

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064319.D
 Acq On : 27 Oct 2020 10:53
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 27 11:43:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 11:34:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	262059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	398180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	79659	20.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.48%	
35) Dibromofluoromethane	7.55	113	52918	18.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.52%	
50) Toluene-d8	10.06	98	194660	18.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.34%	
62) 4-Bromofluorobenzene	12.38	95	74501	17.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	56297	19.768	ug/l	96
3) Chloromethane	2.04	50	56784	18.838	ug/l	100
4) Vinyl Chloride	2.16	62	56449	18.747	ug/l	98
5) Bromomethane	2.53	94	38581	19.593	ug/l	98
6) Chloroethane	2.67	64	34222	18.763	ug/l	96
7) Trichlorofluoromethane	2.98	101	99354	20.052	ug/l	97
8) Diethyl Ether	3.37	74	30878	18.862	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48664	19.033	ug/l	98
10) Methyl Iodide	3.91	142	62822	17.379	ug/l	99
11) Tert butyl alcohol	4.73	59	58928	108.608	ug/l	98
12) 1,1-Dichloroethene	3.69	96	45116	18.336	ug/l	86
13) Acrolein	3.57	56	9524	32.869	ug/l	90
14) Allyl chloride	4.28	41	90772	18.468	ug/l	99
15) Acrylonitrile	4.93	53	124733	110.639	ug/l	99
16) Acetone	3.78	43	142041	120.885	ug/l	96
17) Carbon Disulfide	4.01	76	129252	18.433	ug/l	98
18) Methyl Acetate	4.28	43	56582	19.475	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	178286	20.616	ug/l	97
20) Methylene Chloride	4.51	84	53610	17.964	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	50041	18.468	ug/l	99
22) Diisopropyl ether	5.90	45	183610	19.736	ug/l	97
23) Vinyl Acetate	5.84	43	811112	98.311	ug/l	100
24) 1,1-Dichloroethane	5.80	63	100003	18.755	ug/l	98
25) 2-Butanone	6.78	43	196950	107.294	ug/l	98
26) 2,2-Dichloropropane	6.78	77	99471	18.759	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	59194	18.665	ug/l	98
28) Bromochloromethane	7.15	49	48811	19.242	ug/l	95
29) Tetrahydrofuran	7.17	42	127230	114.238	ug/l	99
30) Chloroform	7.33	83	109595	19.249	ug/l	96
31) Cyclohexane	7.61	56	89838	19.116	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	103050	19.341	ug/l	97
36) 1,1-Dichloropropene	7.75	75	81314	18.744	ug/l	96
37) Ethyl Acetate	6.88	43	82311	20.445	ug/l	98
38) Carbon Tetrachloride	7.73	117	92057	18.548	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	77844	19.540	ug/l	94
40) Benzene	8.00	78	214264	17.881	ug/l	99
41) Methacrylonitrile	7.13	41	42697	20.283	ug/l	92
42) 1,2-Dichloroethane	8.08	62	97622	18.888	ug/l	98
43) Isopropyl Acetate	8.13	43	135686	18.310	ug/l #	93
44) Trichloroethene	8.80	130	59514	18.203	ug/l	99
45) 1,2-Dichloropropane	9.09	63	59453	18.621	ug/l	95
46) Dibromomethane	9.17	93	41959	19.412	ug/l	99
47) Bromodichloromethane	9.37	83	88088	18.513	ug/l	99
48) Methyl methacrylate	9.16	41	69046	17.936	ug/l	98
49) 1,4-Dioxane	9.17	88	23120	488.816	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	409361	102.161	ug/l	99
52) Toluene	10.13	92	134307	17.559	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	94628	17.988	ug/l	93
54) cis-1,3-Dichloropropene	9.80	75	99061	17.824	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	54644	18.824	ug/l	96
56) Ethyl methacrylate	10.40	69	84917	18.903	ug/l	98
57) 1,3-Dichloropropane	10.68	76	94117	18.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	223297	96.864	ug/l	100
59) 2-Hexanone	10.72	43	302924	103.163	ug/l	99
60) Dibromochloromethane	10.87	129	63625	16.948	ug/l	100
61) 1,2-Dibromoethane	10.97	107	58477	19.039	ug/l	99
64) Tetrachloroethene	10.60	164	58246	18.114	ug/l	94
65) Chlorobenzene	11.41	112	145363	17.709	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	58433	17.931	ug/l	96
67) Ethyl Benzene	11.48	91	271137	17.936	ug/l	99
68) m/p-Xylenes	11.59	106	201603	35.968	ug/l	96
69) o-Xylene	11.92	106	94421	17.535	ug/l	100
70) Styrene	11.94	104	160295	17.681	ug/l	99
71) Bromoform	12.10	173	45377	17.984	ug/l #	99
73) Isopropylbenzene	12.22	105	253623	18.081	ug/l	99
74) N-amyl acetate	12.04	43	114465	18.752	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	74150	19.651	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	111184	27.667	ug/l #	100
77) Bromobenzene	12.50	156	60666	18.181	ug/l	95
78) n-propylbenzene	12.57	91	290099	18.279	ug/l	100
79) 2-Chlorotoluene	12.65	91	183415	18.809	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	216214	18.207	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27382	17.575	ug/l	91
82) 4-Chlorotoluene	12.75	91	184087	18.113	ug/l	100
83) tert-Butylbenzene	12.97	119	179129	18.415	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	217050	18.328	ug/l	99
85) sec-Butylbenzene	13.14	105	226081	18.440	ug/l	100
86) p-Isopropyltoluene	13.26	119	205467	18.379	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	104911	17.747	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	107586	17.823	ug/l	98
89) n-Butylbenzene	13.59	91	180062	18.095	ug/l	98
90) Hexachloroethane	13.85	117	37857	18.366	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	105391	18.211	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19258	20.327	ug/l	96

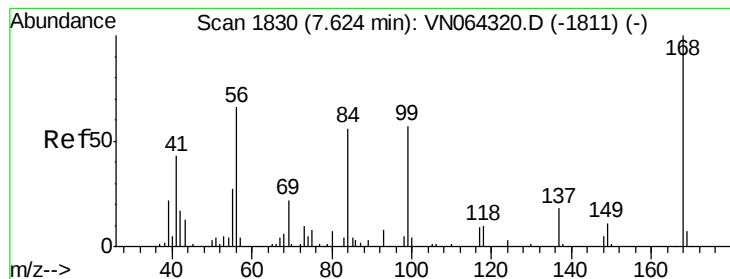
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
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Acq On : 27 Oct 2020 10:53
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Quant Time: Oct 27 11:43:00 2020
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 11:34:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	57876	17.967	ug/l	99
94) Hexachlorobutadiene	14.98	225	31903	18.284	ug/l	98
95) Naphthalene	15.10	128	179192	18.523	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	55682	17.450	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

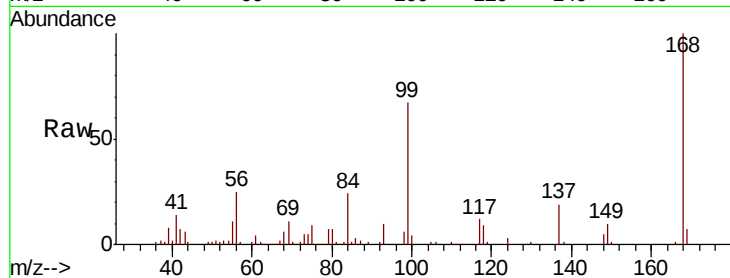
VSTDIC020

Tot Ion:168 Resp: 262059

Ion Ratio Lower Upper

168 100

99 66.9 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

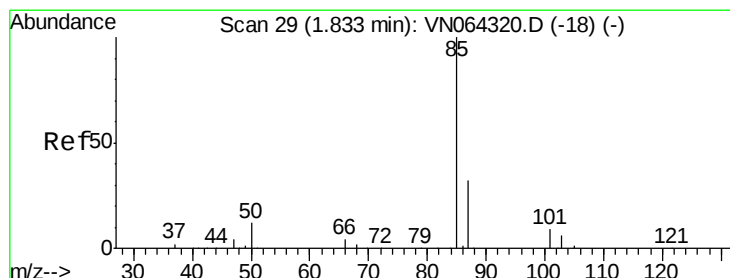
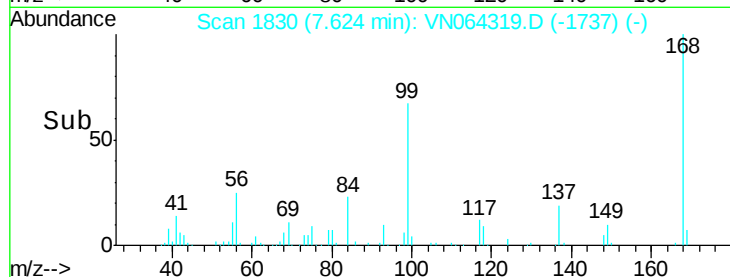
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.768 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064319.D

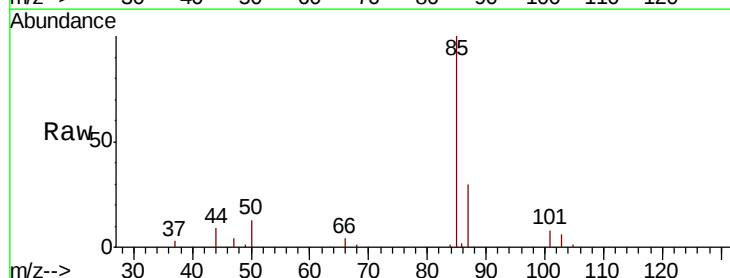
Acq: 27 Oct 2020 10:53

Tgt Ion: 85 Resp: 56297

Ion Ratio Lower Upper

85 100

87 29.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

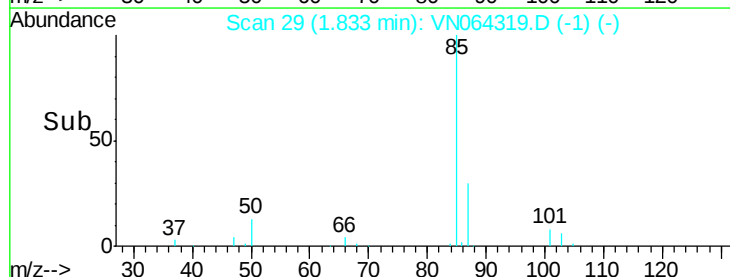
30000

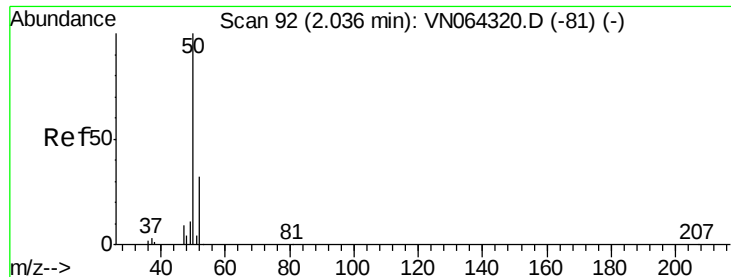
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.838 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

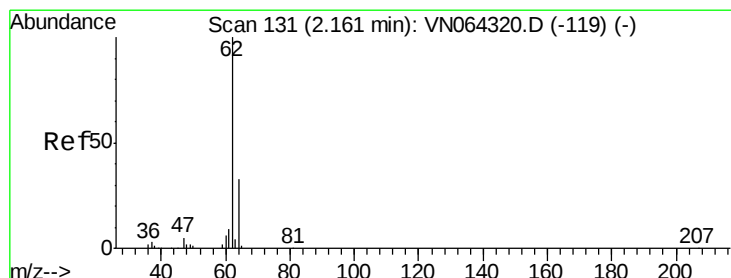
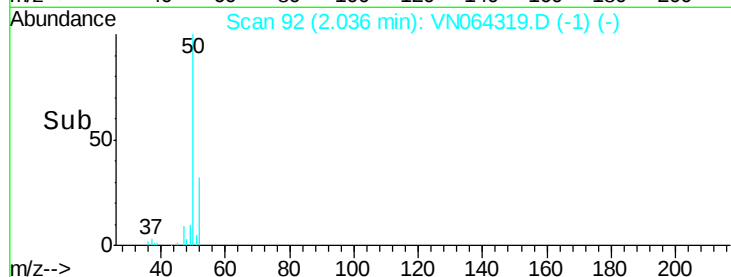
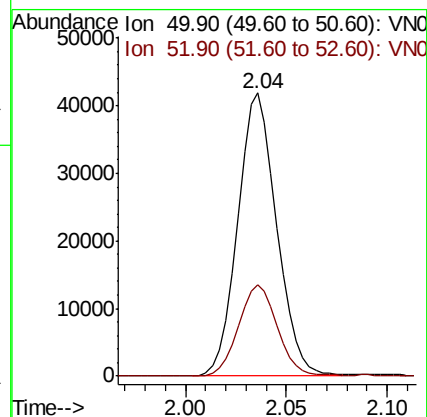
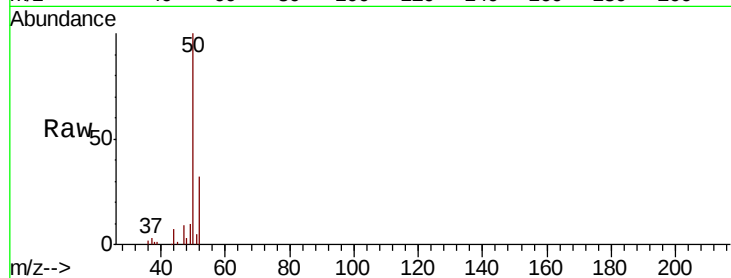
VSTDIC020

Tot Ion: 50 Resp: 56784

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4



#4

Vinyl Chloride

Concen: 18.747 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064319.D

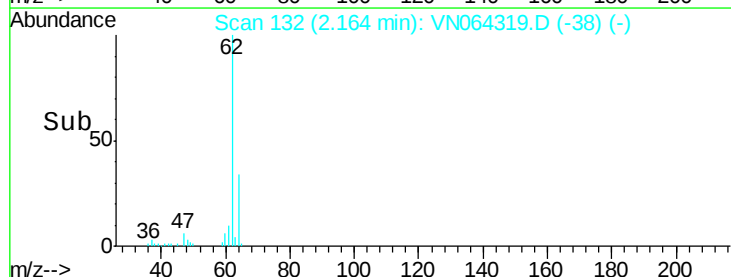
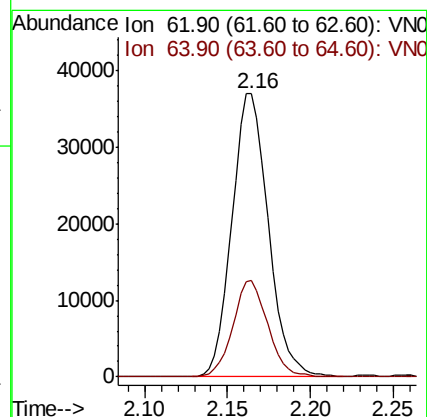
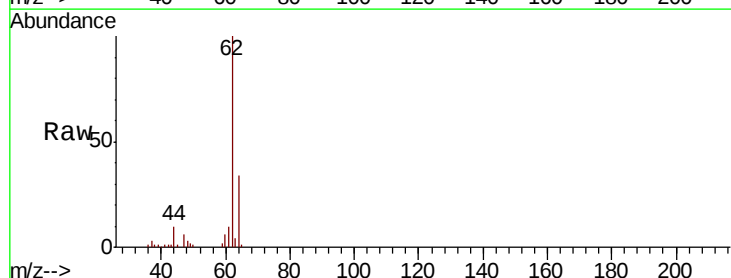
Acq: 27 Oct 2020 10:53

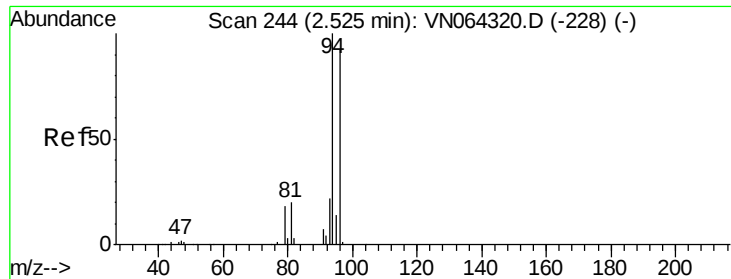
Tgt Ion: 62 Resp: 56449

Ion Ratio Lower Upper

62 100

64 34.1 26.2 39.4





#5

Bromomethane

Concen: 19.593 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

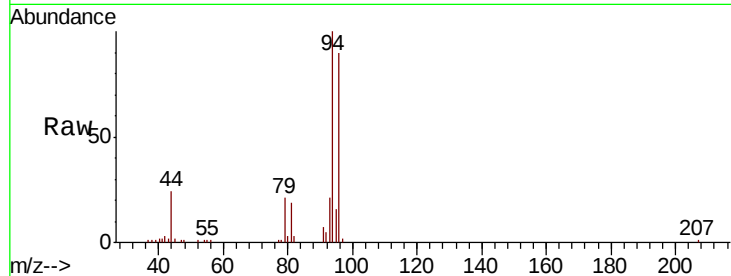
VSTDIC020

Tot Ion: 94 Resp: 38581

Ion Ratio Lower Upper

94 100

96 89.8 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

20000

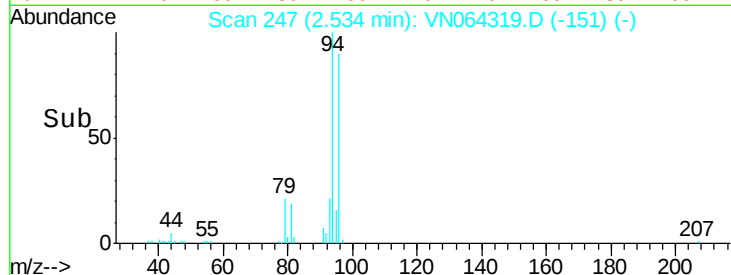
15000

10000

5000

0

Time-->



2.53

2.45 2.50 2.55 2.60

2.53

2.45 2.50 2.55 2.60

2.53

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2.53

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2.45 2.50 2.55 2.60

2.53

2.45 2.50 2.55 2.60

2.53

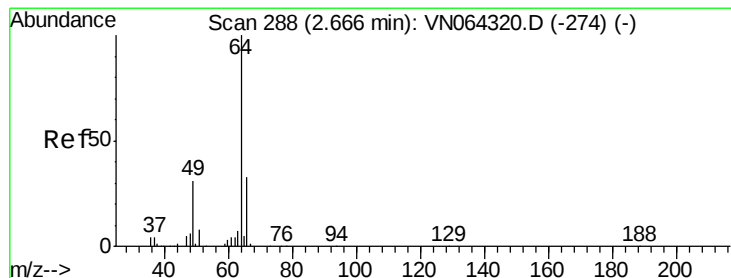
2.45 2.50 2.55 2.60

2.53

2.45 2.50 2.55 2.60

2.53

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 18.763 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN064319.D

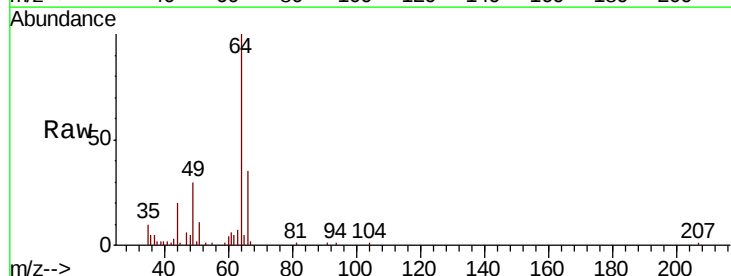
Acq: 27 Oct 2020 10:53

Tgt Ion: 64 Resp: 34222

Ion Ratio Lower Upper

64 100

66 35.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

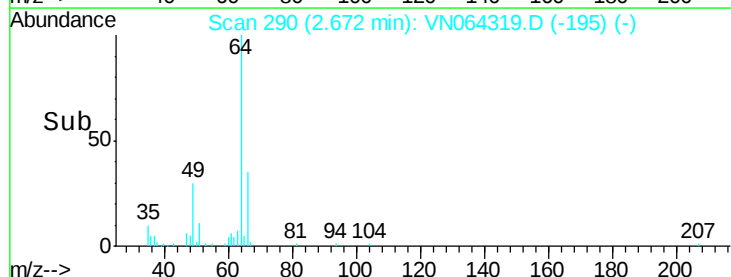
15000

10000

5000

0

Time-->



2.67

2.60 2.65 2.70 2.75

2.67

2.60 2.65 2.70 2.75

2.67

2.60 2.65 2.70 2.75

2.67

2.60 2.65 2.70 2.75

2.67

2.60 2.65 2.70 2.75

2.67

2.60 2.65 2.70 2.75

2.67

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2.67

2.60 2.65 2.70 2.75

2.67

2.60 2.65 2.70 2.75

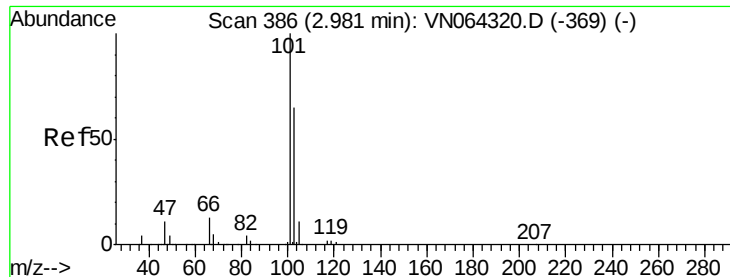
2.67

2.60 2.65 2.70 2.75

2.67

2.60 2.65 2.70 2.75

2.67

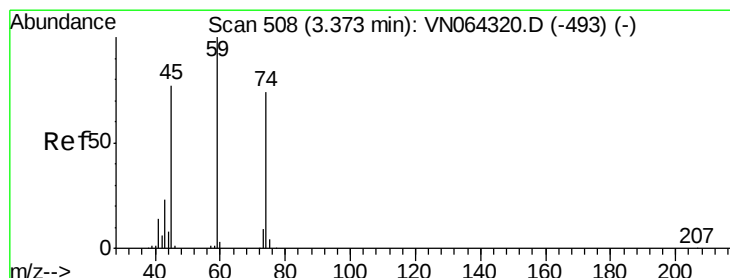
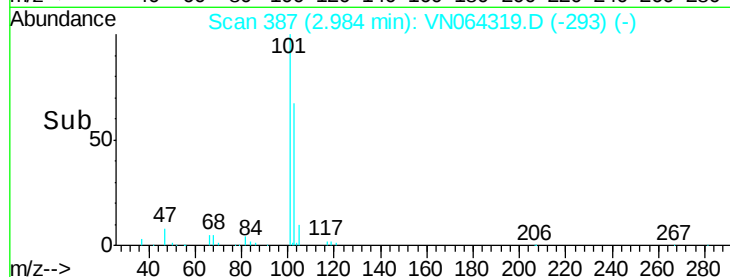
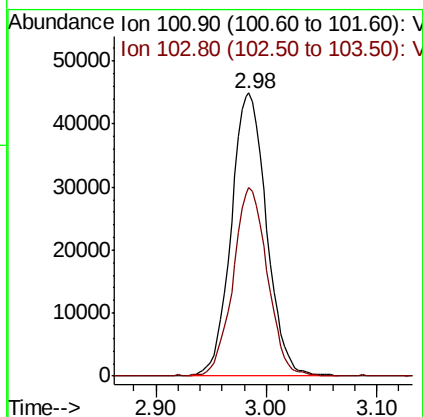
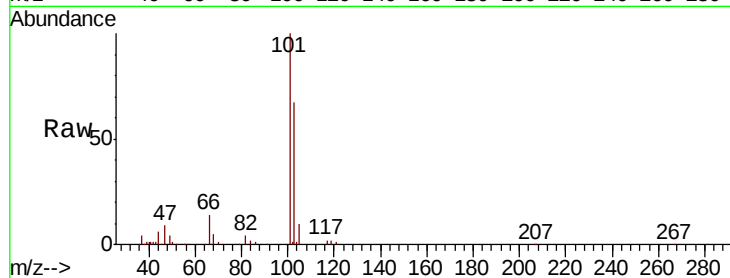


#7

Trichlorofluoromethane
 Concen: 20.052 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064319.D
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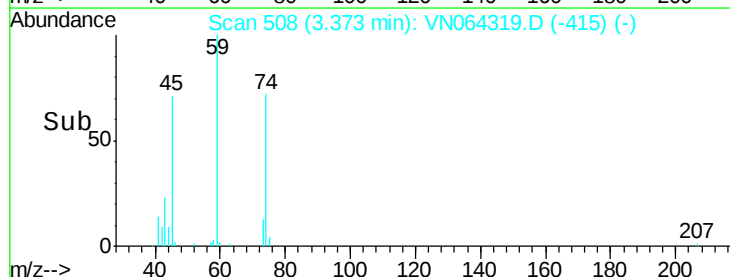
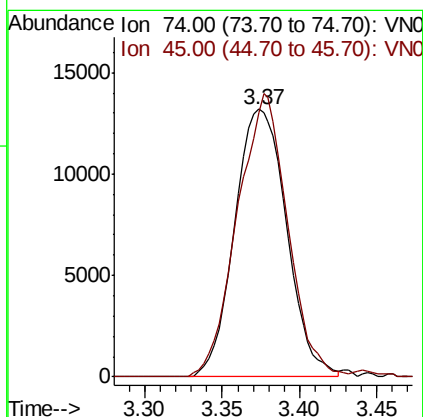
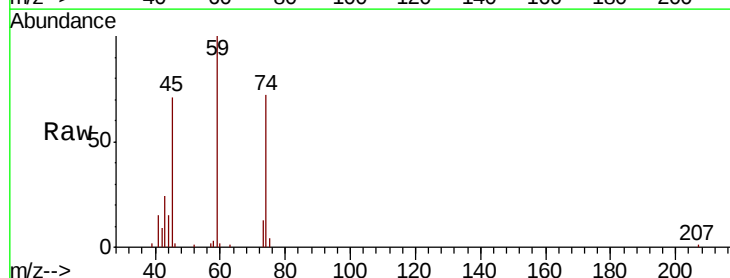
Tot Ion:101 Resp: 99354
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.7 77.5

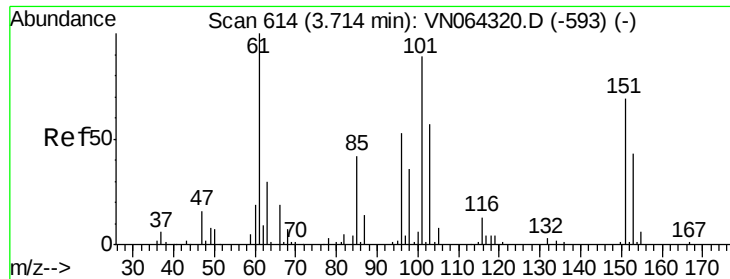


#8

Diethyl Ether
 Concen: 18.862 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 74 Resp: 30878
 Ion Ratio Lower Upper
 74 100
 45 102.1 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.033 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

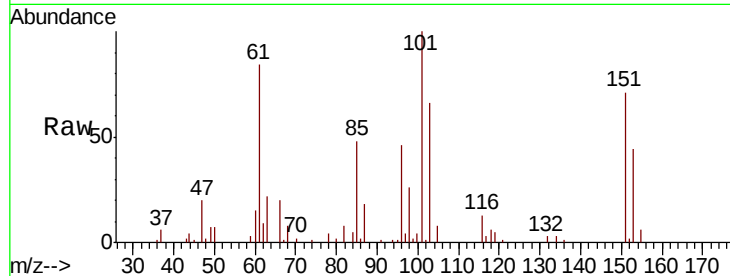
Tot Ion:101 Resp: 48664

Ion Ratio Lower Upper

101 100

85 49.8 38.4 57.6

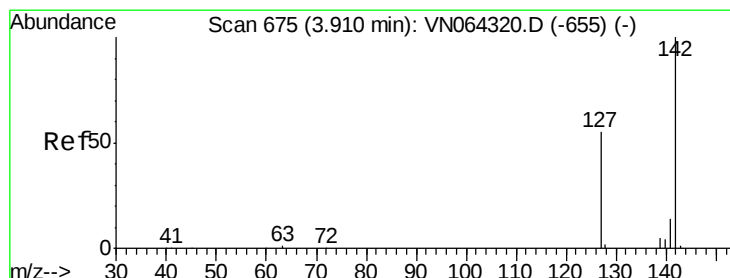
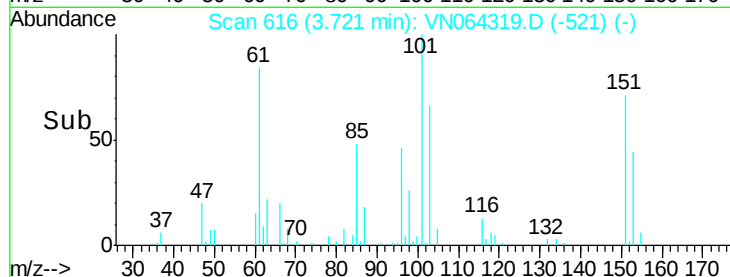
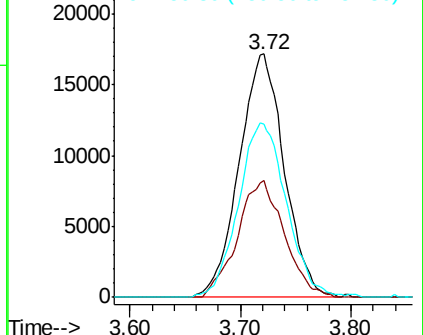
151 76.0 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.379 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

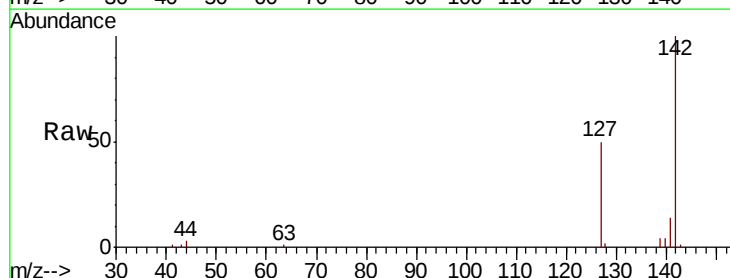
Tgt Ion:142 Resp: 62822

Ion Ratio Lower Upper

142 100

127 54.4 43.3 64.9

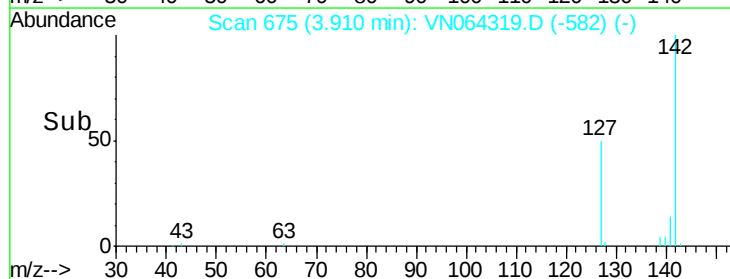
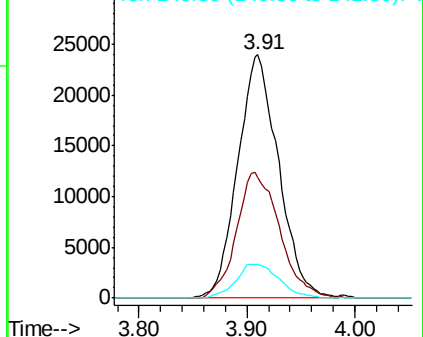
141 14.9 11.5 17.3

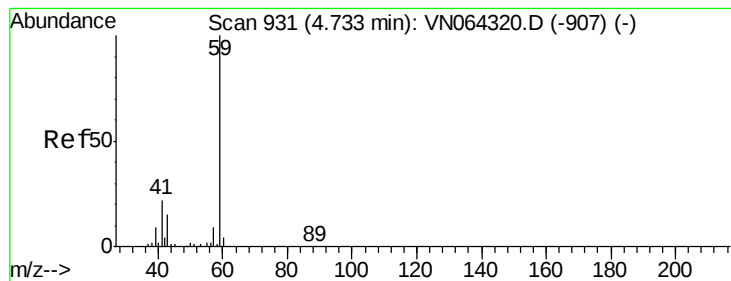


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



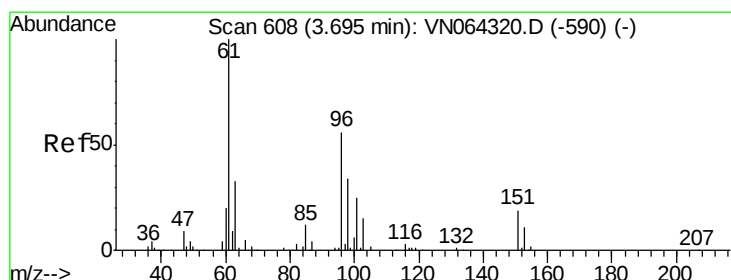
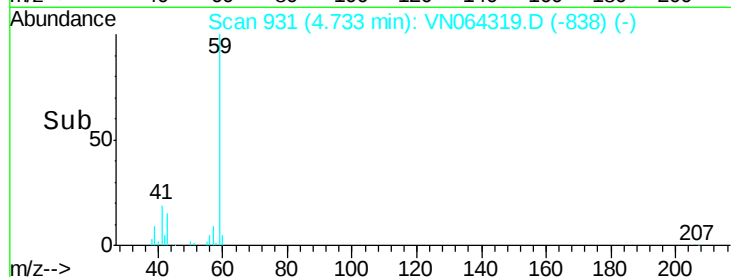
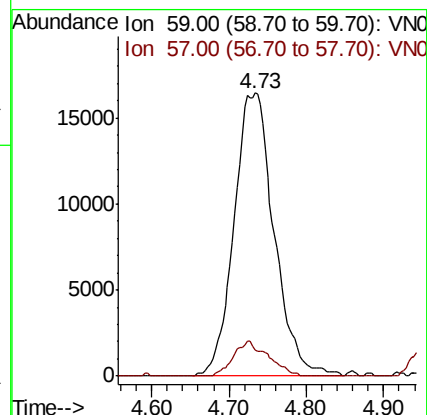
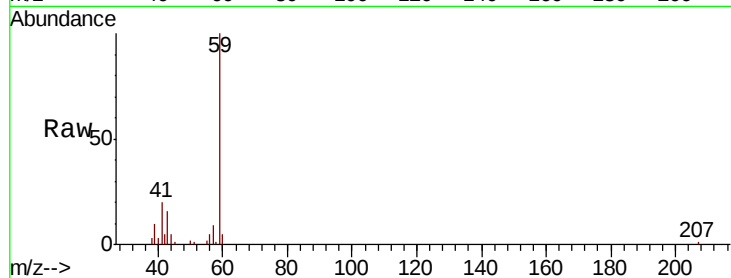


#11

Tert butyl alcohol
 Concen: 108.608 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

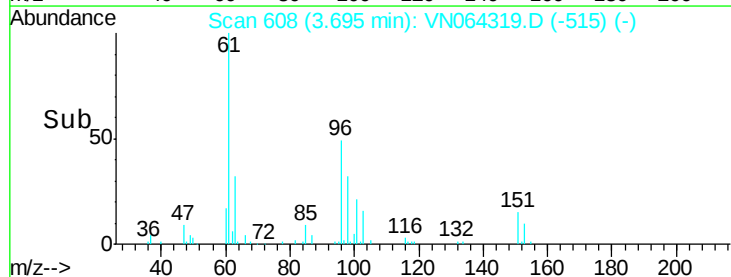
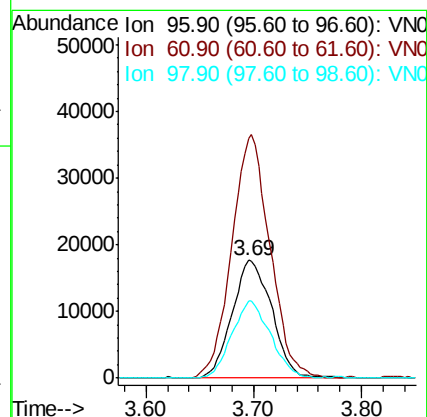
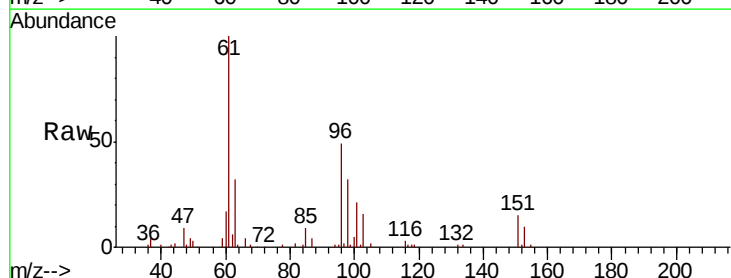
Tot Ion: 59 Resp: 58928
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.4 14.0

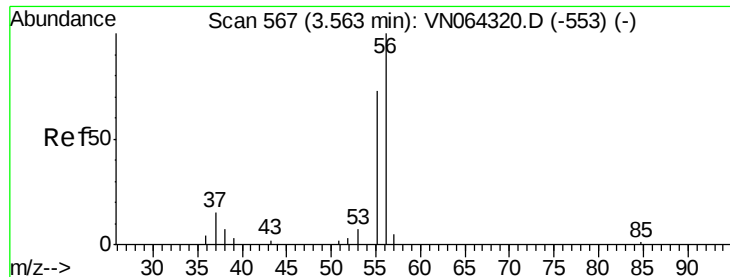


#12

1,1-Dichloroethene
 Concen: 18.336 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 96 Resp: 45116
 Ion Ratio Lower Upper
 96 100
 61 202.9 143.6 215.4
 98 65.7 48.6 73.0





#13

Acrolein

Concen: 32.869 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.01 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

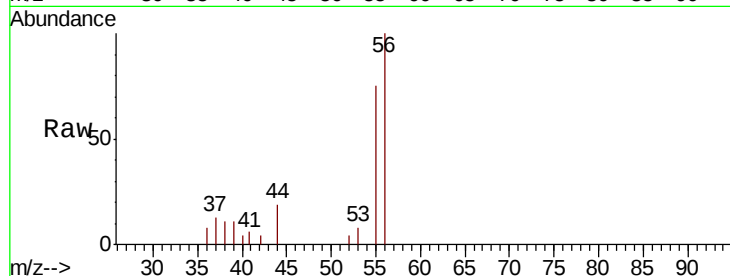
VSTDIC020

Tot Ion: 56 Resp: 9524

Ion Ratio Lower Upper

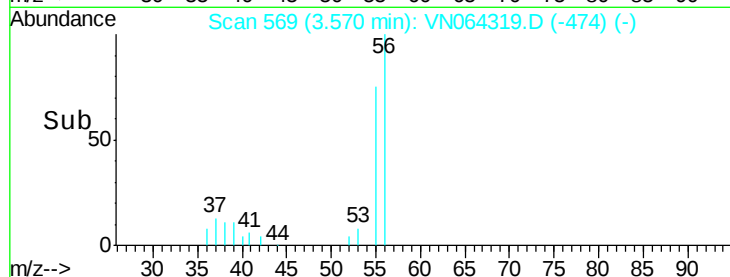
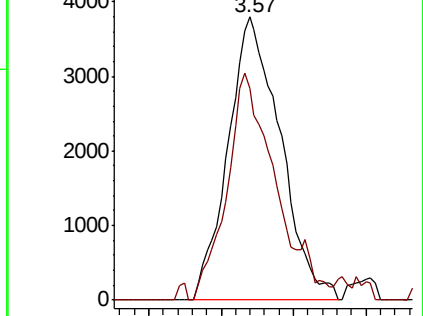
56 100

55 70.0 62.6 94.0

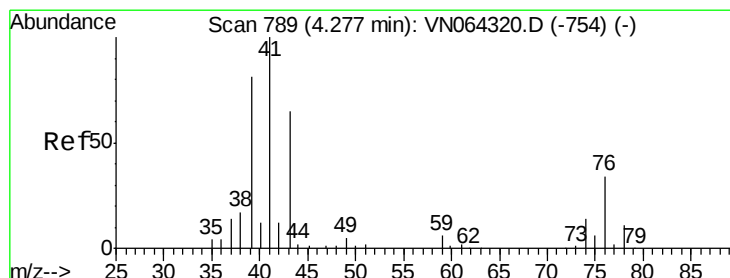


Abundance Ion 56.00 (55.70 to 56.70): VN064320.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN064320.D (-553) (-)



Time-->



#14

Allyl chloride

Concen: 18.468 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

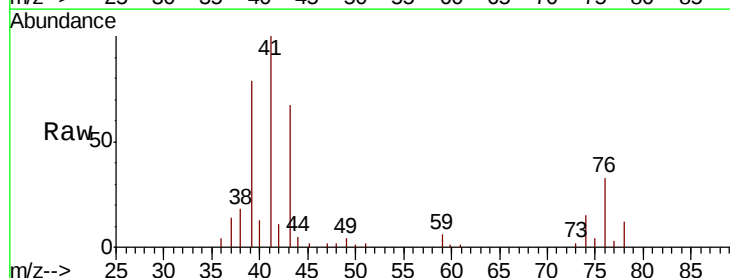
Tgt Ion: 41 Resp: 90772

Ion Ratio Lower Upper

41 100

39 76.9 61.7 92.5

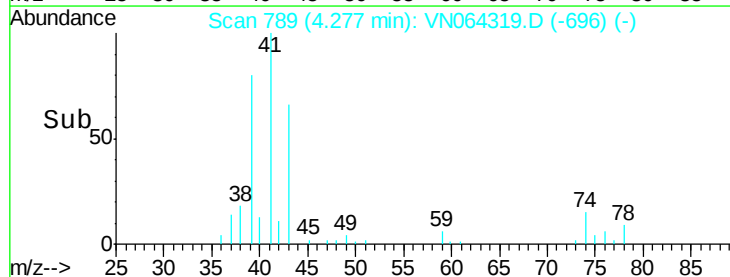
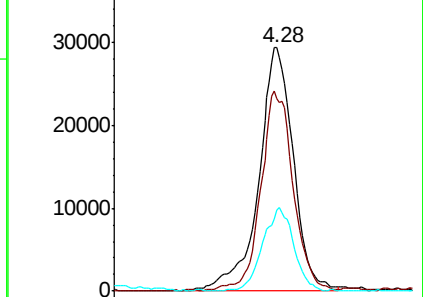
76 30.8 24.0 36.0



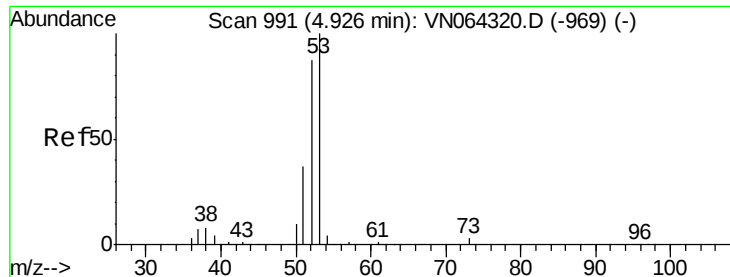
Abundance Ion 41.00 (40.70 to 41.70): VN064320.D (-754) (-)

Ion 39.00 (38.70 to 39.70): VN064320.D (-754) (-)

Ion 75.90 (75.60 to 76.60): VN064320.D (-754) (-)



Time-->



#15

Acrylonitrile

Concen: 110.639 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

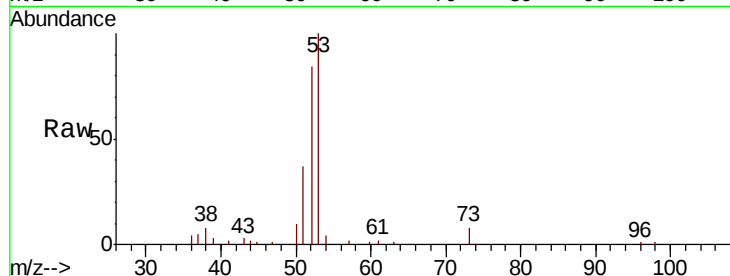
MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 53 Resp: 124733

Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.9	98.9
51	37.6	30.4	45.6

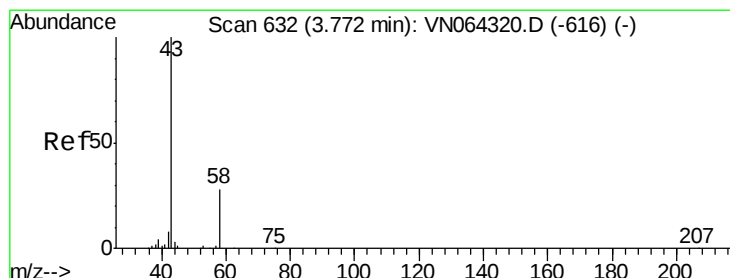
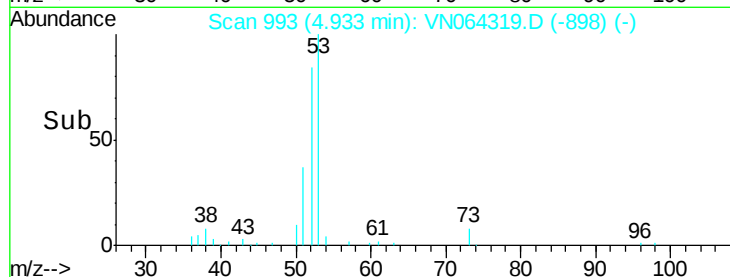
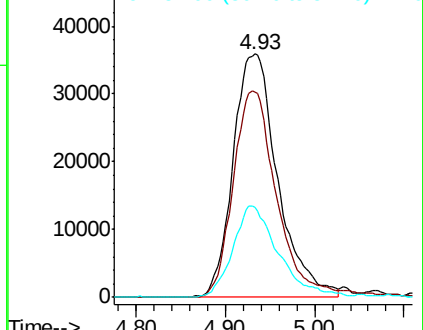


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 120.885 ug/l

RT: 3.78 min Scan# 633

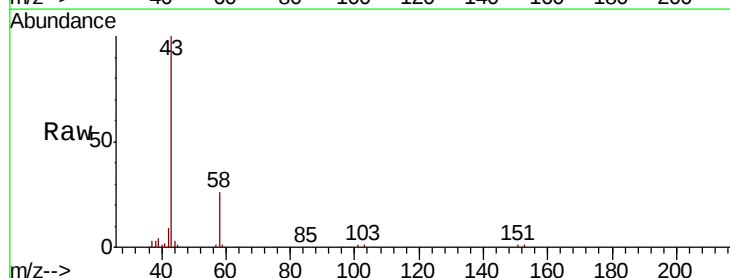
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion: 43 Resp: 142041

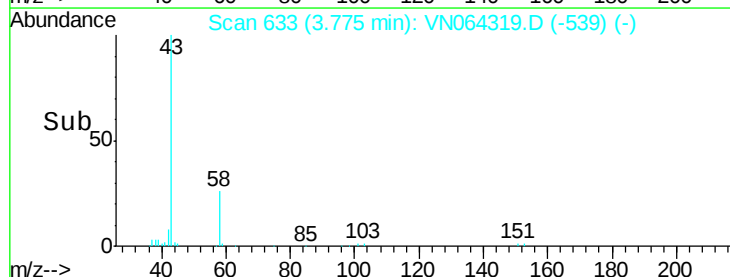
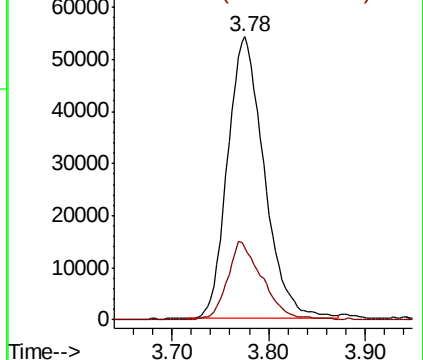
Ion	Ratio	Lower	Upper
43	100		
58	25.7	22.1	33.1

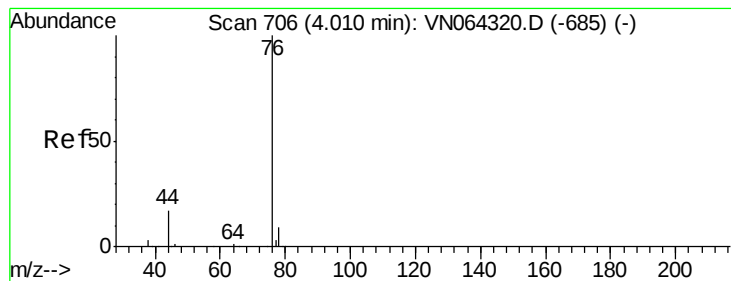


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.433 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

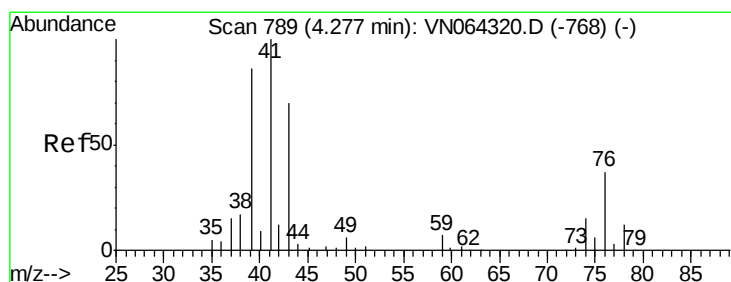
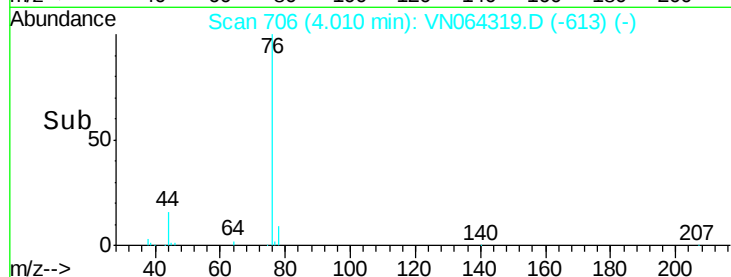
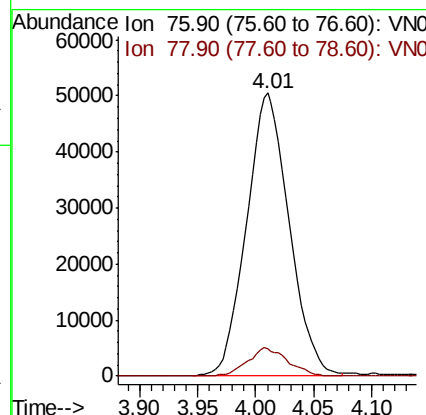
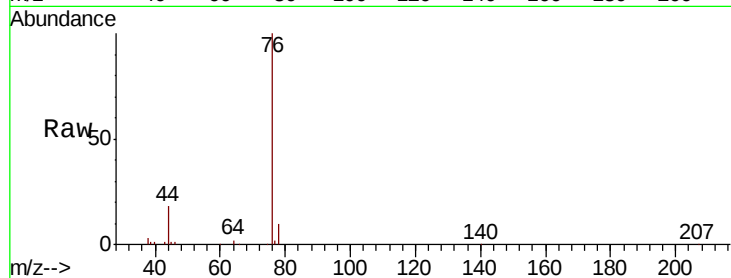
VSTDIC020

Tot Ion: 76 Resp: 129252

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



#18

Methyl Acetate

Concen: 19.475 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064319.D

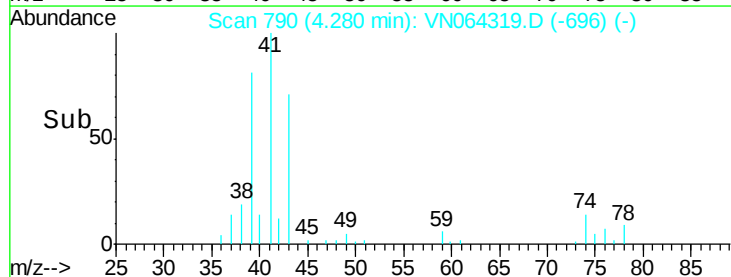
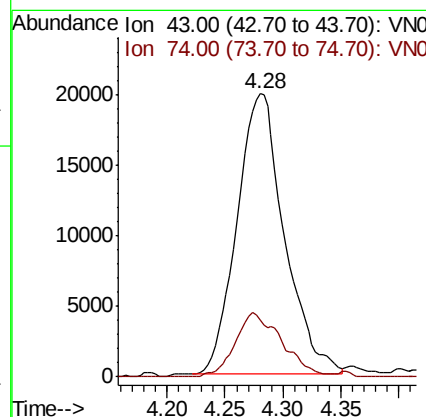
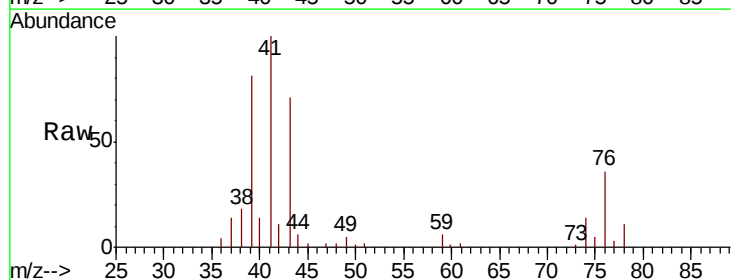
Acq: 27 Oct 2020 10:53

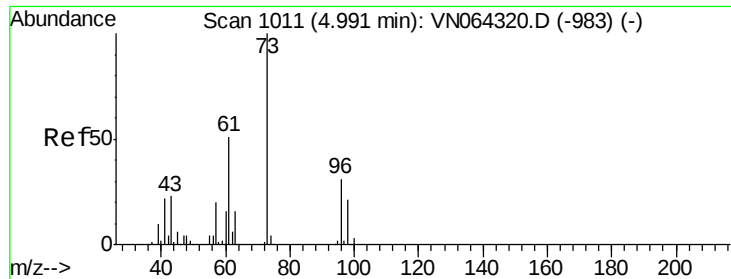
Tgt Ion: 43 Resp: 56582

Ion Ratio Lower Upper

43 100

74 22.7 16.7 25.1



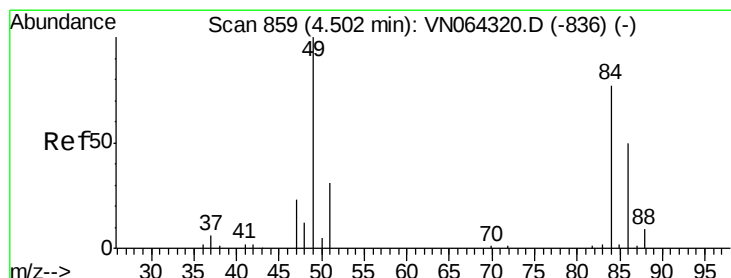
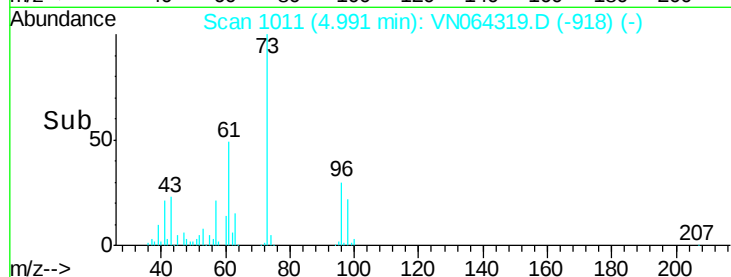
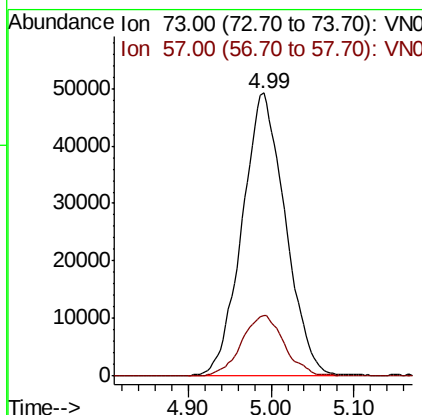
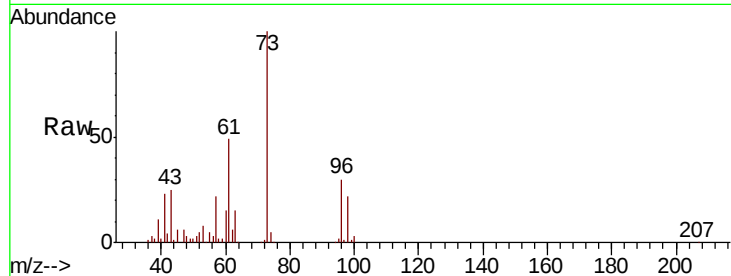


#19

Methyl tert-butyl Ether
 Concen: 20.616 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

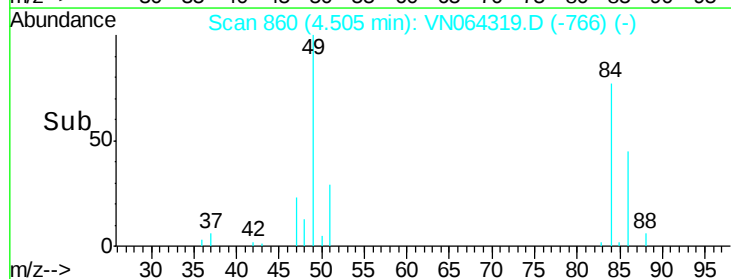
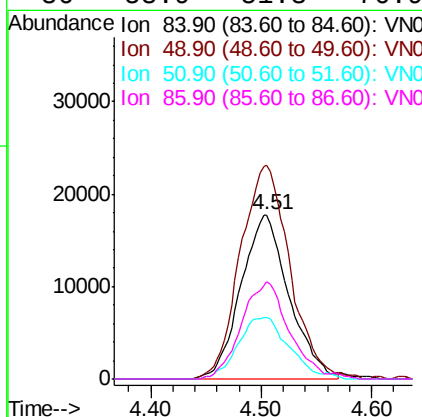
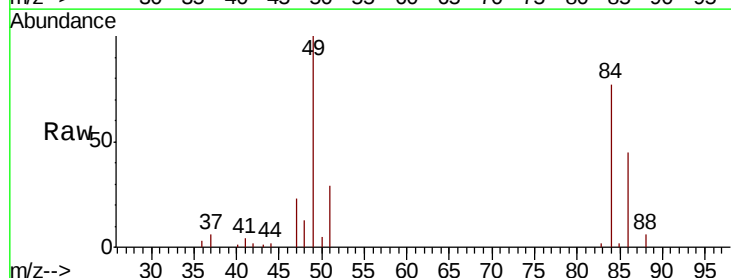
Tot Ion: 73 Resp: 178286
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.1 24.1

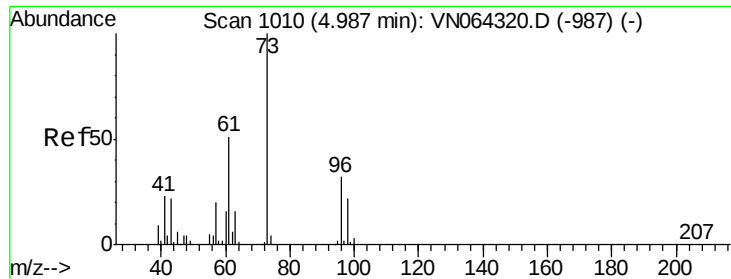


#20

Methylene Chloride
 Concen: 17.964 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 84 Resp: 53610
 Ion Ratio Lower Upper
 84 100
 49 129.9 103.6 155.4
 51 37.5 31.8 47.8
 86 58.9 51.3 76.9

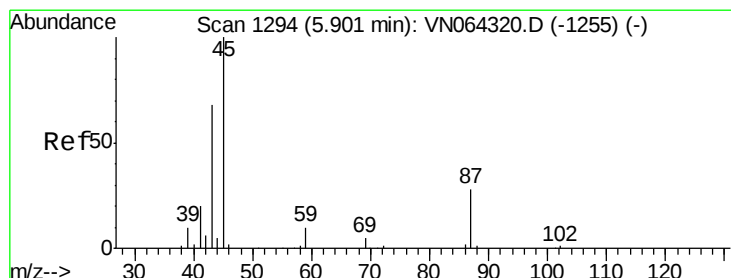
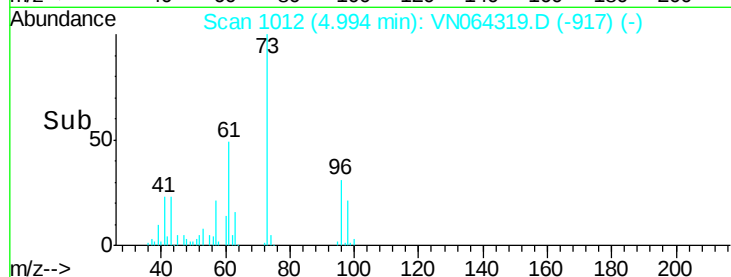
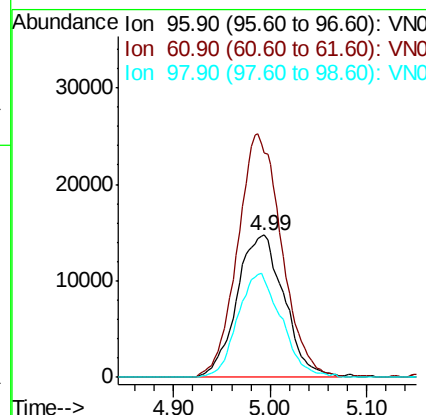
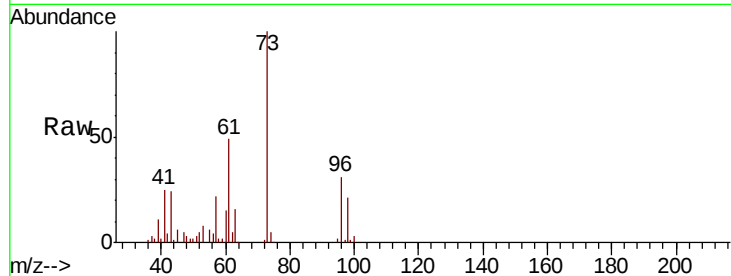




#21
trans-1,2-Dichloroethene
Concen: 18.468 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

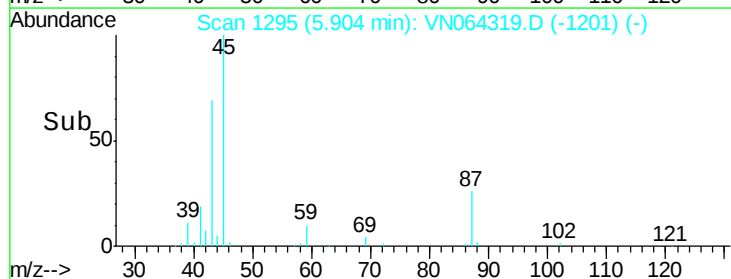
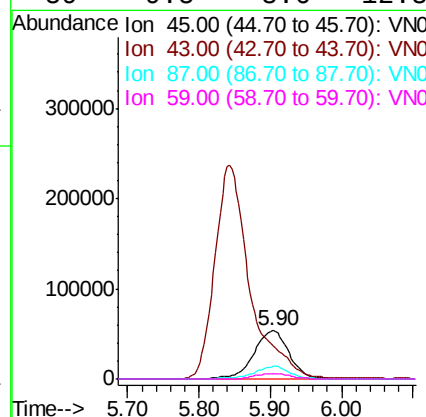
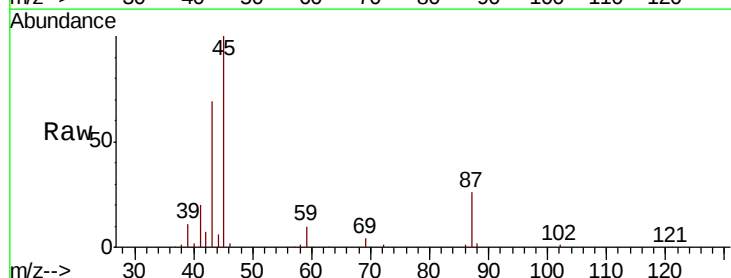
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

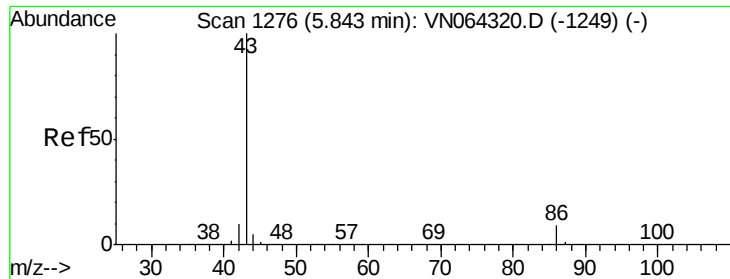
Tot Ion: 96 Resp: 50041
Ion Ratio Lower Upper
96 100
61 158.5 128.2 192.2
98 68.5 56.1 84.1



#22
Diisopropyl ether
Concen: 19.736 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion: 45 Resp: 183610
Ion Ratio Lower Upper
45 100
43 66.5 54.6 82.0
87 26.0 22.6 33.8
59 9.5 8.6 12.8

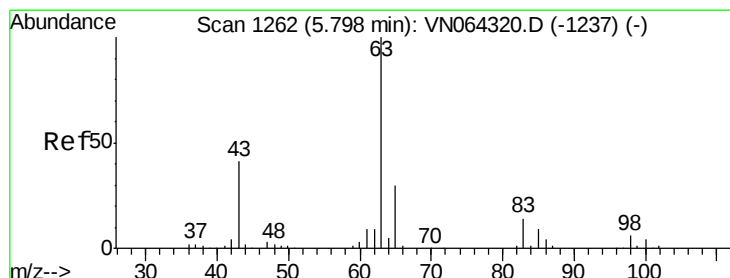
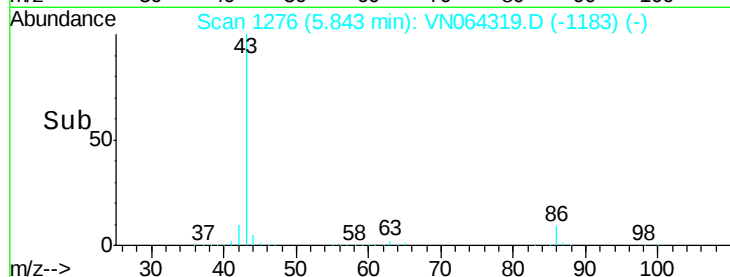
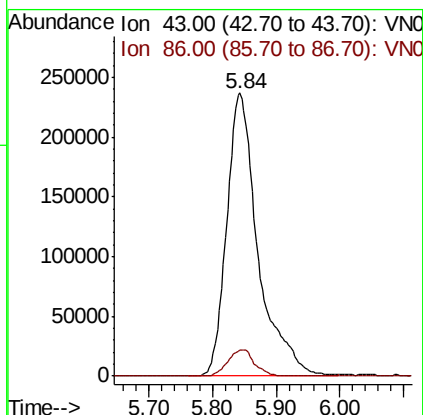
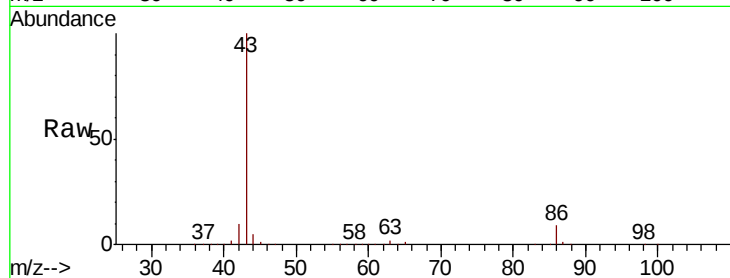




#23
 Vinyl Acetate
 Concen: 98.311 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

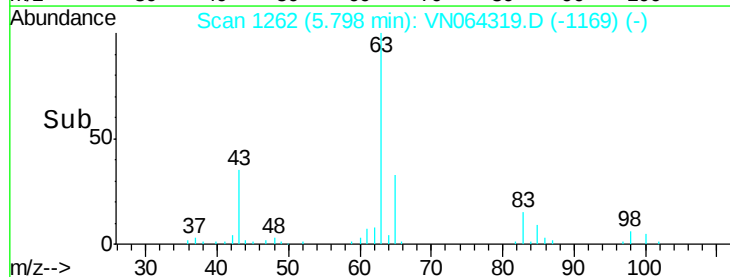
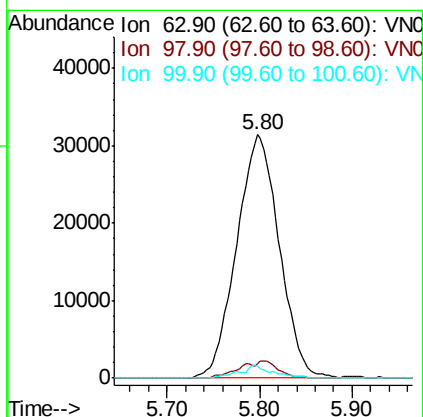
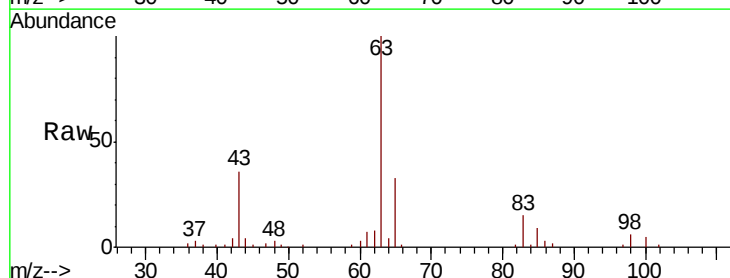
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

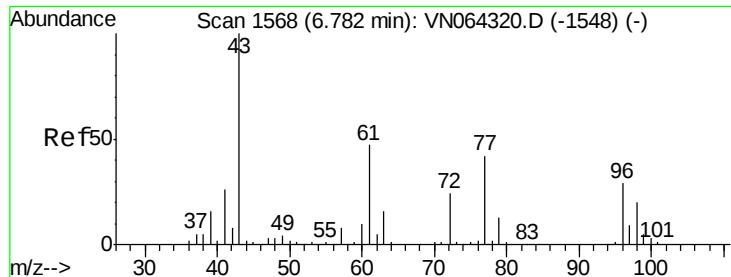
Tot Ion: 43 Resp: 811112
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.755 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 63 Resp: 100003
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.4
 100 5.0 2.0 5.8





#25

2-Butanone

Concen: 107.294 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

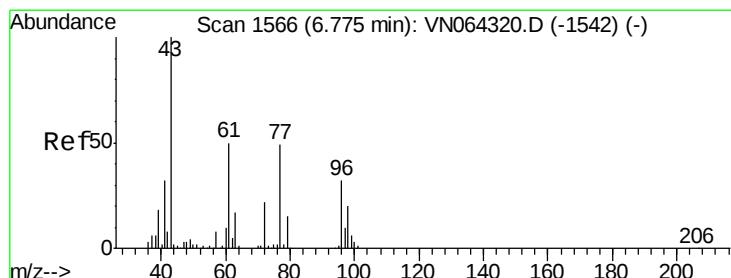
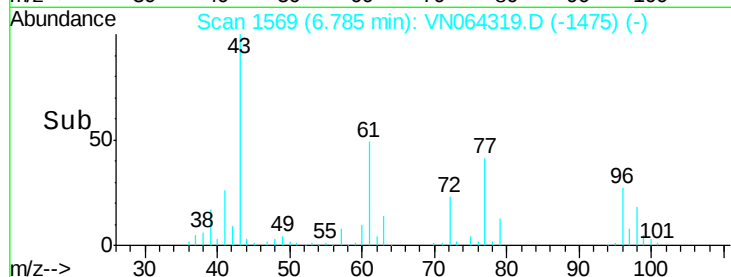
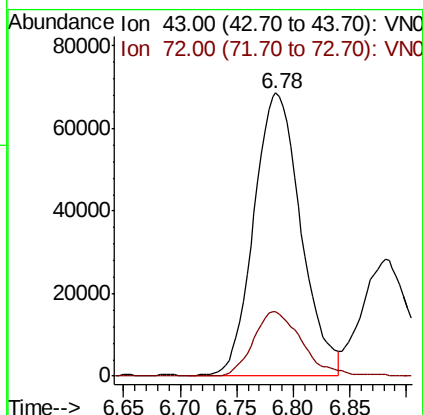
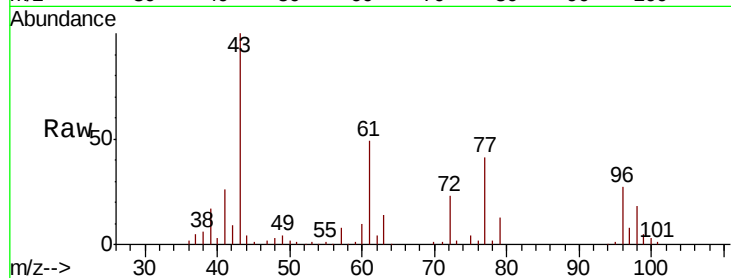
VSTDIC020

Tot Ion: 43 Resp: 196950

Ion Ratio Lower Upper

43 100

72 22.7 18.8 28.2



#26

2,2-Dichloropropane

Concen: 18.759 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064319.D

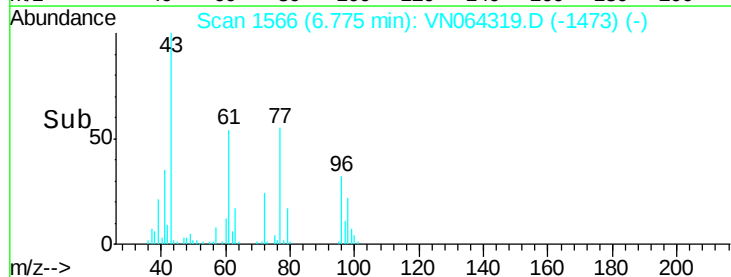
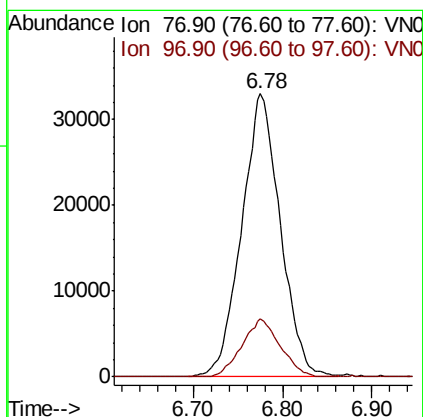
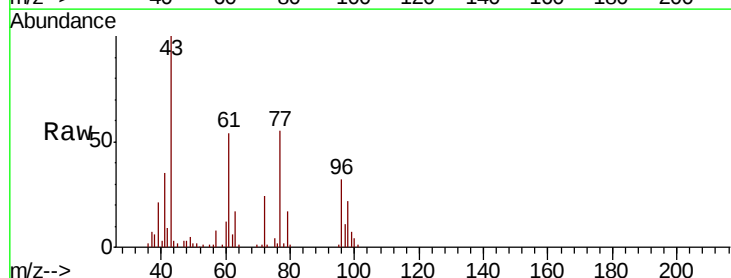
Acq: 27 Oct 2020 10:53

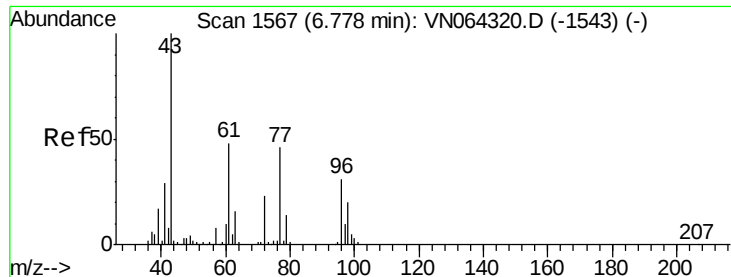
Tgt Ion: 77 Resp: 99471

Ion Ratio Lower Upper

77 100

97 20.0 10.2 30.6

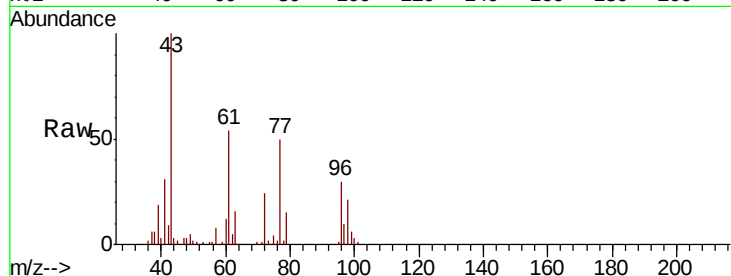




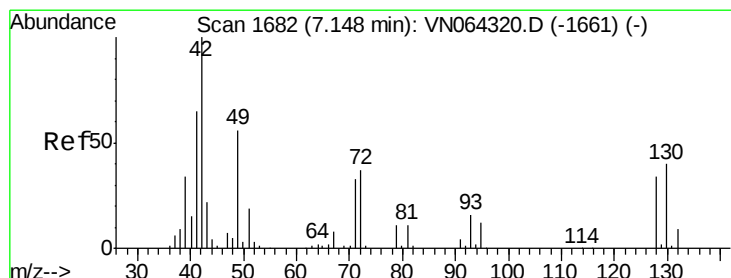
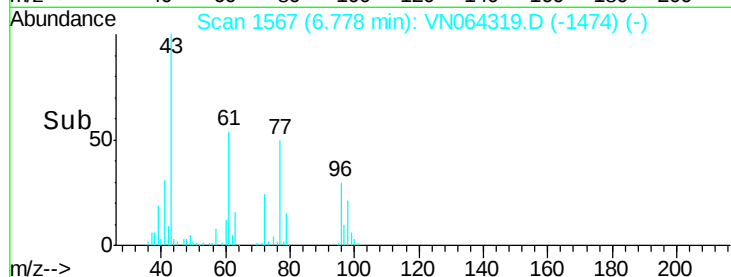
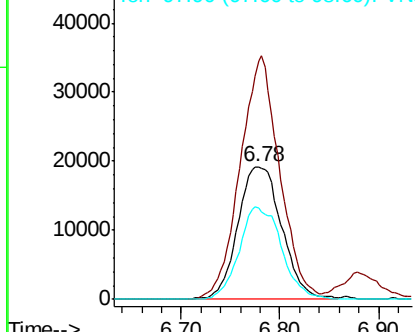
#27
 cis-1,2-Dichloroethene
 Concen: 18.665 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 96 Resp: 59194
 Ion Ratio Lower Upper
 96 100
 61 165.0 0.0 325.0
 98 67.2 0.0 128.4

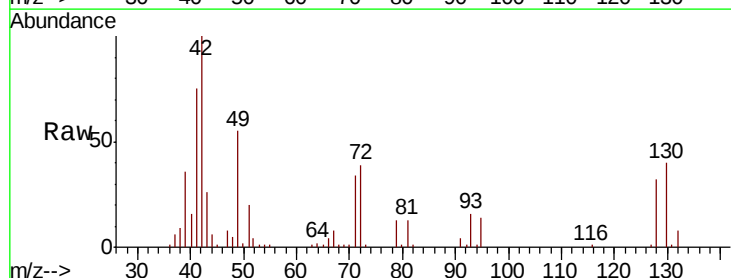


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

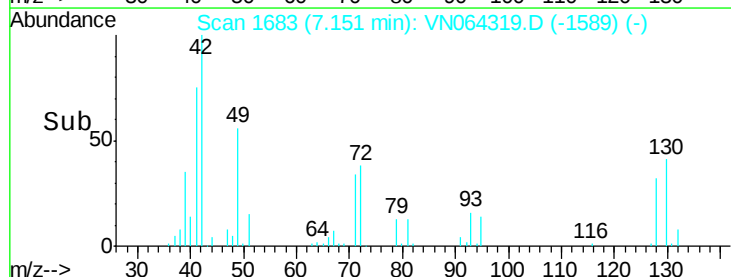
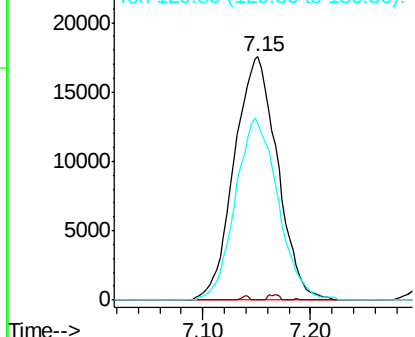


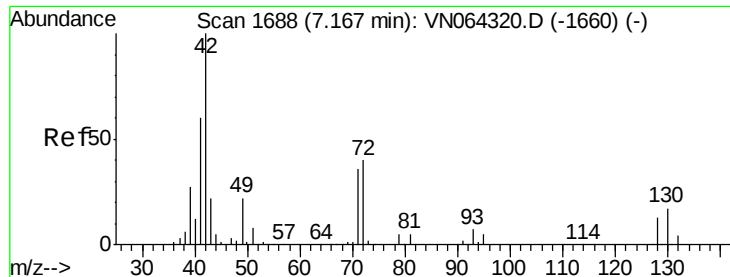
#28
 Bromochloromethane
 Concen: 19.242 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 49 Resp: 48811
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 2.8
 130 73.9 56.2 84.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 114.238 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

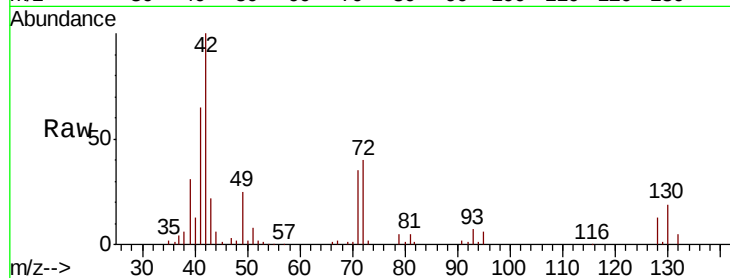
Tot Ion: 42 Resp: 127230

Ion Ratio Lower Upper

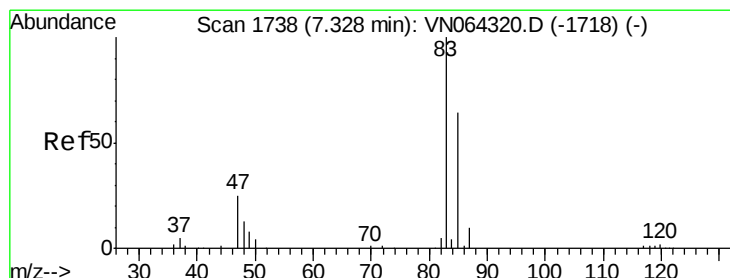
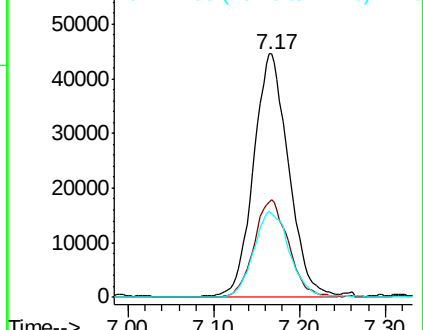
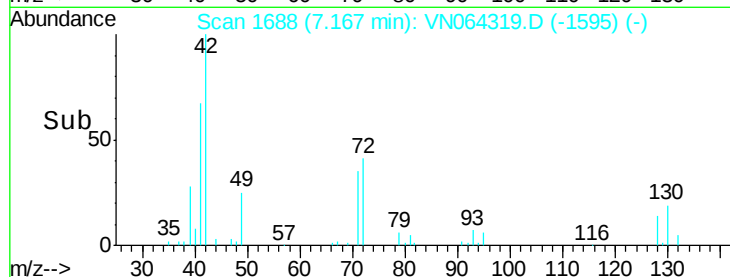
42 100

72 39.3 31.6 47.4

71 35.5 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): VN064319.D (-1595) (-)



#30

Chloroform

Concen: 19.249 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064319.D

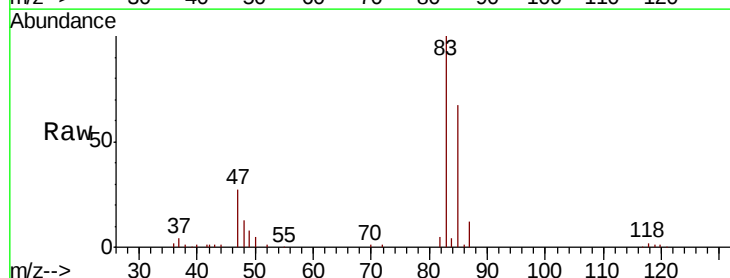
Acq: 27 Oct 2020 10:53

Tgt Ion: 83 Resp: 109595

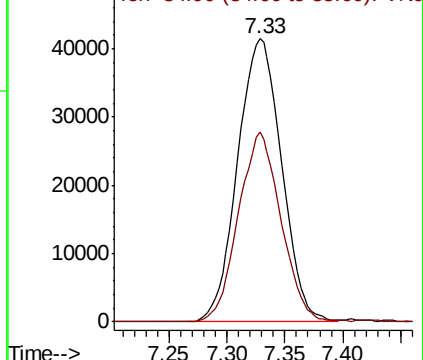
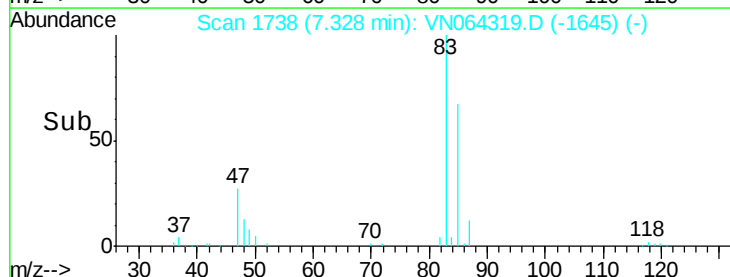
Ion Ratio Lower Upper

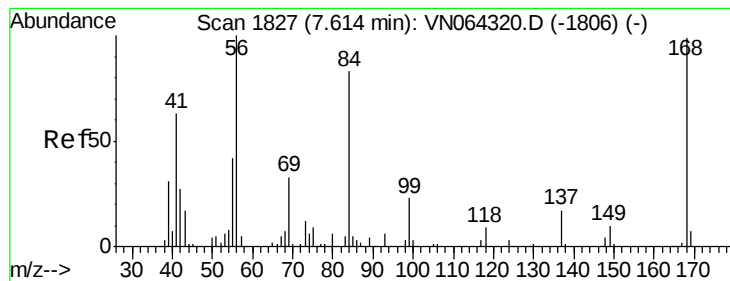
83 100

85 67.3 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN064319.D (-1645) (-)





#31

Cyclohexane

Concen: 19.116 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

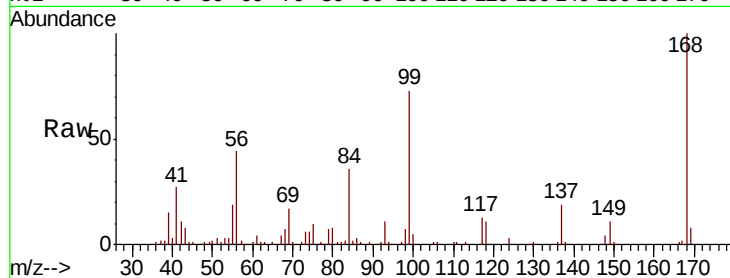
Tot Ion: 56 Resp: 89838

Ion Ratio Lower Upper

56 100

69 37.6 25.8 38.8

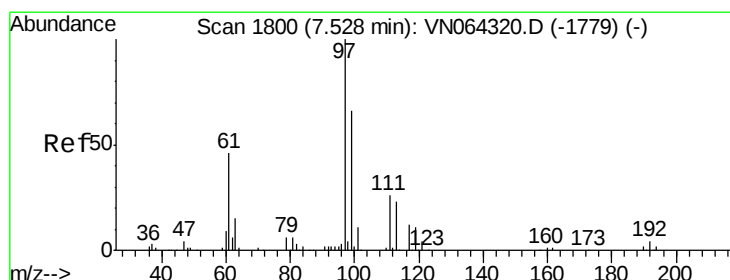
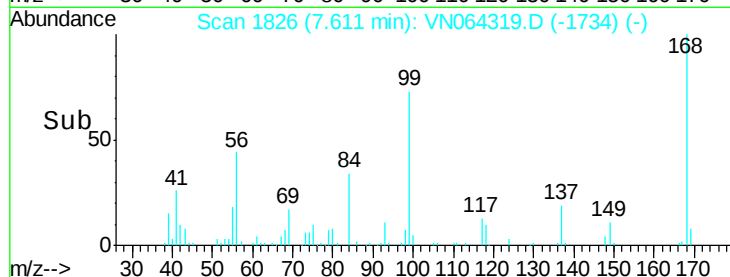
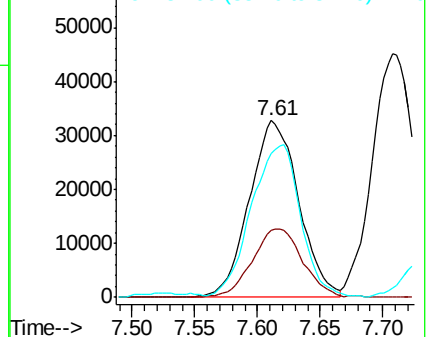
84 79.5 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VN064319.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064319.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064319.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 19.341 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

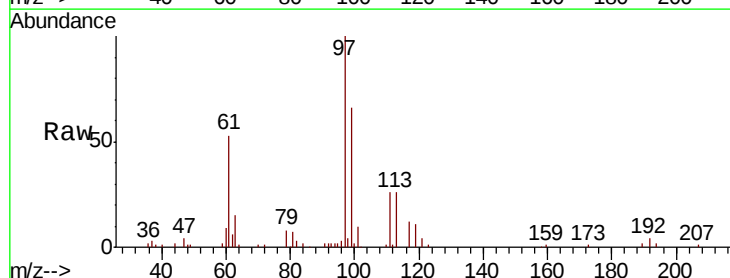
Tgt Ion: 97 Resp: 103050

Ion Ratio Lower Upper

97 100

99 64.2 50.6 76.0

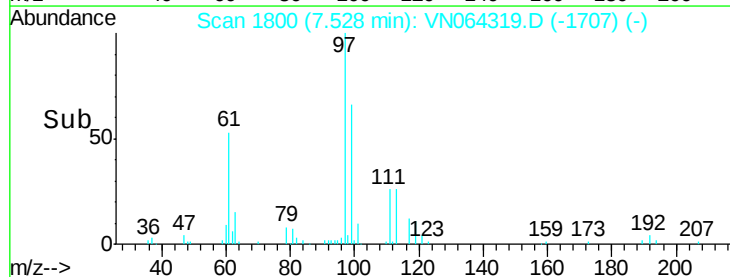
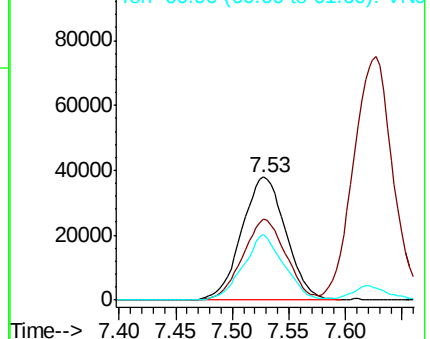
61 48.5 35.8 53.6

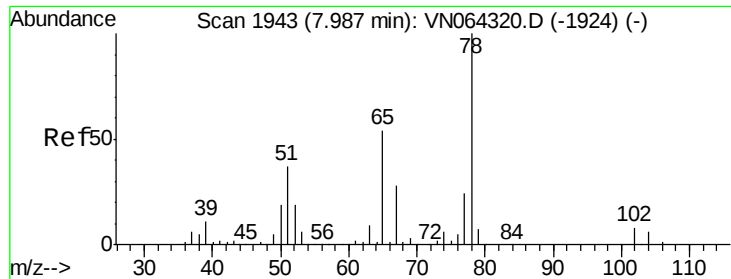


Abundance Ion 96.90 (96.60 to 97.60): VN064319.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064319.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064319.D (-1707) (-)

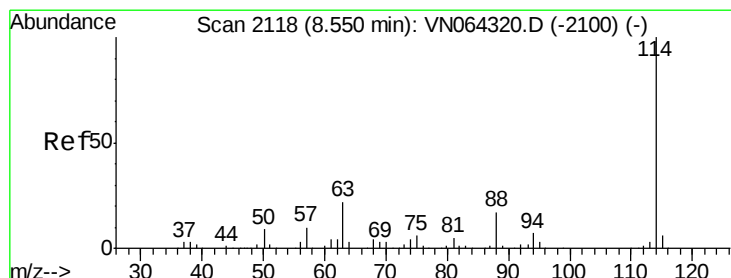
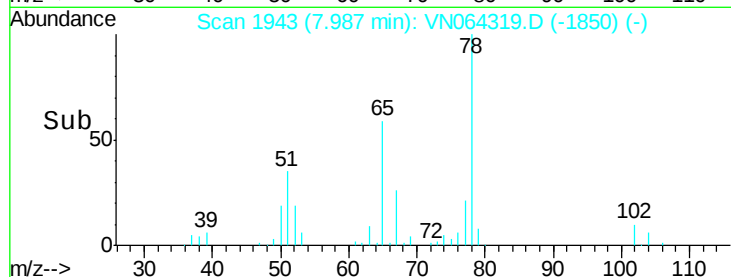
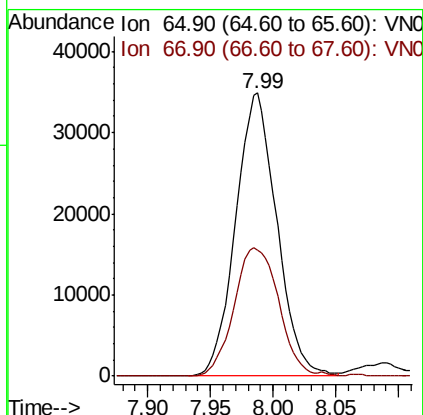
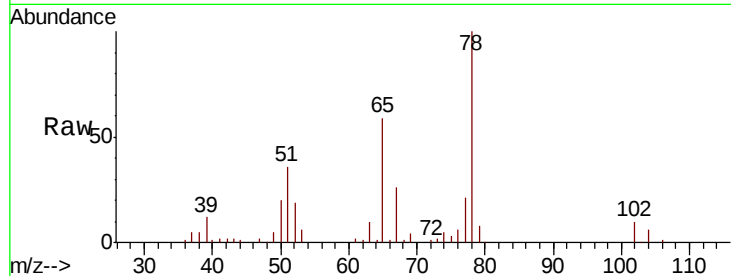




#33
 1,2-Dichloroethane-d4
 Concen: 20.241 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

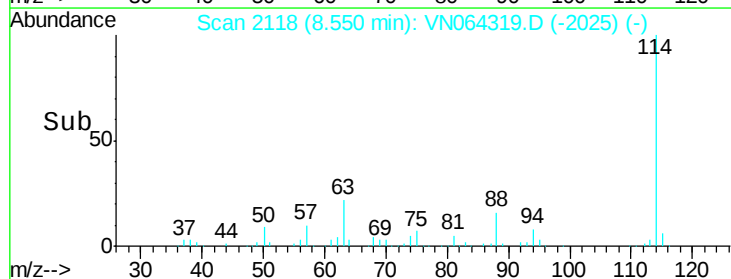
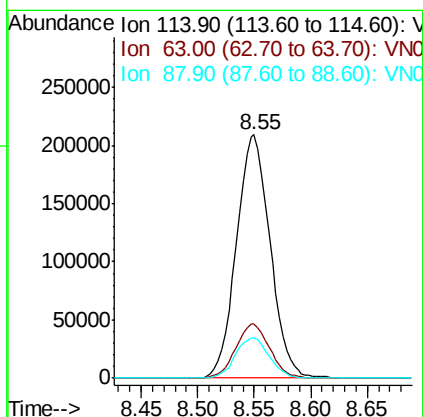
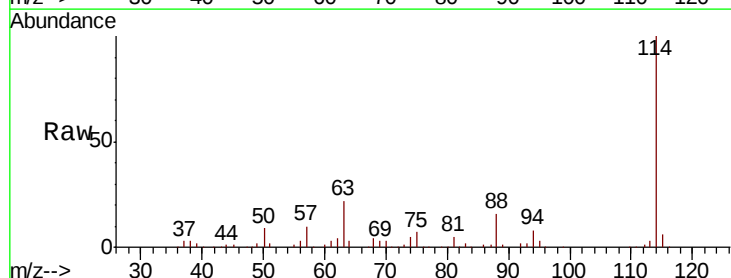
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

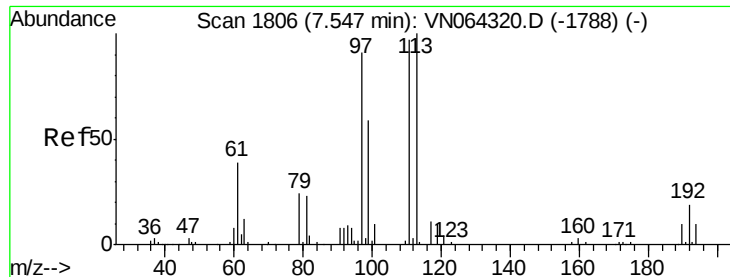
Tot Ion: 65 Resp: 79659
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 114 Resp: 434418
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 16.4 0.0 33.4

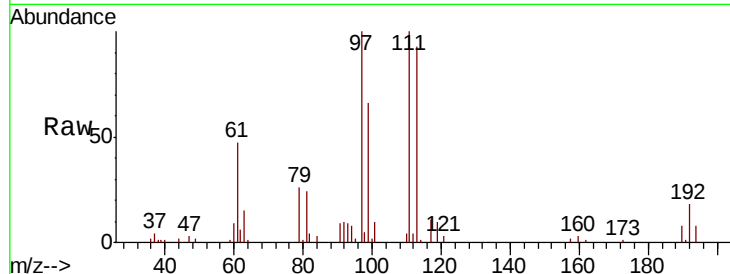




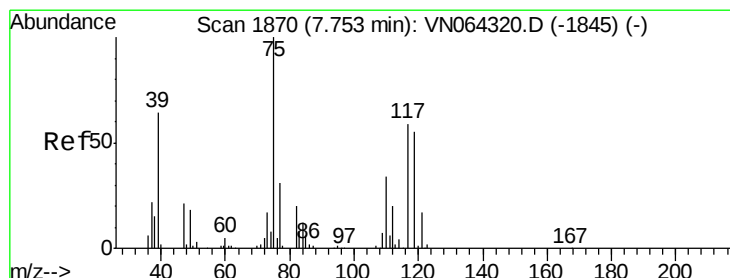
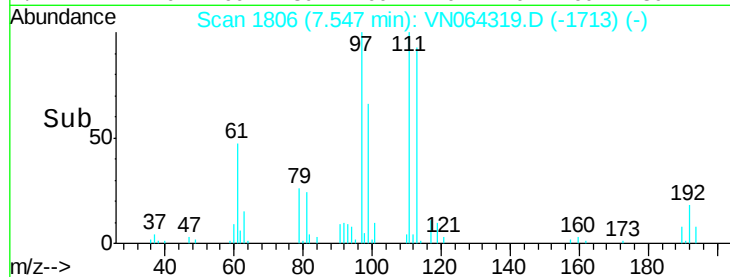
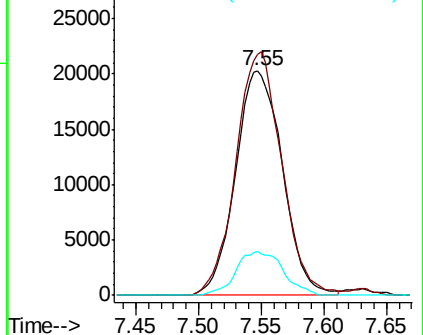
#35
 Dibromofluoromethane
 Concen: 18.263 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:113 Resp: 52918
 Ion Ratio Lower Upper
 113 100
 111 105.4 81.5 122.3
 192 19.4 15.0 22.4

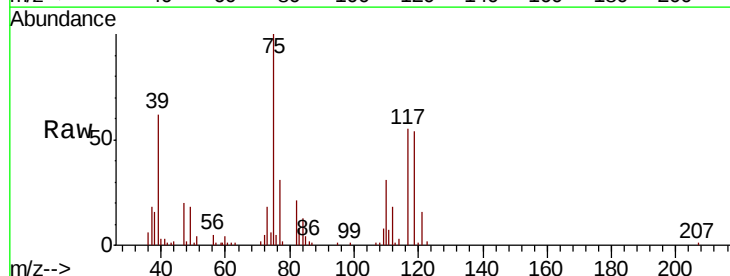


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

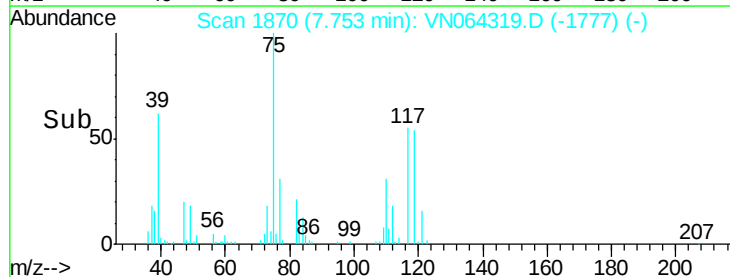
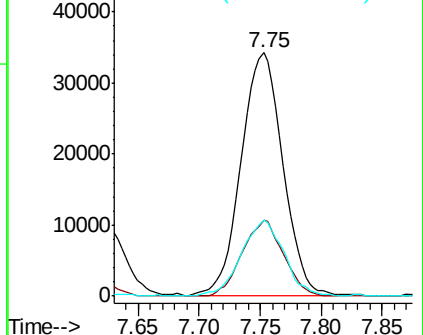


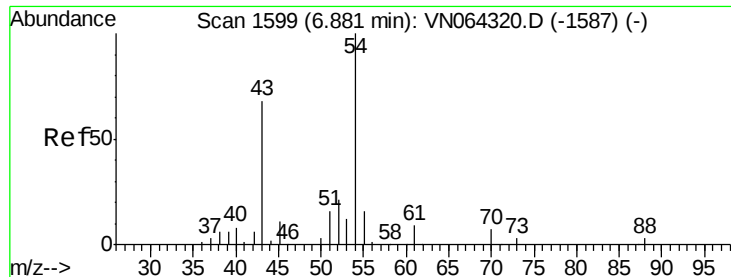
#36
 1,1-Dichloropropene
 Concen: 18.744 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 75 Resp: 81314
 Ion Ratio Lower Upper
 75 100
 110 30.7 16.8 50.3
 77 31.9 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

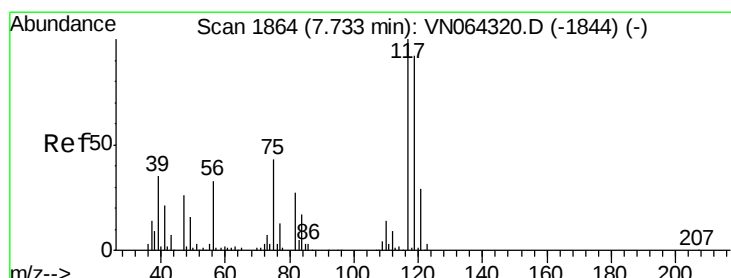
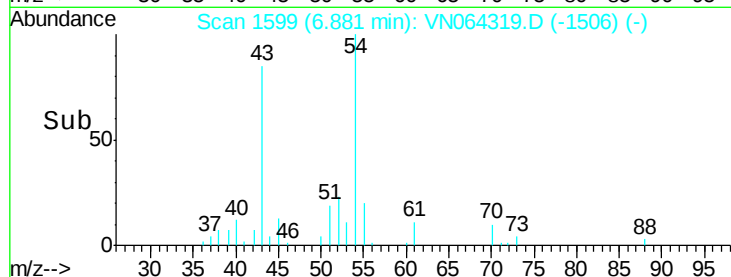
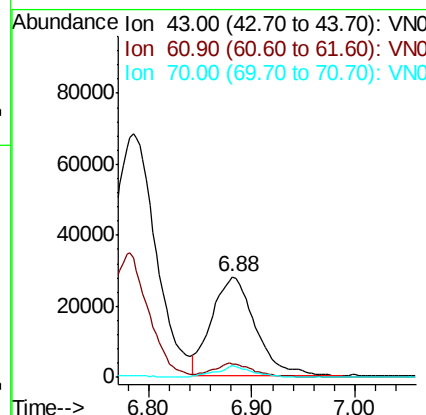
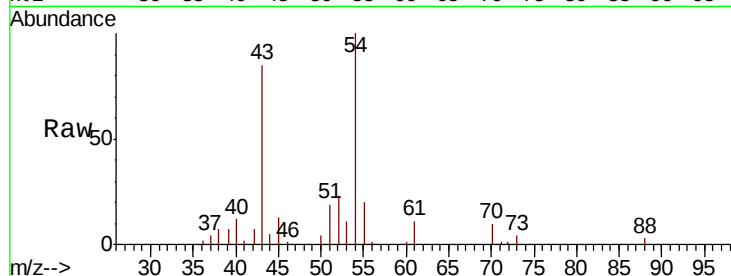




#37
Ethyl Acetate
Concen: 20.445 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

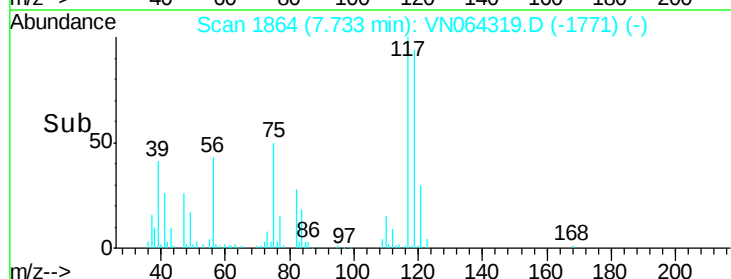
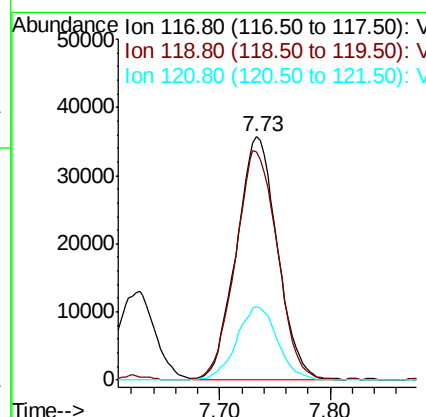
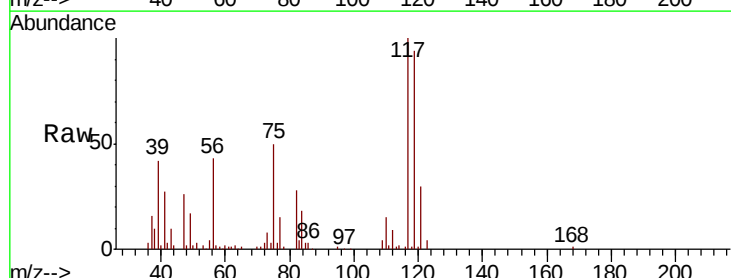
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

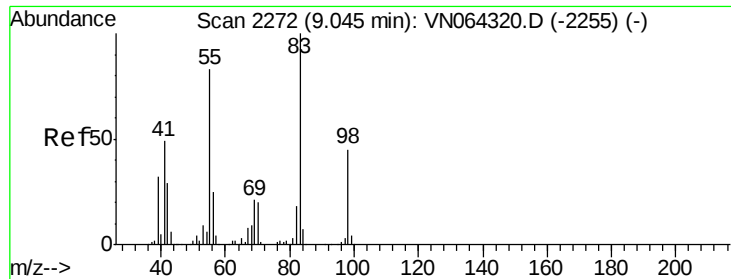
Tot Ion: 43 Resp: 82311
Ion Ratio Lower Upper
43 100
61 13.5 10.0 15.0
70 9.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.548 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion: 117 Resp: 92057
Ion Ratio Lower Upper
117 100
119 93.8 73.7 110.5
121 30.3 22.8 34.2

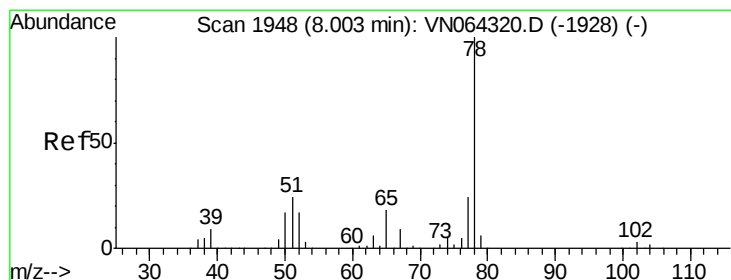
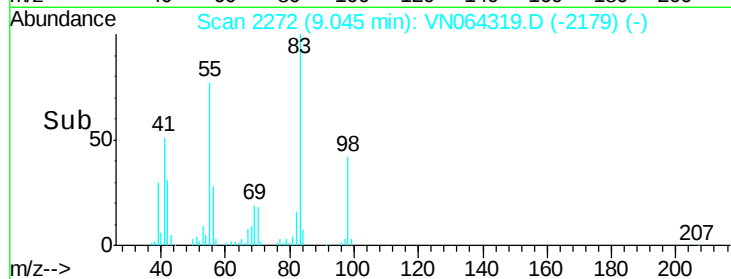
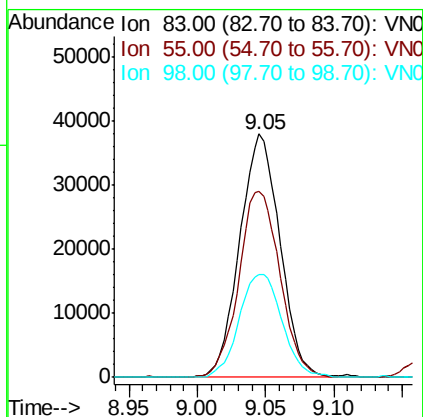
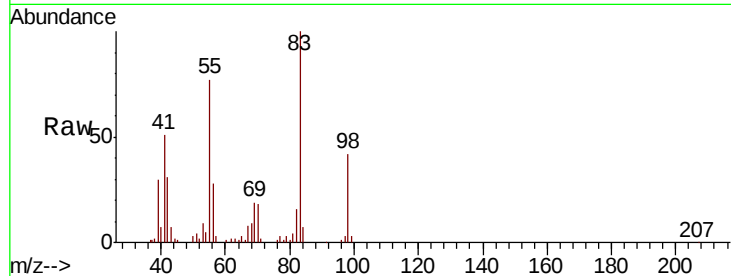




#39
Methvlcvclohexane
Concen: 19.540 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

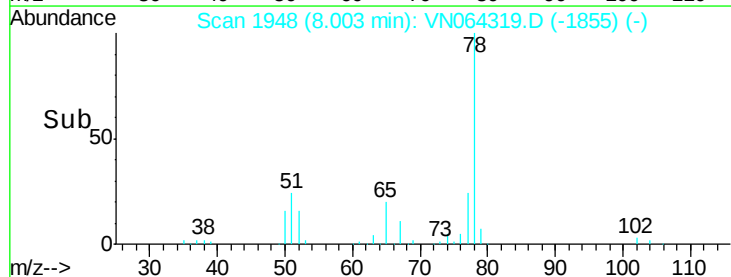
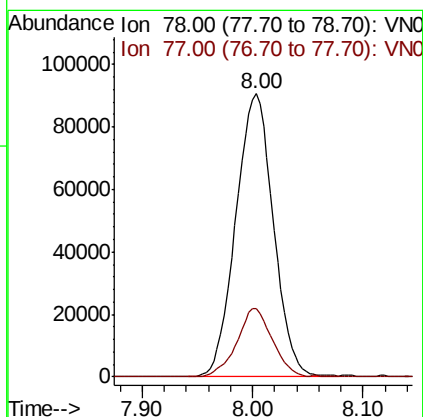
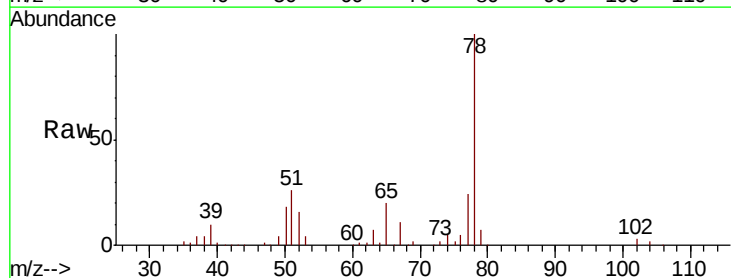
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

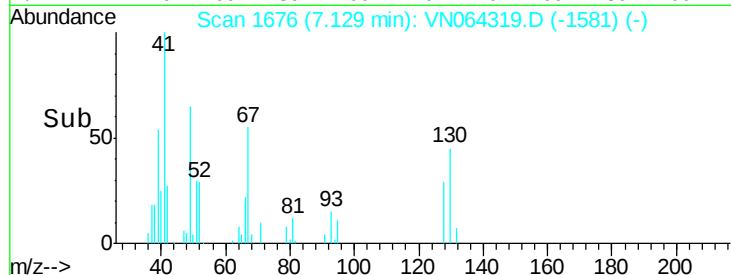
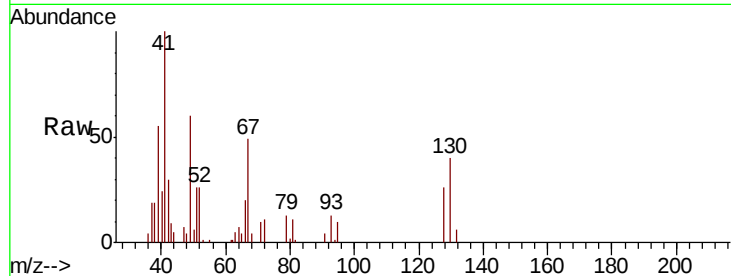
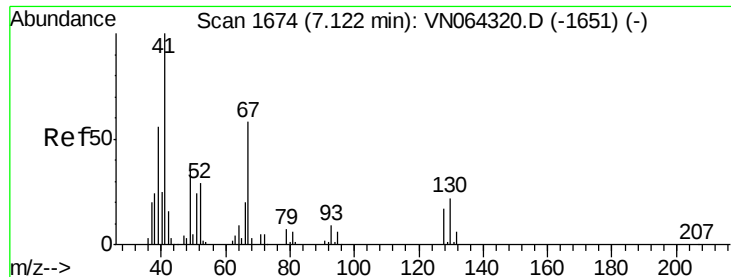
Tot Ion: 83 Resp: 77844
Ion Ratio Lower Upper
83 100
55 76.6 66.2 99.4
98 42.4 36.0 54.0



#40
Benzene
Concen: 17.881 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion: 78 Resp: 214264
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

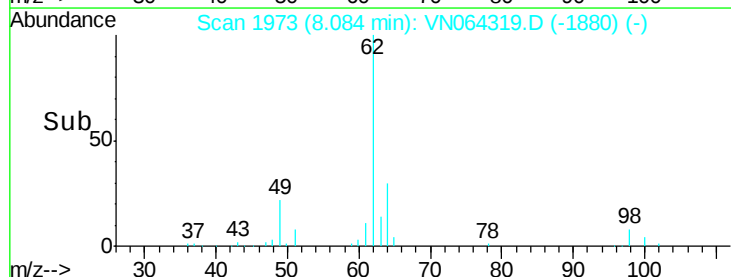
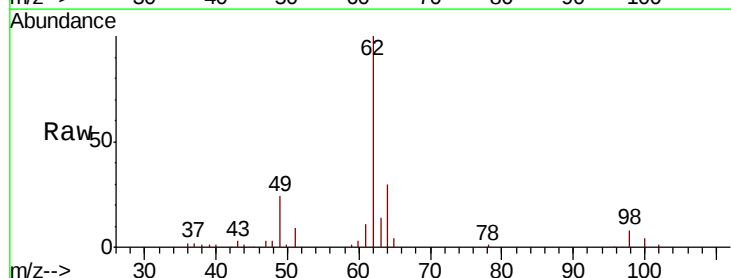
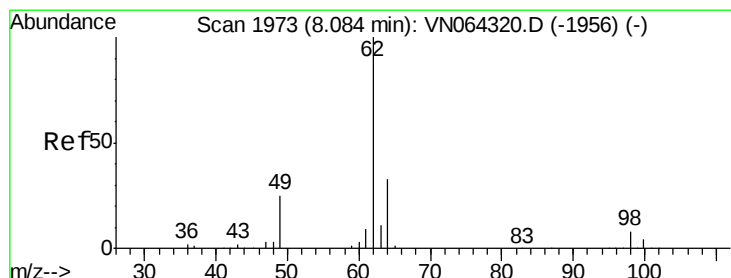
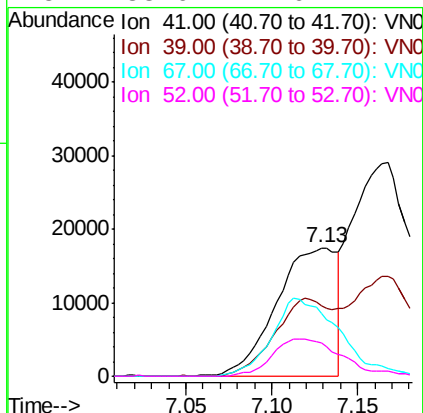




#41
Methacrylonitrile
Concen: 20.283 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

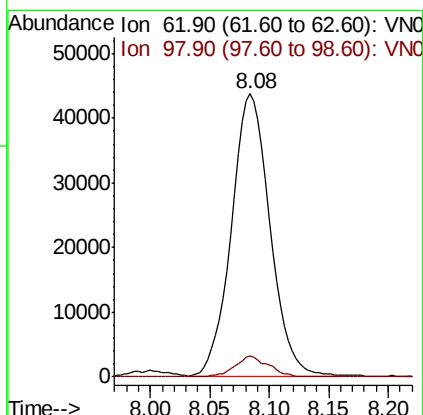
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

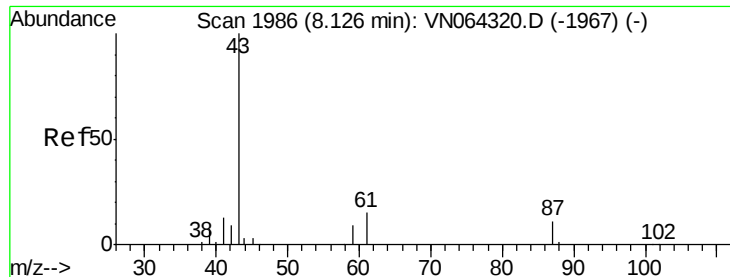
Tot Ion:	41	Resp:	42697
Ion	Ratio	Lower	Upper
41	100		
39	54.4	48.6	72.8
67	67.9	61.4	92.2
52	33.6	27.6	41.4



#42
1,2-Dichloroethane
Concen: 18.888 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion:	62	Resp:	97622
Ion	Ratio	Lower	Upper
62	100		
98	6.5	0.0	14.2





#43

Isopropyl Acetate

Concen: 18.310 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

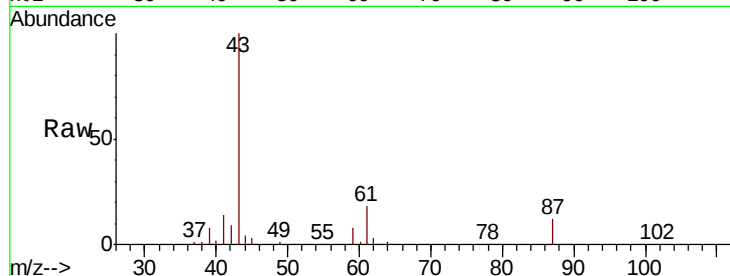
Tot Ion: 43 Resp: 135686

Ion Ratio Lower Upper

43 100

61 18.8 19.1 28.7#

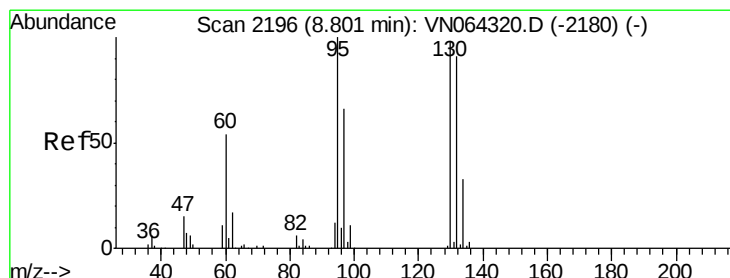
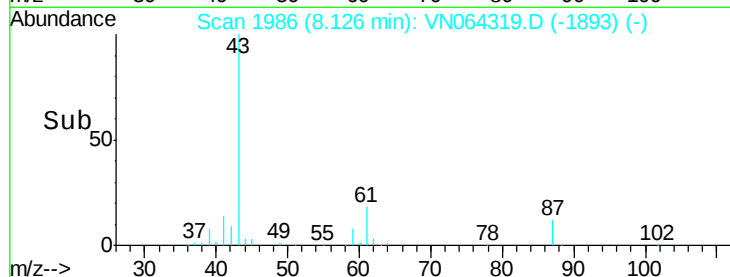
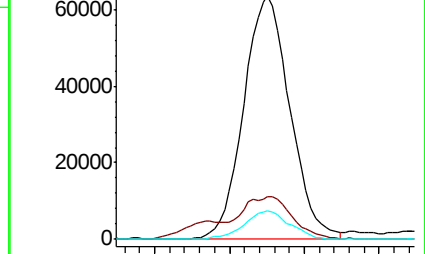
87 11.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064319.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064319.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064319.D (-1893) (-)



#44

Trichloroethene

Concen: 18.203 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064319.D

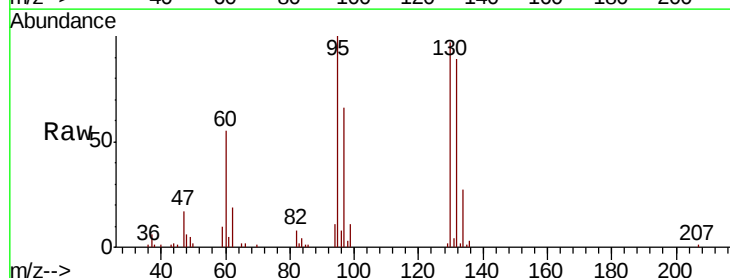
Acq: 27 Oct 2020 10:53

Tgt Ion:130 Resp: 59514

Ion Ratio Lower Upper

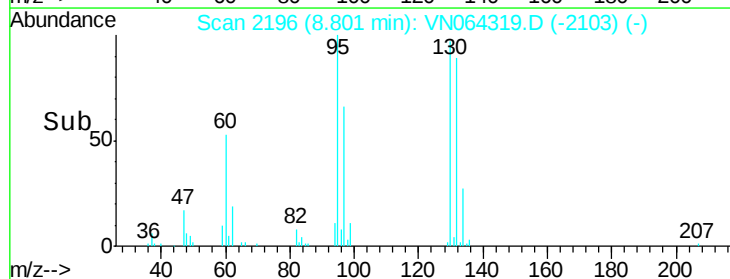
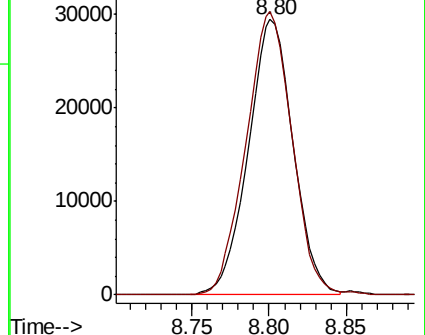
130 100

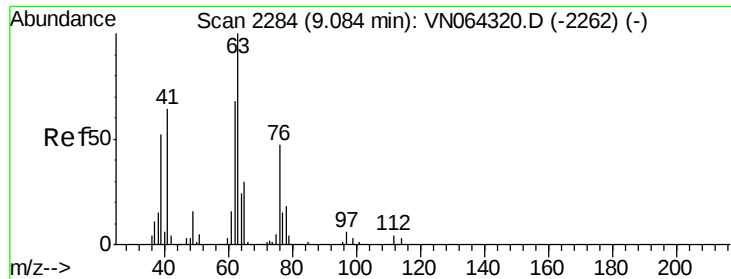
95 102.7 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN064319.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064319.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 18.621 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

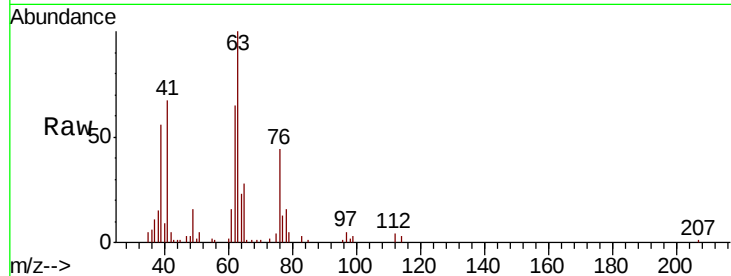
VSTDIC020

Tot Ion: 63 Resp: 59453

Ion Ratio Lower Upper

63 100

65 27.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN064320.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN064320.D (-2262) (-)

9.09

30000

25000

20000

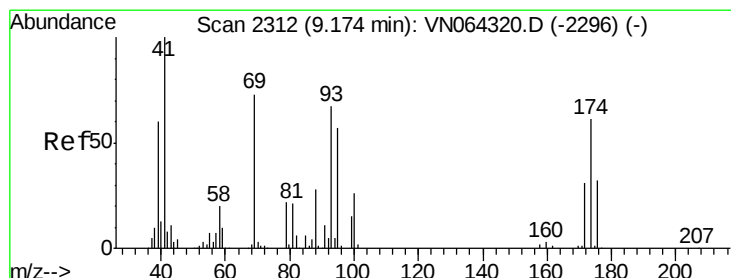
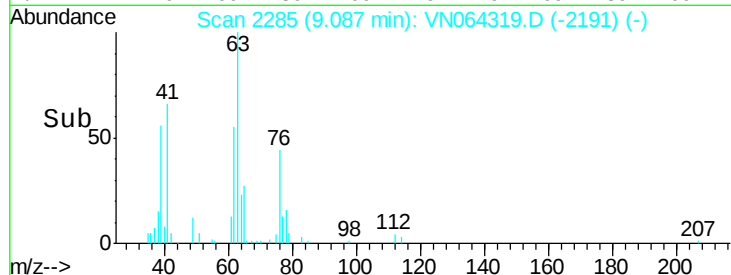
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 19.412 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

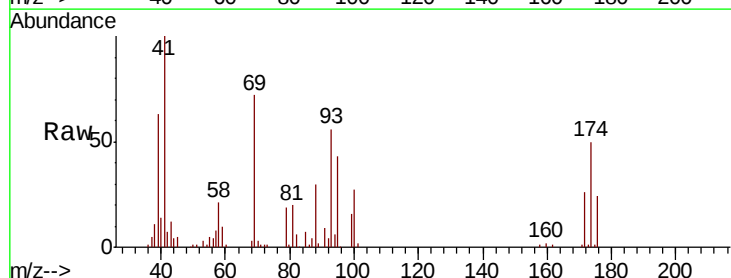
Tgt Ion: 93 Resp: 41959

Ion Ratio Lower Upper

93 100

95 80.9 64.4 96.6

174 87.0 71.4 107.0



Abundance Ion 92.80 (92.50 to 93.50): VN064320.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN064320.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN064320.D (-2296) (-)

9.17

25000

20000

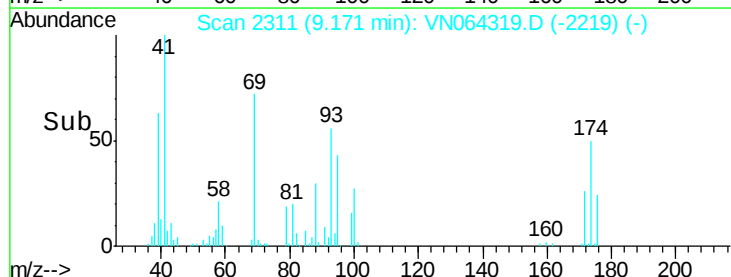
15000

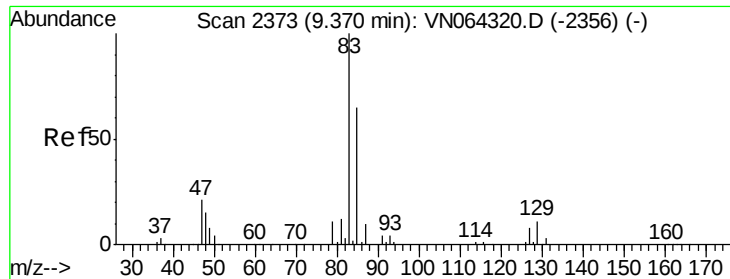
10000

5000

0

Time-->

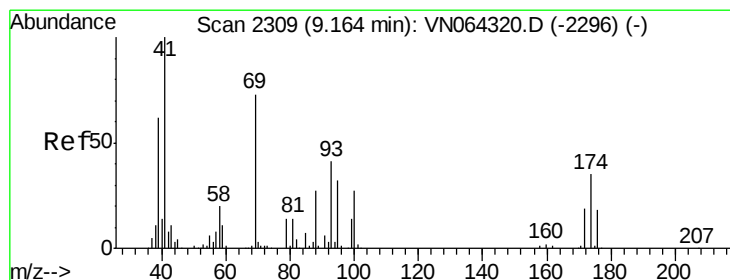
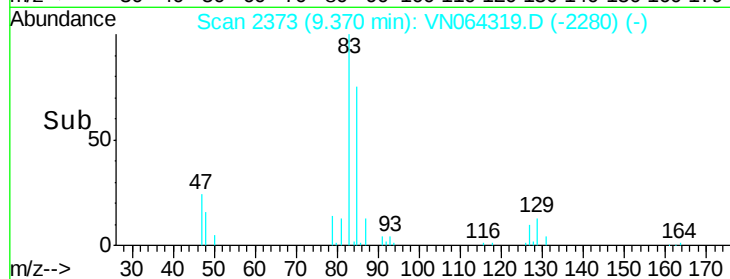
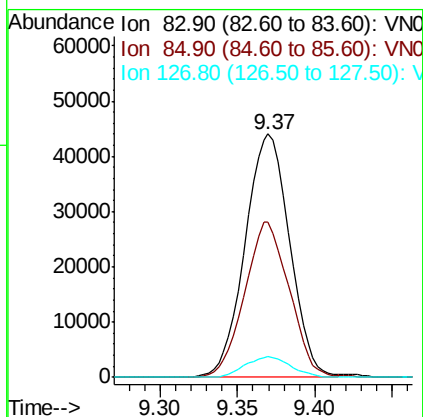
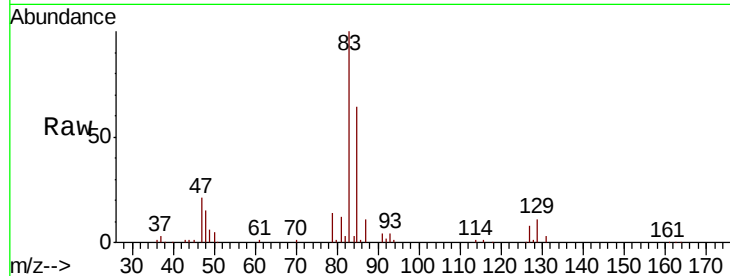




#47
Bromodichloromethane
Concen: 18.513 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

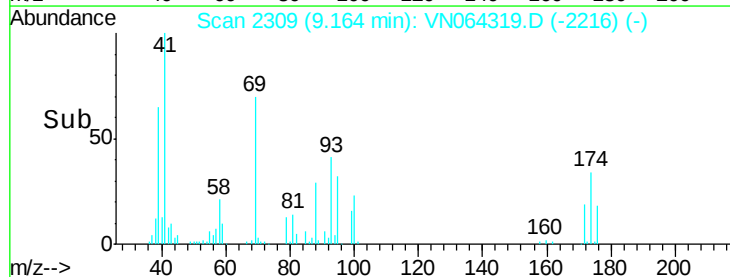
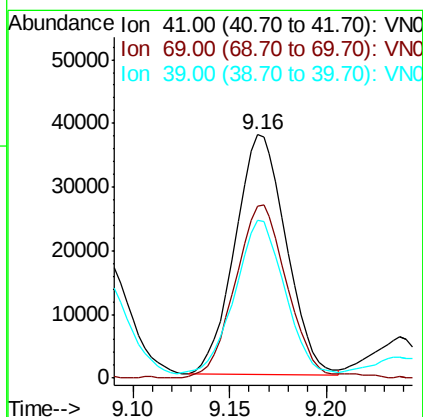
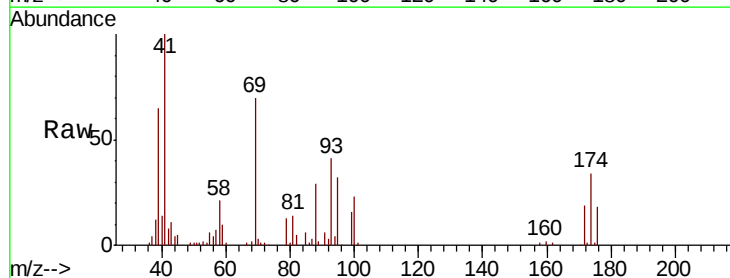
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

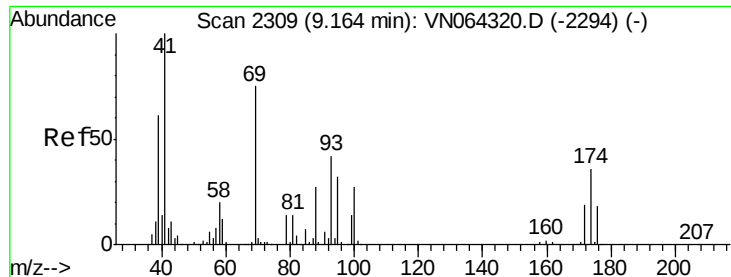
Tot Ion: 83 Resp: 88088
Ion Ratio Lower Upper
83 100
85 63.9 52.1 78.1
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 17.936 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion: 41 Resp: 69046
Ion Ratio Lower Upper
41 100
69 73.0 59.1 88.7
39 65.9 51.3 76.9

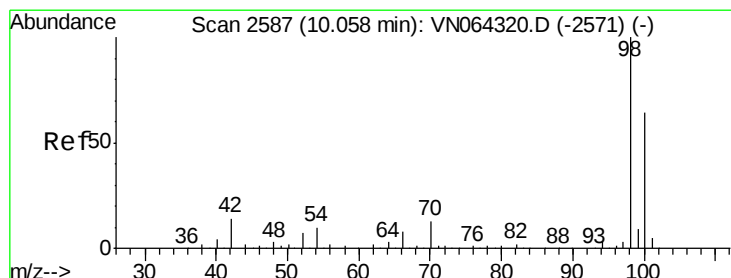
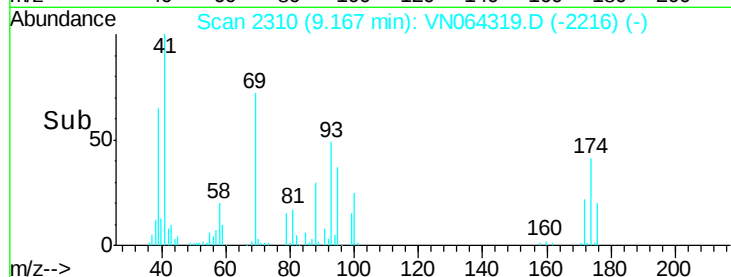
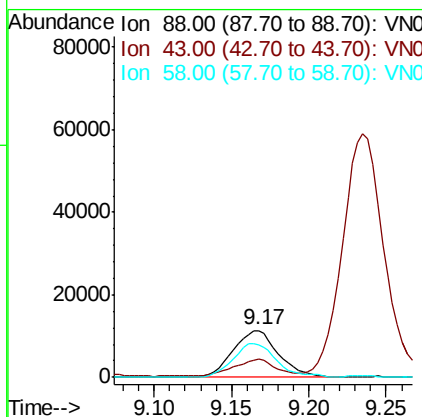
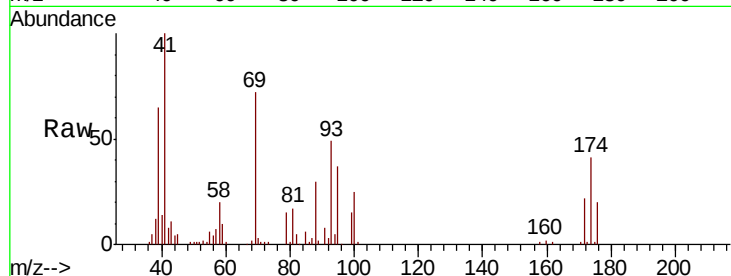




#49
 1,4-Dioxane
 Concen: 488.816 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

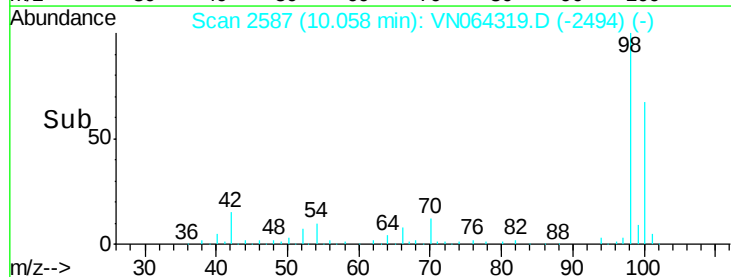
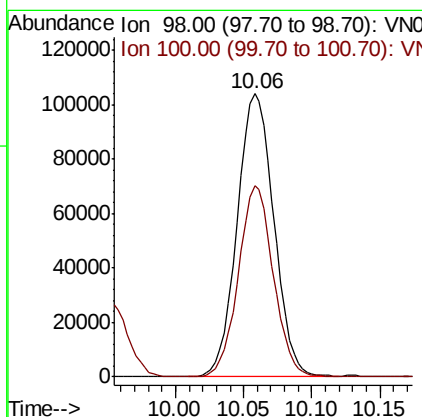
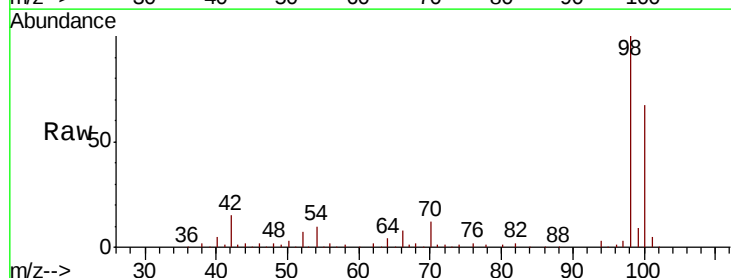
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

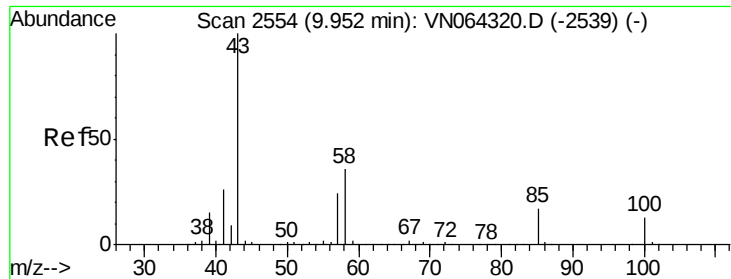
Tot Ion: 88 Resp: 23120
 Ion Ratio Lower Upper
 88 100
 43 32.0 31.8 47.8
 58 69.7 60.3 90.5



#50
 Toluene-d8
 Concen: 18.669 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 98 Resp: 194660
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 102.161 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

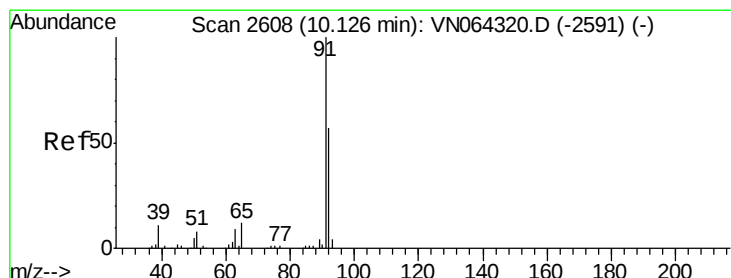
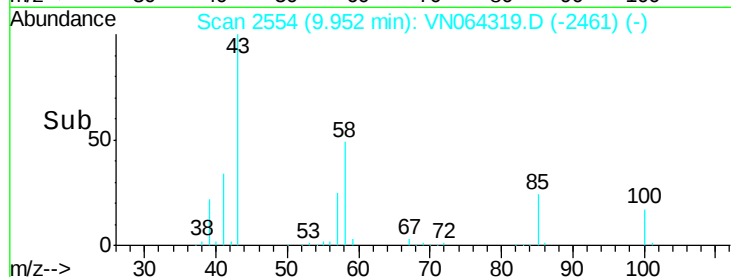
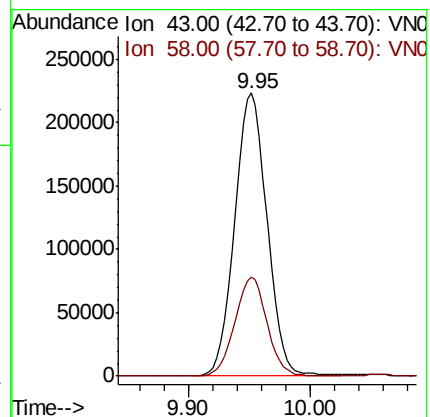
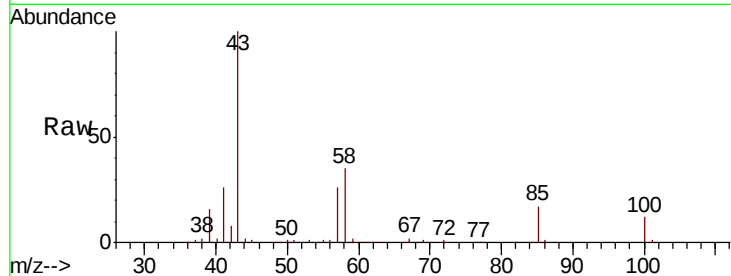
VSTDIC020

Tot Ion: 43 Resp: 409361

Ion Ratio Lower Upper

43 100

58 34.9 28.6 42.8



#52

Toluene

Concen: 17.559 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064319.D

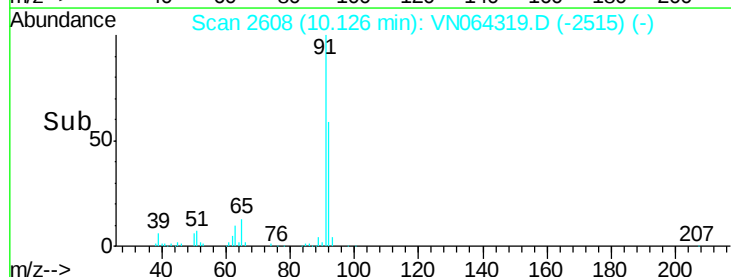
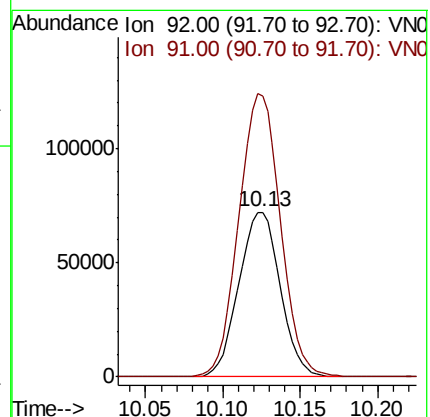
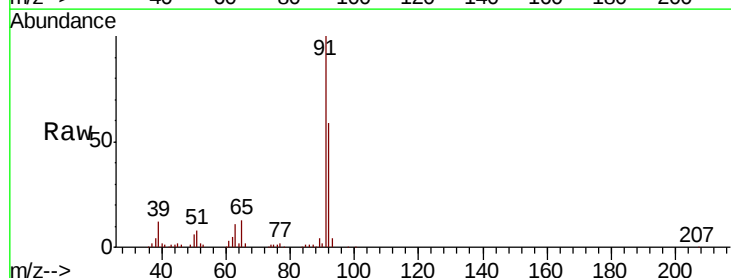
Acq: 27 Oct 2020 10:53

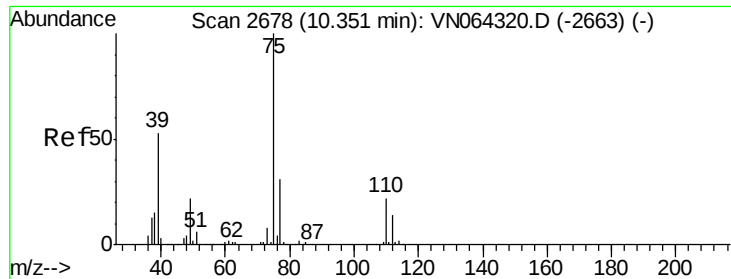
Tgt Ion: 92 Resp: 134307

Ion Ratio Lower Upper

92 100

91 172.7 139.9 209.9

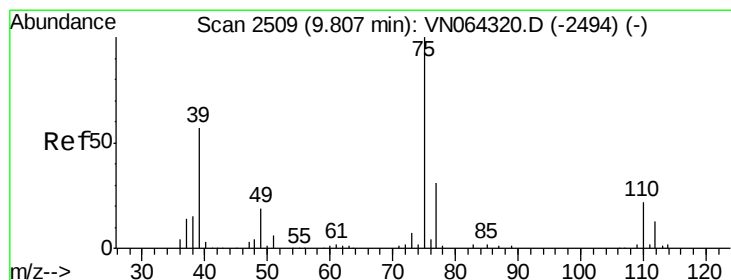
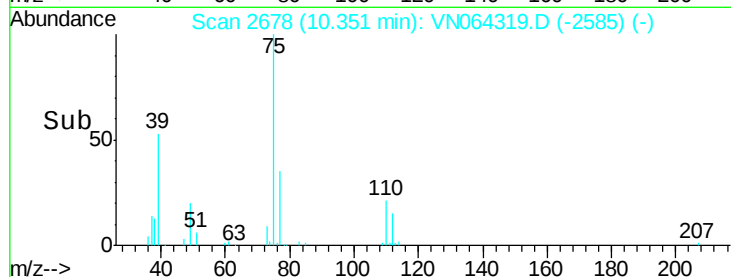
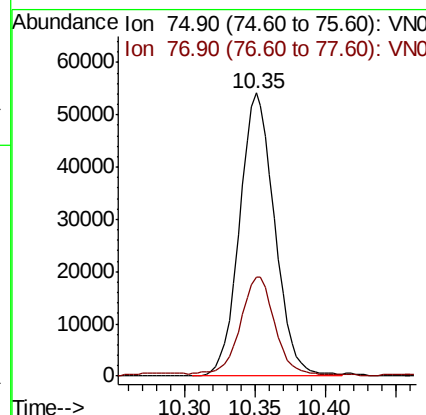
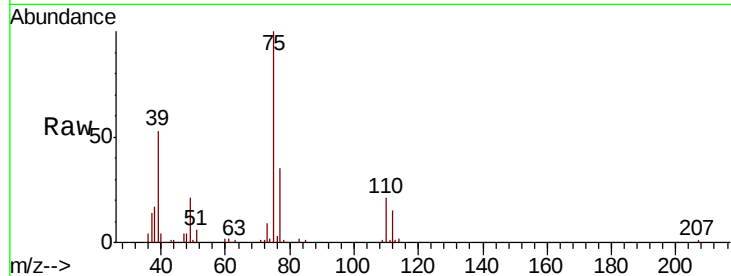




#53
t-1,3-Dichloropropene
Concen: 17.988 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

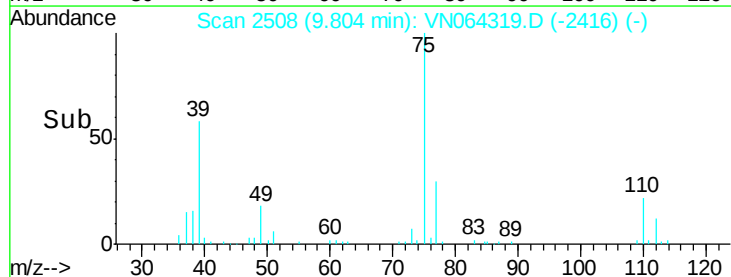
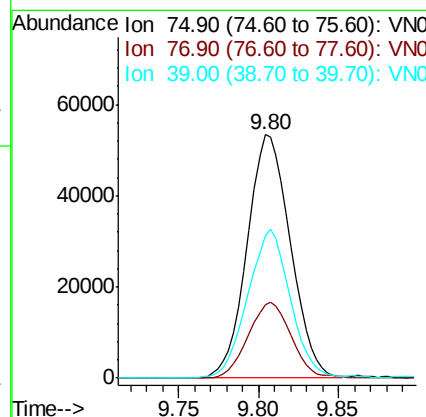
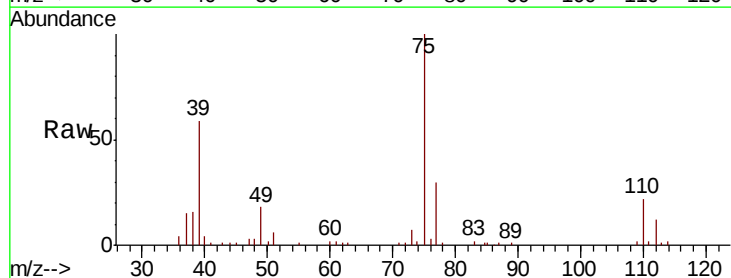
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

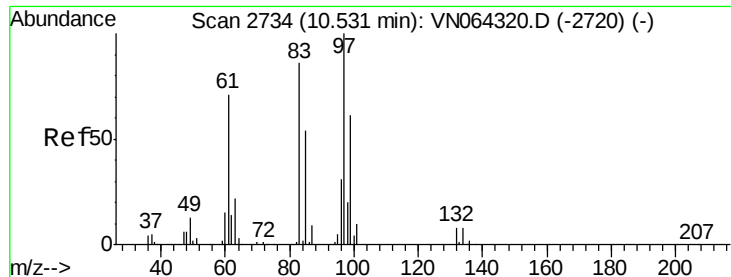
Tot Ion: 75 Resp: 94628
Ion Ratio Lower Upper
75 100
77 34.6 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 17.824 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion: 75 Resp: 99061
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4
39 58.7 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 18.824 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 54644

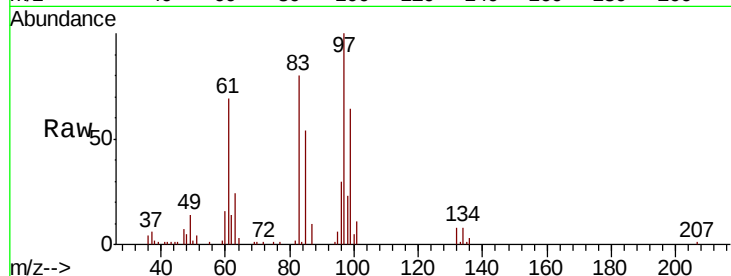
Ion Ratio Lower Upper

97 100

83 80.1 68.9 103.3

85 53.7 43.6 65.4

99 64.3 49.2 73.8

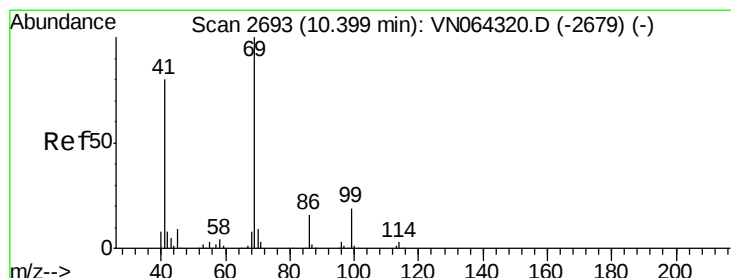
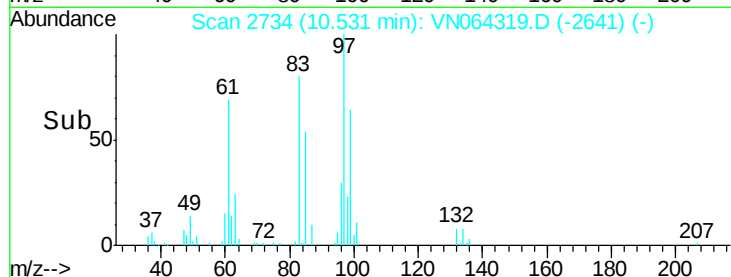
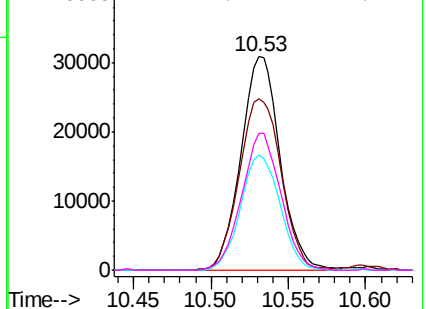


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.903 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

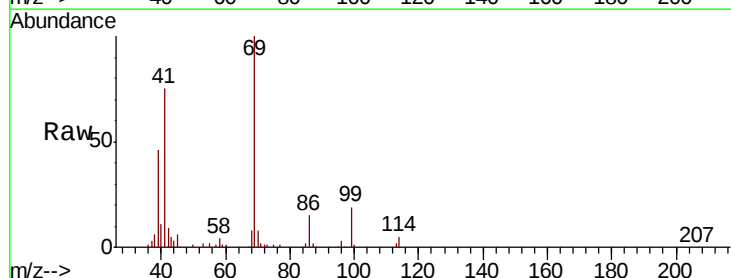
Tgt Ion: 69 Resp: 84917

Ion Ratio Lower Upper

69 100

41 74.5 61.4 92.2

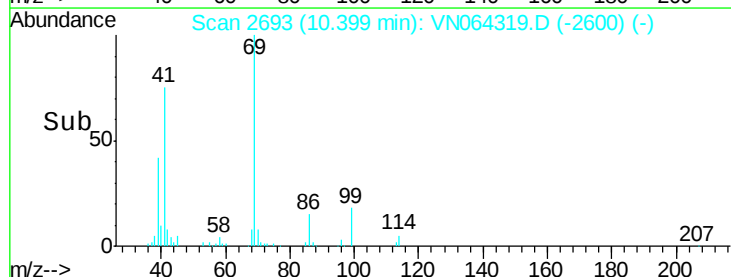
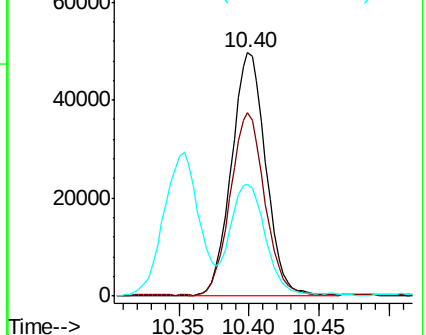
39 46.4 36.5 54.7

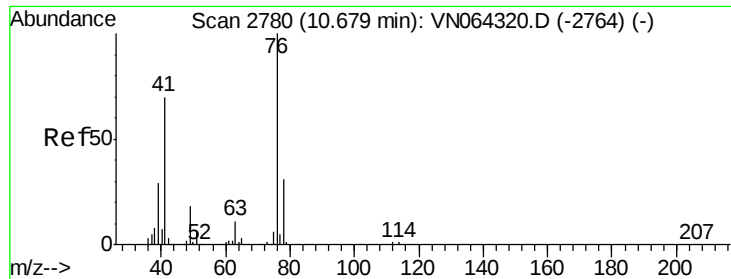


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.651 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampled :

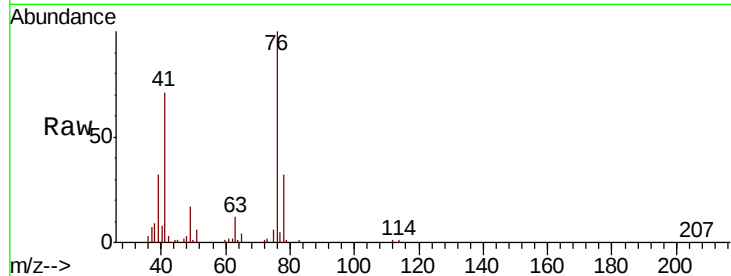
VSTDIC020

Tot Ion: 76 Resp: 94117

Ion Ratio Lower Upper

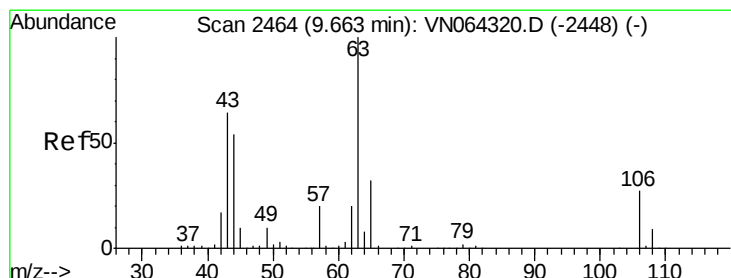
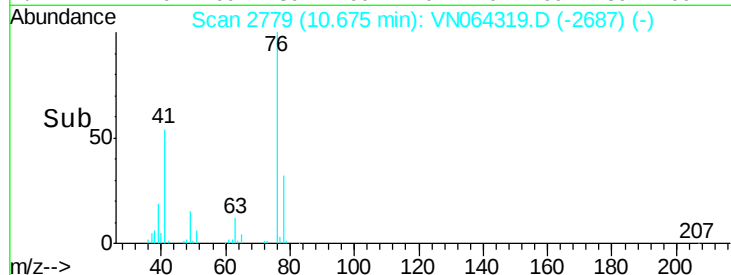
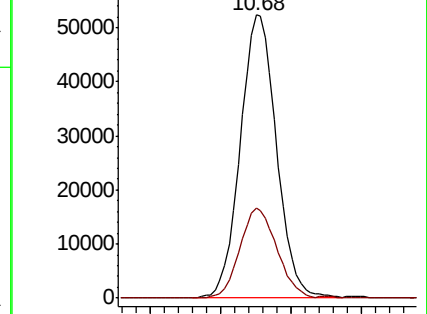
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN064320.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN064320.D (-2764) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 96.864 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064319.D

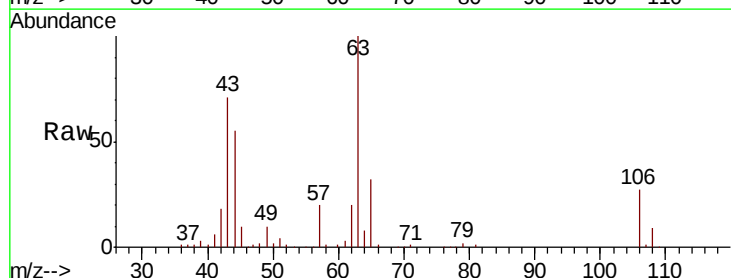
Acq: 27 Oct 2020 10:53

Tgt Ion: 63 Resp: 223297

Ion Ratio Lower Upper

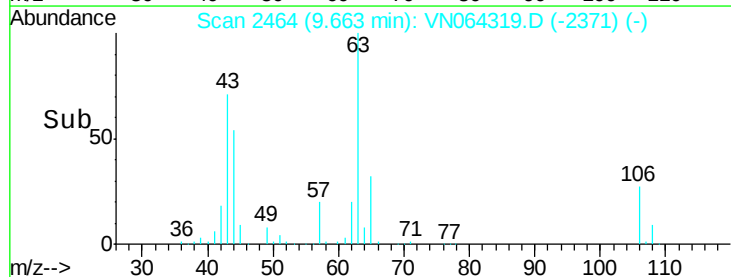
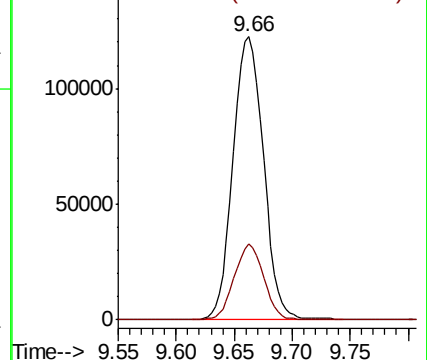
63 100

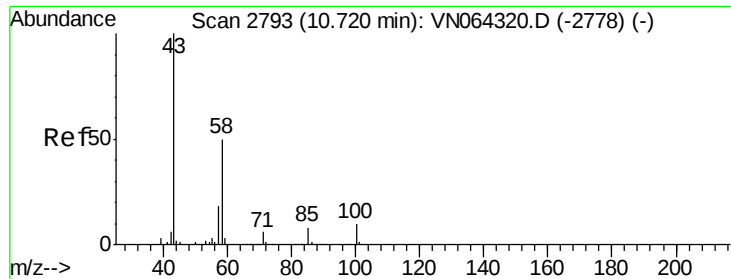
106 26.0 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VN064320.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN064320.D (-2448) (-)

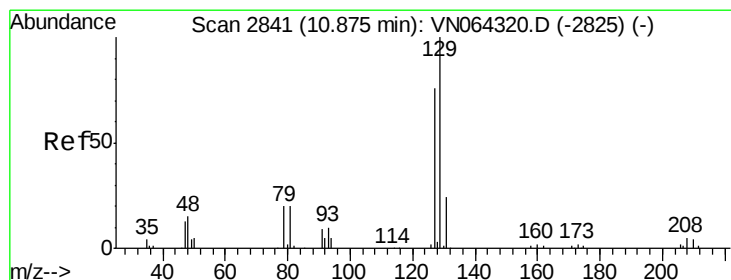
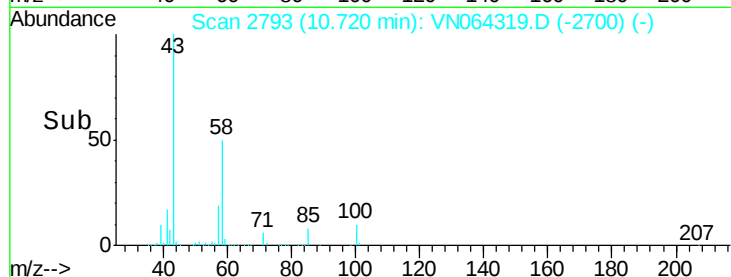
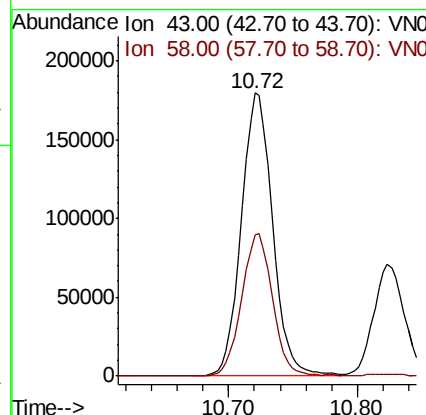
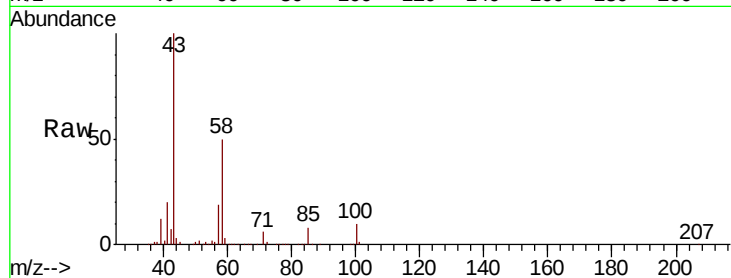




#59
2-Hexanone
Concen: 103.163 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

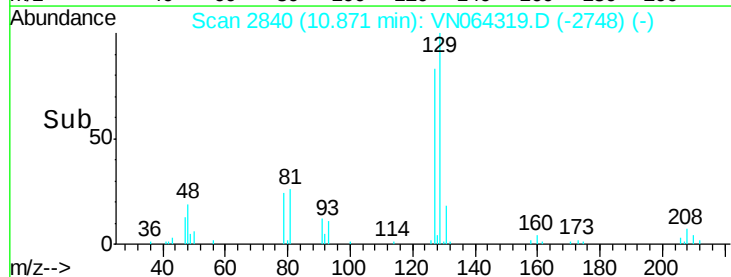
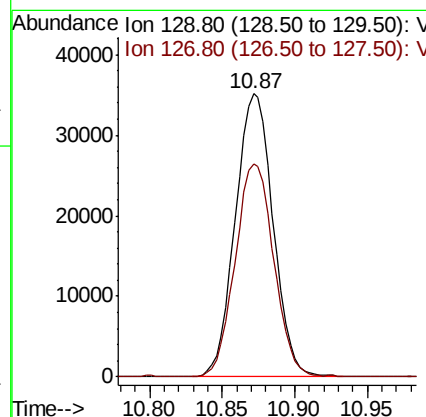
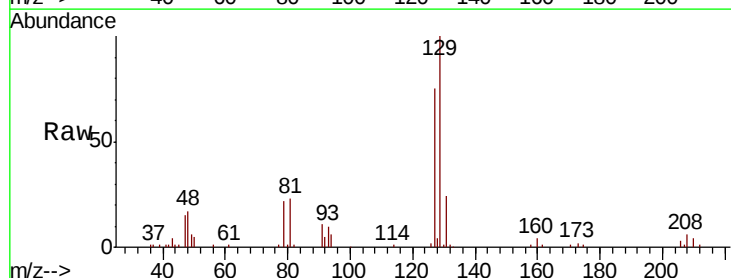
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

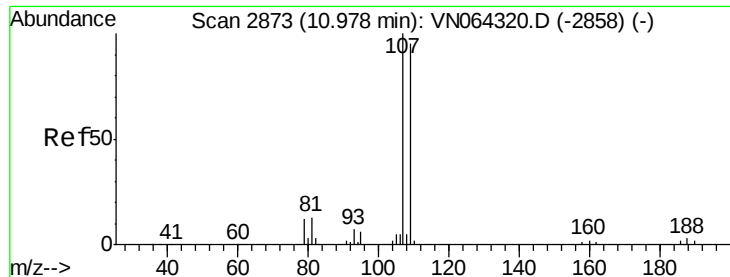
Tot Ion: 43 Resp: 302924
Ion Ratio Lower Upper
43 100
58 49.4 25.0 75.0



#60
Dibromochloromethane
Concen: 16.948 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion: 129 Resp: 63625
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.039 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

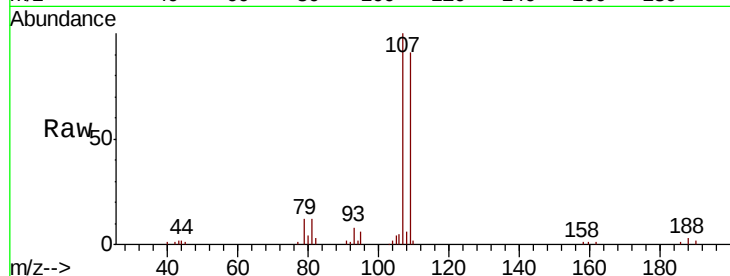
VSTDIC020

Tot Ion:107 Resp: 58477

Ion Ratio Lower Upper

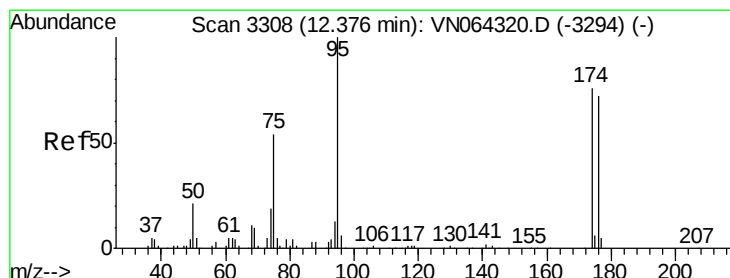
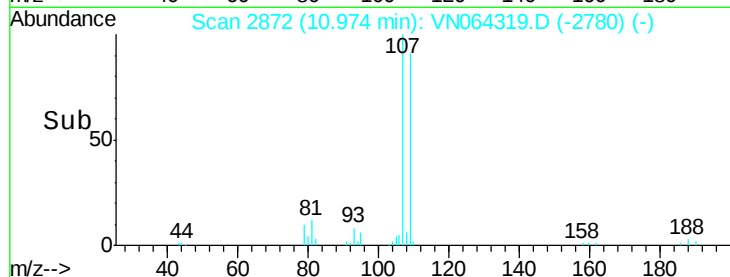
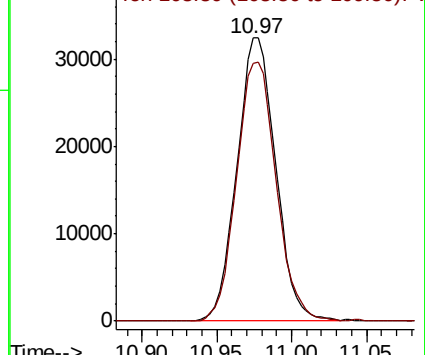
107 100

109 93.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 17.616 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

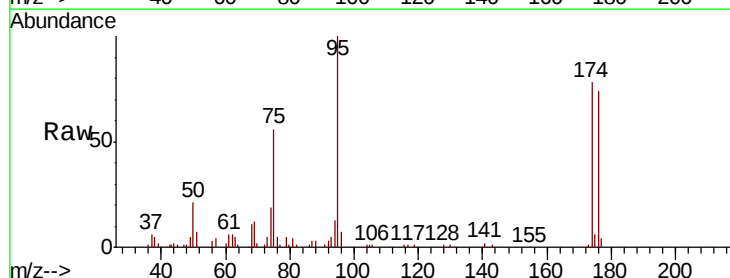
Tgt Ion: 95 Resp: 74501

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.4

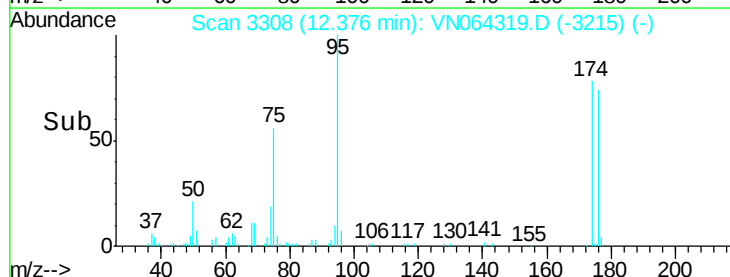
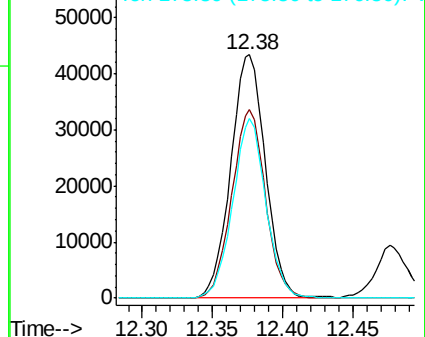
176 70.3 0.0 143.6

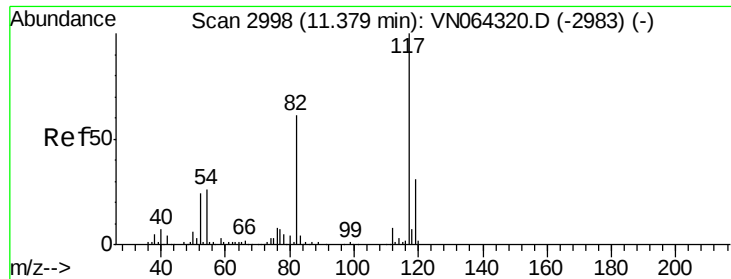


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

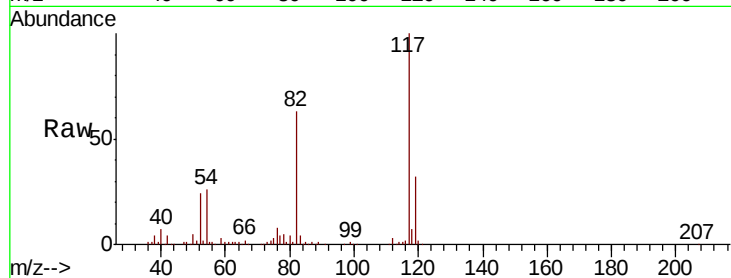




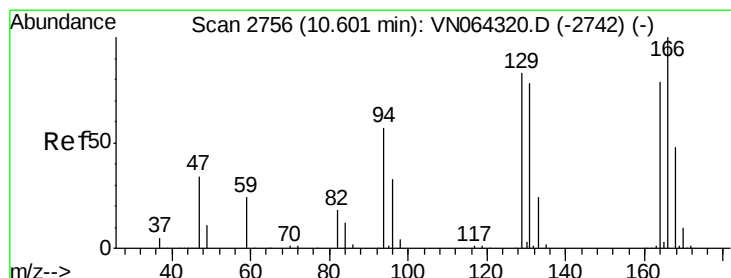
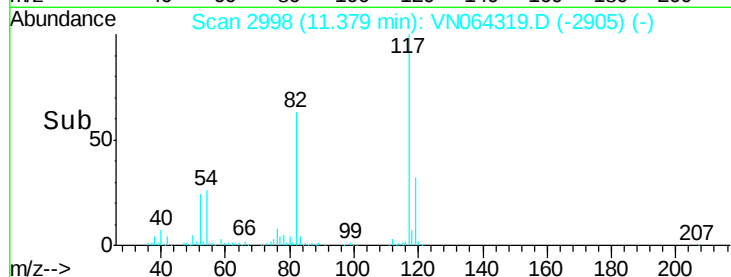
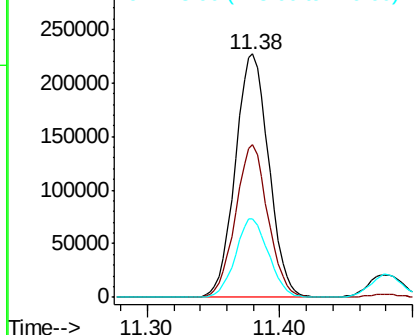
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:117 Resp: 398180
Ion Ratio Lower Upper
117 100
82 62.6 48.8 73.2
119 32.0 25.1 37.7

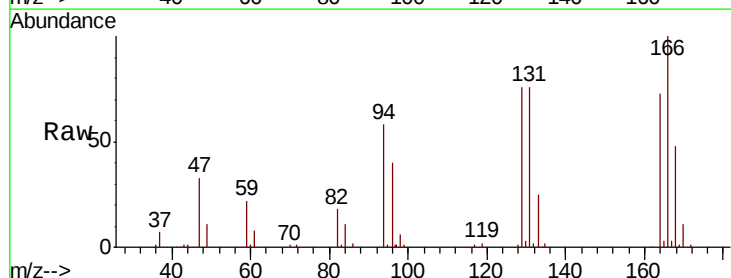


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

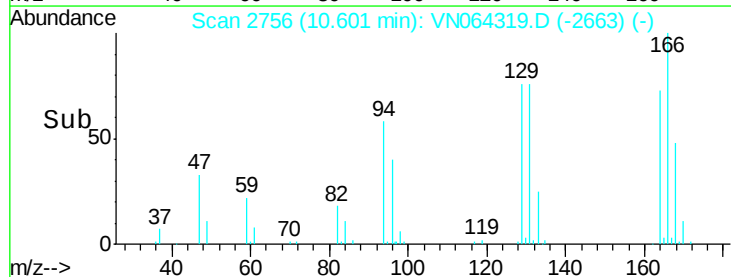
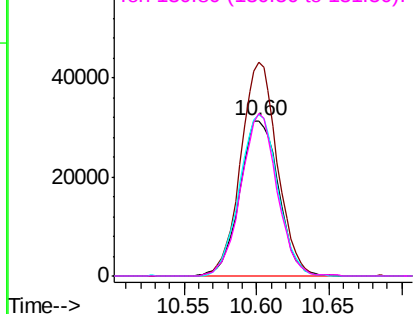


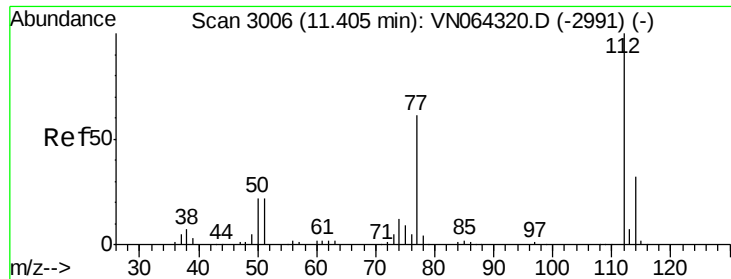
#64
Tetrachloroethene
Concen: 18.114 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion:164 Resp: 58246
Ion Ratio Lower Upper
164 100
166 137.3 100.7 151.1
129 103.7 83.7 125.5
131 104.8 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

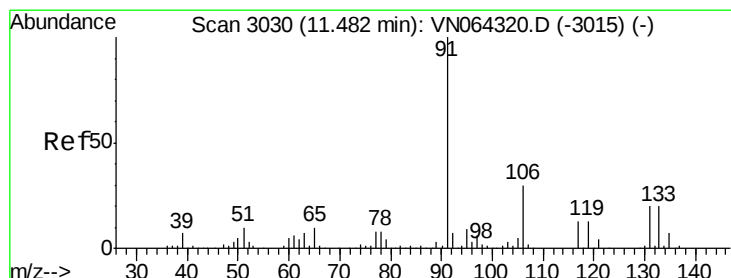
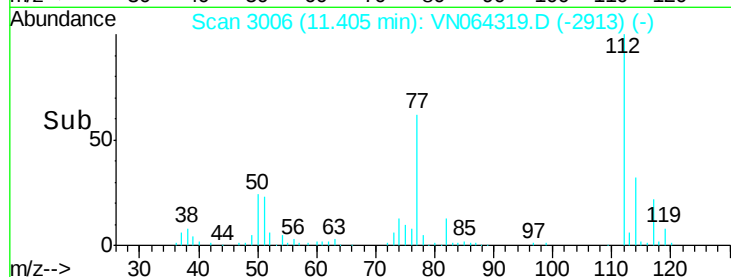
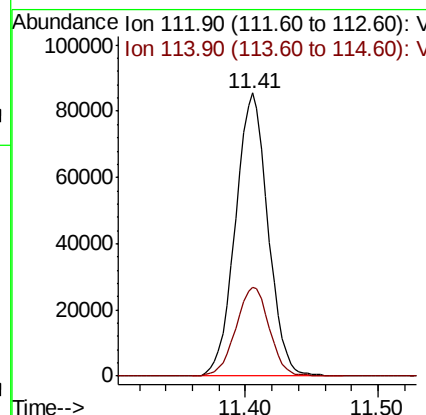
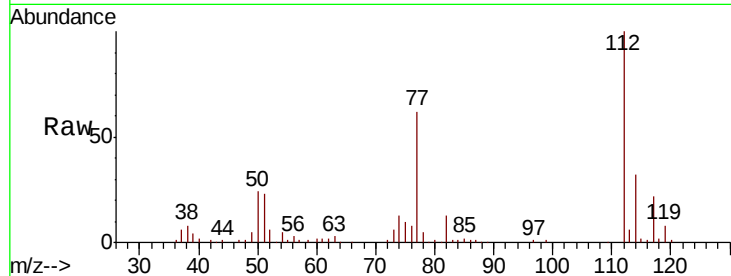




#65
Chlorobenzene
Concen: 17.709 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

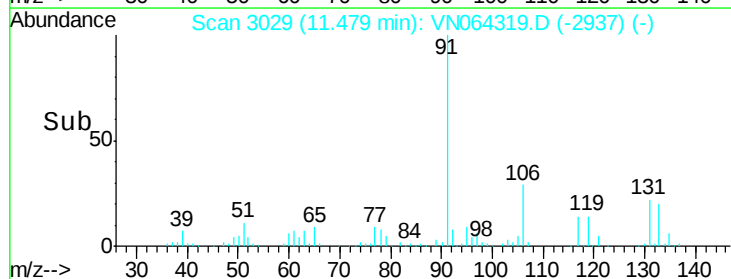
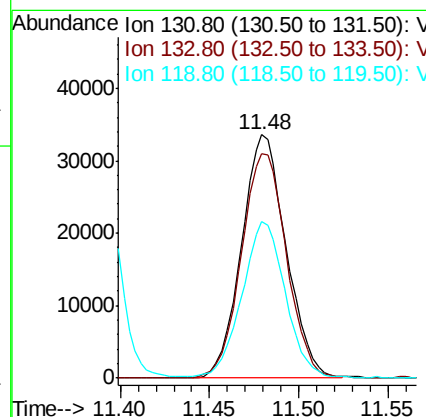
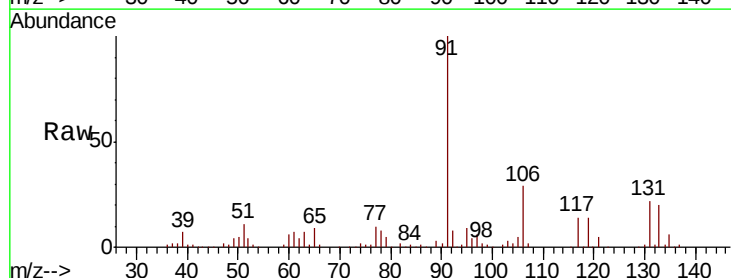
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

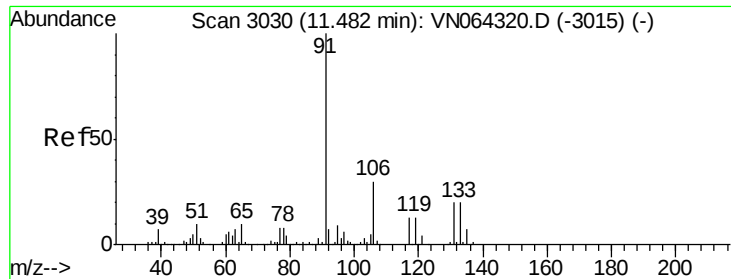
Tot Ion:112 Resp: 145363
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 17.931 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion:131 Resp: 58433
Ion Ratio Lower Upper
131 100
133 93.7 49.3 147.8
119 63.3 32.3 96.9





#67

Ethyl Benzene

Concen: 17.936 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampled :

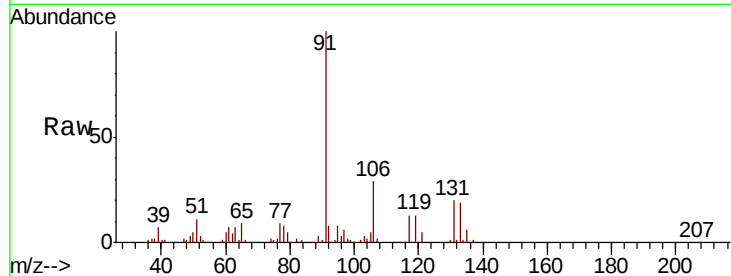
VSTDIC020

Tot Ion: 91 Resp: 271137

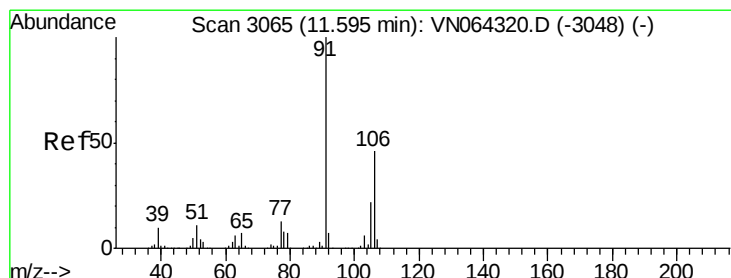
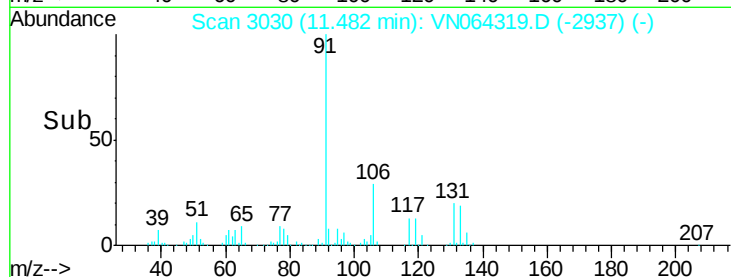
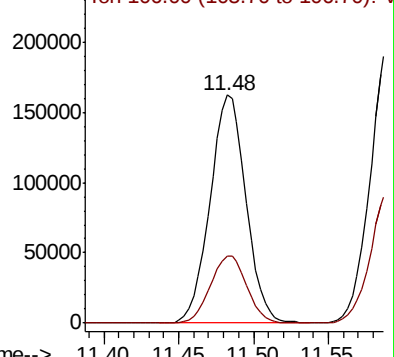
Ion Ratio Lower Upper

91 100

106 29.2 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3015) (-)



#68

m/p-Xylenes

Concen: 35.968 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064319.D

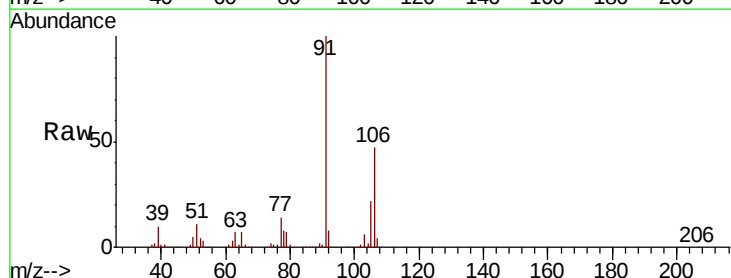
Acq: 27 Oct 2020 10:53

Tgt Ion: 106 Resp: 201603

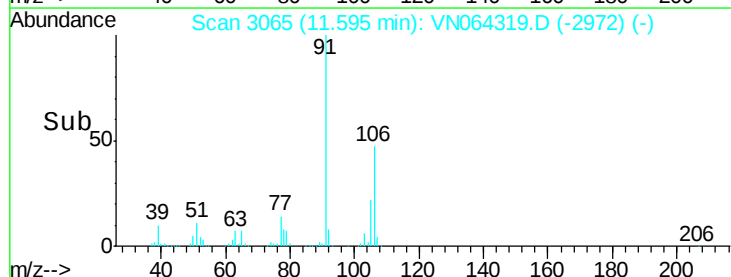
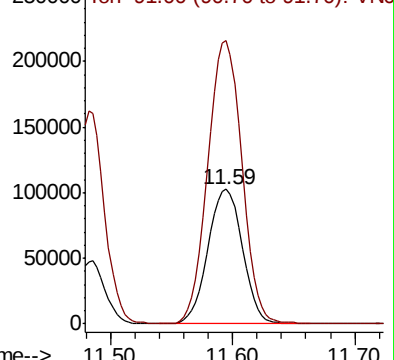
Ion Ratio Lower Upper

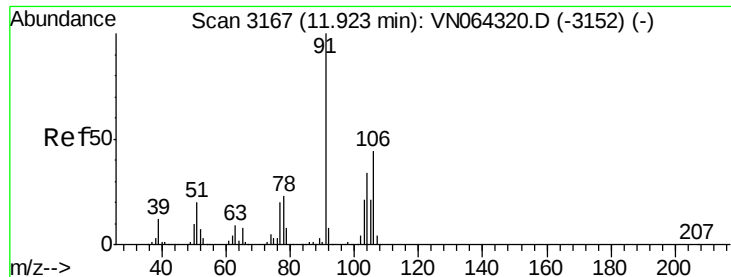
106 100

91 207.0 170.2 255.4



Abundance Ion 106.00 (105.70 to 106.70): VN064320.D (-3048) (-)

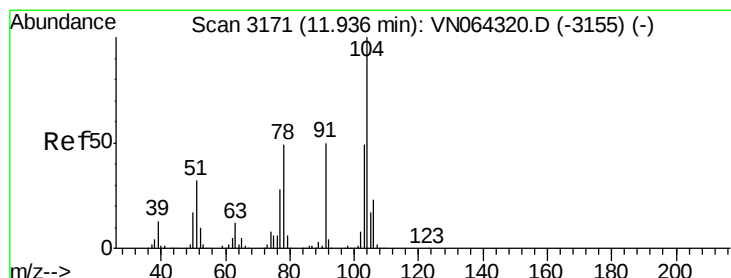
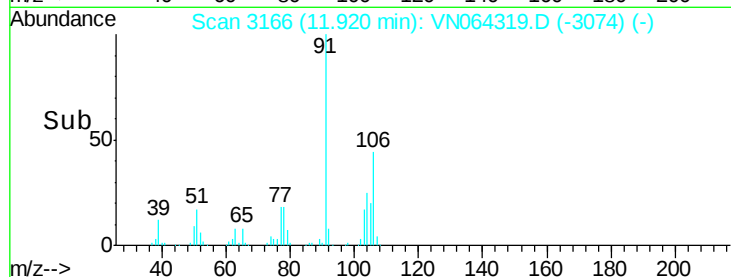
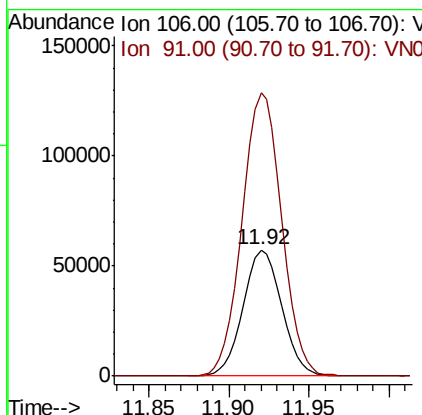
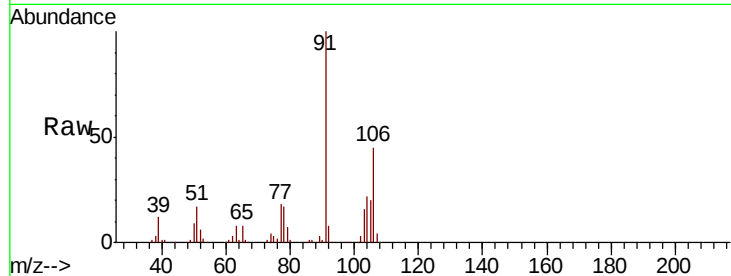




#69
o-Xylene
Concen: 17.535 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

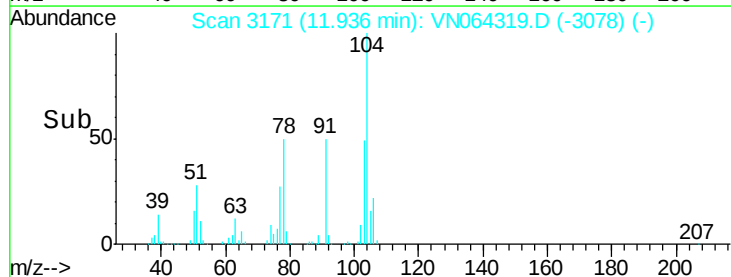
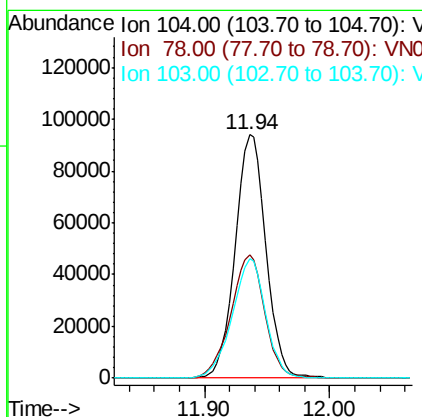
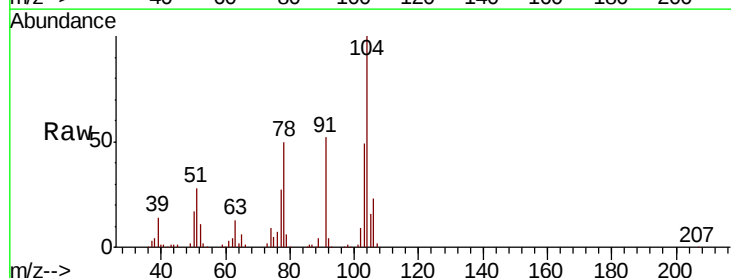
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

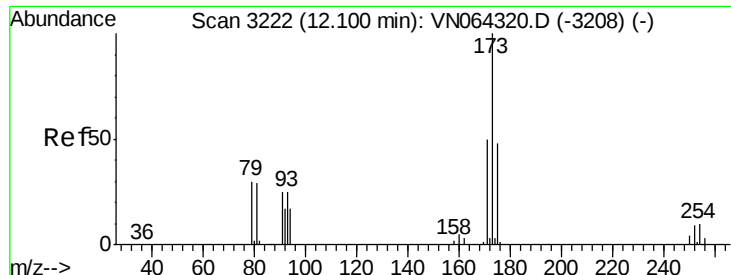
Tot Ion:106 Resp: 94421
Ion Ratio Lower Upper
106 100
91 229.1 114.5 343.5



#70
Styrene
Concen: 17.681 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion:104 Resp: 160295
Ion Ratio Lower Upper
104 100
78 55.8 43.7 65.5
103 53.4 43.3 64.9





#71

Bromoform

Concen: 17.984 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

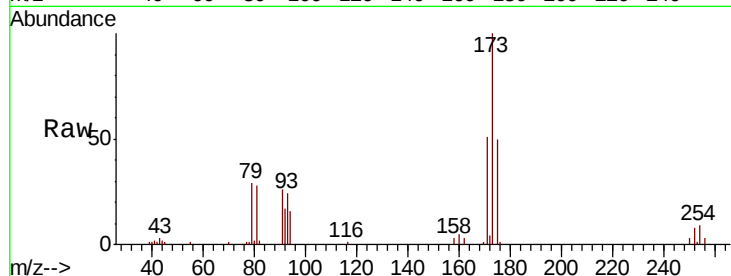
Tot Ion:173 Resp: 45377

Ion Ratio Lower Upper

173 100

175 51.5 25.4 76.0

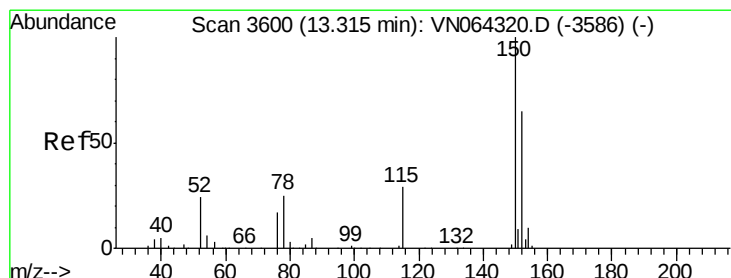
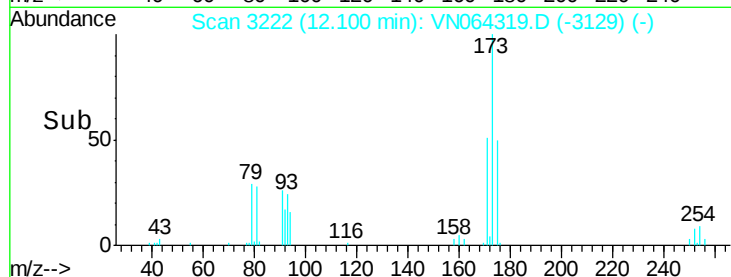
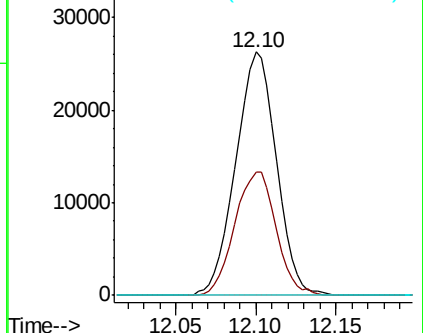
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

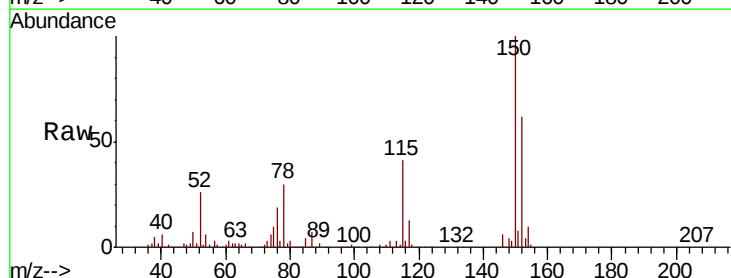
Tgt Ion:152 Resp: 184964

Ion Ratio Lower Upper

152 100

115 64.3 31.5 94.5

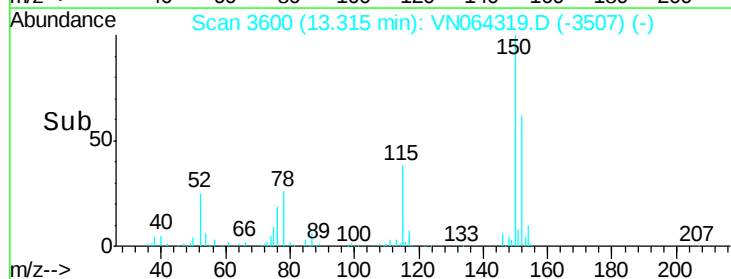
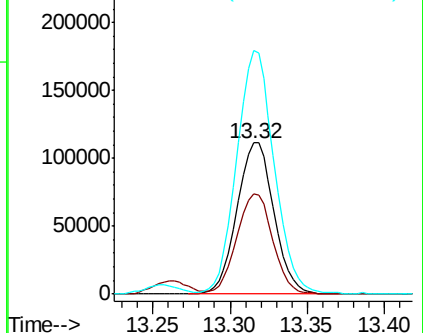
150 162.8 0.0 346.2

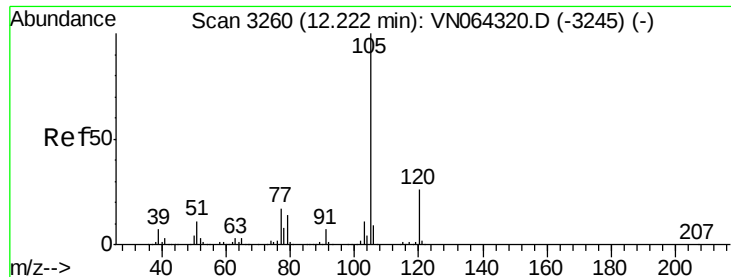


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.081 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

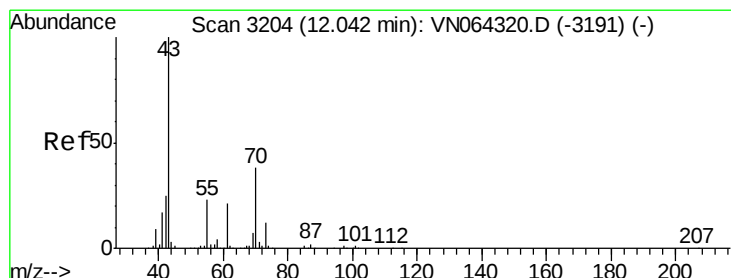
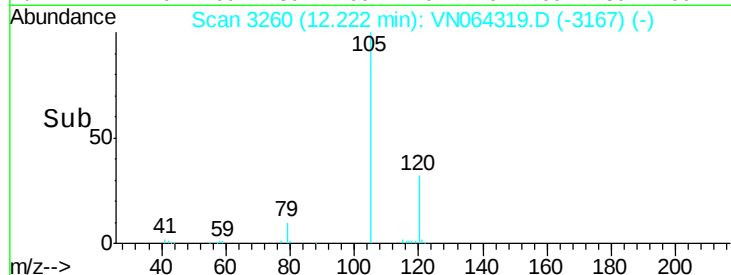
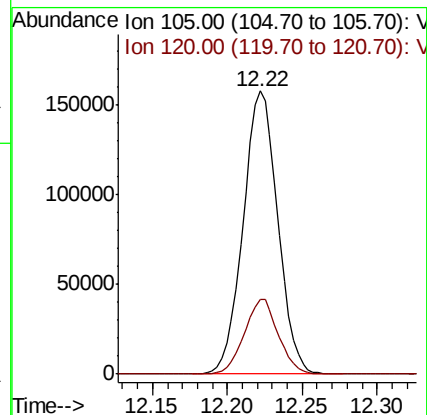
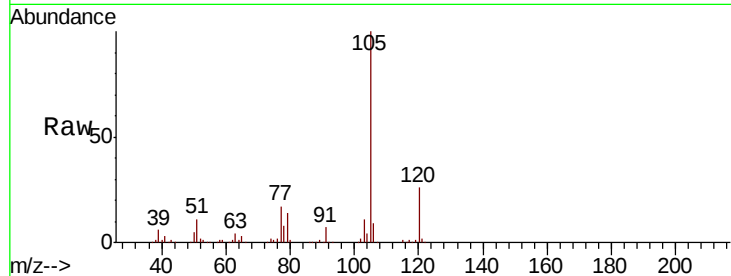
VSTDIC020

Tot Ion:105 Resp: 253623

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 18.752 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion: 43 Resp: 114465

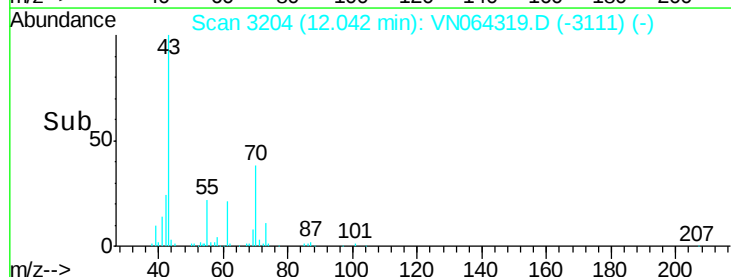
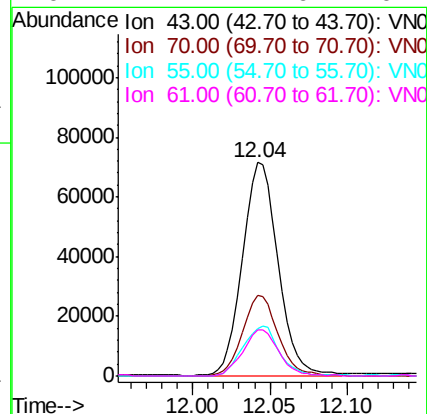
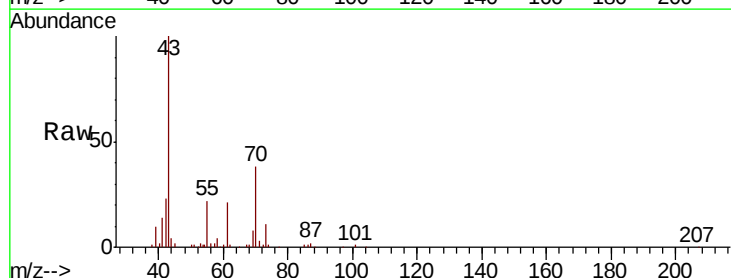
Ion Ratio Lower Upper

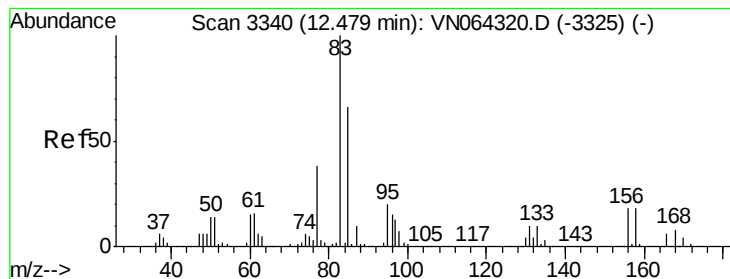
43 100

70 37.8 30.6 45.8

55 23.8 18.2 27.4

61 21.7 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.651 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

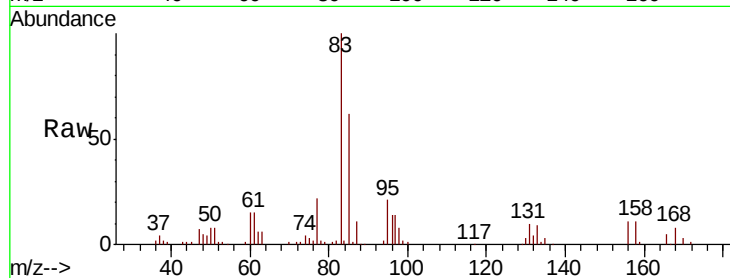
Tot Ion: 83 Resp: 74150

Ion Ratio Lower Upper

83 100

131 9.8 5.4 16.2

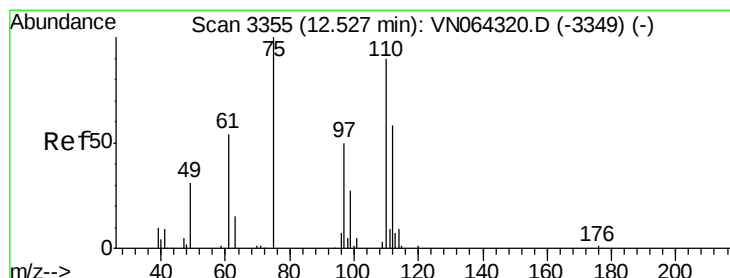
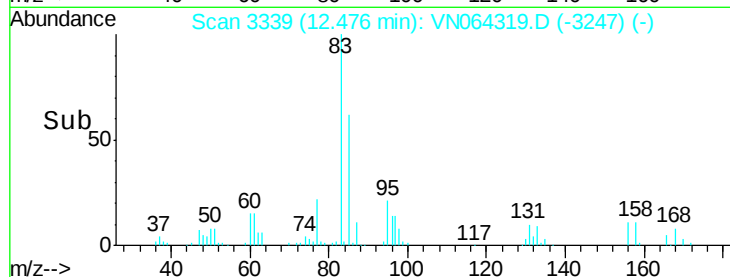
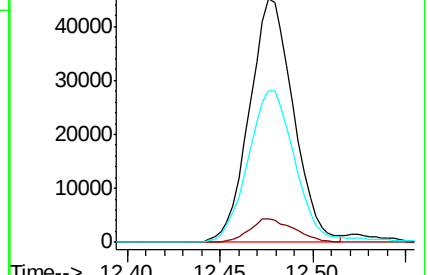
85 67.2 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064320.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 27.667 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064319.D

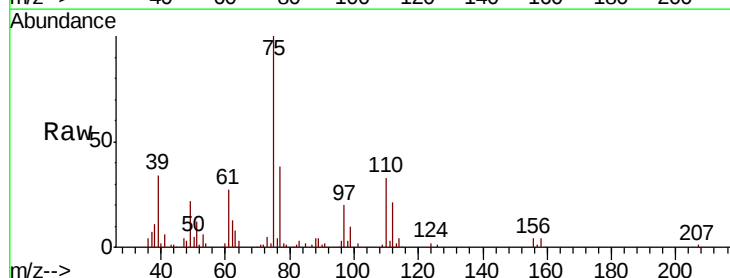
Acq: 27 Oct 2020 10:53

Tgt Ion: 75 Resp: 111184

Ion Ratio Lower Upper

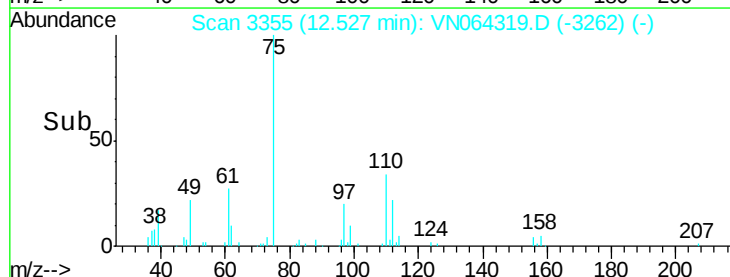
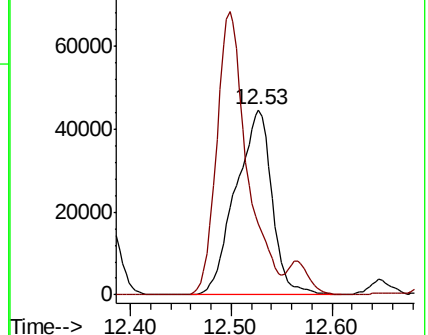
75 100

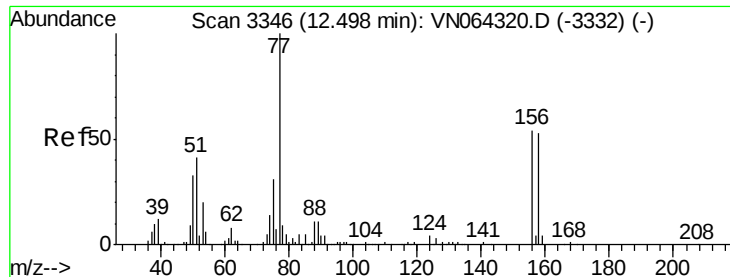
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064320.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064320.D (-3349) (-)





#77

Bromobenzene

Concen: 18.181 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

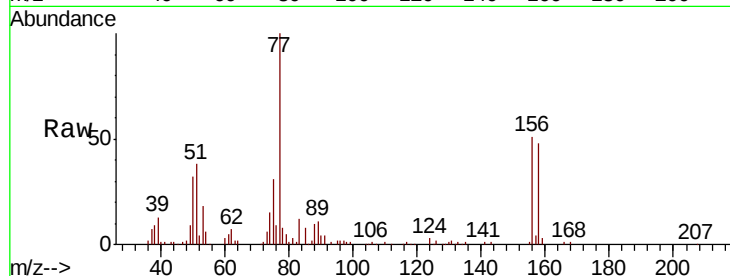
Tot Ion:156 Resp: 60666

Ion Ratio Lower Upper

156 100

77 235.9 111.9 335.7

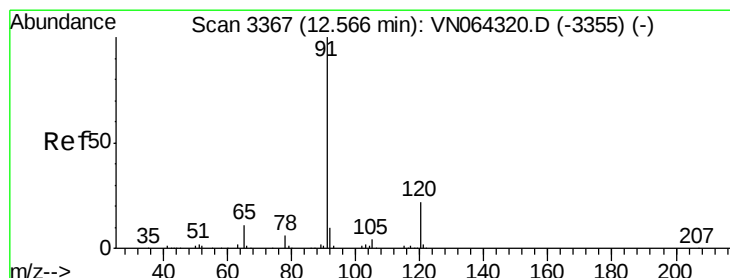
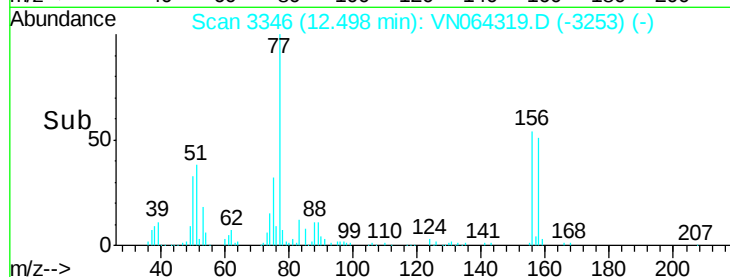
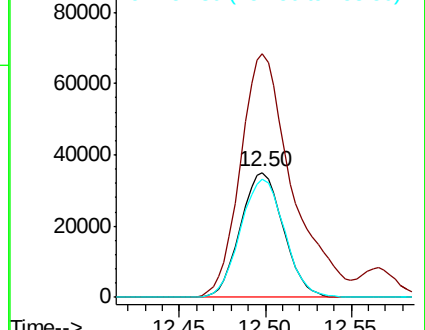
158 97.5 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.279 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064319.D

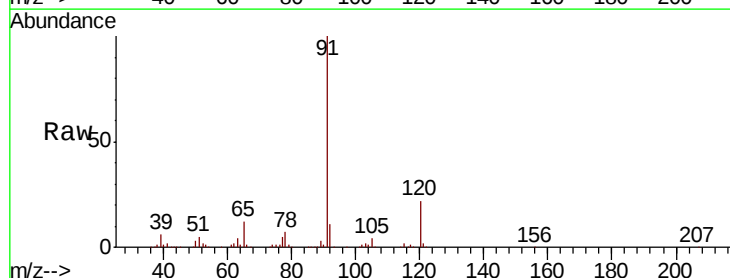
Acq: 27 Oct 2020 10:53

Tgt Ion: 91 Resp: 290099

Ion Ratio Lower Upper

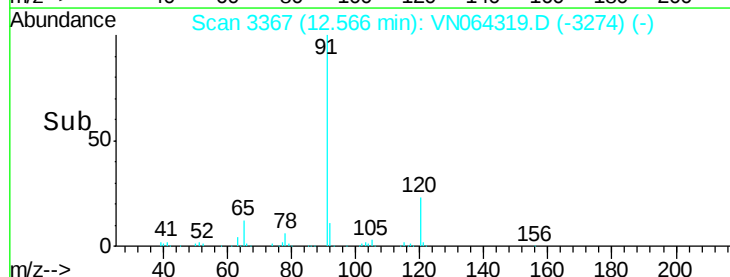
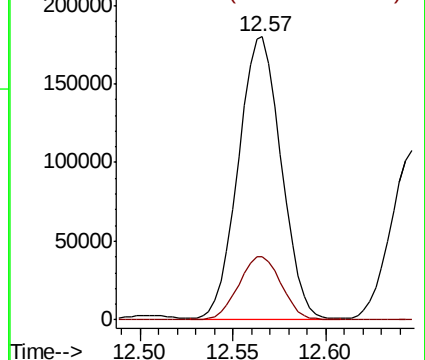
91 100

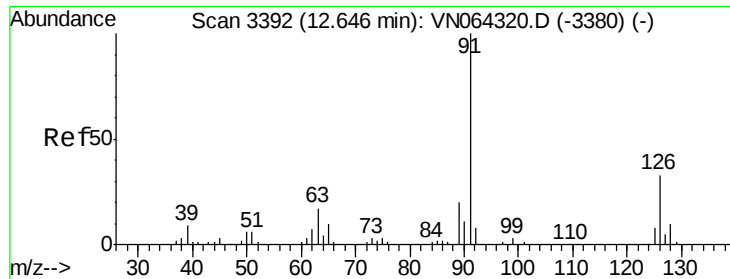
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

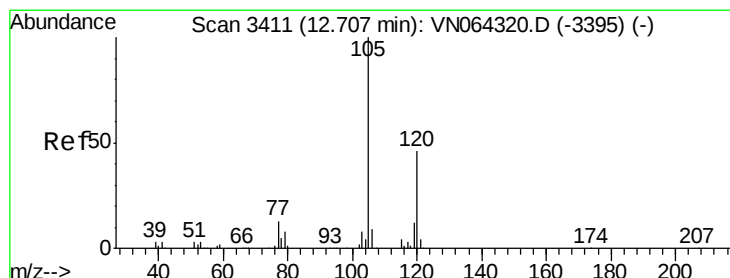
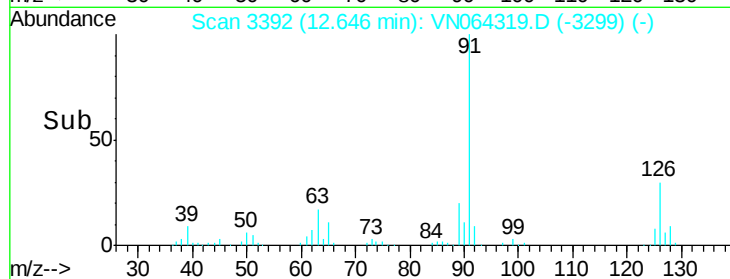
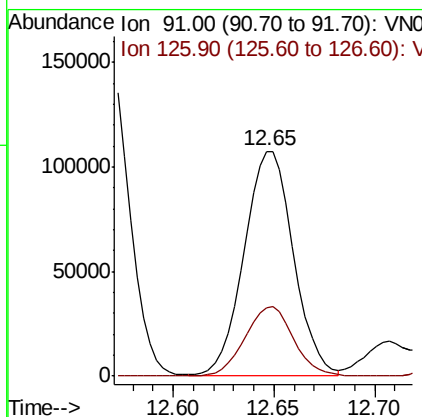
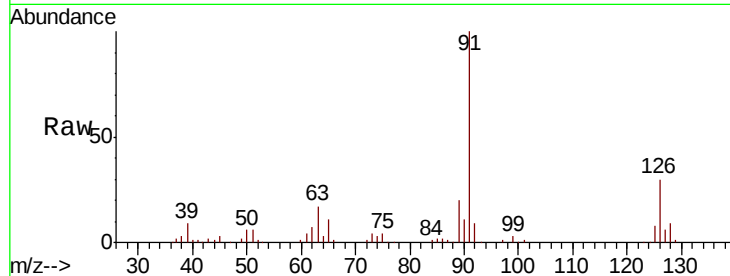




#79
 2-Chlorotoluene
 Concen: 18.809 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

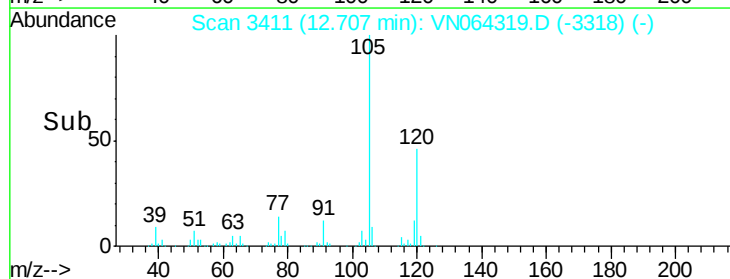
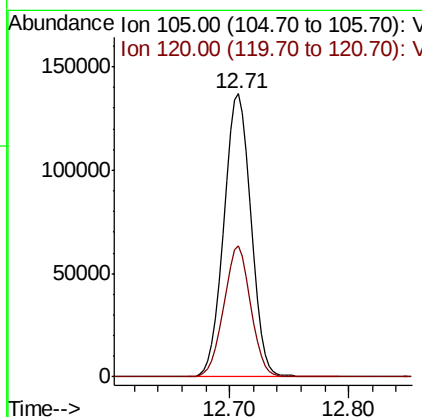
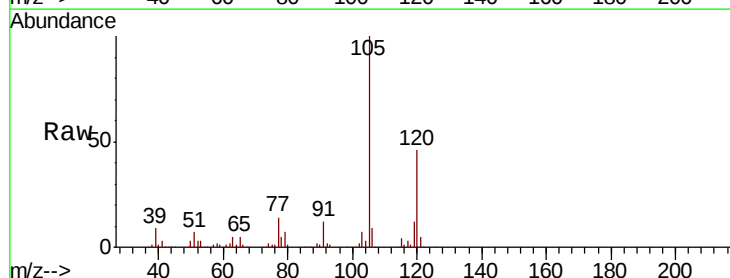
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

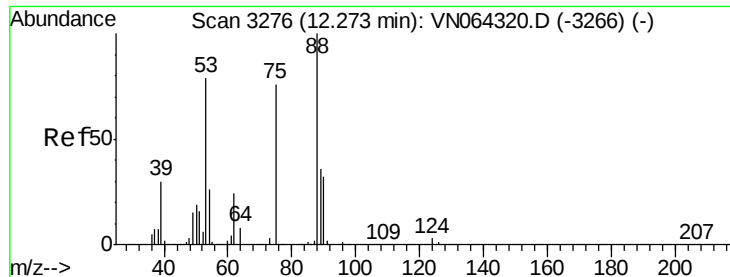
Tot Ion: 91 Resp: 183415
 Ion Ratio Lower Upper
 91 100
 126 30.6 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 18.207 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 105 Resp: 216214
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.575 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

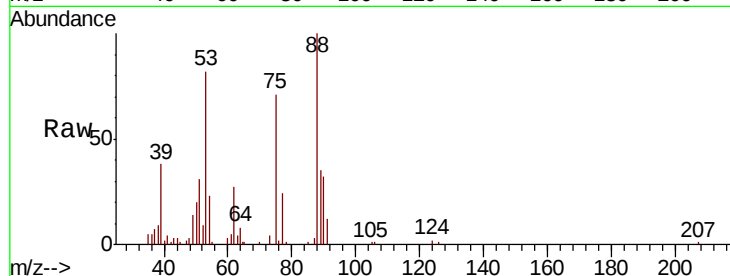
Tot Ion: 75 Resp: 27382

Ion Ratio Lower Upper

75 100

53 115.6 81.8 122.8

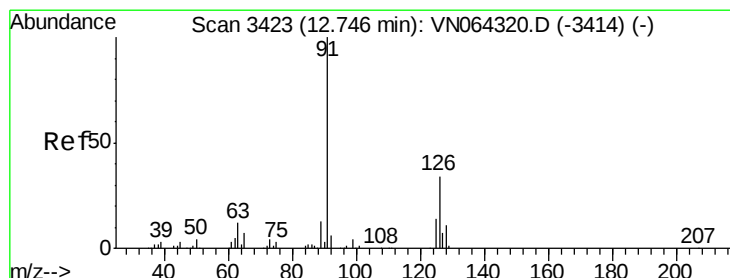
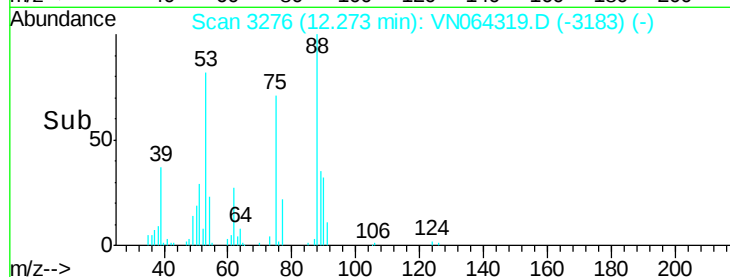
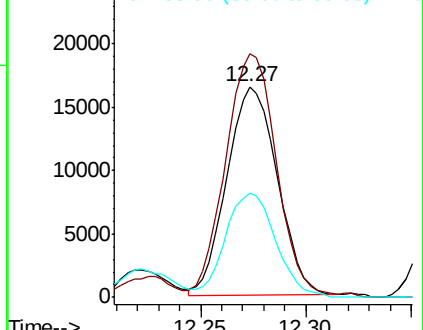
89 50.2 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VN064319.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064319.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064319.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 18.113 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064319.D

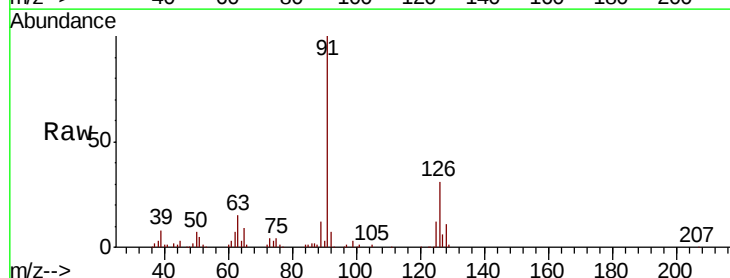
Acq: 27 Oct 2020 10:53

Tgt Ion: 91 Resp: 184087

Ion Ratio Lower Upper

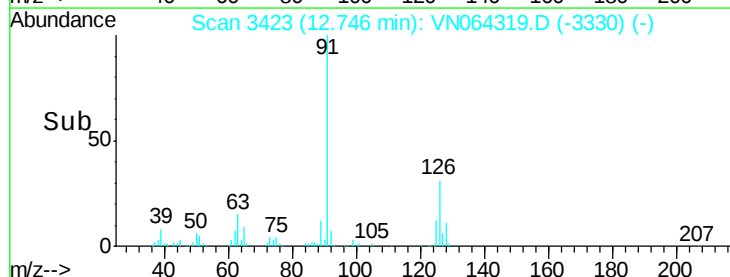
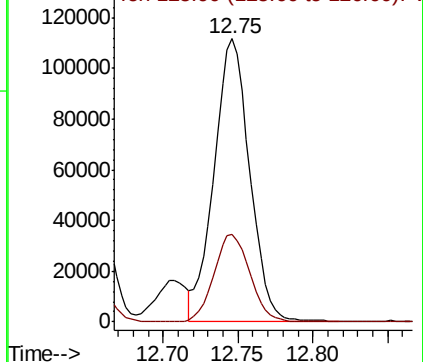
91 100

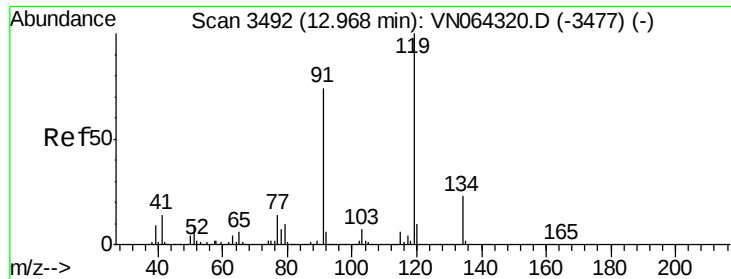
126 31.5 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN064319.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN064319.D (-3330) (-)

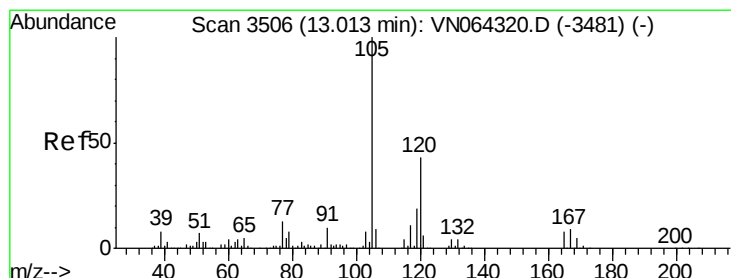
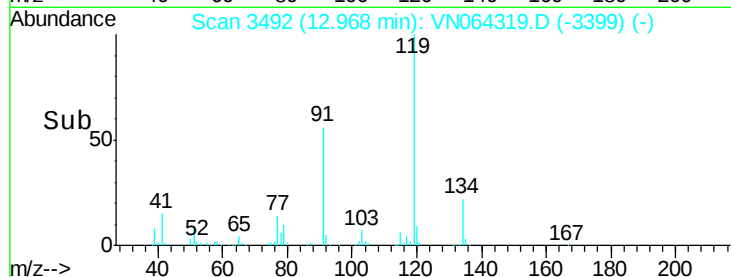
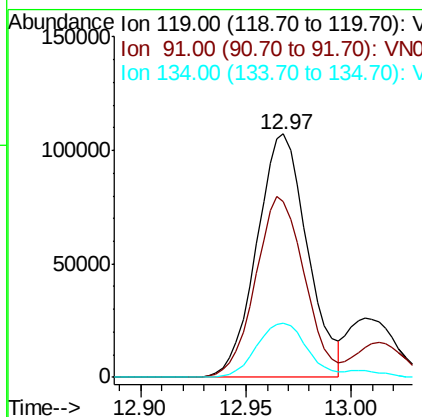
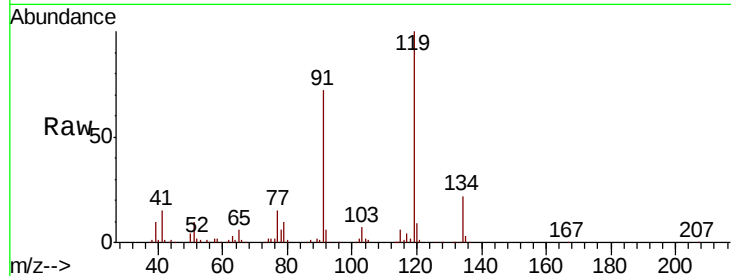




#83
tert-Butylbenzene
Concen: 18.415 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

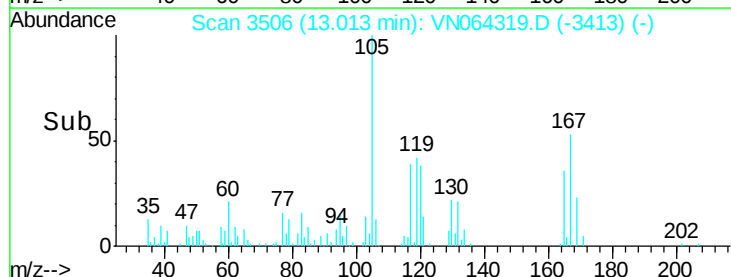
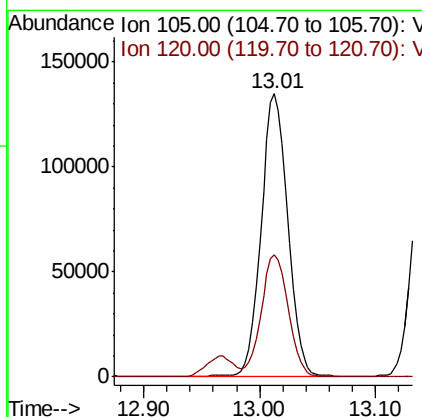
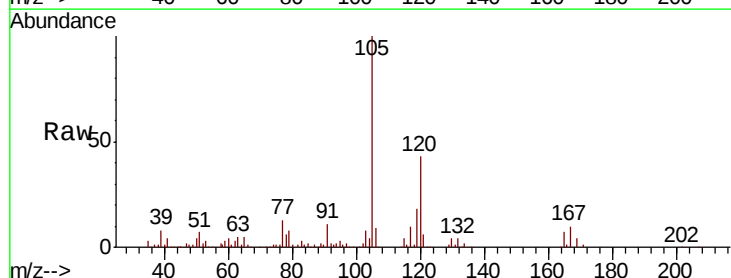
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

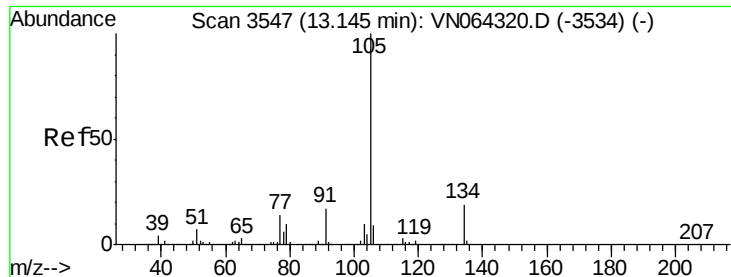
Tot Ion:119 Resp: 179129
Ion Ratio Lower Upper
119 100
91 71.8 36.4 109.1
134 22.5 12.0 36.1



#84
1,2,4-Trimethylbenzene
Concen: 18.328 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion:105 Resp: 217050
Ion Ratio Lower Upper
105 100
120 43.6 21.3 64.0





#85

sec-Butylbenzene

Concen: 18.440 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

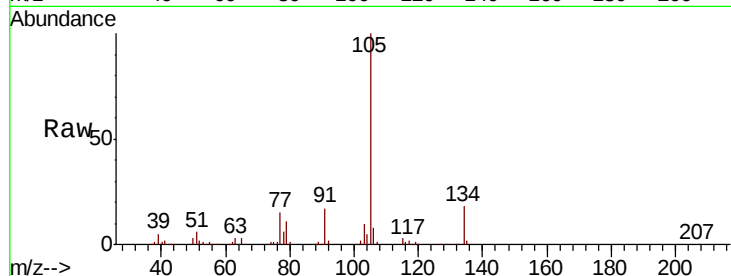
VSTDIC020

Tot Ion:105 Resp: 226081

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

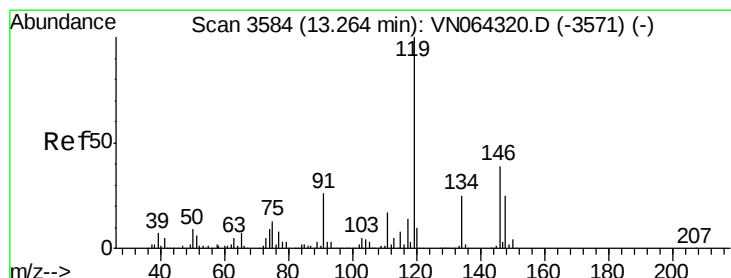
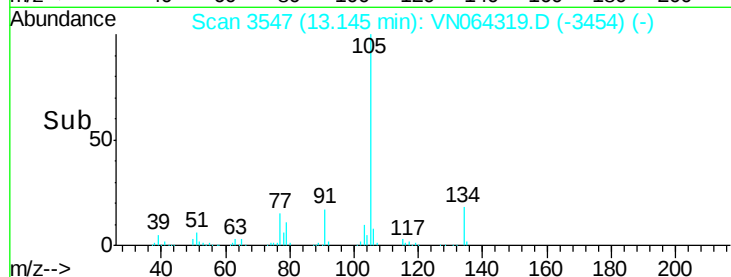
150000

100000

50000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 18.379 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

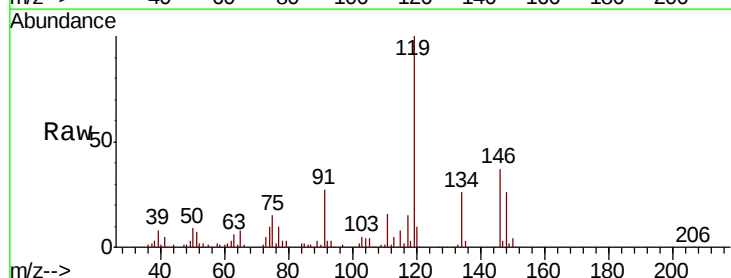
Tgt Ion:119 Resp: 205467

Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.4

91 27.7 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

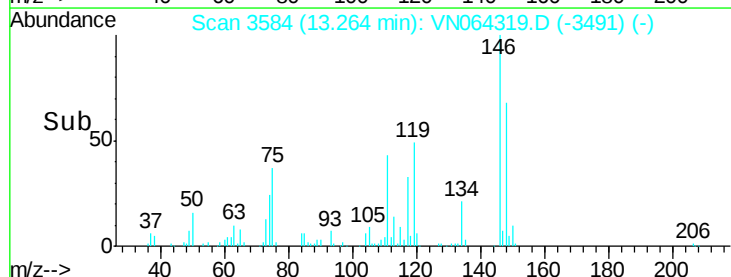
150000

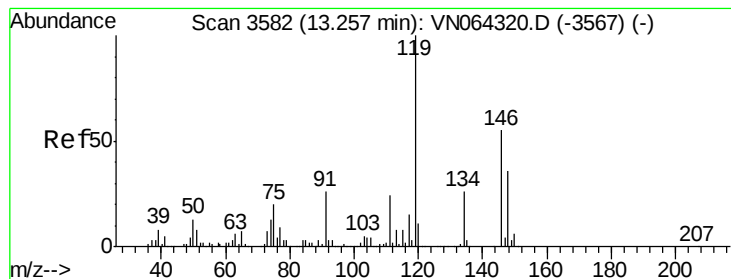
100000

50000

0

Time--> 13.20 13.25 13.30





#87

1,3-Dichlorobenzene

Concen: 17.747 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

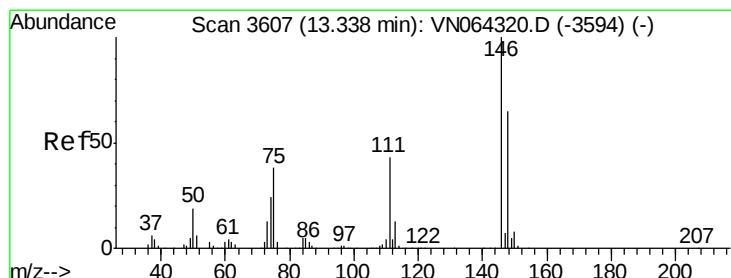
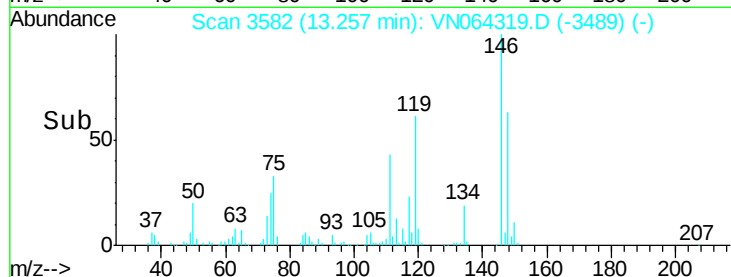
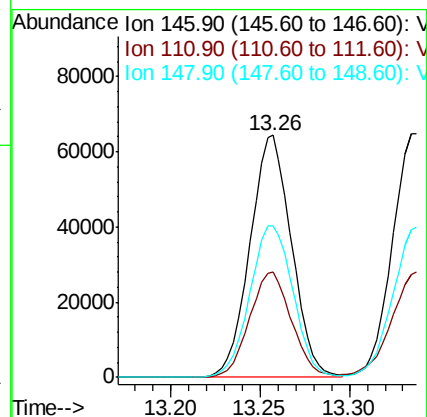
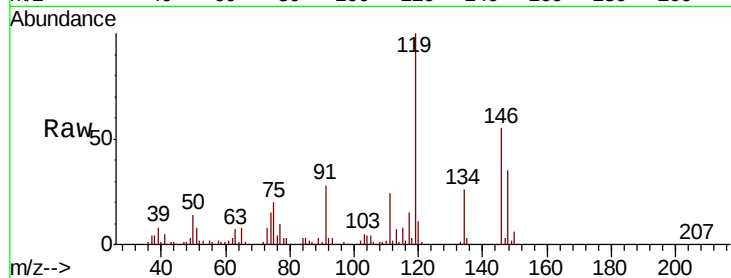
Tot Ion:146 Resp: 104911

Ion Ratio Lower Upper

146 100

111 43.9 21.9 65.5

148 65.1 32.6 98.0



#88

1,4-Dichlorobenzene

Concen: 17.823 ug/l

RT: 13.33 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

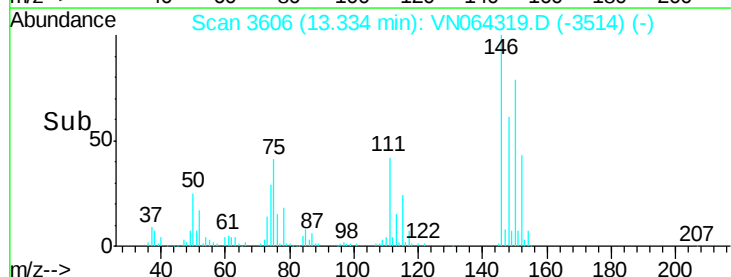
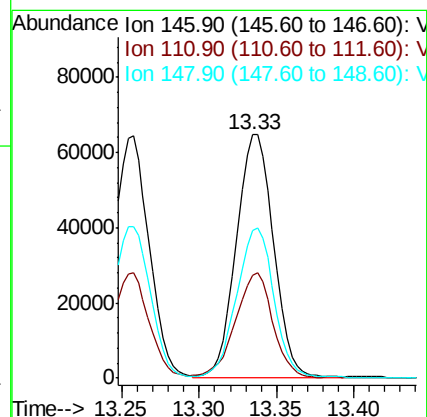
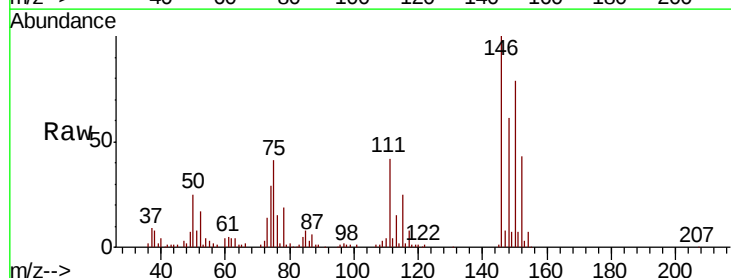
Tgt Ion:146 Resp: 107586

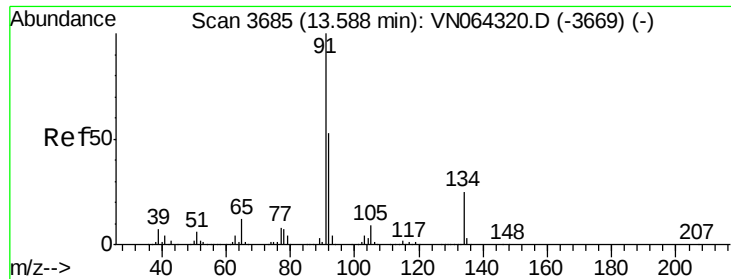
Ion Ratio Lower Upper

146 100

111 43.2 21.8 65.4

148 61.6 31.8 95.3





#89

n-Butylbenzene

Concen: 18.095 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

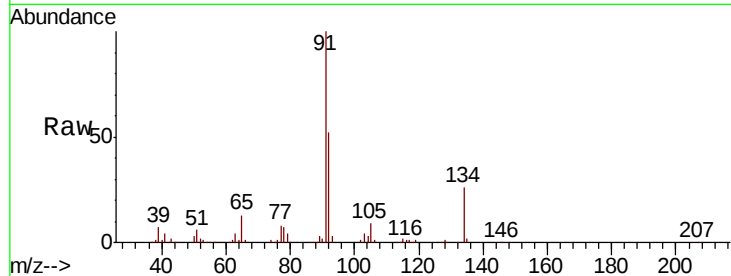
Tot Ion: 91 Resp: 180062

Ion Ratio Lower Upper

91 100

92 51.0 26.2 78.5

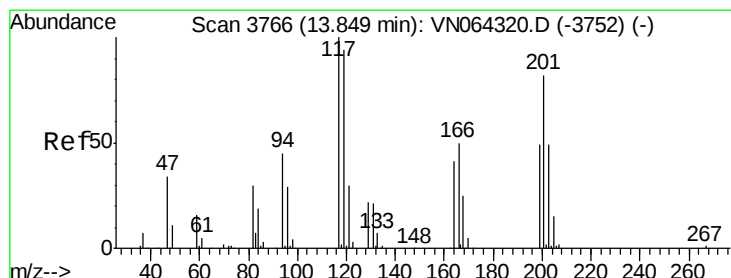
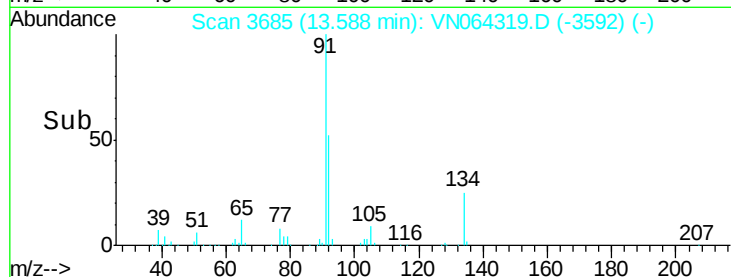
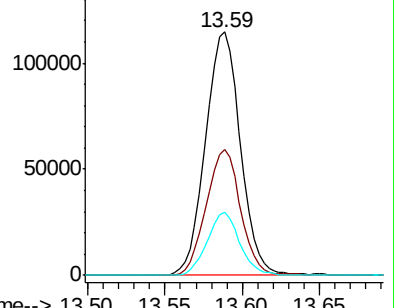
134 24.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN064320.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN064320.D (-3669) (-)



#90

Hexachloroethane

Concen: 18.366 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064319.D

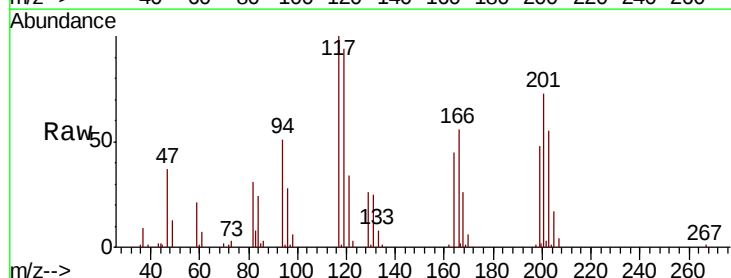
Acq: 27 Oct 2020 10:53

Tgt Ion: 117 Resp: 37857

Ion Ratio Lower Upper

117 100

201 77.3 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VN064320.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN064320.D (-3752) (-)

Ion 201.40 (201.10 to 201.70): VN064320.D (-3752) (-)

Ion 202.10 (201.80 to 202.40): VN064320.D (-3752) (-)

Ion 203.80 (203.50 to 204.10): VN064320.D (-3752) (-)

Ion 204.50 (204.20 to 204.80): VN064320.D (-3752) (-)

Ion 205.20 (204.90 to 205.50): VN064320.D (-3752) (-)

Ion 206.90 (206.60 to 207.20): VN064320.D (-3752) (-)

Ion 207.60 (207.30 to 207.90): VN064320.D (-3752) (-)

Ion 208.30 (208.00 to 208.60): VN064320.D (-3752) (-)

Ion 209.00 (208.70 to 209.30): VN064320.D (-3752) (-)

Ion 209.70 (209.40 to 210.00): VN064320.D (-3752) (-)

Ion 210.40 (210.10 to 210.70): VN064320.D (-3752) (-)

Ion 211.10 (210.80 to 211.40): VN064320.D (-3752) (-)

Ion 211.80 (211.50 to 212.10): VN064320.D (-3752) (-)

Ion 212.50 (212.20 to 212.80): VN064320.D (-3752) (-)

Ion 213.20 (212.90 to 213.50): VN064320.D (-3752) (-)

Ion 213.90 (213.60 to 214.20): VN064320.D (-3752) (-)

Ion 214.60 (214.30 to 214.90): VN064320.D (-3752) (-)

Ion 215.30 (215.00 to 215.60): VN064320.D (-3752) (-)

Ion 216.00 (215.70 to 216.30): VN064320.D (-3752) (-)

Ion 216.70 (216.40 to 217.00): VN064320.D (-3752) (-)

Ion 217.40 (217.10 to 217.70): VN064320.D (-3752) (-)

Ion 218.10 (217.80 to 218.40): VN064320.D (-3752) (-)

Ion 218.80 (218.50 to 219.10): VN064320.D (-3752) (-)

Ion 219.50 (219.20 to 219.80): VN064320.D (-3752) (-)

Ion 220.20 (219.90 to 220.50): VN064320.D (-3752) (-)

Ion 220.90 (220.60 to 221.20): VN064320.D (-3752) (-)

Ion 221.60 (221.30 to 221.90): VN064320.D (-3752) (-)

Ion 222.30 (222.00 to 222.60): VN064320.D (-3752) (-)

Ion 223.00 (222.70 to 223.00): VN064320.D (-3752) (-)

Ion 223.70 (223.40 to 223.70): VN064320.D (-3752) (-)

Ion 224.40 (224.10 to 224.40): VN064320.D (-3752) (-)

Ion 225.10 (224.80 to 225.10): VN064320.D (-3752) (-)

Ion 225.80 (225.50 to 225.80): VN064320.D (-3752) (-)

Ion 226.50 (226.20 to 226.50): VN064320.D (-3752) (-)

Ion 227.20 (226.90 to 227.20): VN064320.D (-3752) (-)

Ion 227.90 (227.60 to 227.90): VN064320.D (-3752) (-)

Ion 228.60 (228.30 to 228.60): VN064320.D (-3752) (-)

Ion 229.30 (229.00 to 229.30): VN064320.D (-3752) (-)

Ion 230.00 (229.70 to 230.00): VN064320.D (-3752) (-)

Ion 230.70 (230.40 to 230.70): VN064320.D (-3752) (-)

Ion 231.40 (231.10 to 231.40): VN064320.D (-3752) (-)

Ion 232.10 (231.80 to 232.10): VN064320.D (-3752) (-)

Ion 232.80 (232.50 to 232.80): VN064320.D (-3752) (-)

Ion 233.50 (233.20 to 233.50): VN064320.D (-3752) (-)

Ion 234.20 (233.90 to 234.20): VN064320.D (-3752) (-)

Ion 234.90 (234.60 to 234.90): VN064320.D (-3752) (-)

Ion 235.60 (235.30 to 235.60): VN064320.D (-3752) (-)

Ion 236.30 (236.00 to 236.30): VN064320.D (-3752) (-)

Ion 237.00 (236.70 to 237.00): VN064320.D (-3752) (-)

Ion 237.70 (237.40 to 237.70): VN064320.D (-3752) (-)

Ion 238.40 (238.10 to 238.40): VN064320.D (-3752) (-)

Ion 239.10 (238.80 to 239.10): VN064320.D (-3752) (-)

Ion 239.80 (239.50 to 239.80): VN064320.D (-3752) (-)

Ion 240.50 (240.20 to 240.50): VN064320.D (-3752) (-)

Ion 241.20 (240.90 to 241.20): VN064320.D (-3752) (-)

Ion 241.90 (241.60 to 241.90): VN064320.D (-3752) (-)

Ion 242.60 (242.30 to 242.60): VN064320.D (-3752) (-)

Ion 243.30 (243.00 to 243.30): VN064320.D (-3752) (-)

Ion 244.00 (243.70 to 244.00): VN064320.D (-3752) (-)

Ion 244.70 (244.40 to 244.70): VN064320.D (-3752) (-)

Ion 245.40 (245.10 to 245.40): VN064320.D (-3752) (-)

Ion 246.10 (245.80 to 246.10): VN064320.D (-3752) (-)

Ion 246.80 (246.50 to 246.80): VN064320.D (-3752) (-)

Ion 247.50 (247.20 to 247.50): VN064320.D (-3752) (-)

Ion 248.20 (247.90 to 248.20): VN064320.D (-3752) (-)

Ion 248.90 (248.60 to 248.90): VN064320.D (-3752) (-)

Ion 249.60 (249.30 to 249.60): VN064320.D (-3752) (-)

Ion 250.30 (250.00 to 250.30): VN064320.D (-3752) (-)

Ion 251.00 (250.70 to 251.00): VN064320.D (-3752) (-)

Ion 251.70 (251.40 to 251.70): VN064320.D (-3752) (-)

Ion 252.40 (252.10 to 252.40): VN064320.D (-3752) (-)

Ion 253.10 (252.80 to 253.10): VN064320.D (-3752) (-)

Ion 253.80 (253.50 to 253.80): VN064320.D (-3752) (-)

Ion 254.50 (254.20 to 254.50): VN064320.D (-3752) (-)

Ion 255.20 (254.90 to 255.20): VN064320.D (-3752) (-)

Ion 255.90 (255.60 to 255.90): VN064320.D (-3752) (-)

Ion 256.60 (256.30 to 256.60): VN064320.D (-3752) (-)

Ion 257.30 (257.00 to 257.30): VN064320.D (-3752) (-)

Ion 258.00 (257.70 to 258.00): VN064320.D (-3752) (-)

Ion 258.70 (258.40 to 258.70): VN064320.D (-3752) (-)

Ion 259.40 (259.10 to 259.40): VN064320.D (-3752) (-)

Ion 260.10 (259.80 to 260.10): VN064320.D (-3752) (-)

Ion 260.80 (260.50 to 260.80): VN064320.D (-3752) (-)

Ion 261.50 (261.20 to 261.50): VN064320.D (-3752) (-)

Ion 262.20 (261.90 to 262.20): VN064320.D (-3752) (-)

Ion 262.90 (262.60 to 262.90): VN064320.D (-3752) (-)

Ion 263.60 (263.30 to 263.60): VN064320.D (-3752) (-)

Ion 264.30 (264.00 to 264.30): VN064320.D (-3752) (-)

Ion 265.00 (264.70 to 265.00): VN064320.D (-3752) (-)

Ion 265.70 (265.40 to 265.70): VN064320.D (-3752) (-)

Ion 266.40 (266.10 to 266.40): VN064320.D (-3752) (-)

Ion 267.10 (266.80 to 267.10): VN064320.D (-3752) (-)

Ion 267.80 (267.50 to 267.80): VN064320.D (-3752) (-)

Ion 268.50 (268.20 to 268.50): VN064320.D (-3752) (-)

Ion 269.20 (268.90 to 269.20): VN064320.D (-3752) (-)

Ion 269.90 (269.60 to 269.90): VN064320.D (-3752) (-)

Ion 270.60 (270.30 to 270.60): VN064320.D (-3752) (-)

Ion 271.30 (271.00 to 271.30): VN064320.D (-3752) (-)

Ion 272.00 (271.70 to 272.00): VN064320.D (-3752) (-)

Ion 272.70 (272.40 to 272.70): VN064320.D (-3752) (-)

Ion 273.40 (273.10 to 273.40): VN064320.D (-3752) (-)

Ion 274.10 (273.80 to 274.10): VN064320.D (-3752) (-)

Ion 274.80 (274.50 to 274.80): VN064320.D (-3752) (-)

Ion 275.50 (275.20 to 275.50): VN064320.D (-3752) (-)

Ion 276.20 (275.90 to 276.20): VN064320.D (-3752) (-)

Ion 276.90 (276.60 to 276.90): VN064320.D (-3752) (-)

Ion 277.60 (277.30 to 277.60): VN064320.D (-3752) (-)

Ion 278.30 (278.00 to 278.30): VN064320.D (-3752) (-)

Ion 279.00 (278.70 to 279.00): VN064320.D (-3752) (-)

Ion 279.70 (279.40 to 279.70): VN064320.D (-3752) (-)

Ion 280.40 (280.10 to 280.40): VN064320.D (-3752) (-)

Ion 281.10 (280.80 to 281.10): VN064320.D (-3752) (-)

Ion 281.80 (281.50 to 281.80): VN064320.D (-3752) (-)

Ion 282.50 (282.20 to 282.50): VN064320.D (-3752) (-)

Ion 283.20 (282.90 to 283.20): VN064320.D (-3752) (-)

Ion 283.90 (283.60 to 283.90): VN064320.D (-3752) (-)

Ion 284.60 (284.30 to 284.60): VN064320.D (-3752) (-)

Ion 285.30 (285.00 to 285.30): VN064320.D (-3752) (-)

Ion 286.00 (285.70 to 286.00): VN064320.D (-3752) (-)

Ion 286.70 (286.40 to 286.70): VN064320.D (-3752) (-)

Ion 287.40 (287.10 to 287.40): VN064320.D (-3752) (-)

Ion 288.10 (287.80 to 288.10): VN064320.D (-3752) (-)

Ion 288.80 (288.50 to 288.80): VN064320.D (-3752) (-)

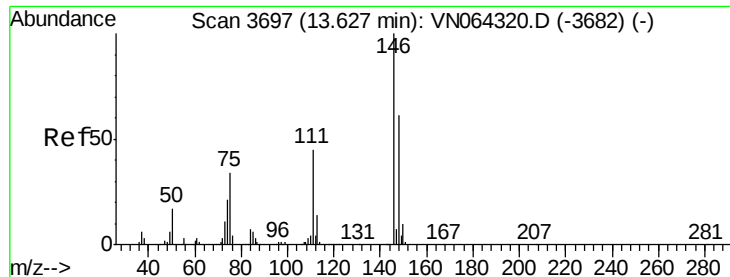
Ion 289.50 (289.20 to 289.50): VN064320.D (-3752) (-)

Ion 290.20 (289.90 to 290.20): VN064320.D (-3752) (-)

Ion 290.90 (290.60 to 290.90): VN064320.D (-3752) (-)

Ion 291.60 (291.30 to 291.60): VN064320.D (-3752) (-)

Ion 292.30 (292.00 to 292



#91

1,2-Dichlorobenzene

Concen: 18.211 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

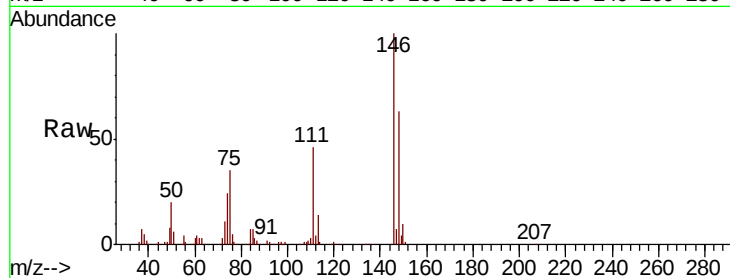
Tot Ion:146 Resp: 105391

Ion Ratio Lower Upper

146 100

111 45.9 23.0 69.0

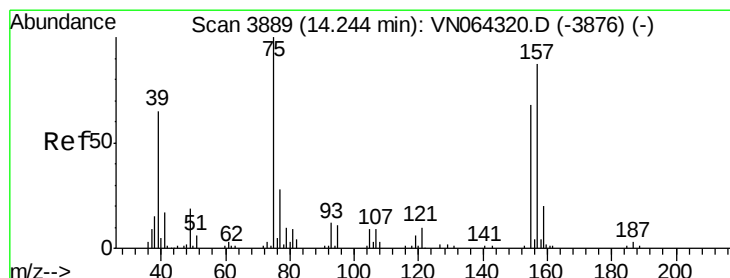
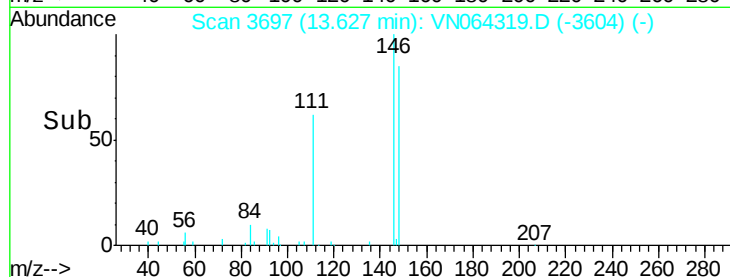
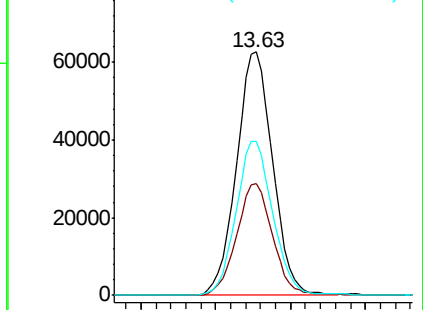
148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.327 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

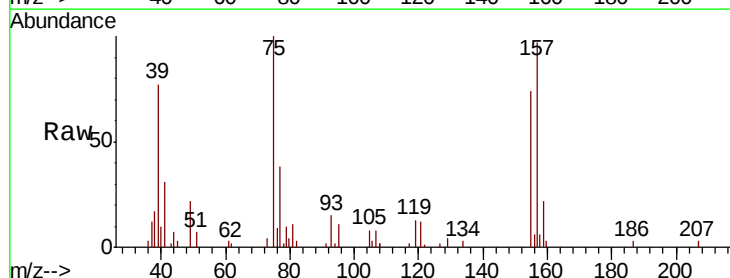
Tgt Ion: 75 Resp: 19258

Ion Ratio Lower Upper

75 100

155 64.5 35.1 105.5

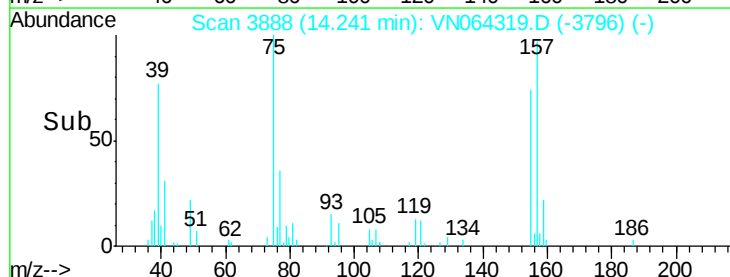
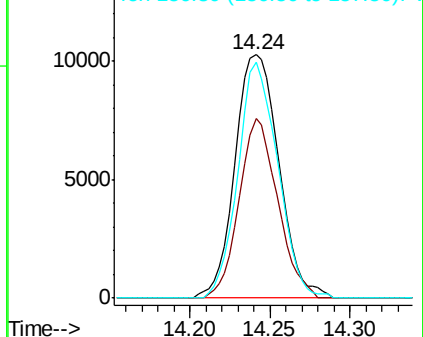
157 87.8 43.2 129.6

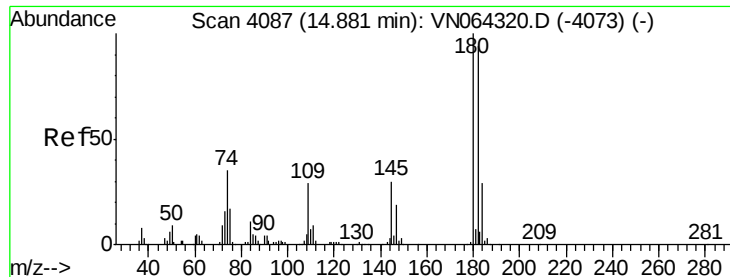


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

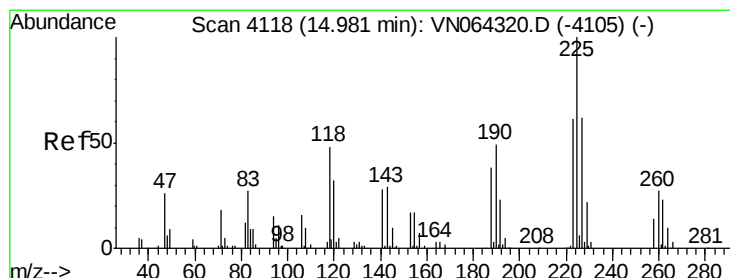
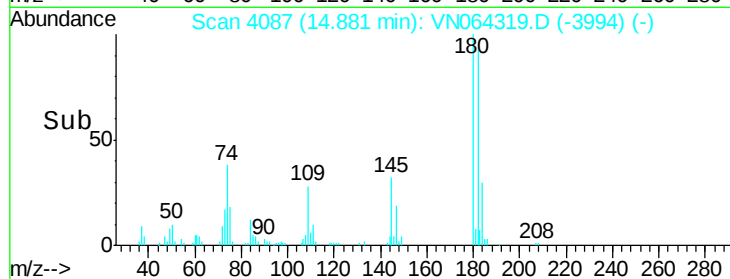
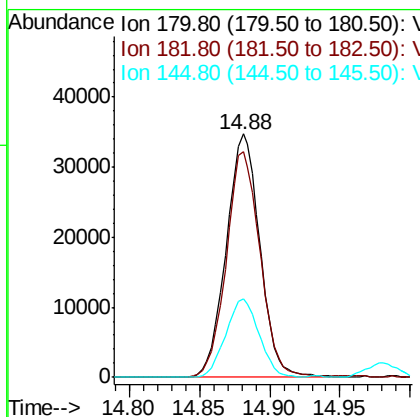
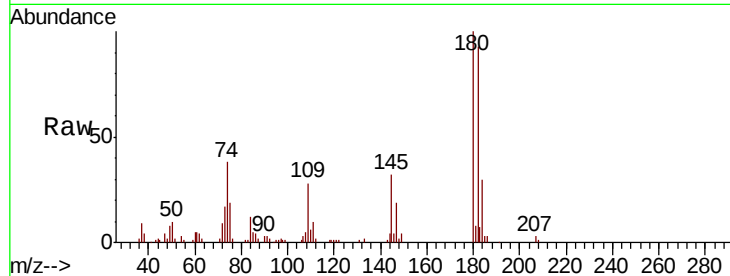




#93
 1,2,4-Trichlorobenzene
 Concen: 17.967 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

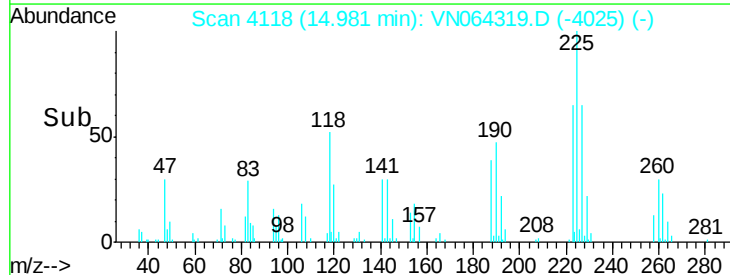
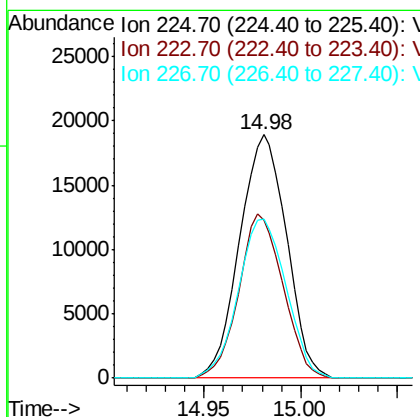
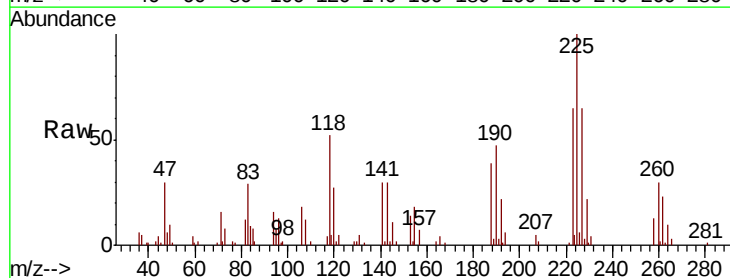
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

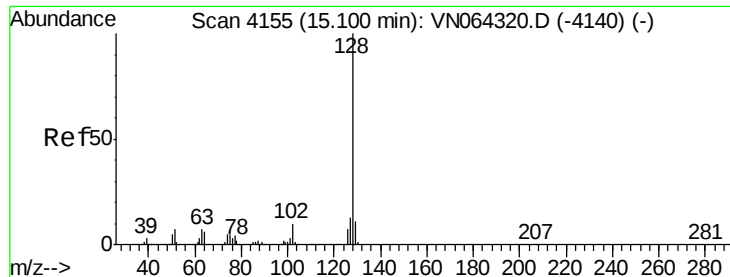
Tot Ion:180 Resp: 57876
 Ion Ratio Lower Upper
 180 100
 182 93.2 46.6 139.7
 145 31.8 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 18.284 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion:225 Resp: 31903
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.3 93.8
 227 66.7 32.3 96.9





#95

Naphthalene

Concen: 18.523 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

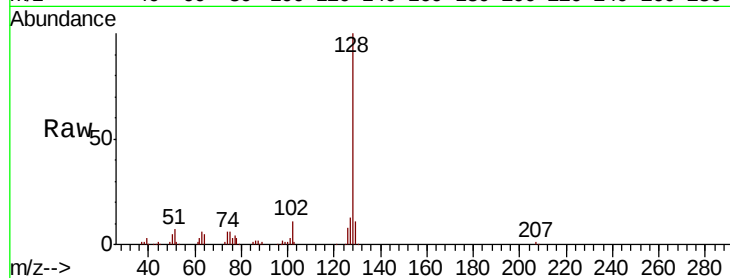
Tot Ion:128 Resp: 179192

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

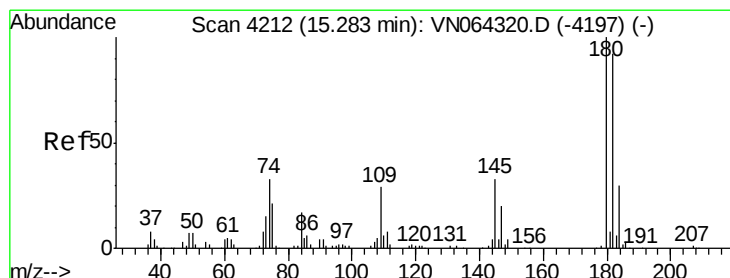
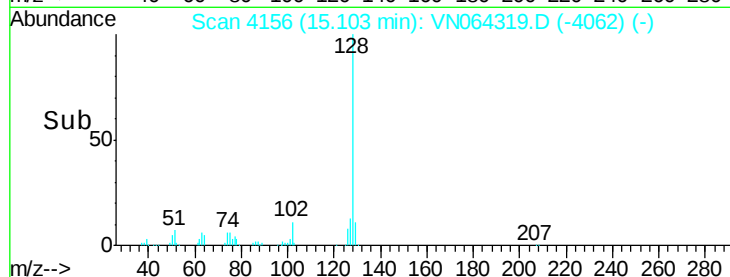
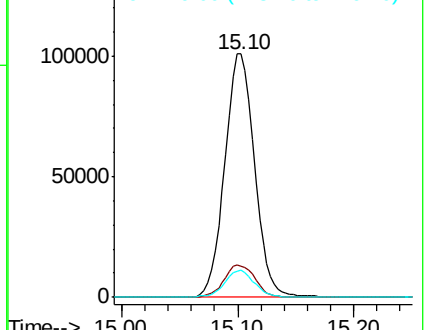
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.450 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

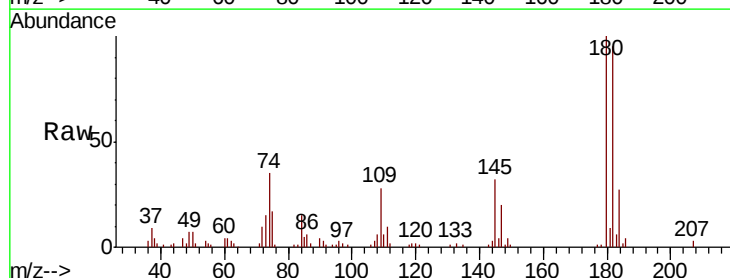
Tgt Ion:180 Resp: 55682

Ion Ratio Lower Upper

180 100

182 97.2 46.1 138.3

145 34.3 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

