

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064161.D
 Acq On : 15 Oct 2020 22:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 16 02:29:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	357256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	595777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	577667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	287586	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	250216	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	7.55	113	202293	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.06	98	773187	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.38	95	269417	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	165128	49.058	ug/l	99
3) Chloromethane	2.04	50	201623	48.092	ug/l	99
4) Vinyl Chloride	2.16	62	251261	48.148	ug/l	99
5) Bromomethane	2.53	94	168599	43.052	ug/l	98
6) Chloroethane	2.67	64	198283	47.792	ug/l	99
7) Trichlorofluoromethane	2.98	101	350248	48.797	ug/l	99
8) Diethyl Ether	3.38	74	109856	48.921	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	174686	49.577	ug/l	99
10) Methyl Iodide	3.91	142	220049	44.298	ug/l	99
11) Tert butyl alcohol	4.73	59	133332	236.670	ug/l	100
12) 1,1-Dichloroethene	3.70	96	173979	48.895	ug/l	100
13) Acrolein	3.57	56	198236	428.400	ug/l	97
14) Allyl chloride	4.28	41	267942	48.262	ug/l	98
15) Acrylonitrile	4.93	53	405433	250.643	ug/l	99
16) Acetone	3.78	43	371108	245.896	ug/l	99
17) Carbon Disulfide	4.01	76	497778	48.945	ug/l	99
18) Methyl Acetate	4.28	43	190774	50.392	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	540172	51.468	ug/l	99
20) Methylene Chloride	4.50	84	218905	46.876	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	201311	49.902	ug/l	96
22) Diisopropyl ether	5.90	45	574353	53.254	ug/l	97
23) Vinyl Acetate	5.85	43	2608762	270.789	ug/l	99
24) 1,1-Dichloroethane	5.80	63	373281	49.561	ug/l	99
25) 2-Butanone	6.78	43	571030	245.993	ug/l	98
26) 2,2-Dichloropropane	6.78	77	273822	43.698	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	235984	49.726	ug/l	98
28) Bromochloromethane	7.15	49	178278	49.696	ug/l #	97
29) Tetrahydrofuran	7.17	42	344340	253.813	ug/l	99
30) Chloroform	7.33	83	406074	50.609	ug/l	99
31) Cyclohexane	7.61	56	269100	47.842	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	351569	50.707	ug/l	99
36) 1,1-Dichloropropene	7.75	75	291329	50.732	ug/l	99
37) Ethyl Acetate	6.88	43	264756	51.951	ug/l	99
38) Carbon Tetrachloride	7.73	117	309340	50.096	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	248764	51.528	ug/l	98
40) Benzene	8.00	78	889428	51.146	ug/l	99
41) Methacrylonitrile	7.12	41	93522	42.387	ug/l #	79
42) 1,2-Dichloroethane	8.09	62	320296	51.764	ug/l	100
43) Isopropyl Acetate	8.13	43	429365	50.771	ug/l #	91
44) Trichloroethene	8.80	130	227540	49.760	ug/l	98
45) 1,2-Dichloropropane	9.08	63	232710	51.076	ug/l	99
46) Dibromomethane	9.17	93	163501	50.581	ug/l	99
47) Bromodichloromethane	9.37	83	326290	51.593	ug/l	100
48) Methyl methacrylate	9.17	41	213050	54.539	ug/l	98
49) 1,4-Dioxane	9.17	88	57524	969.755	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1335038	266.781	ug/l	99
52) Toluene	10.13	92	560556	52.461	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	342578	52.794	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	365373	51.245	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	231929	52.394	ug/l	98
56) Ethyl methacrylate	10.40	69	311257	48.596	ug/l	99
57) 1,3-Dichloropropane	10.68	76	378686	51.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	793359	243.550	ug/l	99
59) 2-Hexanone	10.72	43	958025	247.739	ug/l	100
60) Dibromochloromethane	10.87	129	256424	51.569	ug/l	99
61) 1,2-Dibromoethane	10.98	107	236879	52.574	ug/l	99
64) Tetrachloroethene	10.60	164	213153	48.942	ug/l	97
65) Chlorobenzene	11.41	112	612817	50.376	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	235965	51.091	ug/l	99
67) Ethyl Benzene	11.49	91	1078602	52.930	ug/l	99
68) m/p-Xylenes	11.60	106	826350	98.403	ug/l	99
69) o-Xylene	11.92	106	389448	48.497	ug/l	100
70) Styrene	11.94	104	685199	49.456	ug/l	100
71) Bromoform	12.10	173	182694	47.849	ug/l	97
73) Isopropylbenzene	12.23	105	1019055	48.919	ug/l	99
74) N-amyl acetate	12.05	43	388975	49.861	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	327136	45.612	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	419415	62.164	ug/l #	100
77) Bromobenzene	12.50	156	270707	47.868	ug/l	100
78) n-propylbenzene	12.57	91	1171258	50.376	ug/l	100
79) 2-Chlorotoluene	12.65	91	705794	47.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	858907	51.369	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	102458	46.395	ug/l	99
82) 4-Chlorotoluene	12.75	91	731739	49.098	ug/l	98
83) tert-Butylbenzene	12.97	119	694858	50.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	856632	49.157	ug/l	100
85) sec-Butylbenzene	13.15	105	905097	50.915	ug/l	99
86) p-Isopropyltoluene	13.26	119	817381	48.632	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	472700	50.166	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	478140	49.612	ug/l	99
89) n-Butylbenzene	13.59	91	671911	51.871	ug/l	99
90) Hexachloroethane	13.85	117	138858	46.936	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	472308	50.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62439	45.233	ug/l	99

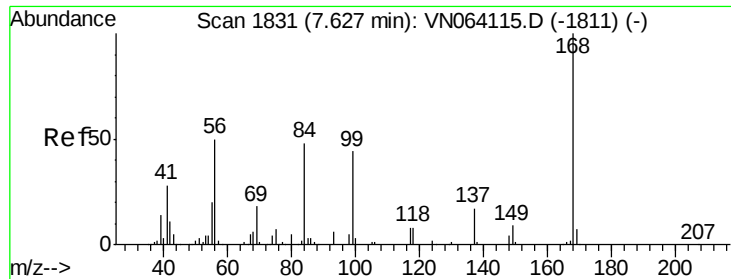
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	219217	47.755	ug/l	98
94) Hexachlorobutadiene	14.98	225	108528	48.577	ug/l	98
95) Naphthalene	15.10	128	642476	45.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	221664	48.389	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

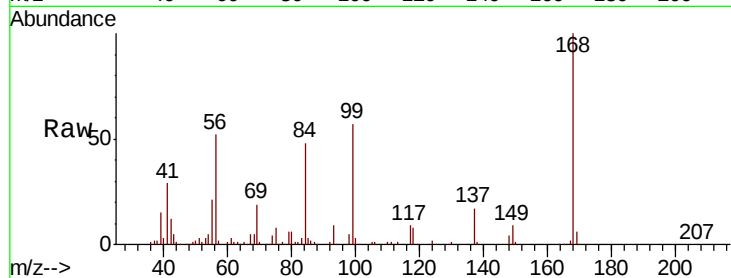
VSTDCCC050EC

Tot Ion:168 Resp: 357256

Ion Ratio Lower Upper

168 100

99 56.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN064161.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064161.D (-1738) (-)

7.63

150000

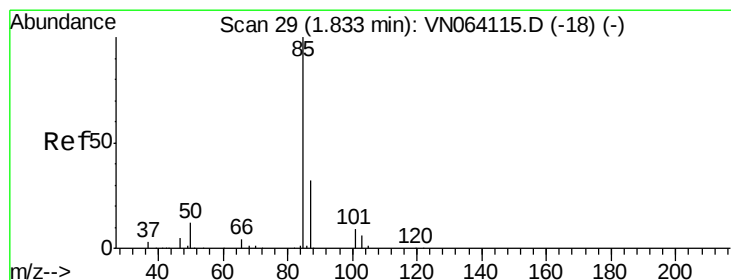
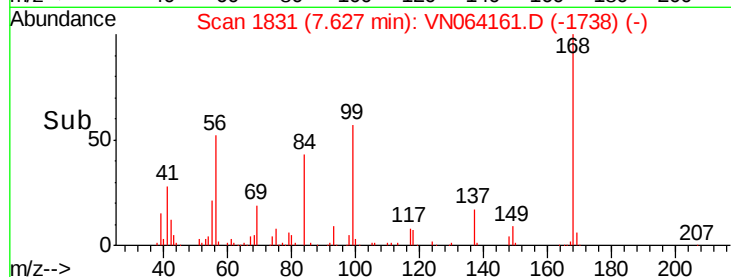
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 49.058 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064161.D

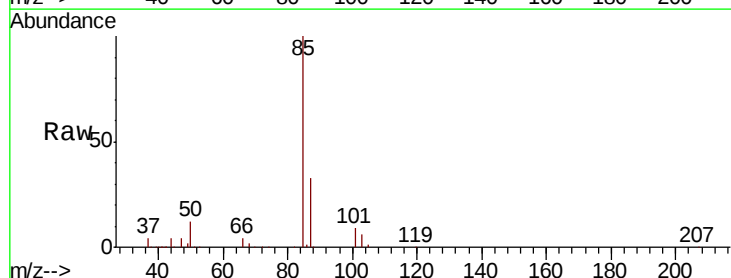
Acq: 15 Oct 2020 22:19

Tgt Ion: 85 Resp: 165128

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN064161.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN064161.D (-1) (-)

1.83

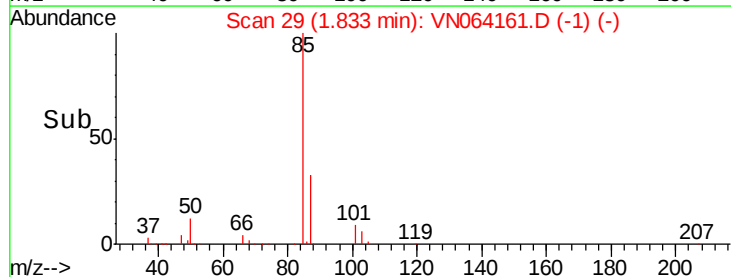
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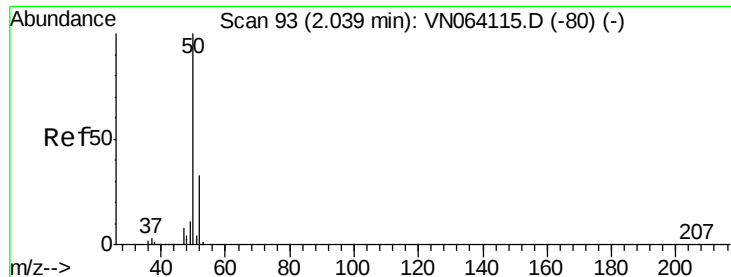
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.092 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

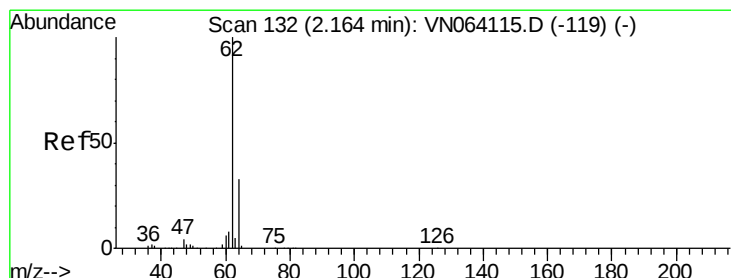
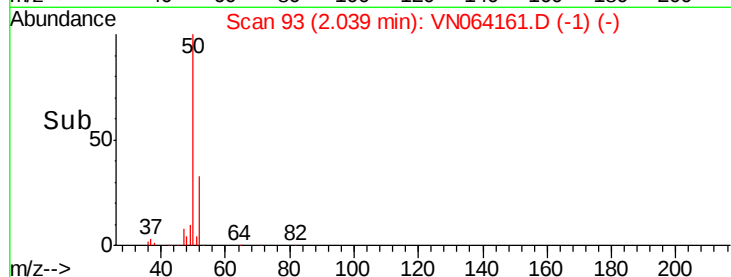
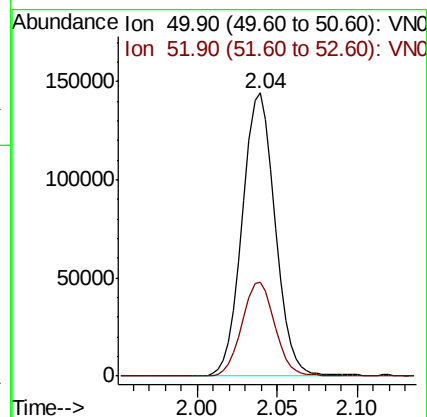
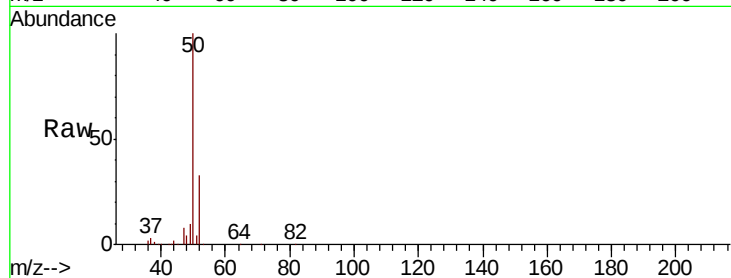
VSTDCCC050EC

Tot Ion: 50 Resp: 201623

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 48.148 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064161.D

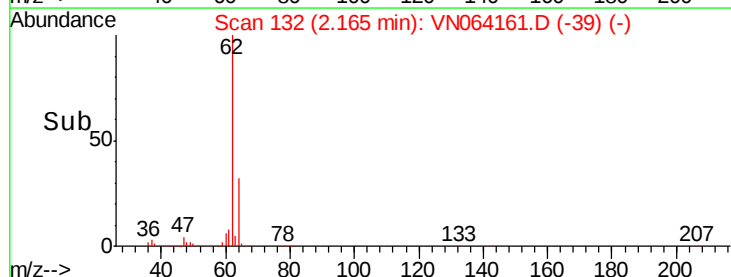
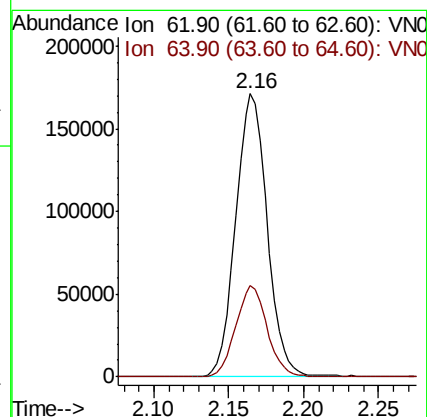
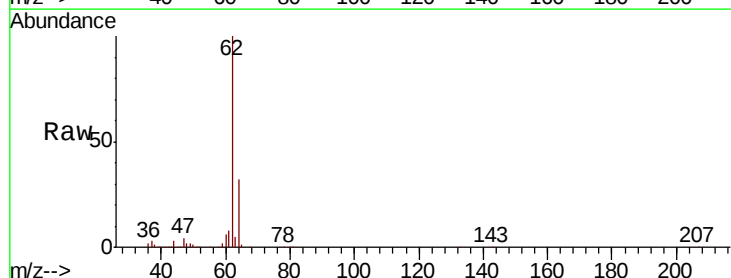
Acq: 15 Oct 2020 22:19

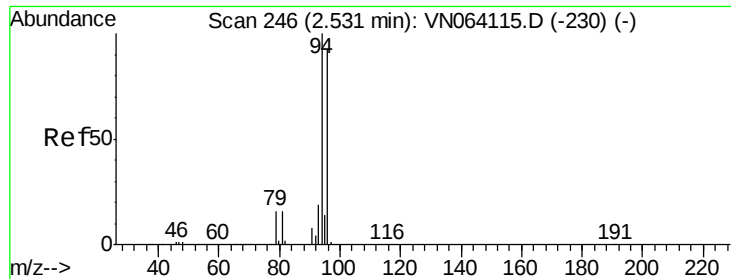
Tgt Ion: 62 Resp: 251261

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.4





#5

Bromomethane

Concen: 43.052 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

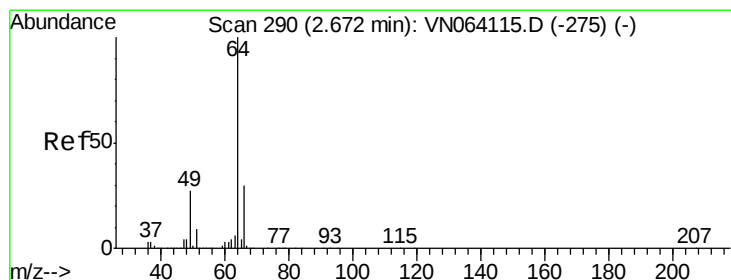
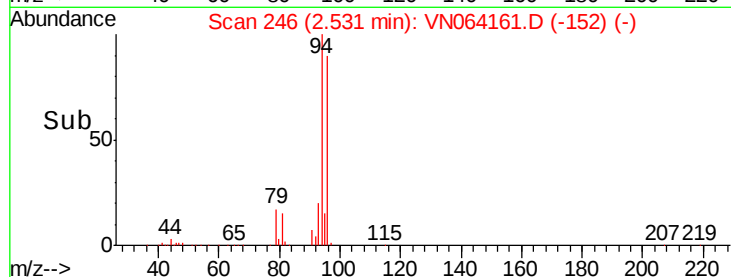
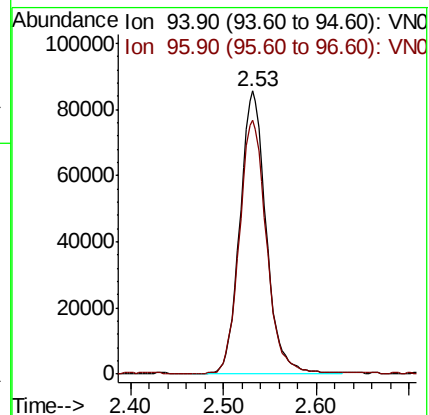
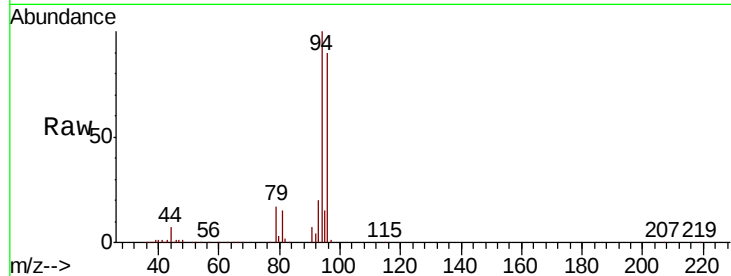
VSTDCCC050EC

Tot Ion: 94 Resp: 168599

Ion Ratio Lower Upper

94 100

96 89.7 73.5 110.3



#6

Chloroethane

Concen: 47.792 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064161.D

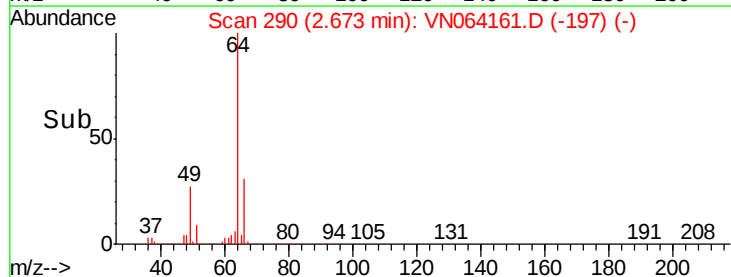
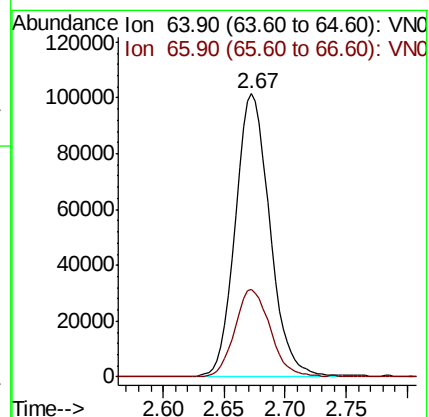
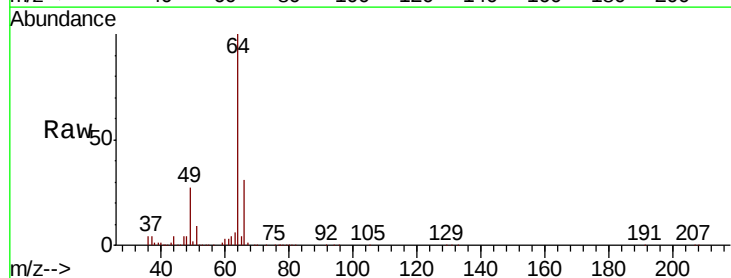
Acq: 15 Oct 2020 22:19

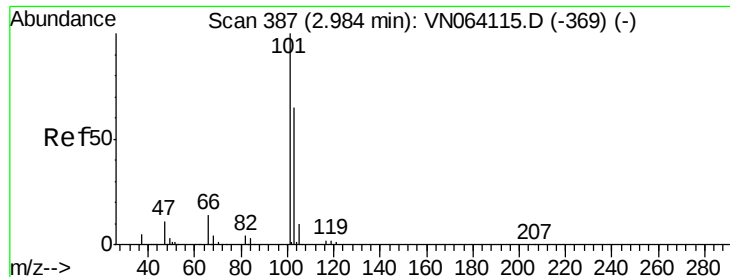
Tgt Ion: 64 Resp: 198283

Ion Ratio Lower Upper

64 100

66 30.6 24.2 36.2



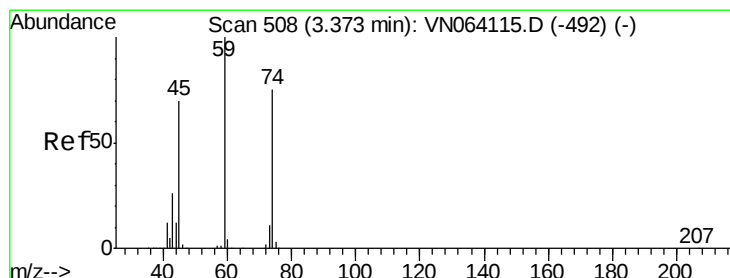
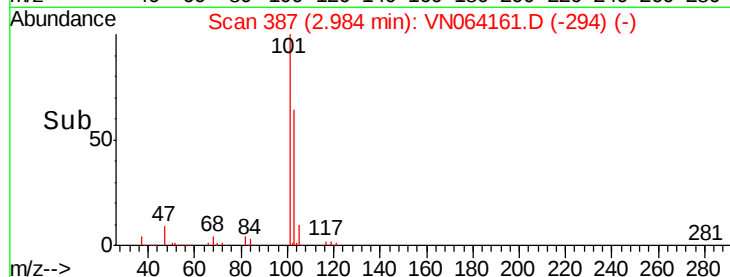
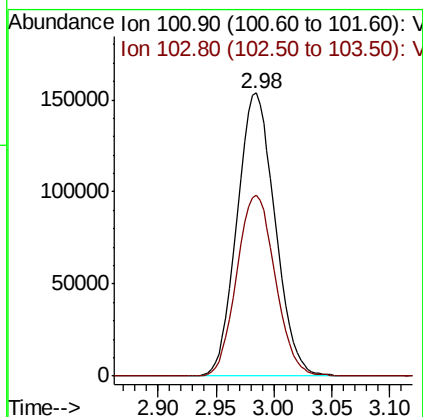
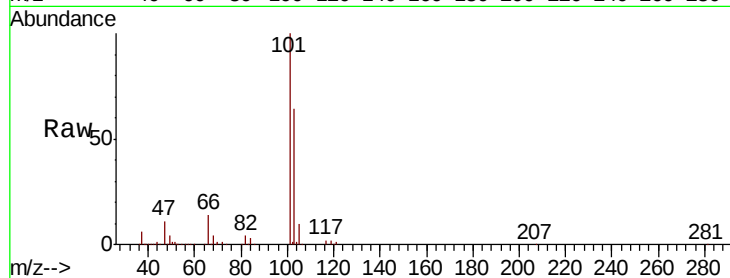


#7

Trichlorofluoromethane
 Concen: 48.797 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
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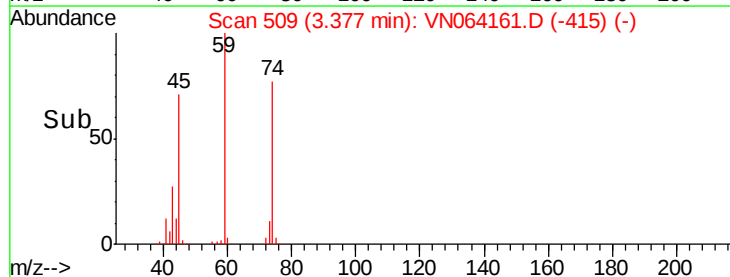
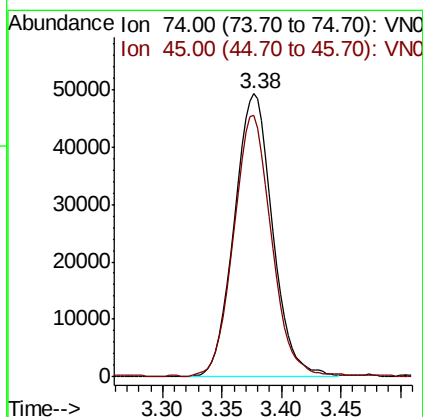
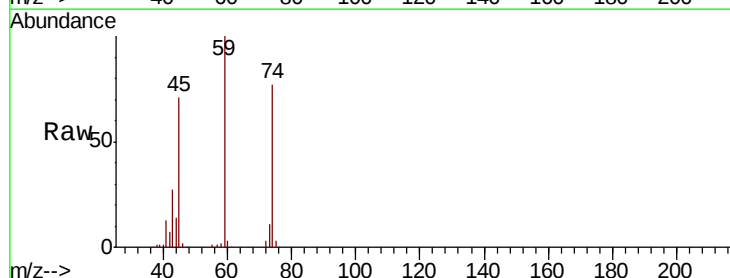
Tot Ion:101 Resp: 350248
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.8 77.6

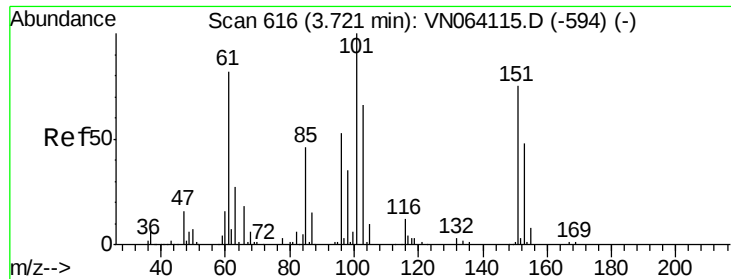


#8

Diethyl Ether
 Concen: 48.921 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion: 74 Resp: 109856
 Ion Ratio Lower Upper
 74 100
 45 92.1 47.0 141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.577 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

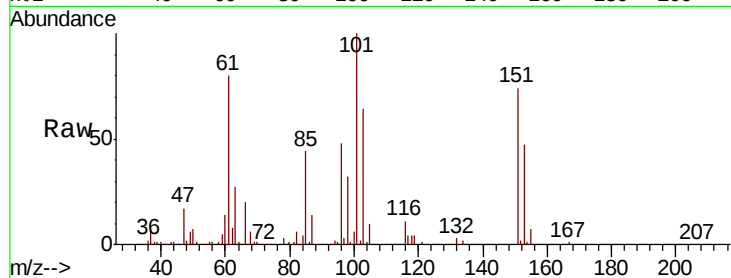
Tot Ion:101 Resp: 174686

Ion Ratio Lower Upper

101 100

85 45.3 36.9 55.3

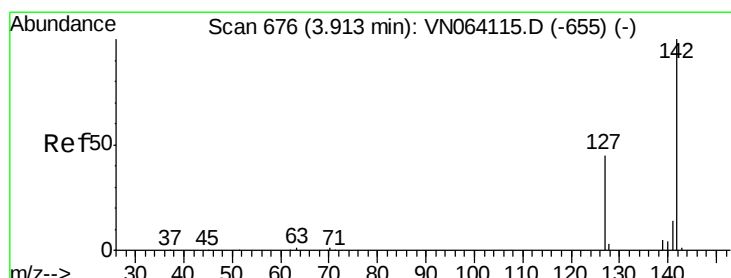
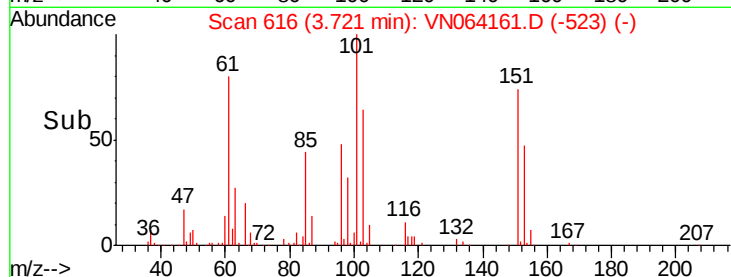
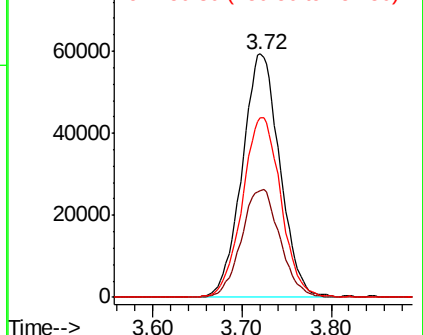
151 75.3 60.7 91.1



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: 44.298 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

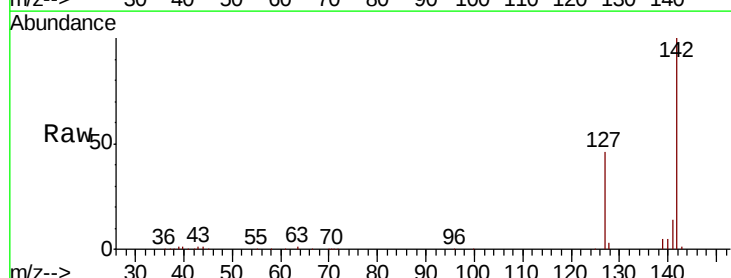
Tgt Ion:142 Resp: 220049

Ion Ratio Lower Upper

142 100

127 44.4 36.3 54.5

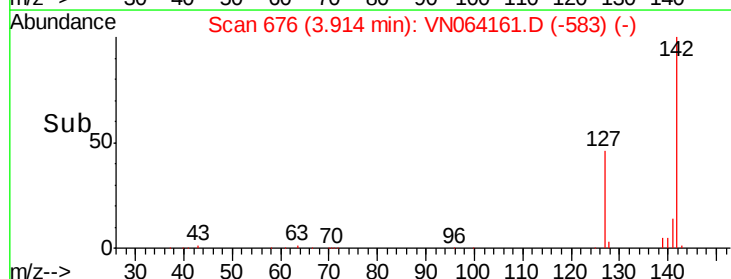
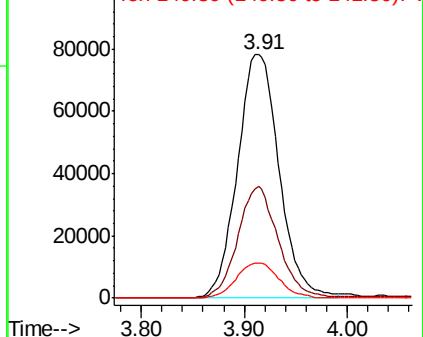
141 14.7 11.6 17.4

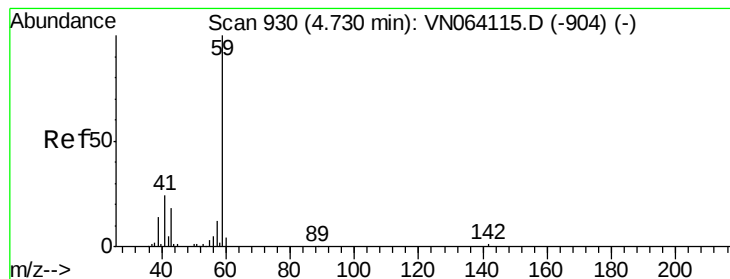


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



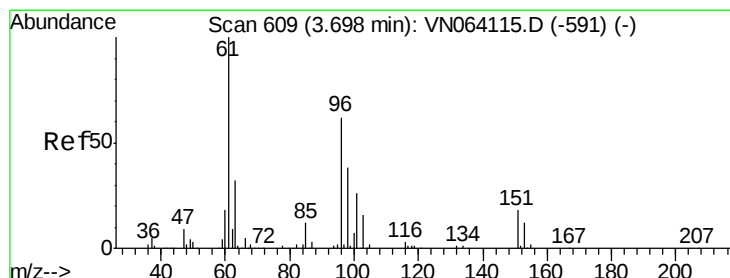
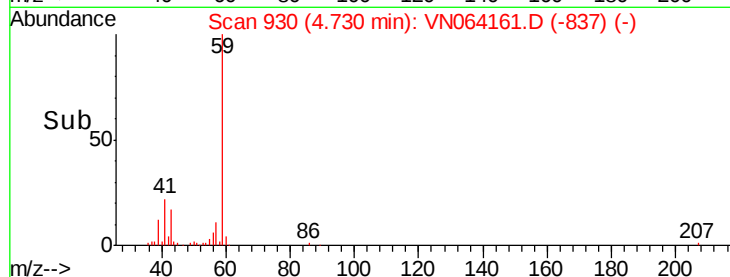
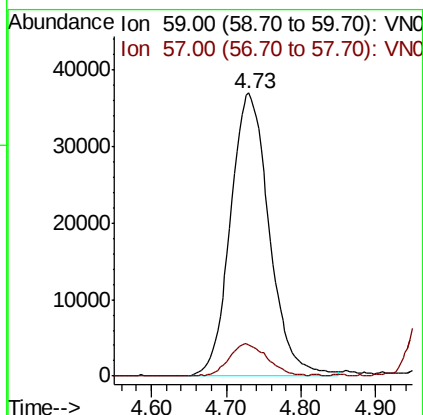
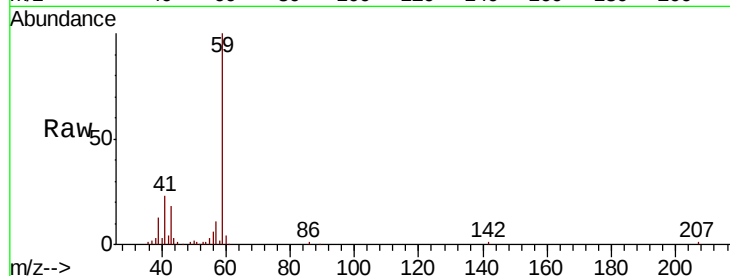


#11

Tert butyl alcohol
 Concen: 236.670 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

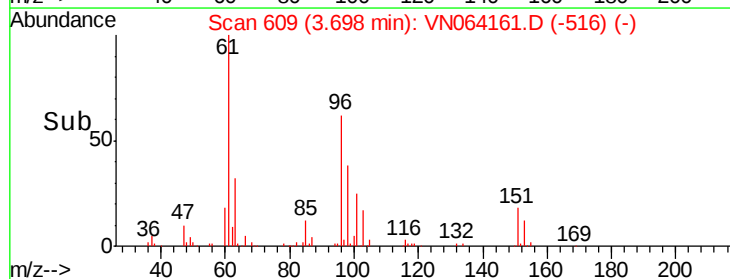
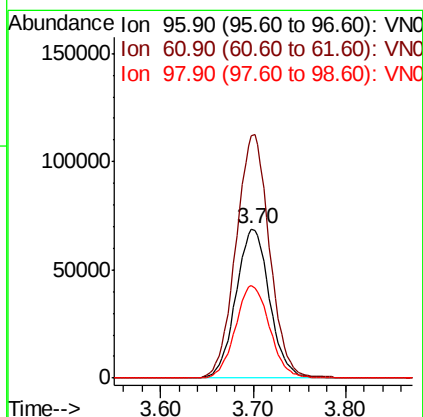
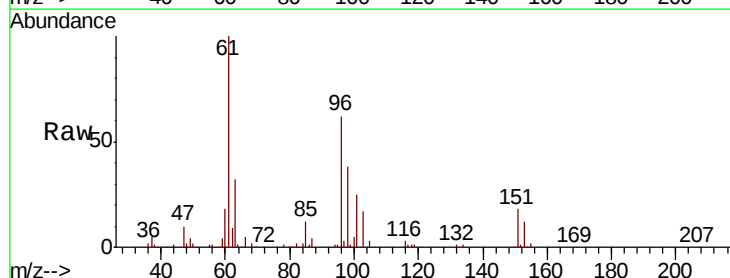
Tot Ion: 59 Resp: 133332
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.9 13.3

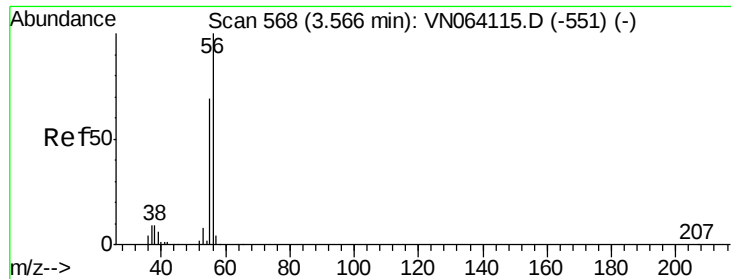


#12

1,1-Dichloroethene
 Concen: 48.895 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion: 96 Resp: 173979
 Ion Ratio Lower Upper
 96 100
 61 162.4 129.9 194.9
 98 62.2 48.9 73.3





#13

Acrolein

Concen: 428.400 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

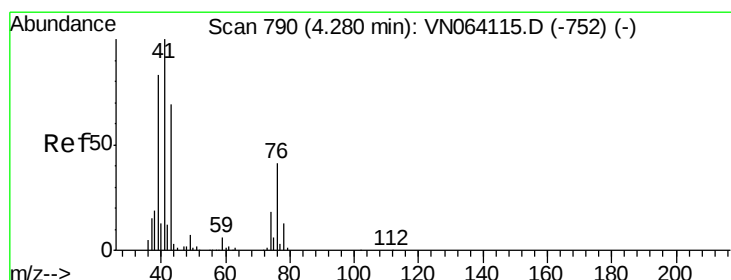
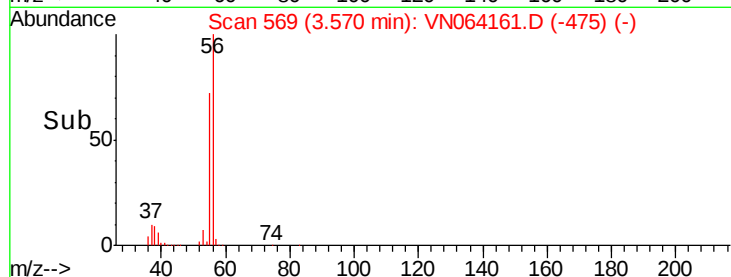
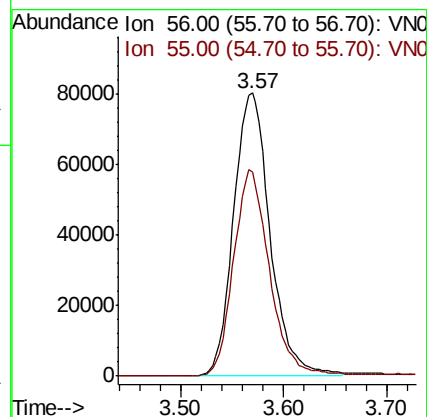
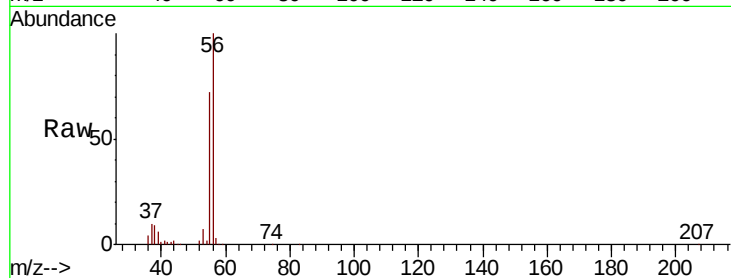
VSTDCCC050EC

Tot Ion: 56 Resp: 198236

Ion Ratio Lower Upper

56 100

55 71.8 55.8 83.6



#14

Allyl chloride

Concen: 48.262 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

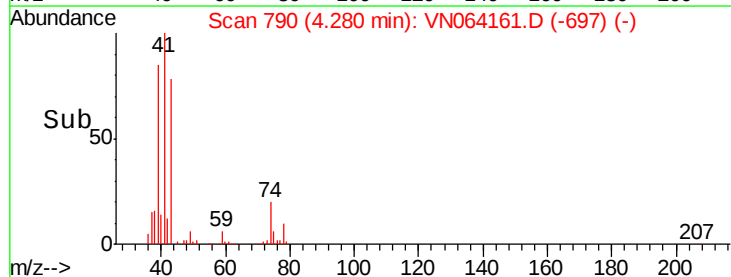
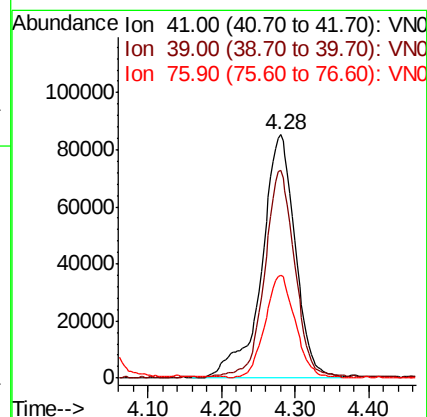
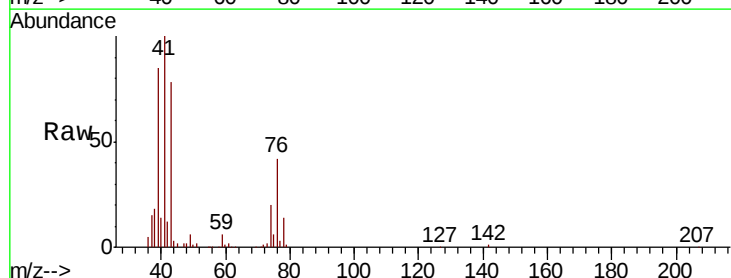
Tgt Ion: 41 Resp: 267942

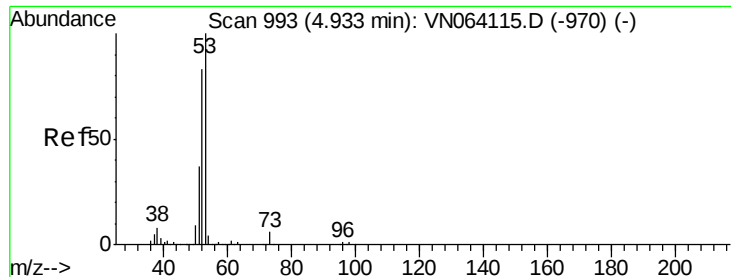
Ion Ratio Lower Upper

41 100

39 76.9 60.5 90.7

76 37.8 29.5 44.3





#15

Acrylonitrile

Concen: 250.643 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

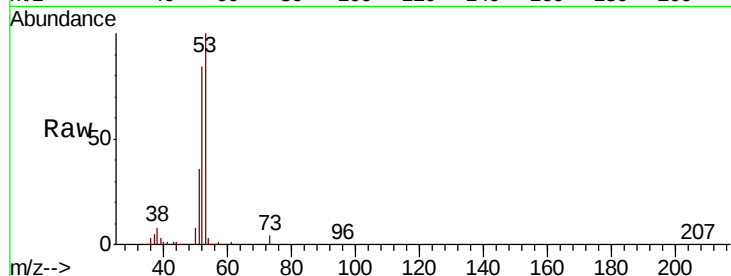
Tot Ion: 53 Resp: 405433

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.6

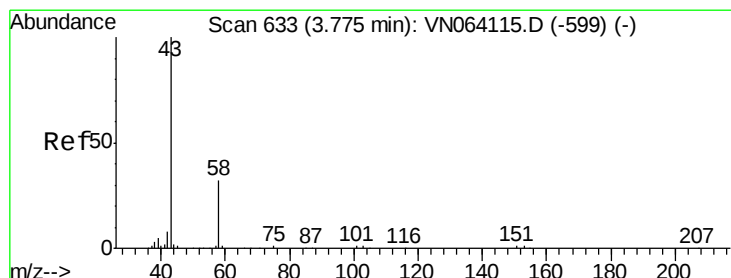
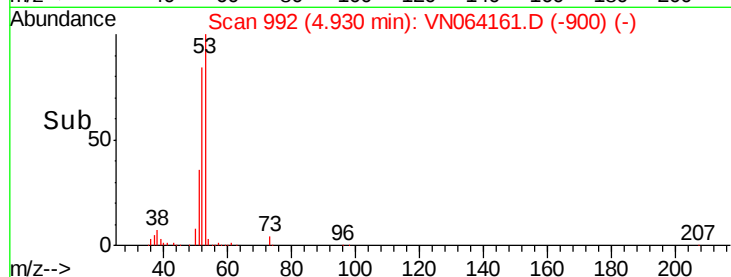
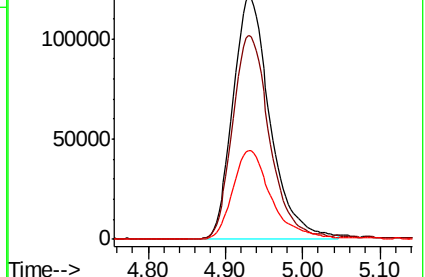
51 38.0 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VN064161.D (-990) (-)

Ion 52.00 (51.70 to 52.70): VN064161.D (-990) (-)

Ion 51.00 (50.70 to 51.70): VN064161.D (-990) (-)



#16

Acetone

Concen: 245.896 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064161.D

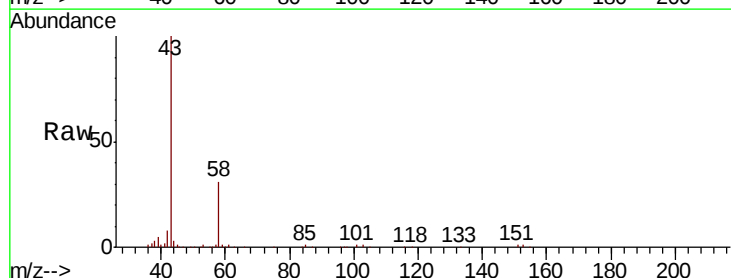
Acq: 15 Oct 2020 22:19

Tgt Ion: 43 Resp: 371108

Ion Ratio Lower Upper

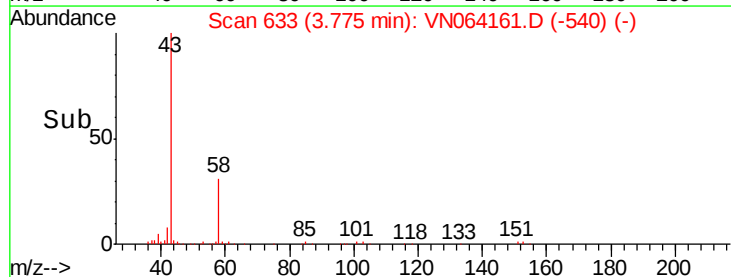
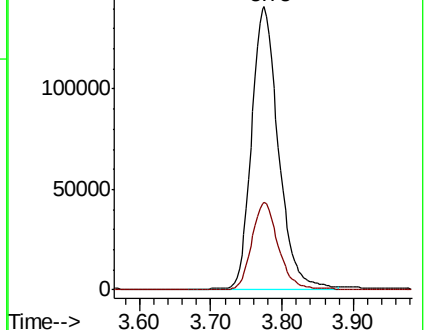
43 100

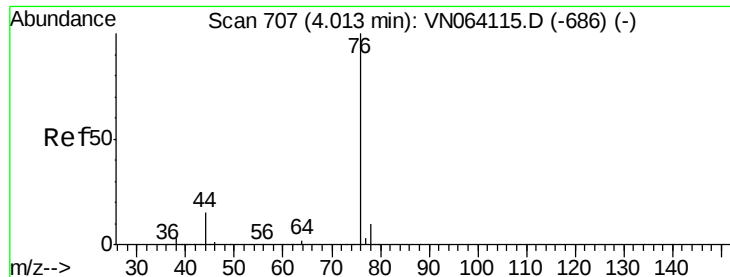
58 31.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN064161.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064161.D (-540) (-)

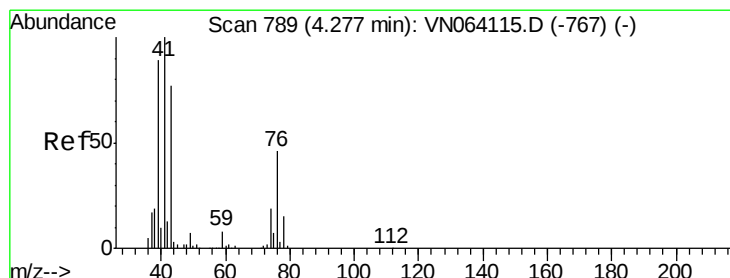
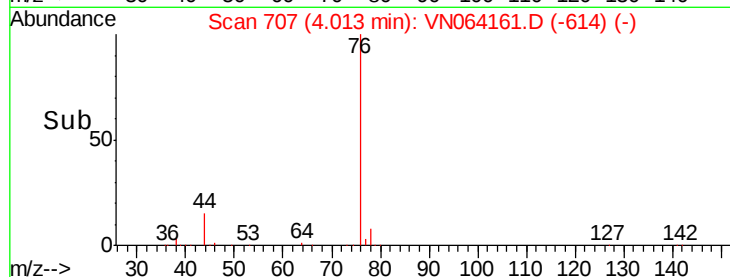
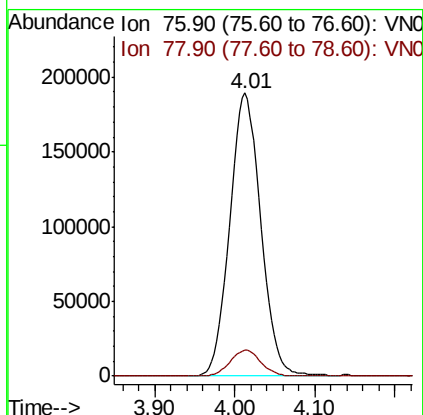
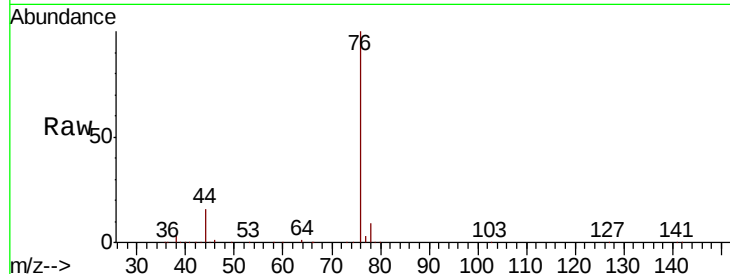




#17
Carbon Disulfide
Concen: 48.945 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

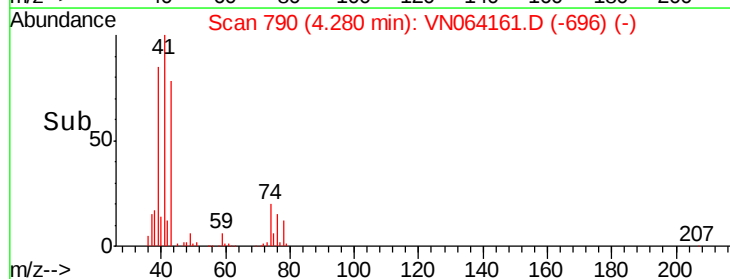
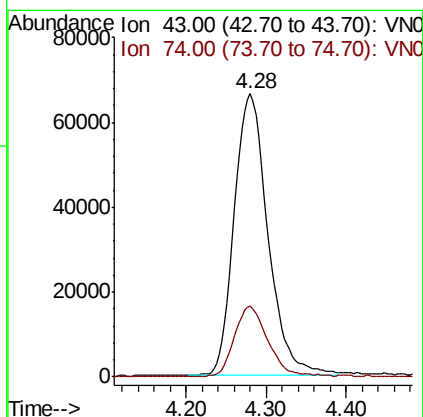
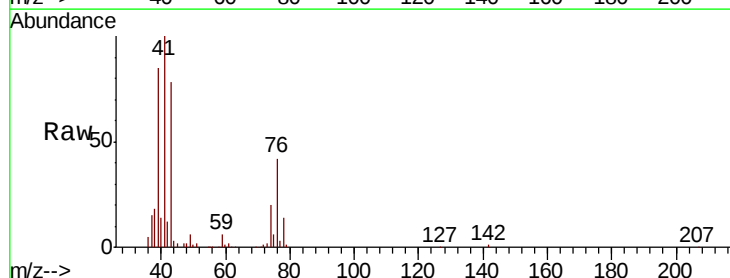
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

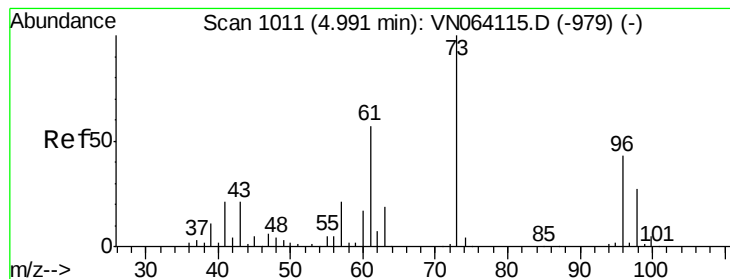
Tot Ion: 76 Resp: 497778
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 50.392 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 43 Resp: 190774
Ion Ratio Lower Upper
43 100
74 24.8 19.7 29.5



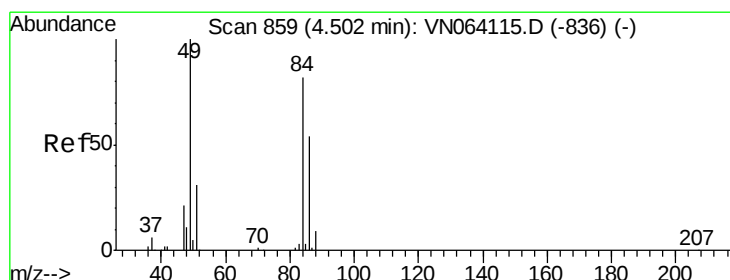
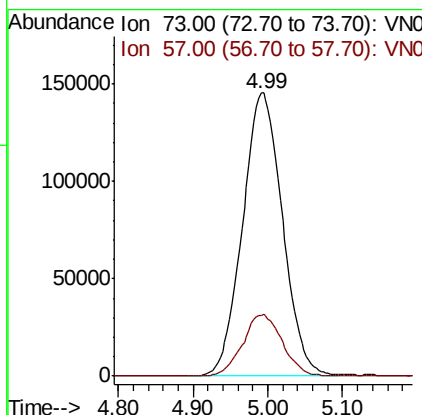
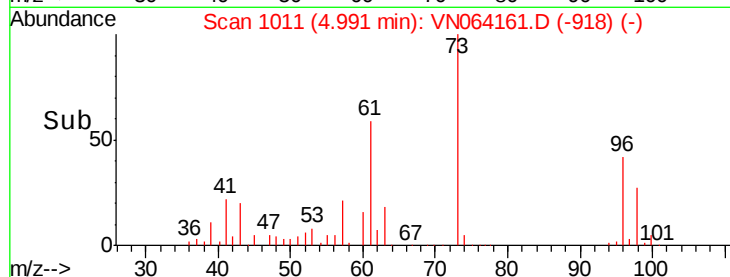
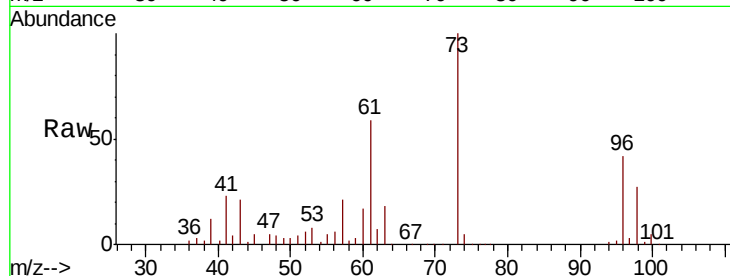


#19

Methyl tert-butyl Ether
 Concen: 51.468 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

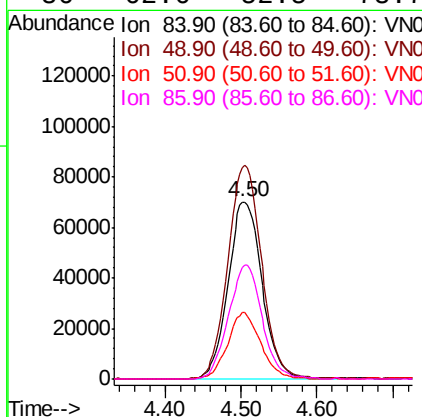
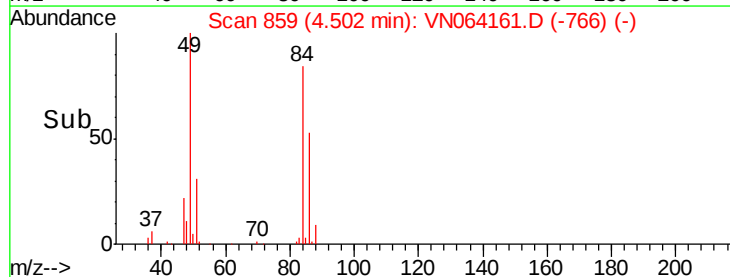
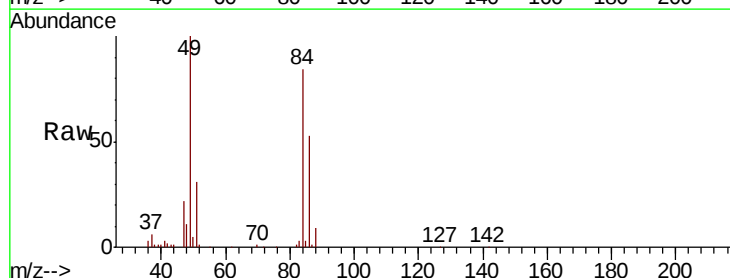
Tot Ion: 73 Resp: 540172
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.0 25.4

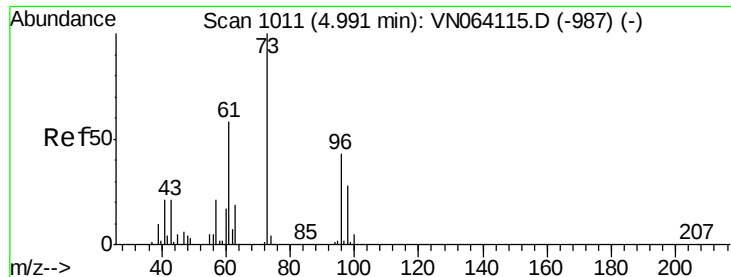


#20

Methylene Chloride
 Concen: 46.876 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion: 84 Resp: 218905
 Ion Ratio Lower Upper
 84 100
 49 118.9 97.4 146.0
 51 37.3 29.7 44.5
 86 62.6 52.5 78.7



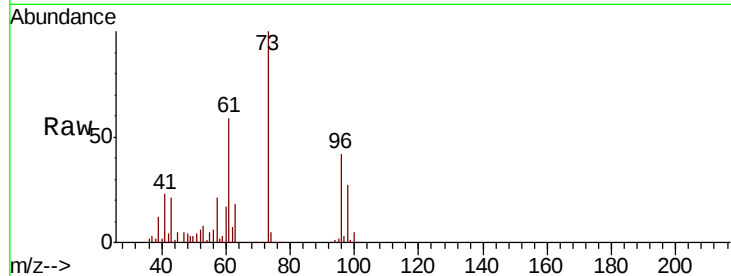


#21

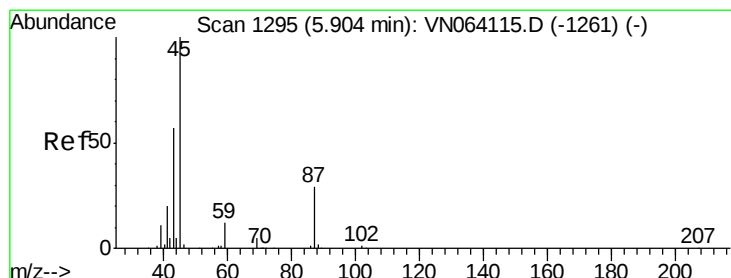
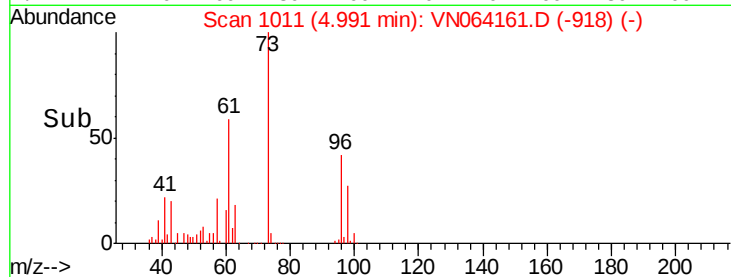
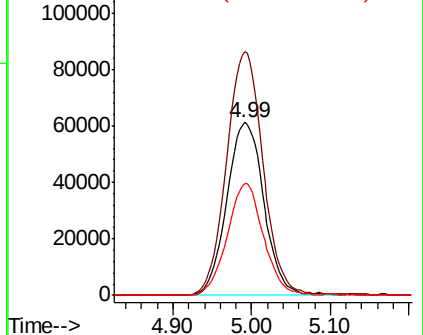
trans-1,2-Dichloroethene
Concen: 49.902 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 201311
Ion Ratio Lower Upper
96 100
61 140.8 107.0 160.4
98 64.6 51.0 76.6



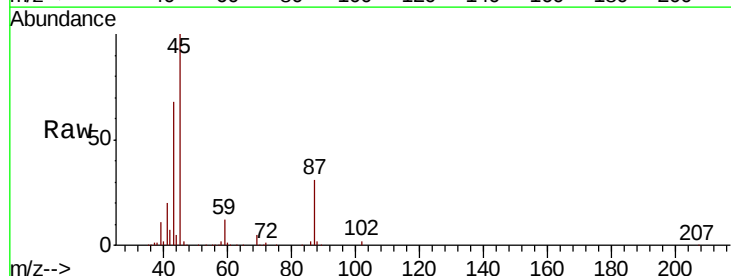
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



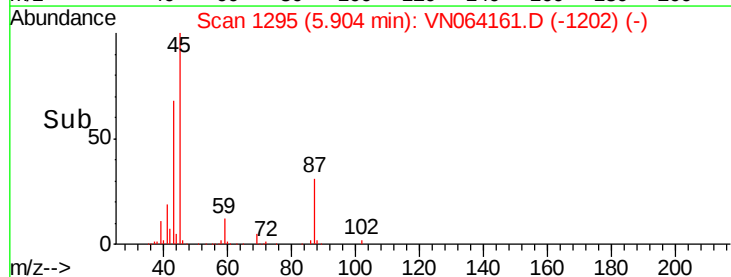
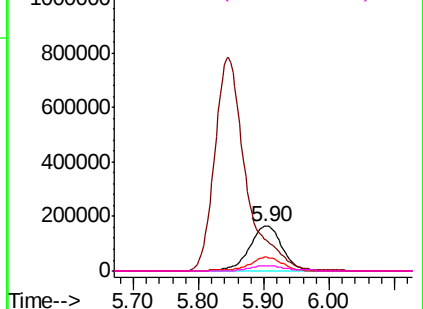
#22

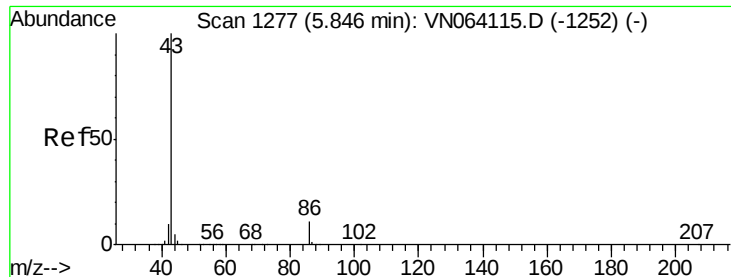
Diisopropyl ether
Concen: 53.254 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 45 Resp: 574353
Ion Ratio Lower Upper
45 100
43 66.9 50.9 76.3
87 30.5 23.5 35.3
59 11.5 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 270.789 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

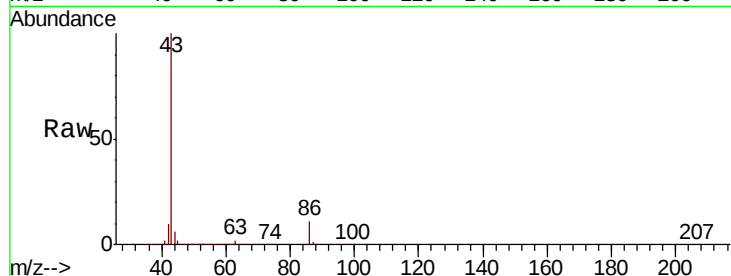
VSTDCCC050EC

Tot Ion: 43 Resp: 2608762

Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN064161.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064161.D (-1184) (-)

5.85

800000

600000

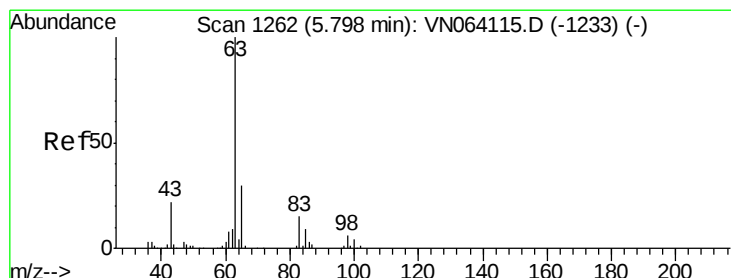
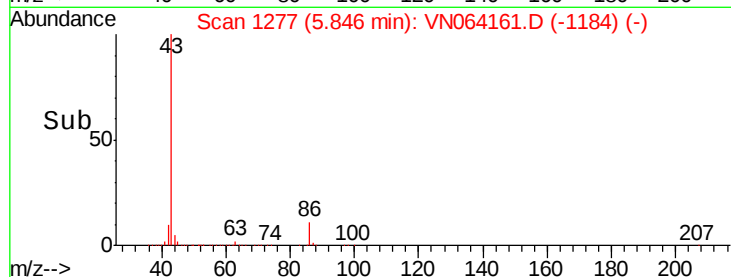
400000

200000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.561 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

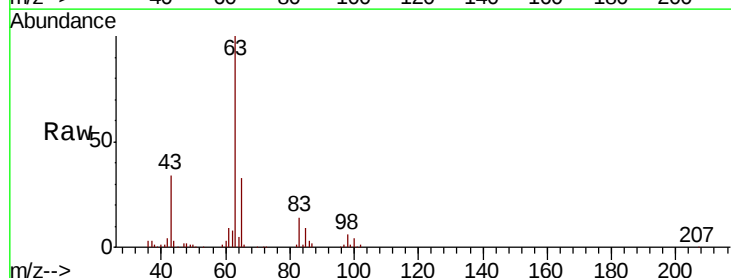
Tgt Ion: 63 Resp: 373281

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

100 3.7 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN064161.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064161.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064161.D (-1169) (-)

150000

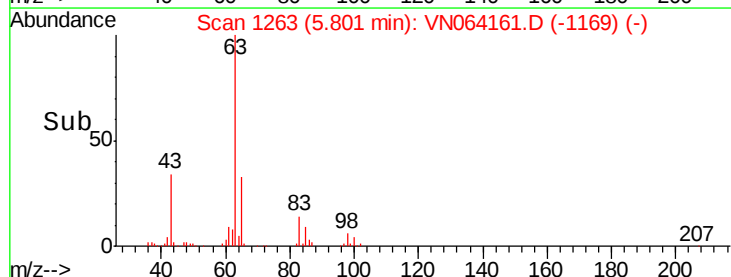
100000

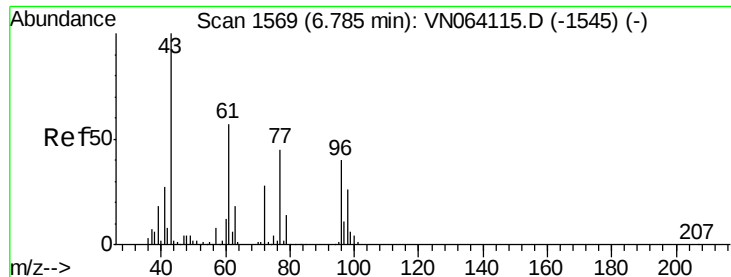
50000

0

5.70 5.80 5.90

Time-->

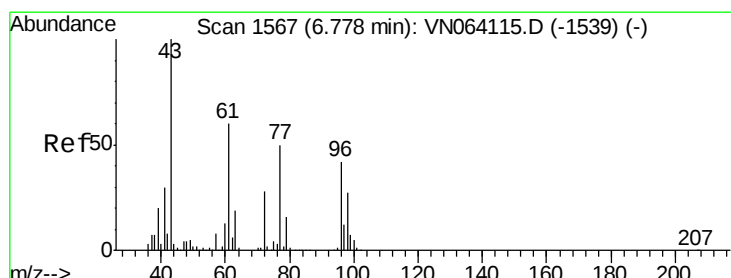
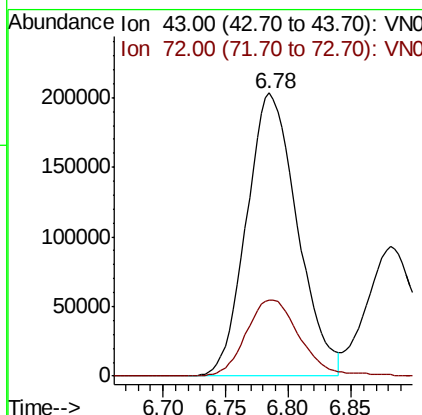
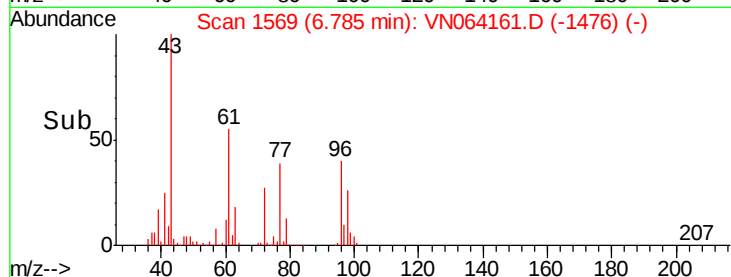
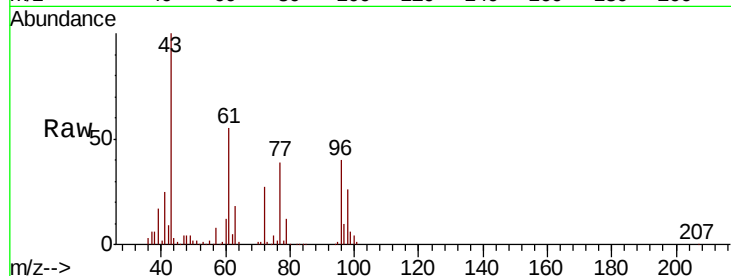




#25
2-Butanone
Concen: 245.993 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

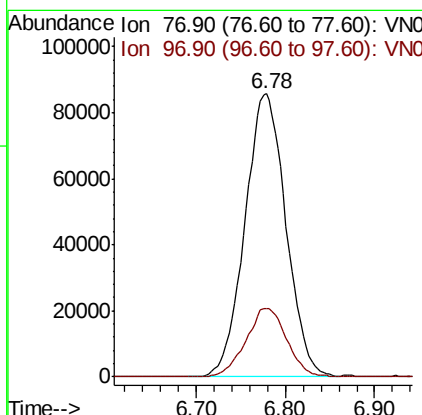
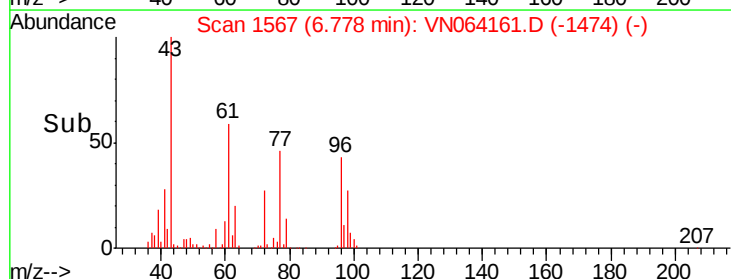
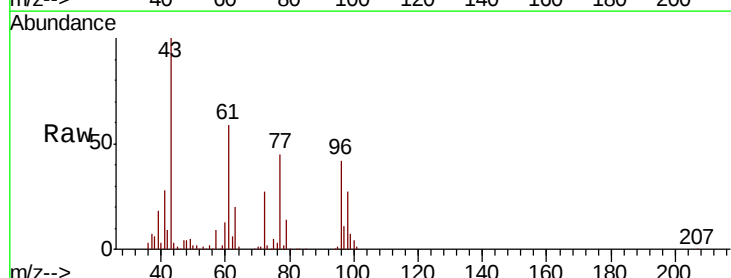
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

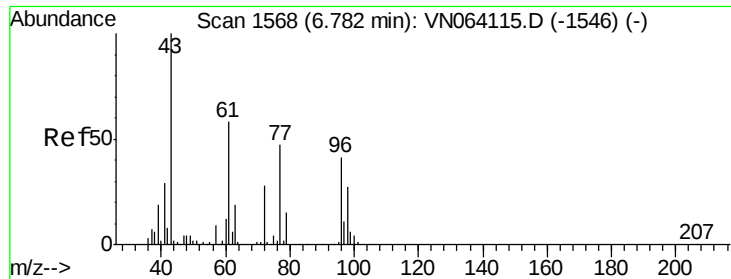
Tot Ion: 43 Resp: 571030
Ion Ratio Lower Upper
43 100
72 26.7 22.2 33.2



#26
2,2-Dichloropropane
Concen: 43.698 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 77 Resp: 273822
Ion Ratio Lower Upper
77 100
97 24.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.726 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

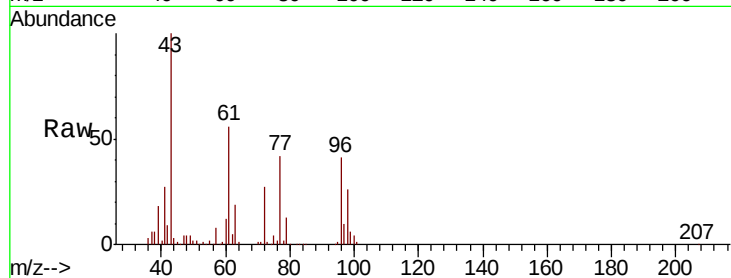
Tot Ion: 96 Resp: 235984

Ion Ratio Lower Upper

96 100

61 140.2 0.0 285.6

98 64.8 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VN064161.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064161.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064161.D (-1546) (-)

150000

100000

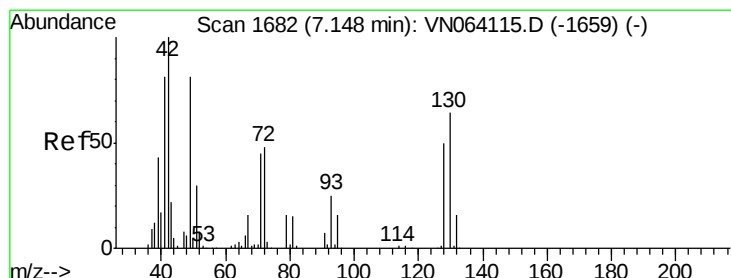
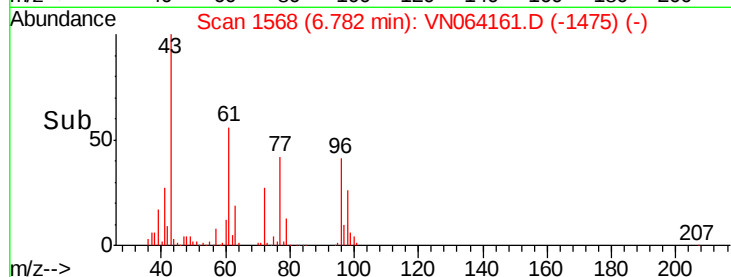
50000

0

6.78

6.70 6.80 6.90

Time-->



#28

Bromochloromethane

Concen: 49.696 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

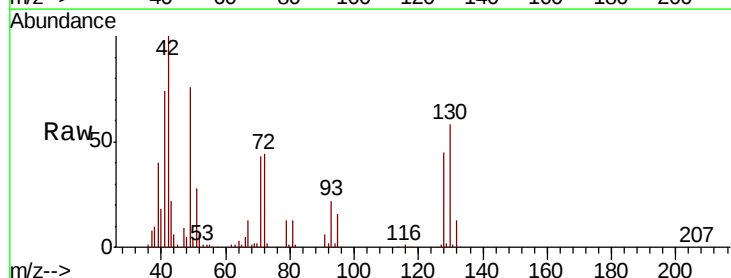
Tgt Ion: 49 Resp: 178278

Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.0#

130 77.5 0.0 0.0#



Abundance Ion 48.90 (48.60 to 49.60): VN064161.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064161.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064161.D (-1589) (-)

80000

60000

40000

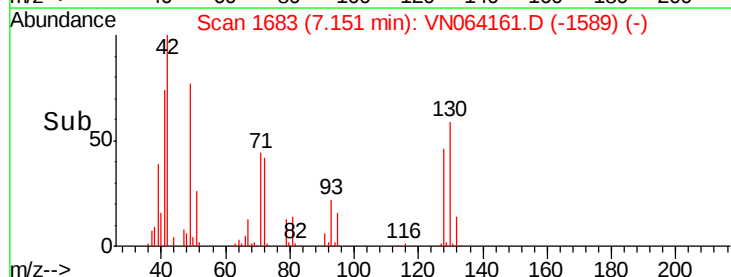
20000

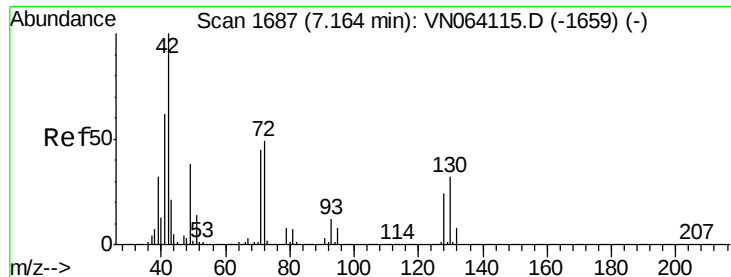
0

7.15

7.10 7.20

Time-->

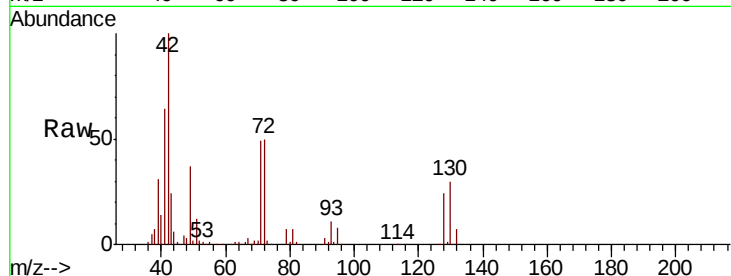




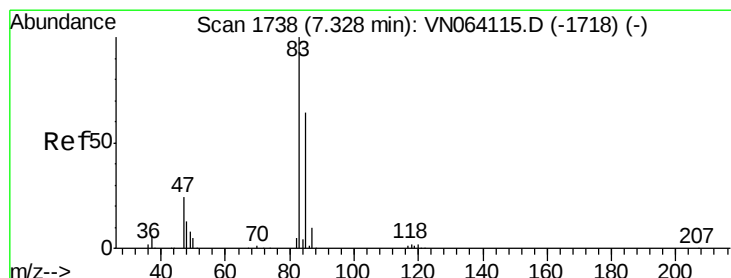
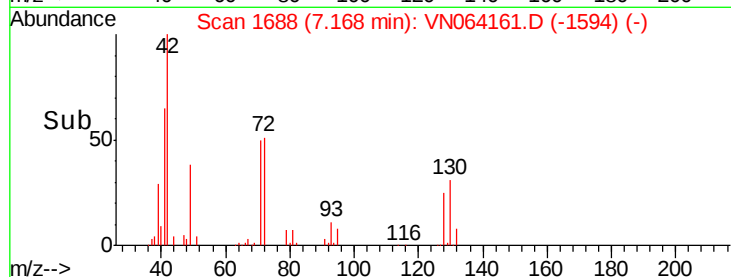
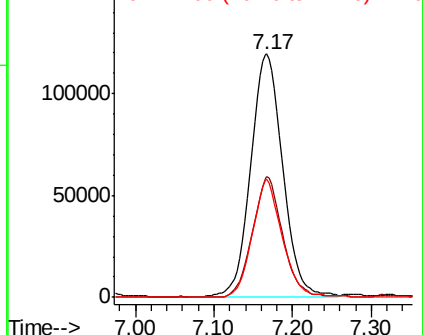
#29
Tetrahydrofuran
Concen: 253.813 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 344340
Ion Ratio Lower Upper
42 100
72 47.1 37.8 56.6
71 45.1 35.3 52.9

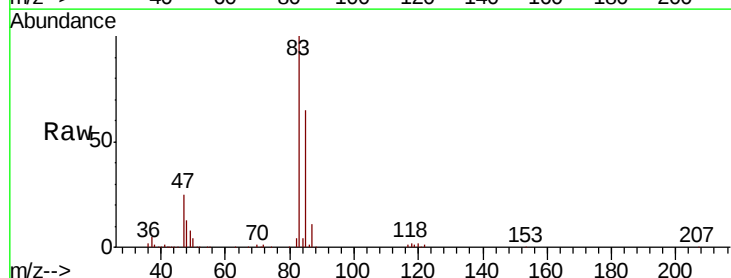


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

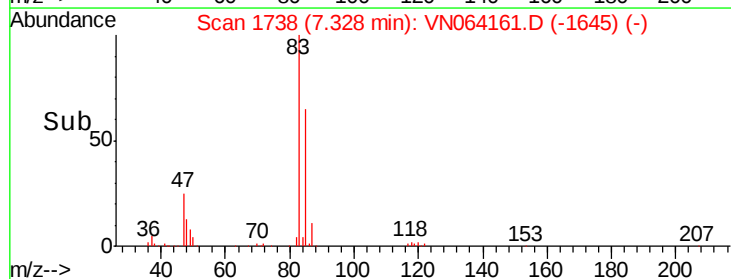
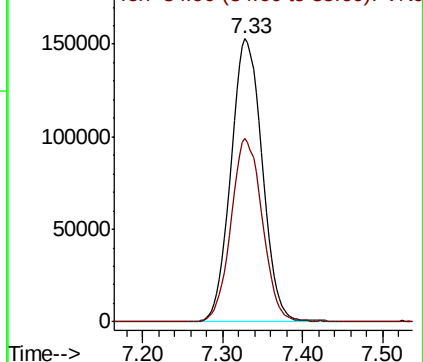


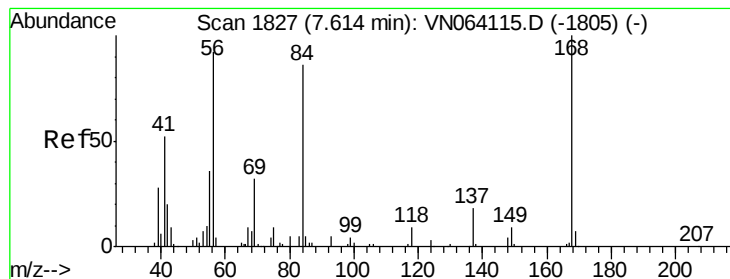
#30
Chloroform
Concen: 50.609 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 83 Resp: 406074
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.842 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

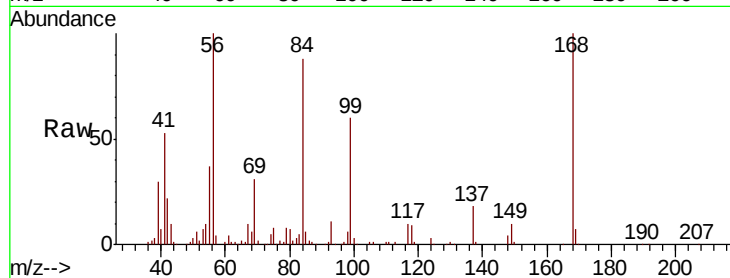
Tot Ion: 56 Resp: 269100

Ion Ratio Lower Upper

56 100

69 31.4 27.8 41.6

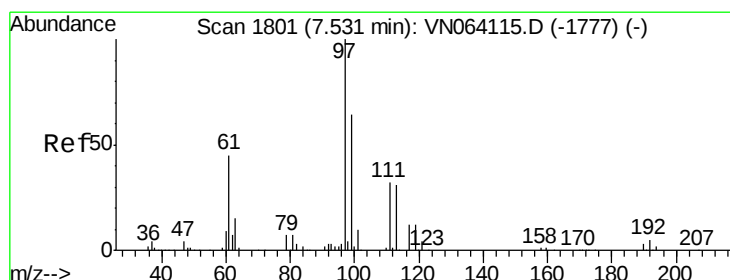
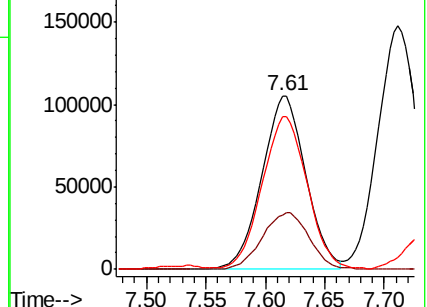
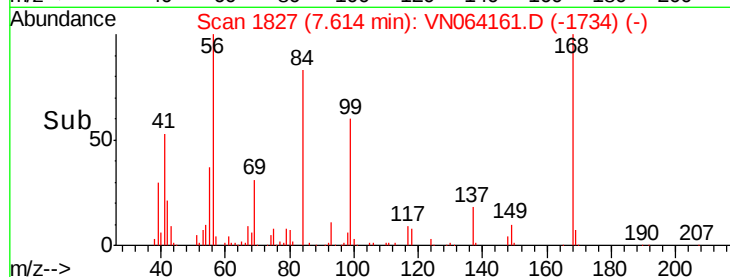
84 85.3 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN064161.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064161.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064161.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 50.707 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

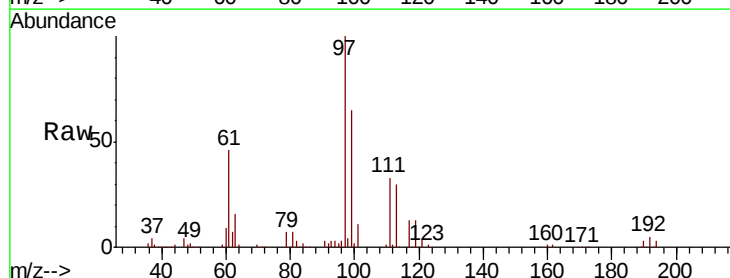
Tgt Ion: 97 Resp: 351569

Ion Ratio Lower Upper

97 100

99 64.2 50.2 75.2

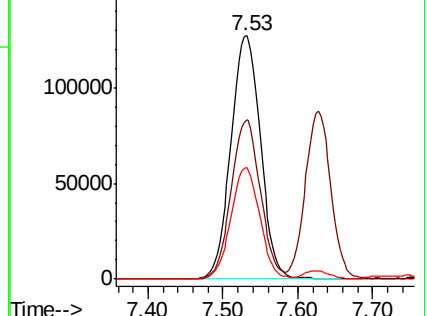
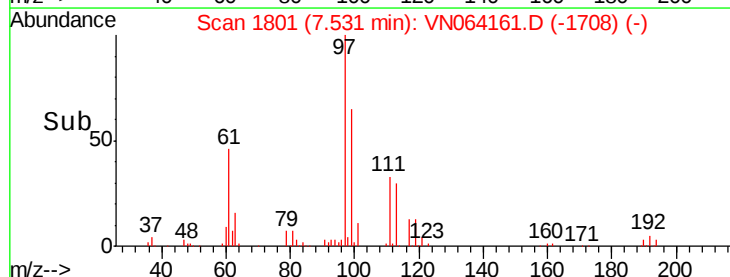
61 44.7 35.6 53.4

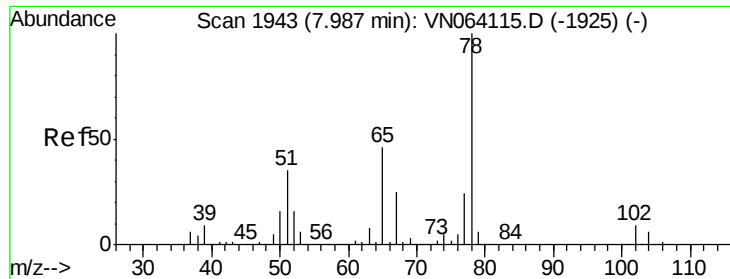


Abundance Ion 96.90 (96.60 to 97.60): VN064161.D (-1708) (-)

Ion 98.90 (98.60 to 99.60): VN064161.D (-1708) (-)

Ion 60.90 (60.60 to 61.60): VN064161.D (-1708) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.177 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

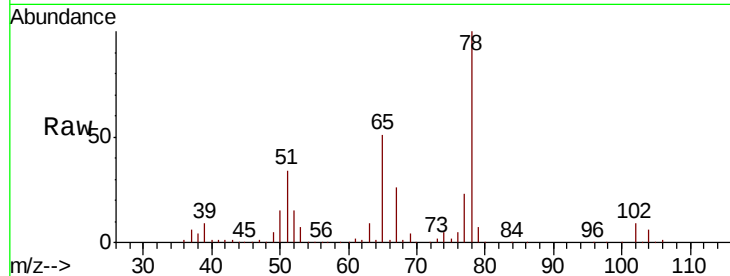
VSTDCCC050EC

Tot Ion: 65 Resp: 250216

Ion Ratio Lower Upper

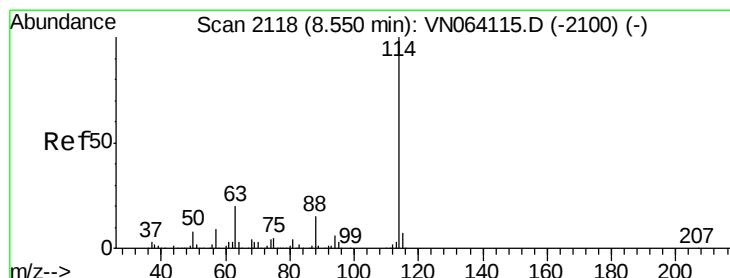
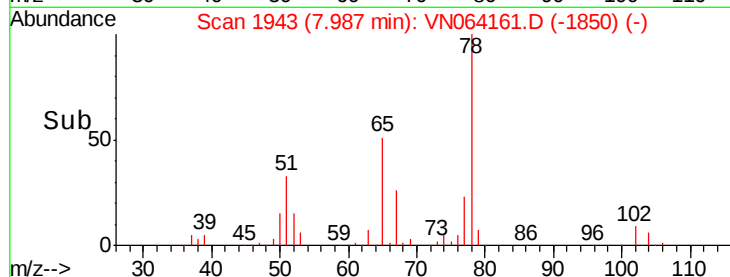
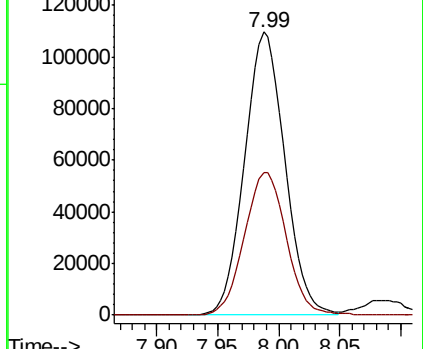
65 100

67 52.1 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

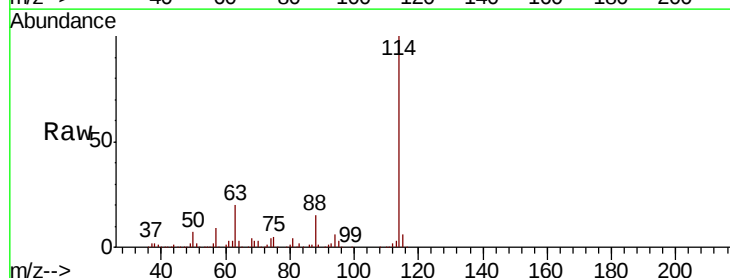
Tgt Ion: 114 Resp: 595777

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.0

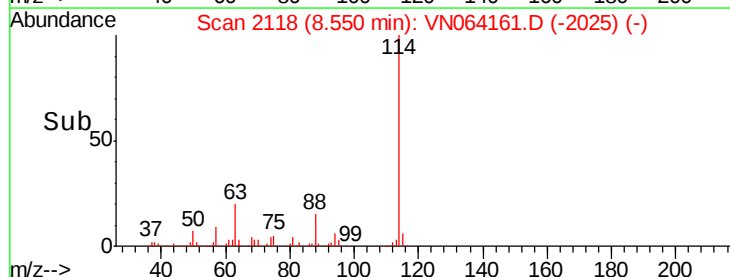
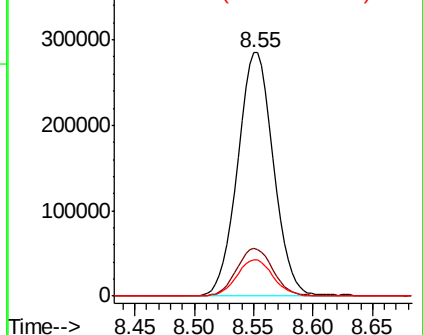
88 14.9 0.0 29.2

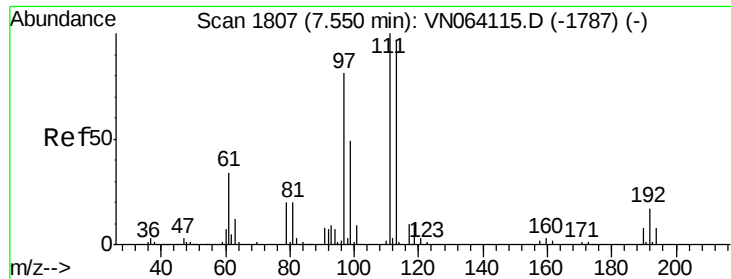


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

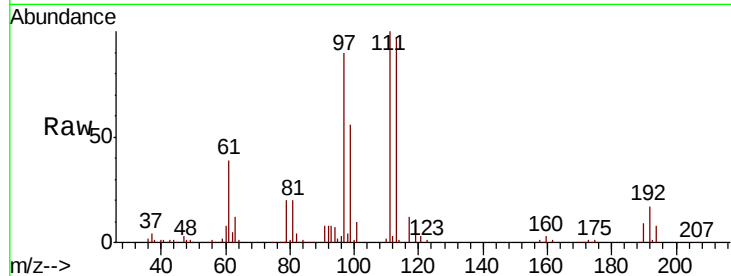




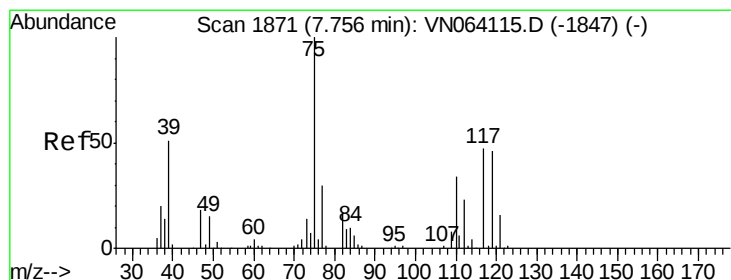
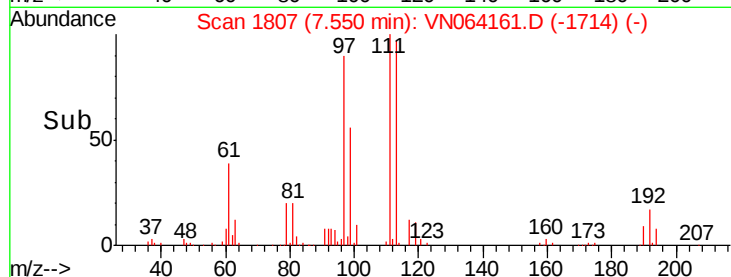
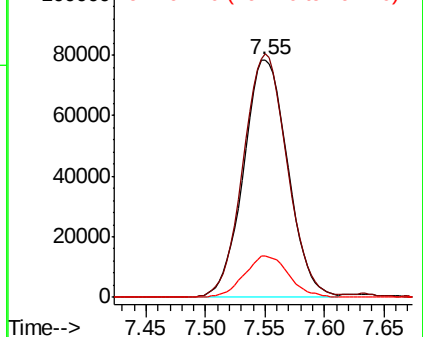
#35
Dibromofluoromethane
Concen: 49.057 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	17.5	14.3	21.5

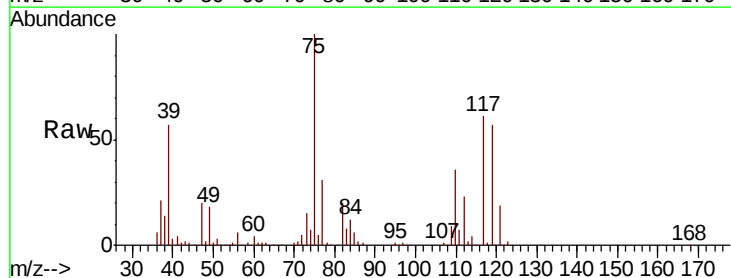


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

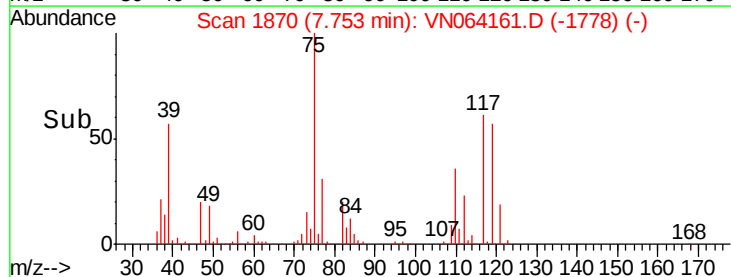
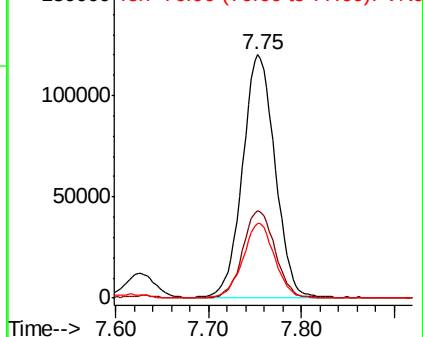


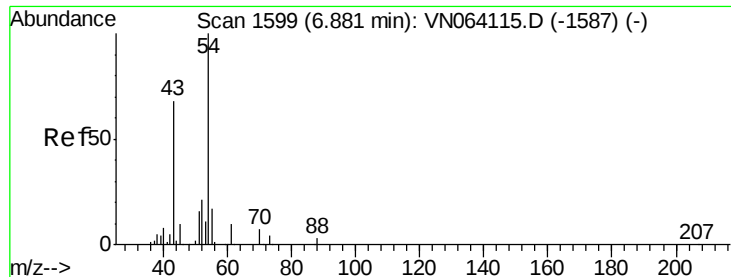
#36
1,1-Dichloropropene
Concen: 50.732 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.8	53.3
77	30.4	24.9	37.3



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

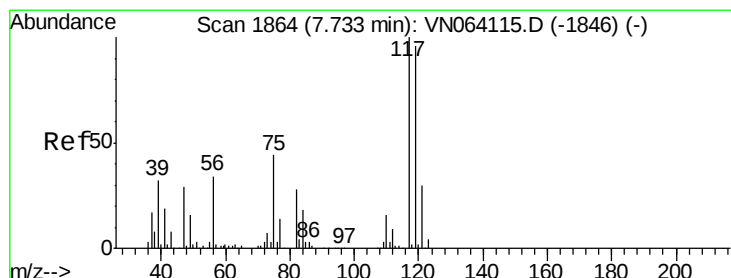
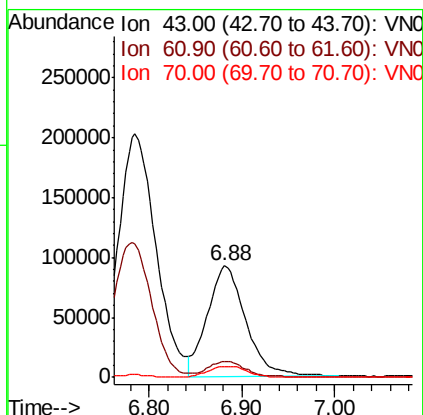
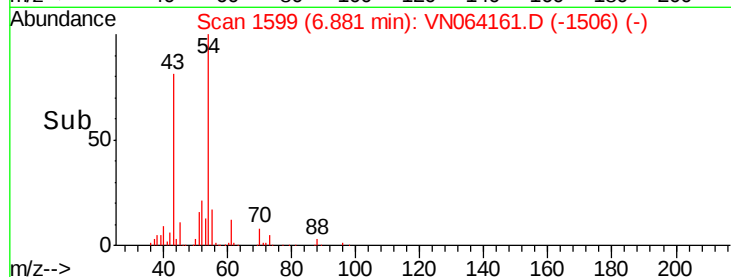
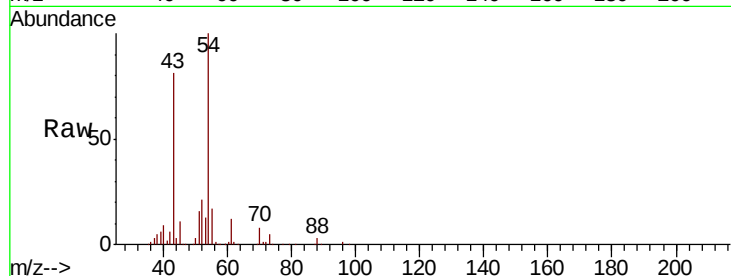




#37
Ethyl Acetate
Concen: 51.951 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

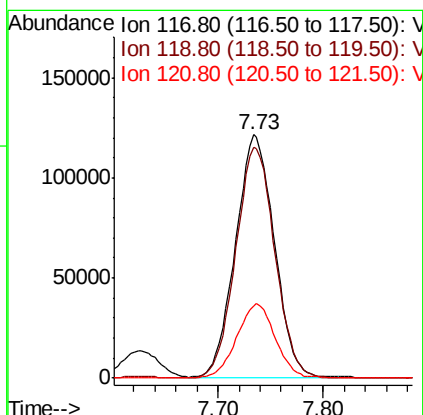
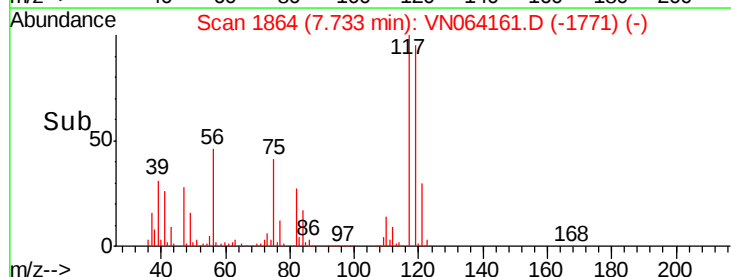
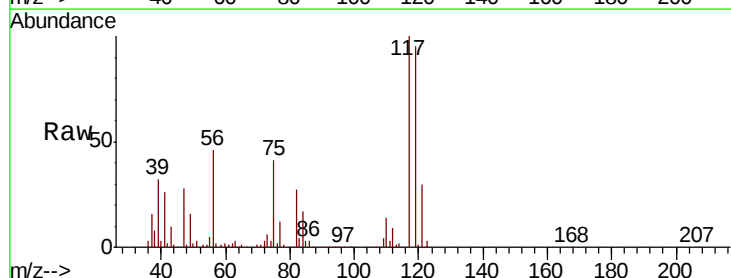
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

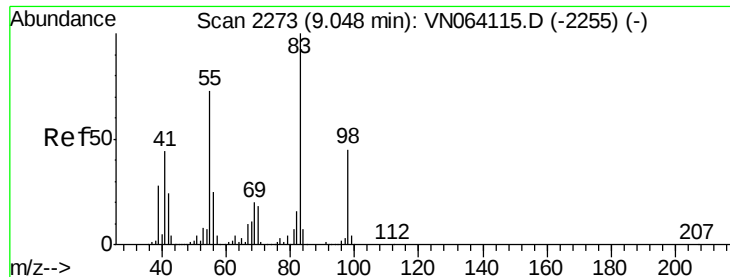
Tot Ion: 43 Resp: 264756
Ion Ratio Lower Upper
43 100
61 14.3 11.3 16.9
70 10.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.096 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 117 Resp: 309340
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.4
121 29.9 24.2 36.4

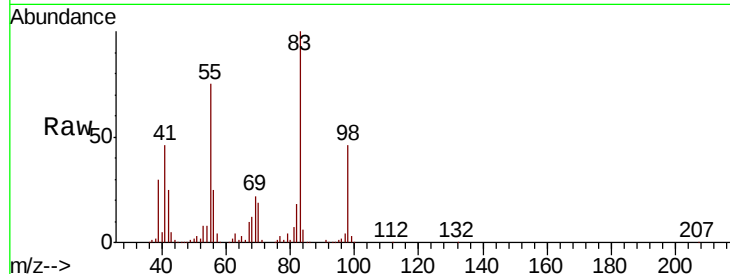




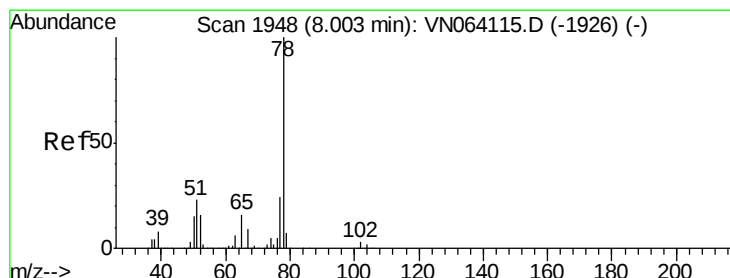
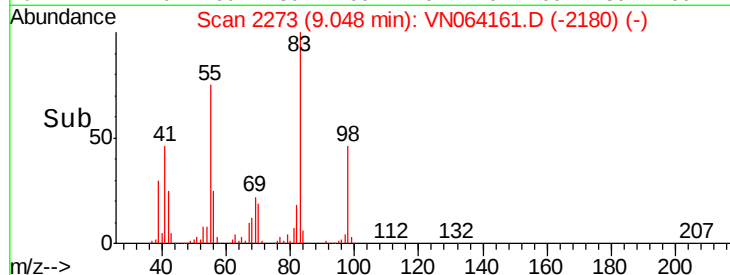
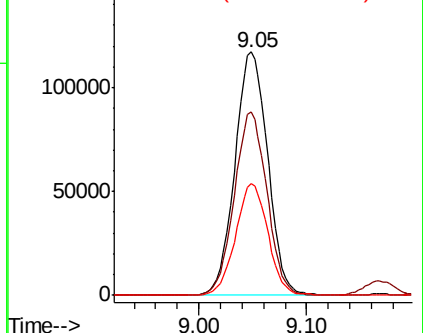
#39
Methvlcvclohexane
Concen: 51.528 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 248764
Ion Ratio Lower Upper
83 100
55 75.5 58.5 87.7
98 45.9 36.2 54.2

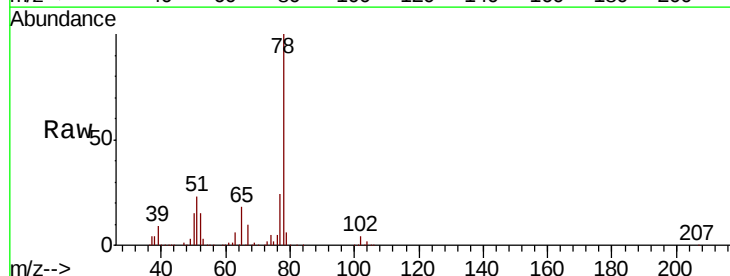


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

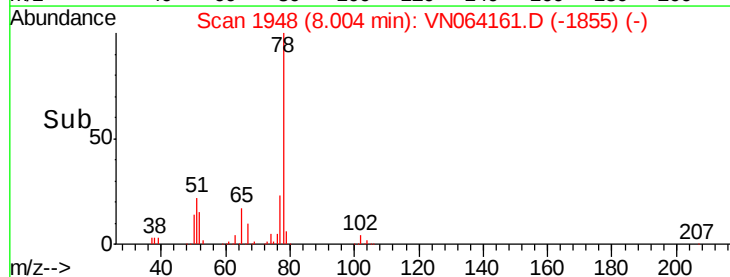
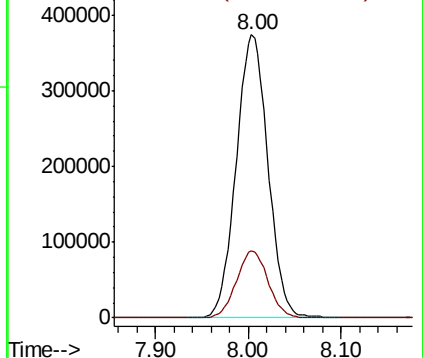


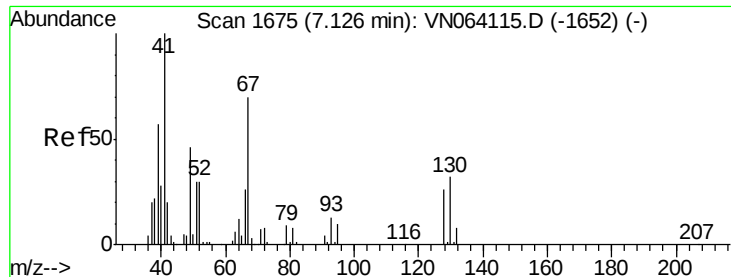
#40
Benzene
Concen: 51.146 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 78 Resp: 889428
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

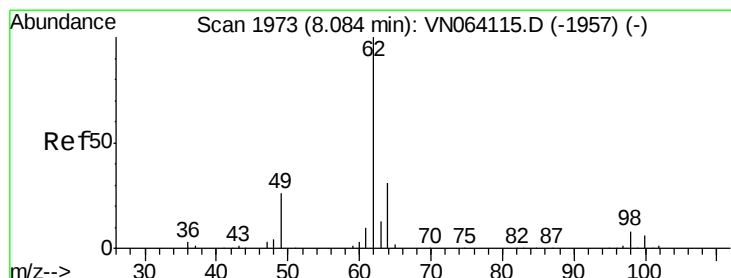
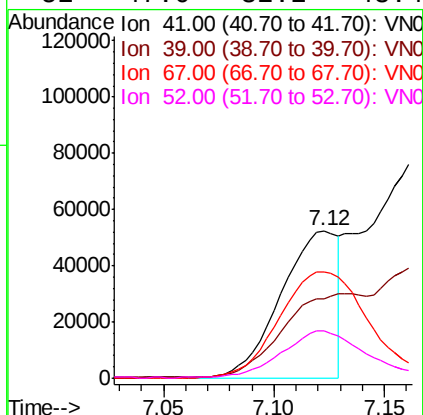
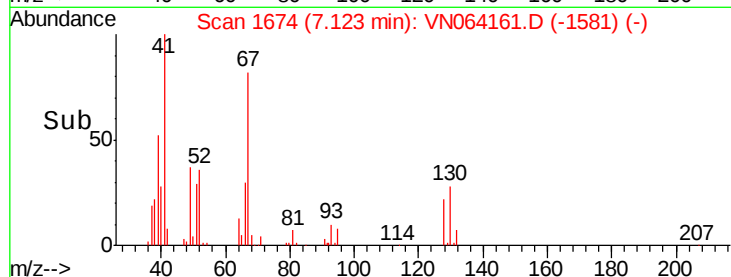
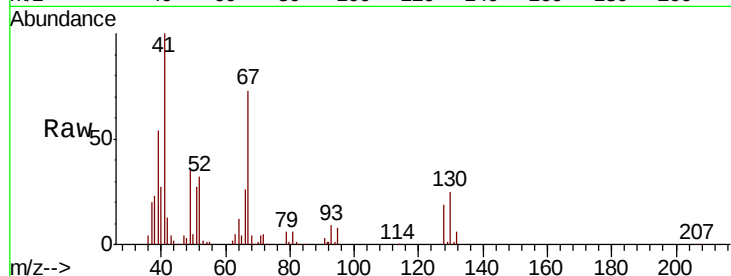




#41
Methacrylonitrile
Concen: 42.387 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

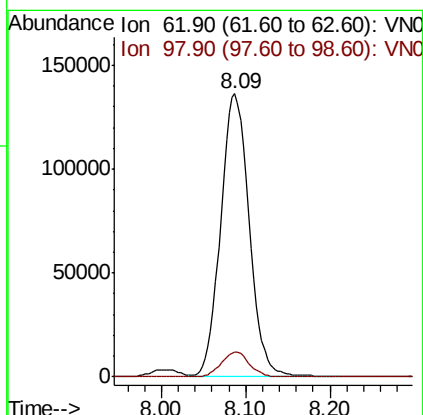
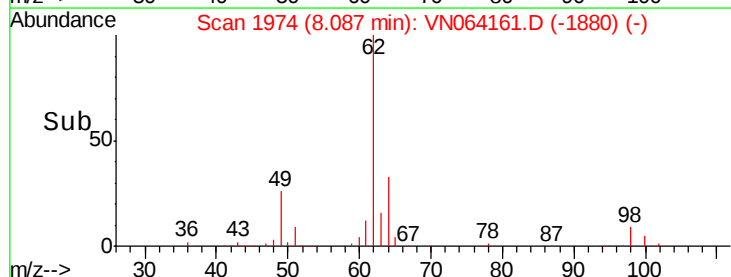
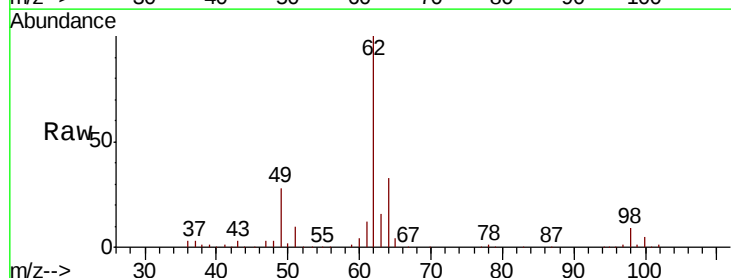
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

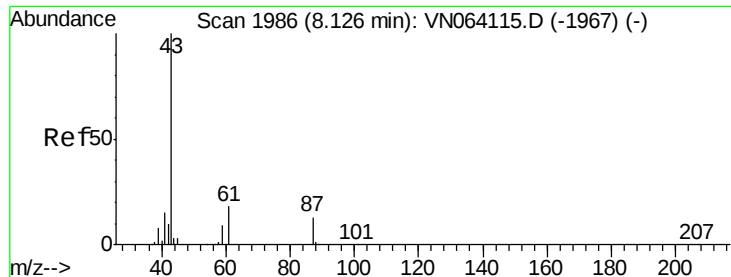
Tot Ion: 41 Resp: 93522
Ion Ratio Lower Upper
41 100
39 81.1 50.7 76.1#
67 116.2 73.8 110.6#
52 47.0 32.2 48.4



#42
1,2-Dichloroethane
Concen: 51.764 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 62 Resp: 320296
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 50.771 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

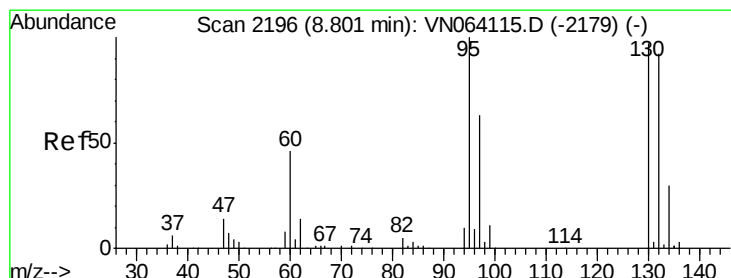
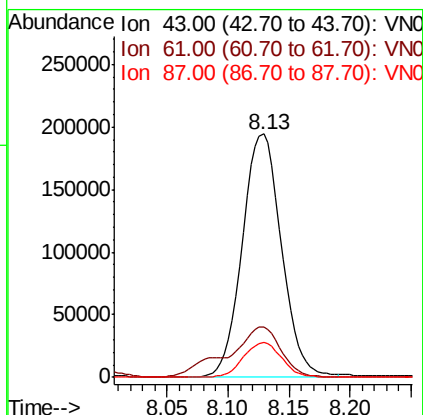
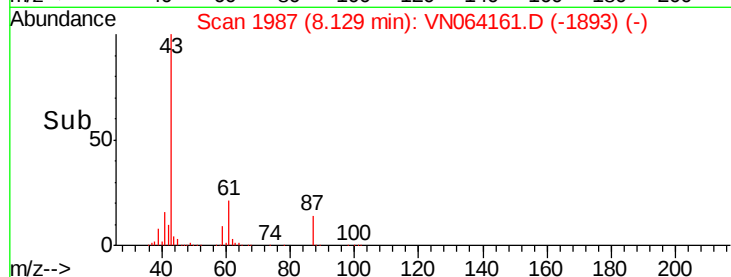
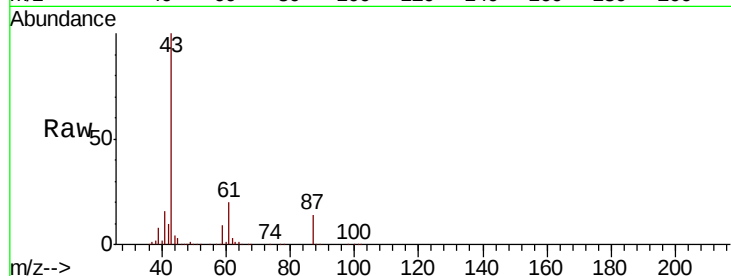
Tot Ion: 43 Resp: 429365

Ion Ratio Lower Upper

43 100

61 20.9 21.9 32.9#

87 14.2 11.0 16.4



#44

Trichloroethene

Concen: 49.760 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064161.D

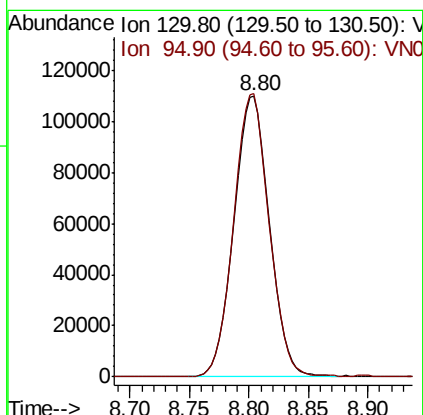
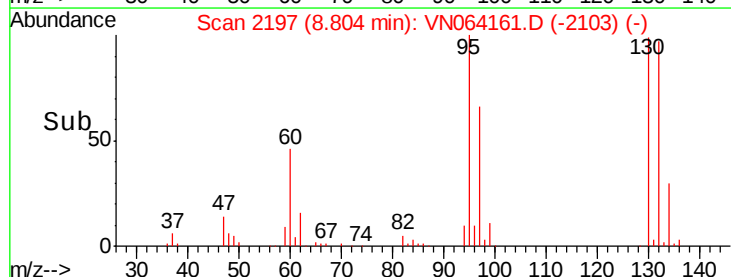
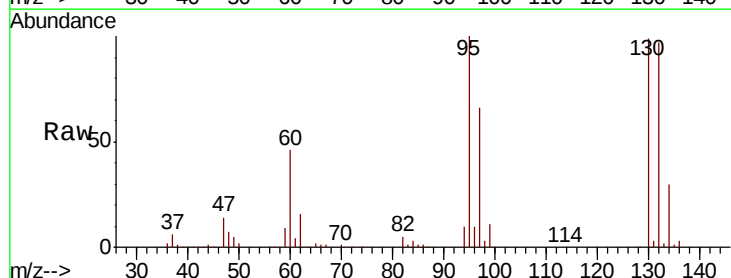
Acq: 15 Oct 2020 22:19

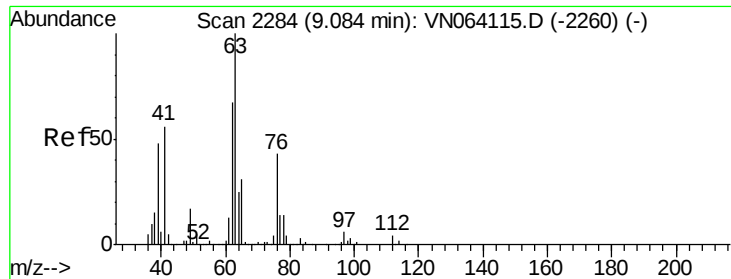
Tgt Ion: 130 Resp: 227540

Ion Ratio Lower Upper

130 100

95 100.6 0.0 206.2





#45

1,2-Dichloropropane

Concen: 51.076 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

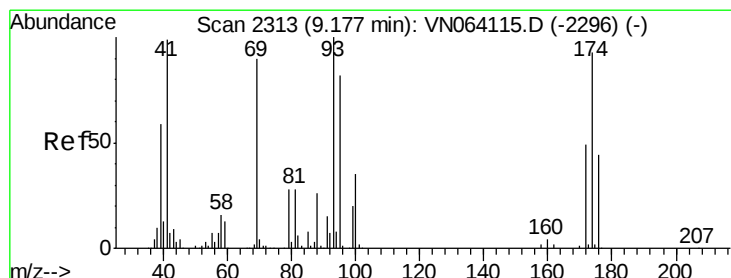
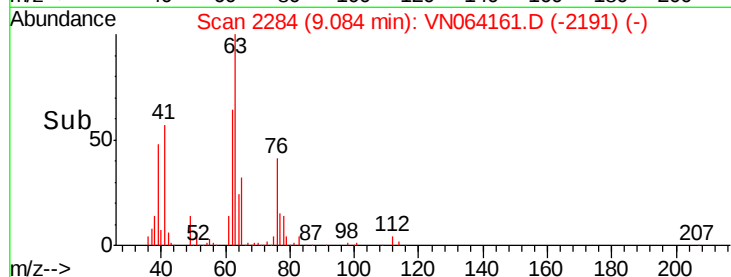
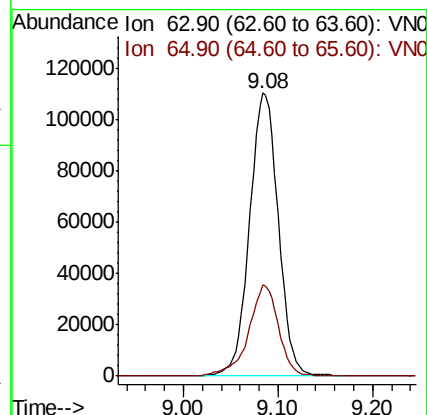
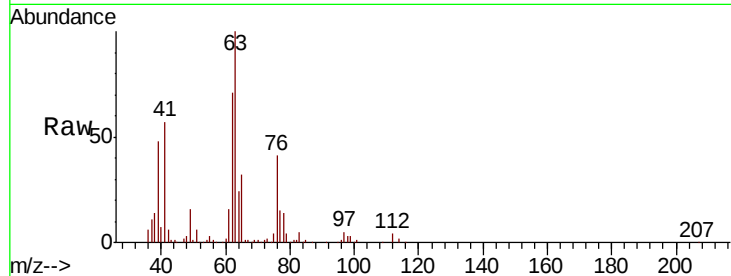
VSTDCCC050EC

Tot Ion: 63 Resp: 232710

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.6



#46

Dibromomethane

Concen: 50.581 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

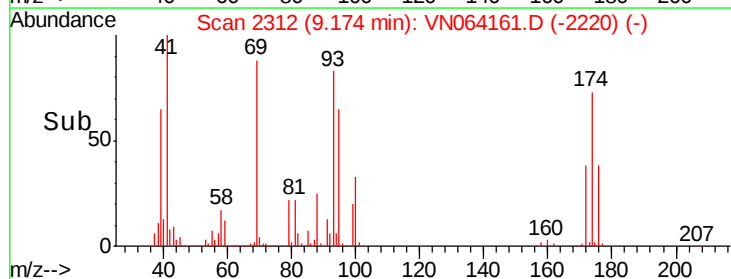
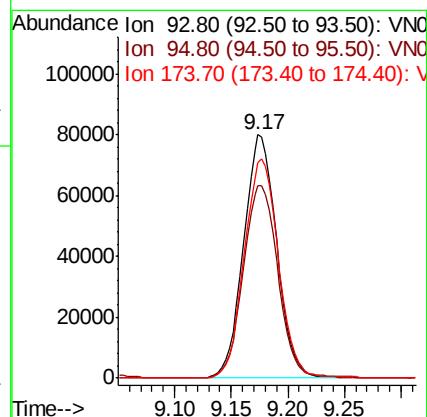
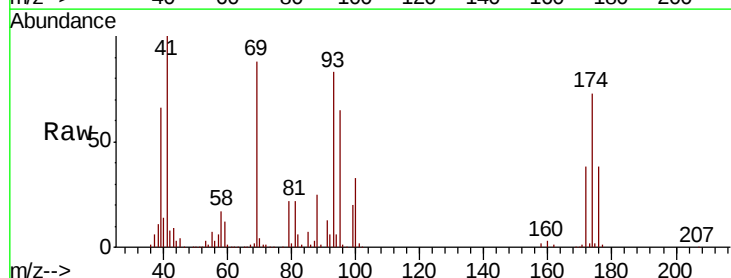
Tgt Ion: 93 Resp: 163501

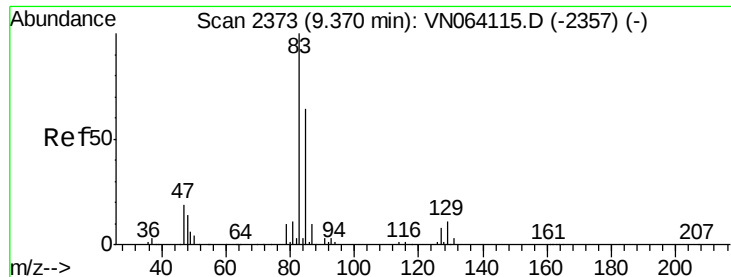
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 92.7 75.2 112.8

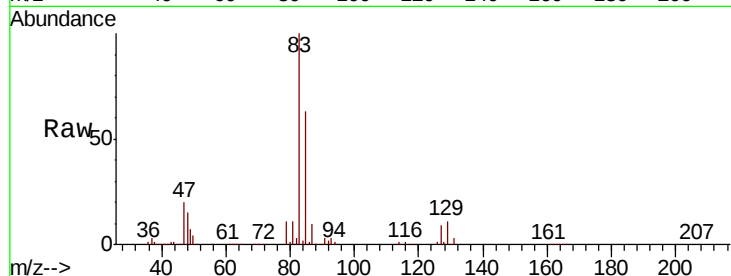




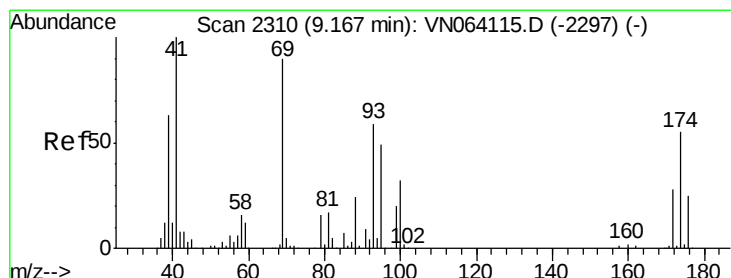
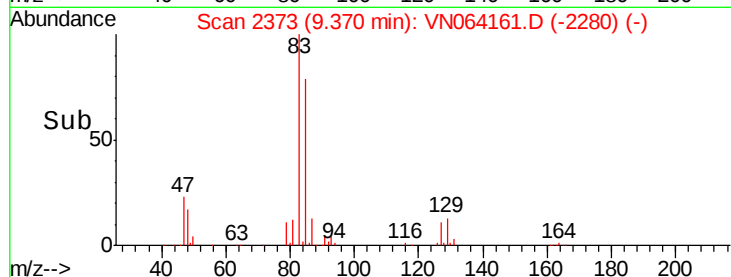
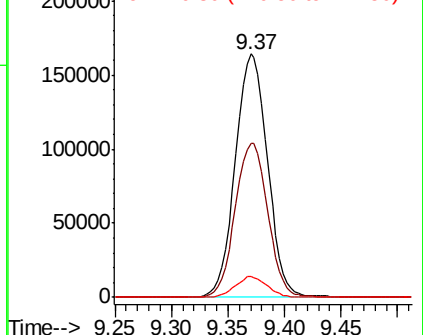
#47
Bromodichloromethane
Concen: 51.593 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 326290
Ion Ratio Lower Upper
83 100
85 63.3 50.8 76.2
127 8.7 6.6 9.8

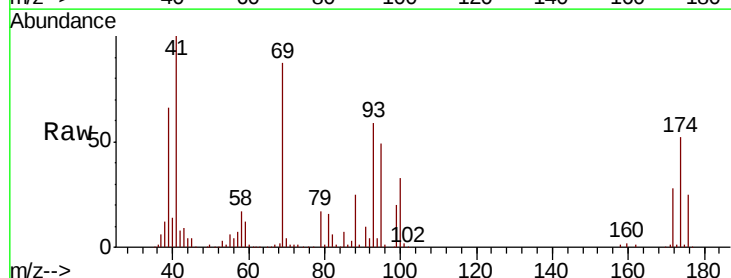


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

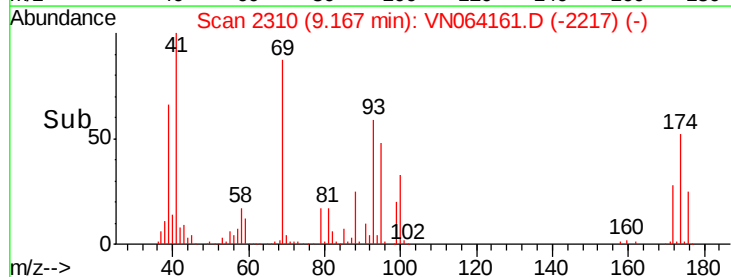
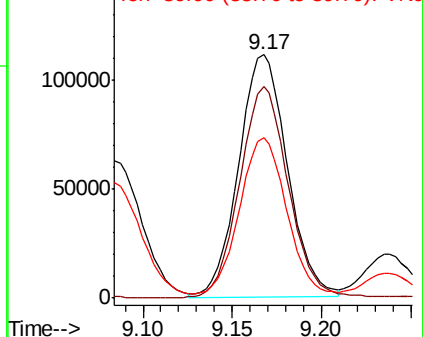


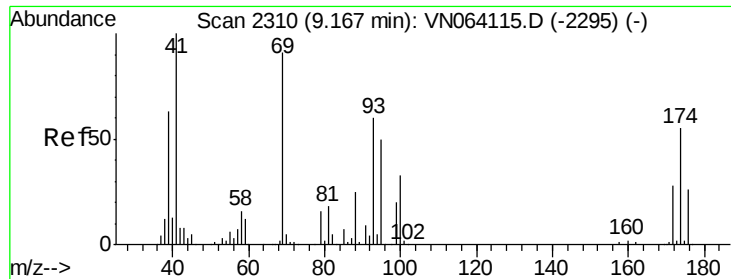
#48
Methyl methacrylate
Concen: 54.539 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 41 Resp: 213050
Ion Ratio Lower Upper
41 100
69 87.4 71.4 107.2
39 64.7 52.5 78.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

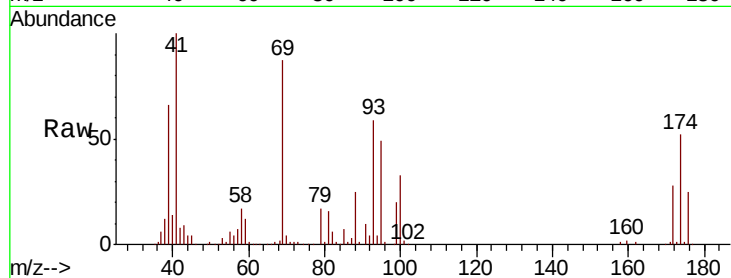




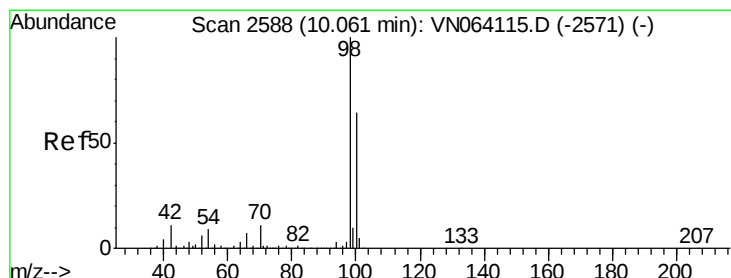
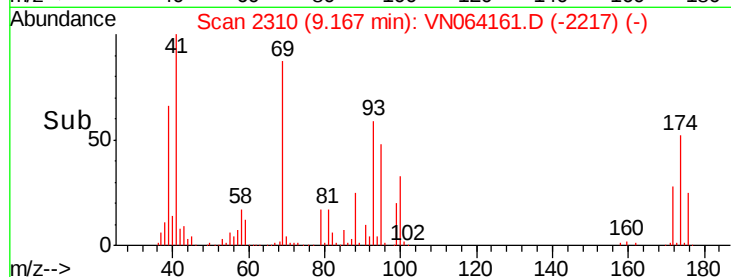
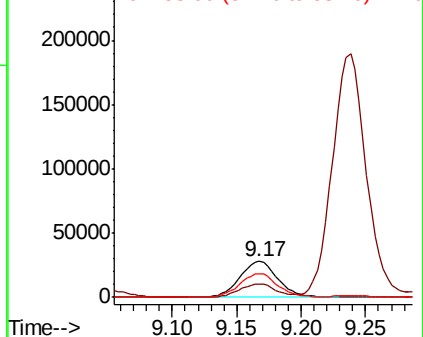
#49
1,4-Dioxane
Concen: 969.755 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 57524
Ion Ratio Lower Upper
88 100
43 32.5 27.2 40.8
58 66.0 52.6 78.8

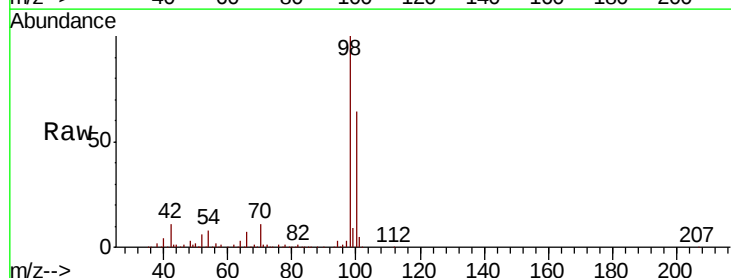


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

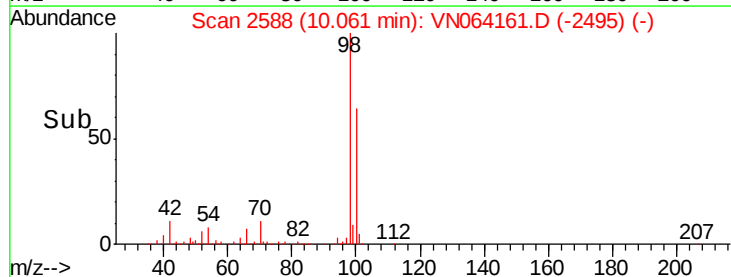
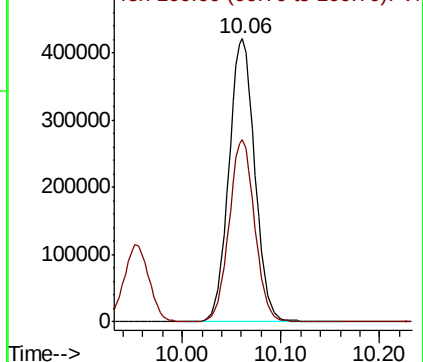


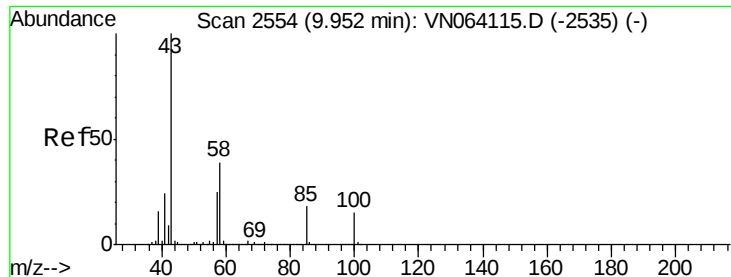
#50
Toluene-d8
Concen: 49.693 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 98 Resp: 773187
Ion Ratio Lower Upper
98 100
100 63.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 266.781 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

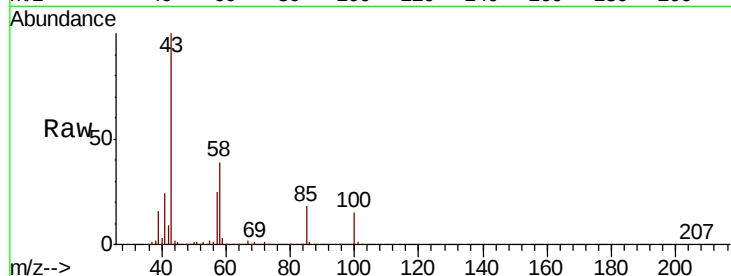
VSTDCCC050EC

Tot Ion: 43 Resp: 1335038

Ion Ratio Lower Upper

43 100

58 39.3 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

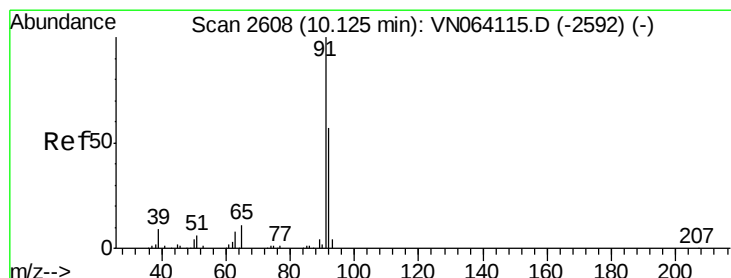
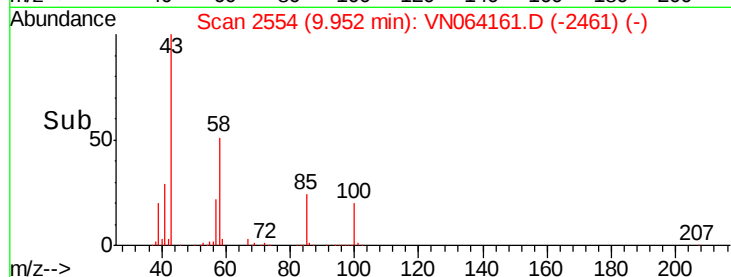
400000

200000

0

9.95

Time-->



#52

Toluene

Concen: 52.461 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064161.D

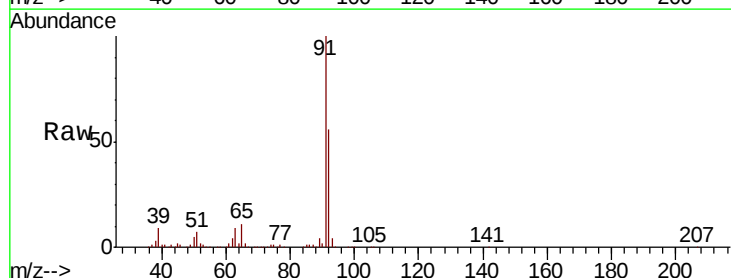
Acq: 15 Oct 2020 22:19

Tgt Ion: 92 Resp: 560556

Ion Ratio Lower Upper

92 100

91 177.0 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

500000

400000

300000

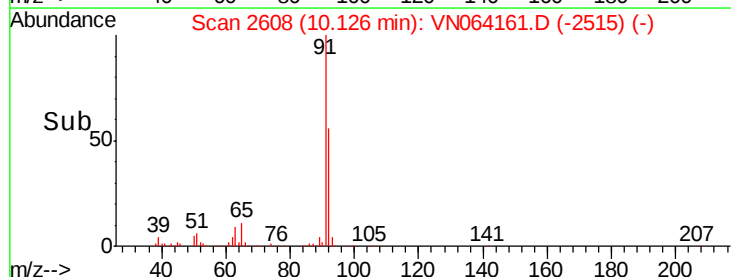
200000

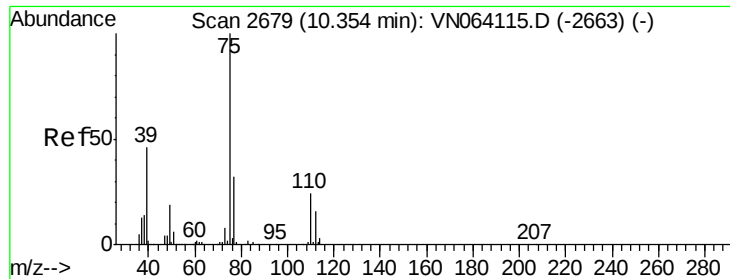
100000

0

10.13

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.794 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

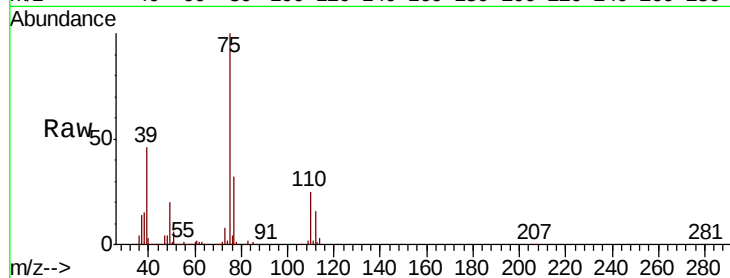
VSTDCCC050EC

Tot Ion: 75 Resp: 342578

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

200000

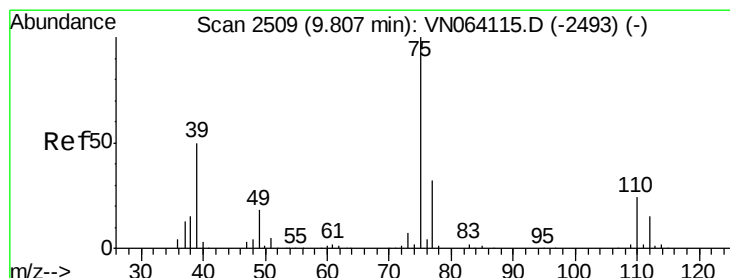
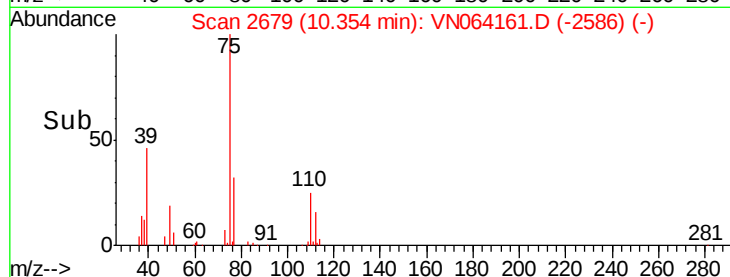
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.245 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

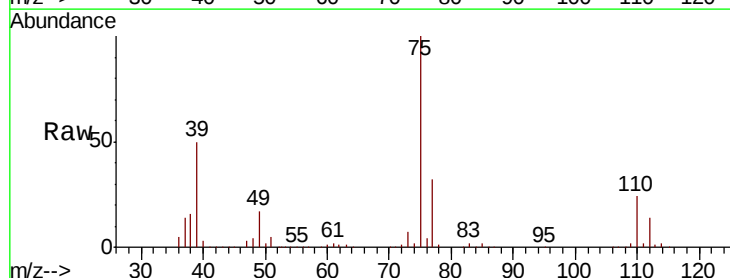
Tgt Ion: 75 Resp: 365373

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 49.4 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

250000

200000

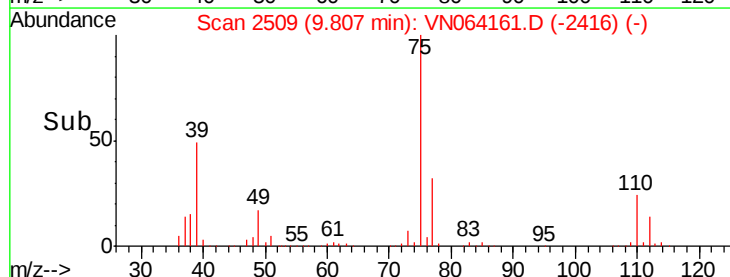
150000

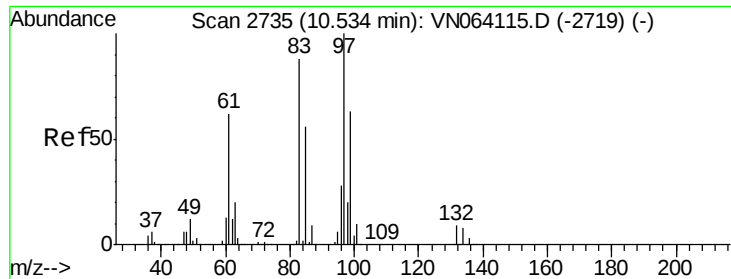
100000

50000

0

Time-->

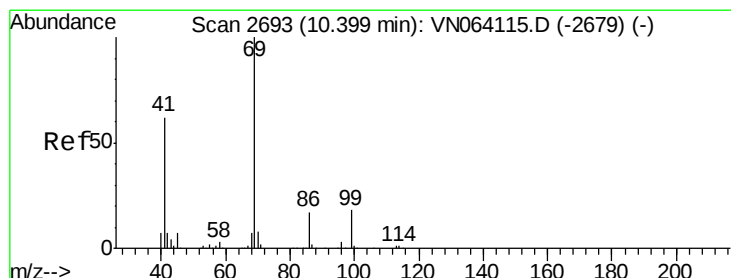
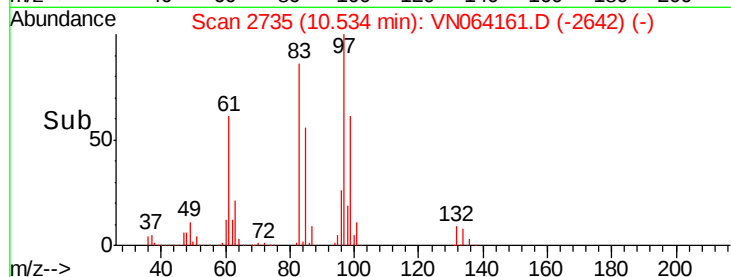
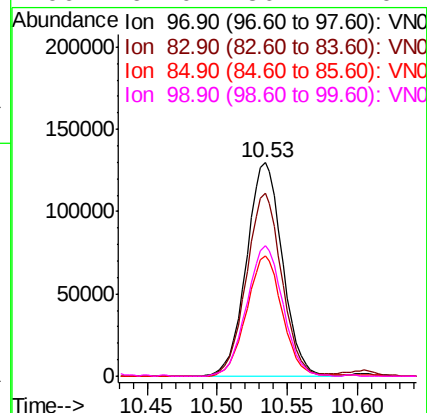
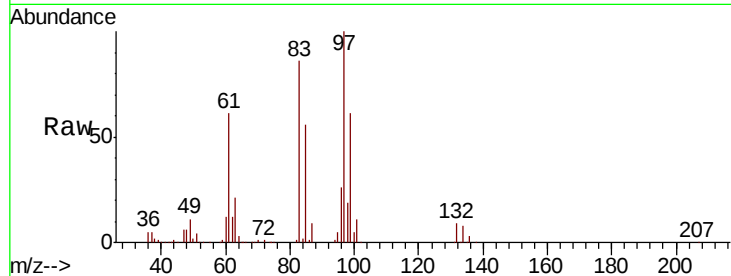




#55
 1,1,2-Trichloroethane
 Concen: 52.394 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

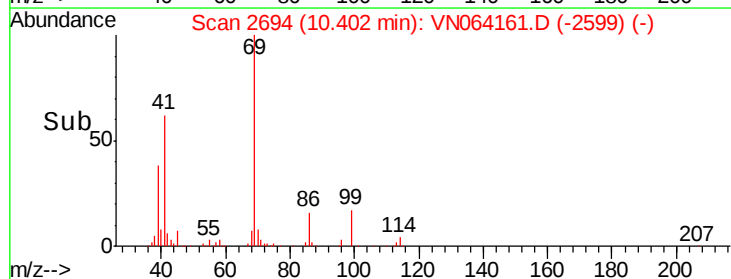
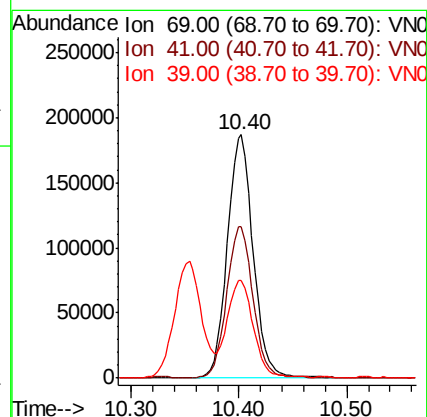
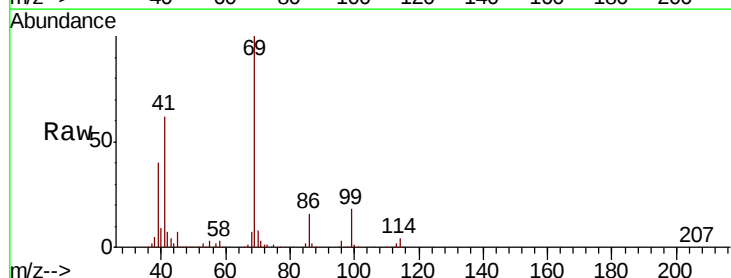
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

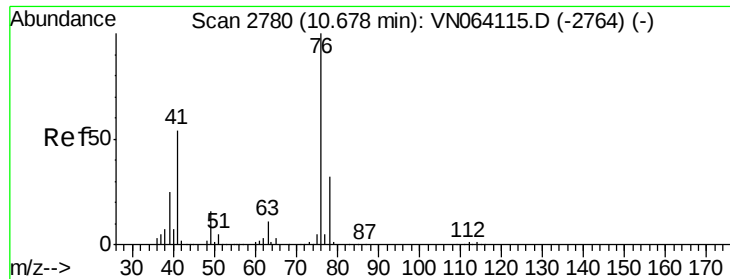
Tot Ion: 97 Resp: 231929
 Ion Ratio Lower Upper
 97 100
 83 85.7 70.2 105.4
 85 56.4 45.0 67.6
 99 61.0 50.7 76.1



#56
 Ethyl methacrylate
 Concen: 48.596 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion: 69 Resp: 311257
 Ion Ratio Lower Upper
 69 100
 41 62.8 49.3 73.9
 39 41.0 32.7 49.1





#57

1,3-Dichloropropane

Concen: 51.946 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

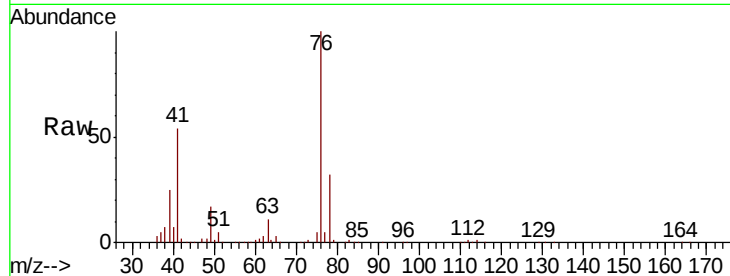
VSTDCCC050EC

Tot Ion: 76 Resp: 378686

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064161.D (-2687) (-)

Ion 77.90 (77.60 to 78.60): VN064161.D (-2687) (-)

10.68

250000

200000

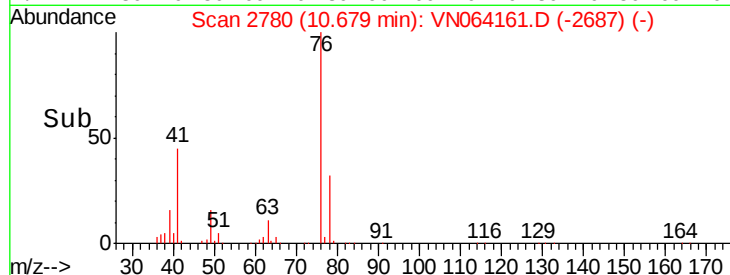
150000

100000

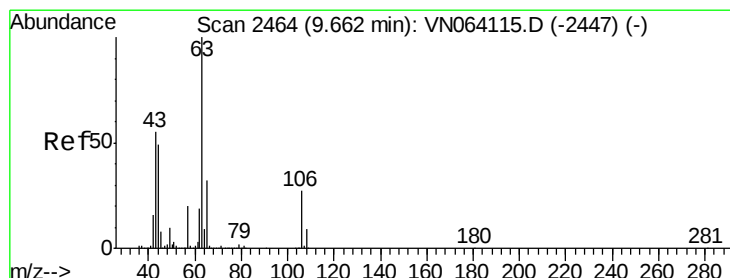
50000

0

Time-->



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.550 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064161.D

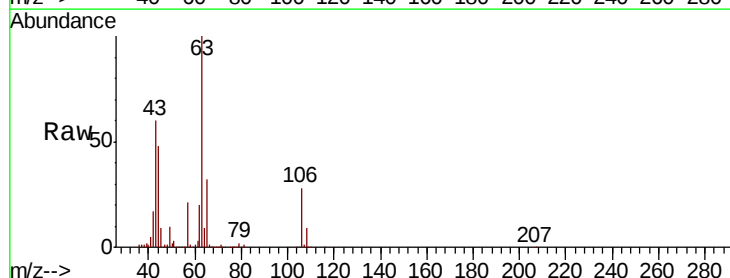
Acq: 15 Oct 2020 22:19

Tgt Ion: 63 Resp: 793359

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN064161.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN064161.D (-2371) (-)

9.66

500000

400000

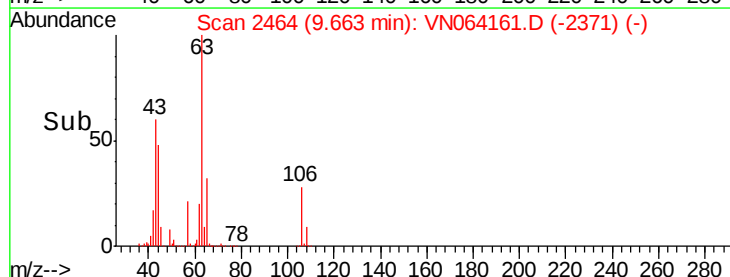
300000

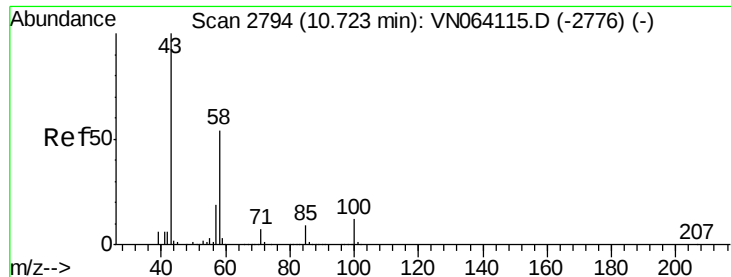
200000

100000

0

Time-->

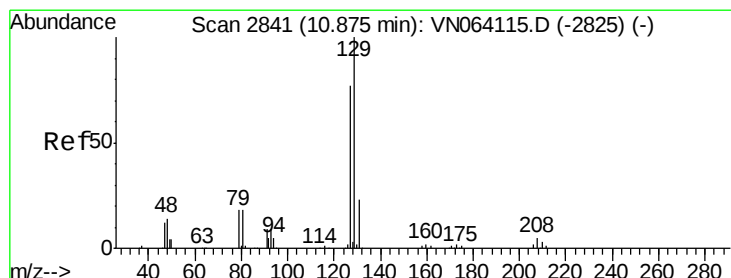
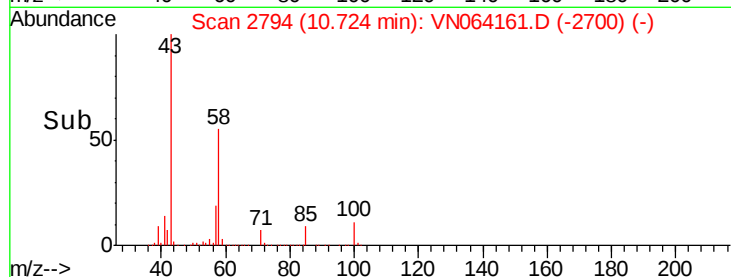
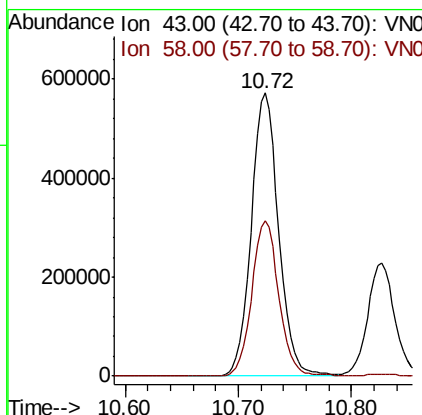
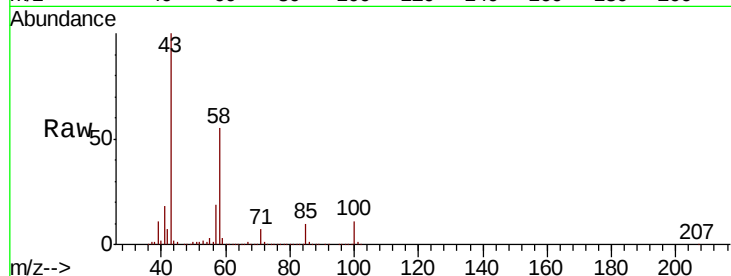




#59
2-Hexanone
Concen: 247.739 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

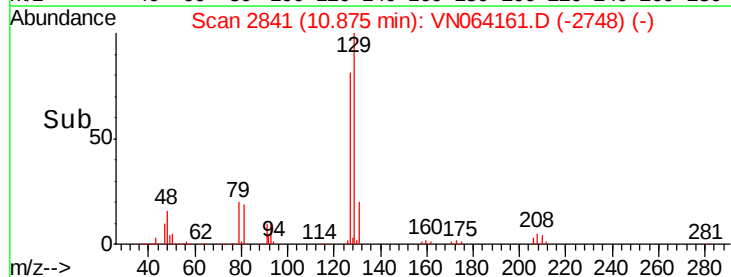
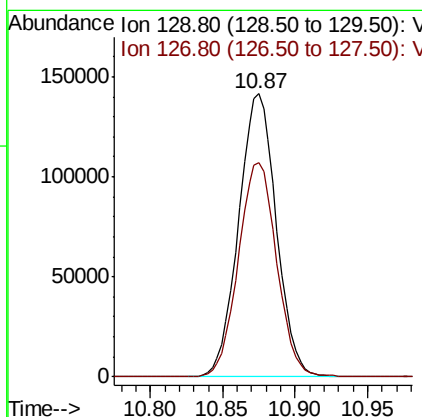
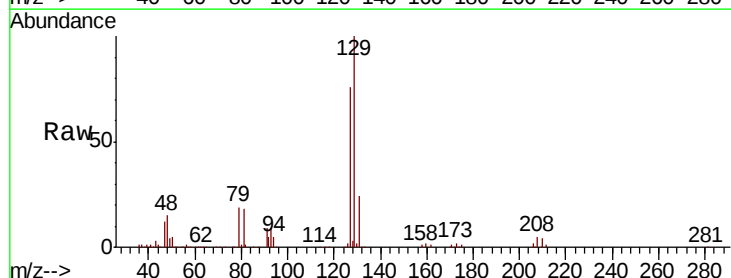
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

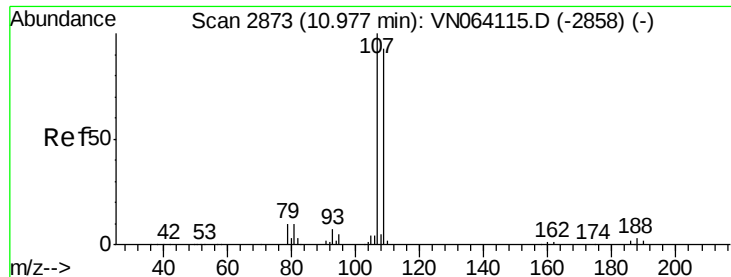
Tot Ion: 43 Resp: 958025
Ion Ratio Lower Upper
43 100
58 54.6 27.2 81.6



#60
Dibromochloromethane
Concen: 51.569 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 129 Resp: 256424
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6

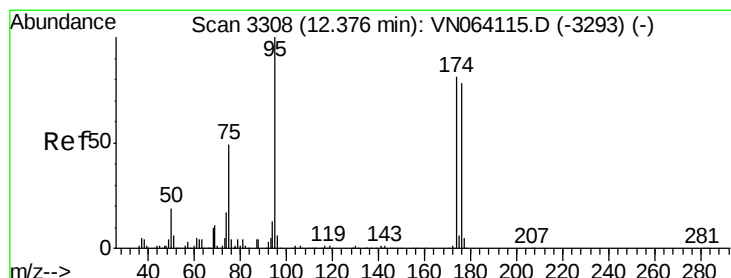
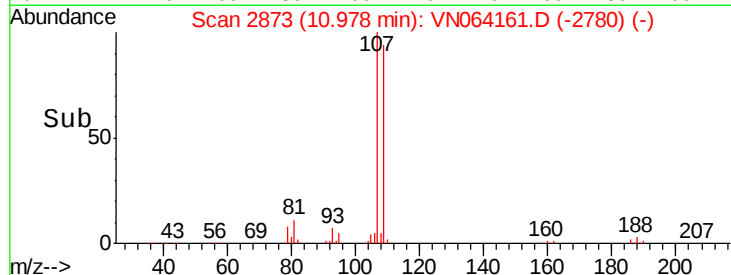
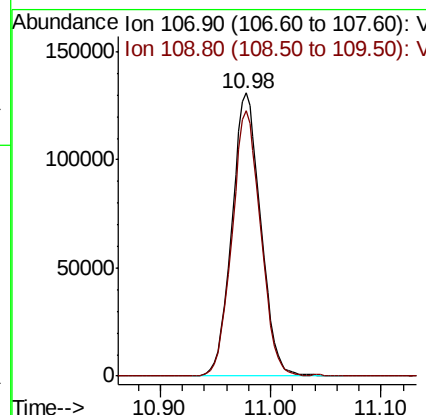
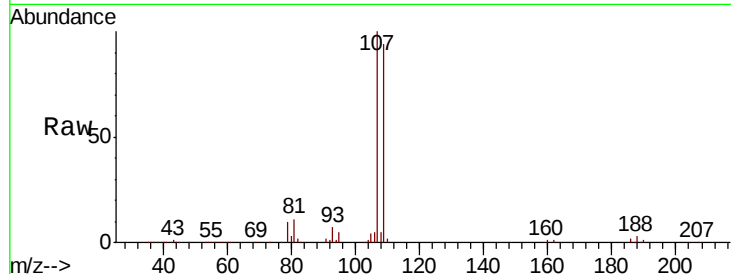




#61
 1,2-Dibromoethane
 Concen: 52.574 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

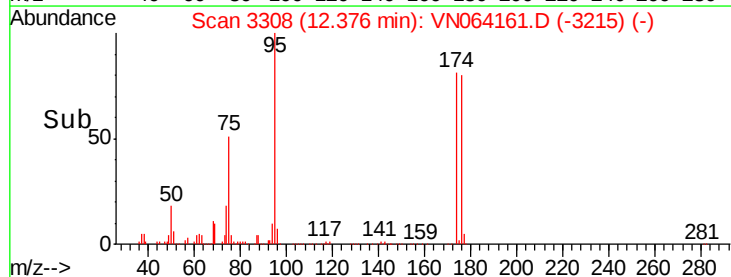
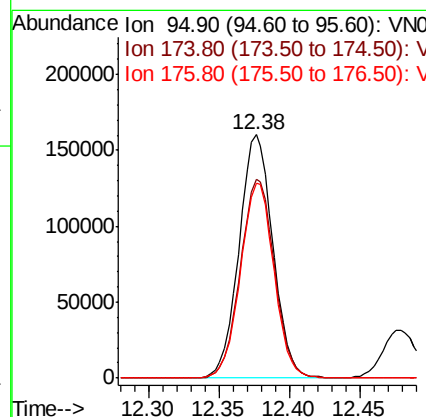
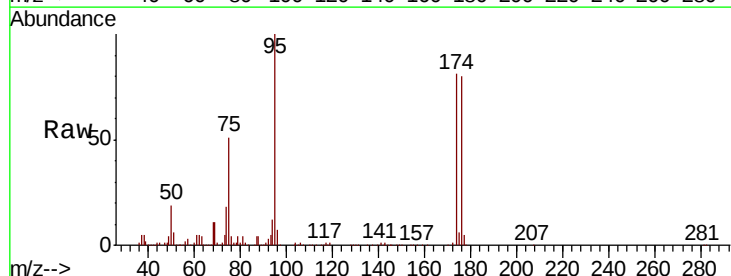
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

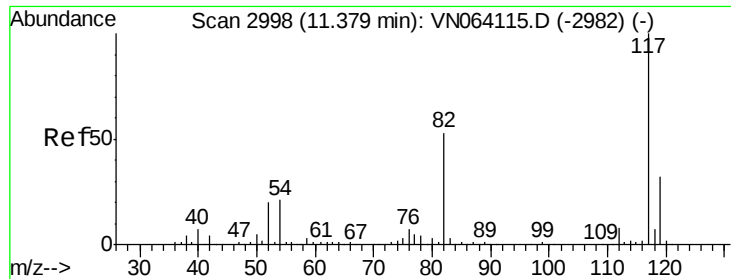
Tot Ion:107 Resp: 236879
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 50.376 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion: 95 Resp: 269417
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 164.8
 176 79.6 0.0 157.8

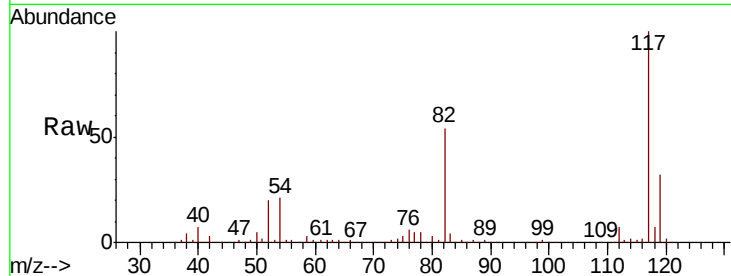




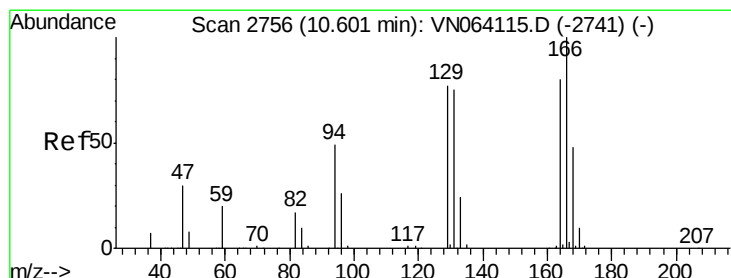
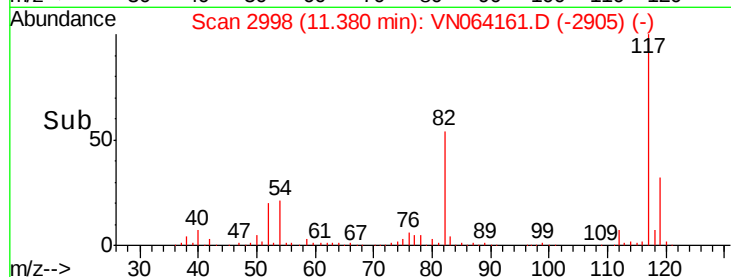
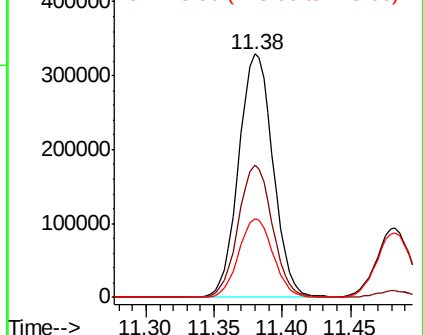
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 577667
Ion Ratio Lower Upper
117 100
82 54.1 42.6 63.8
119 32.4 25.5 38.3

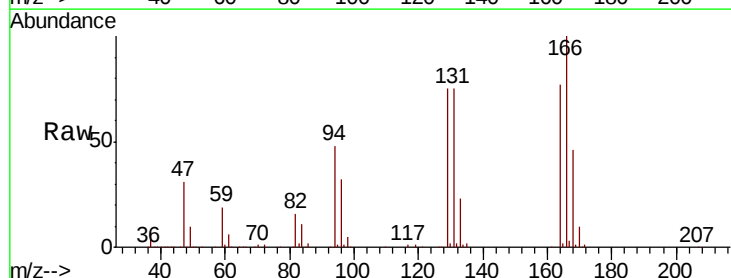


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

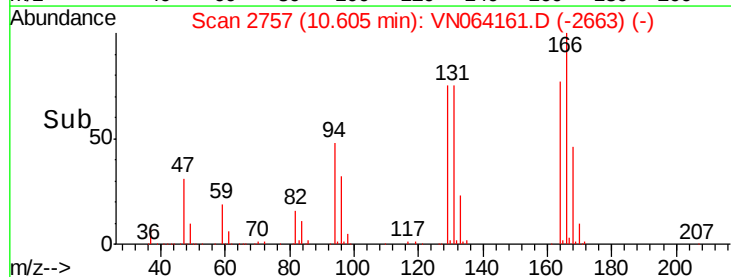
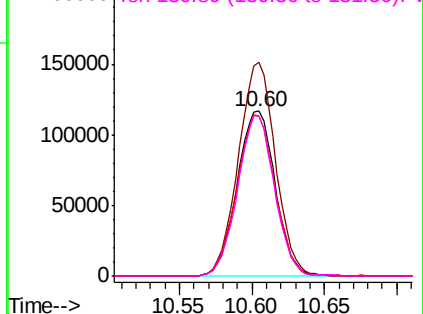


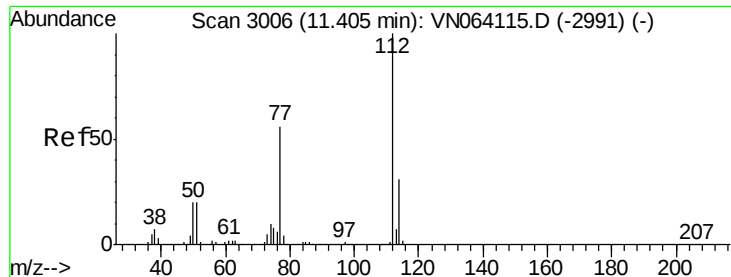
#64
Tetrachloroethene
Concen: 48.942 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion:164 Resp: 213153
Ion Ratio Lower Upper
164 100
166 129.6 99.7 149.5
129 97.1 77.0 115.4
131 97.0 74.6 111.8



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

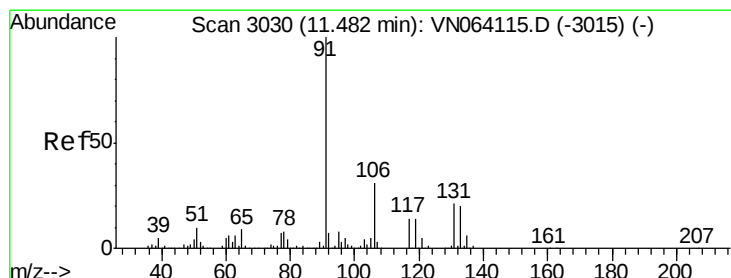
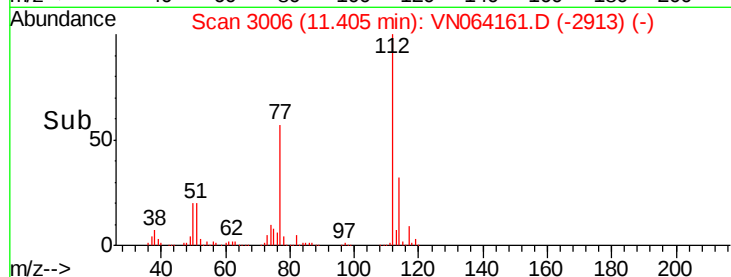
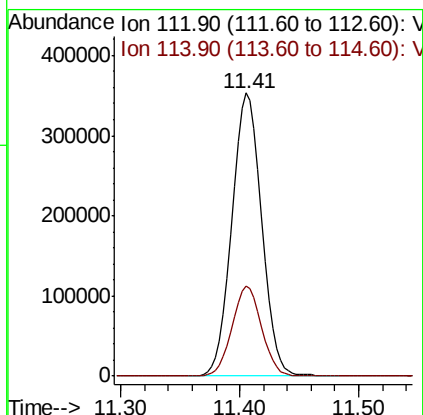
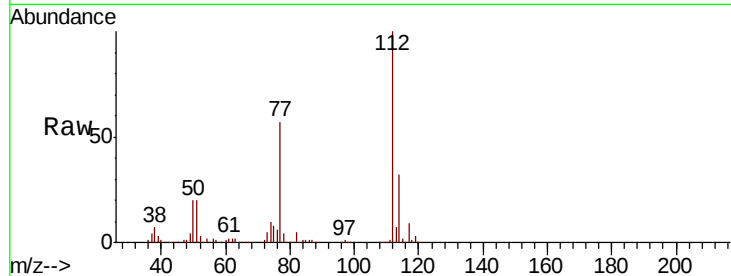




#65
Chlorobenzene
Concen: 50.376 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

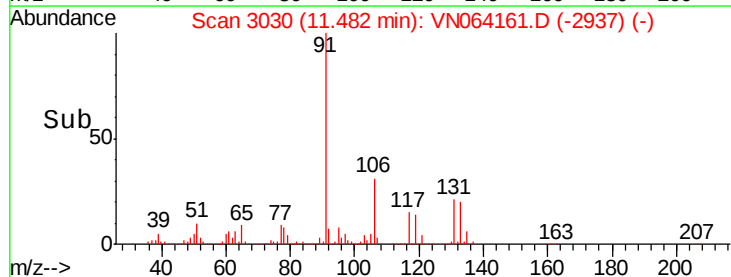
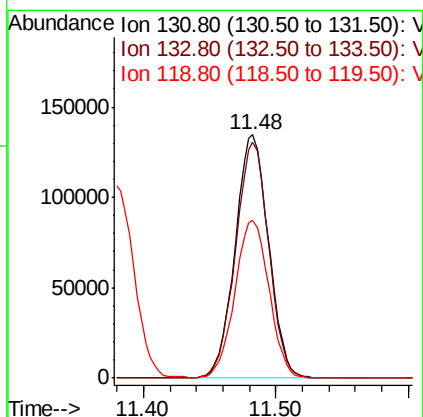
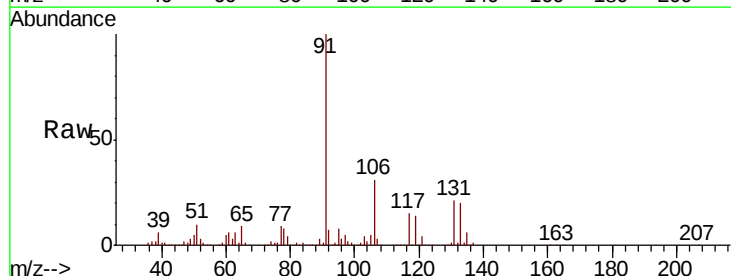
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

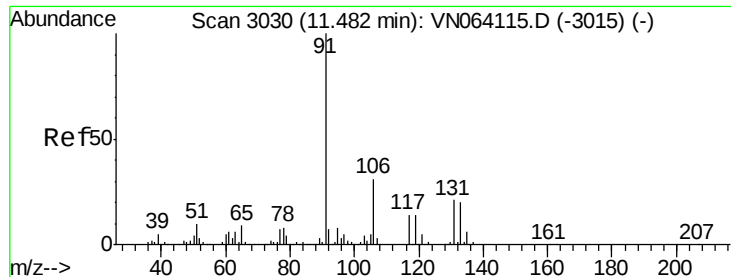
Tot Ion:112 Resp: 612817
Ion Ratio Lower Upper
112 100
114 31.7 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.091 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion:131 Resp: 235965
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.9
119 65.8 32.8 98.4

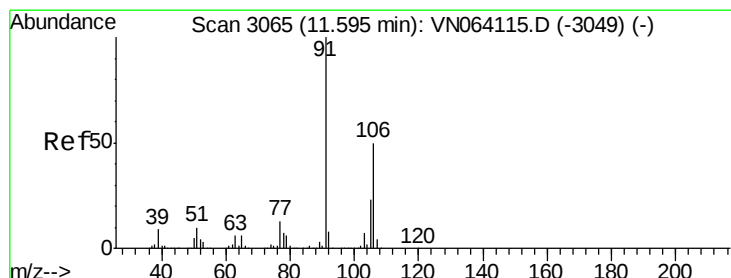
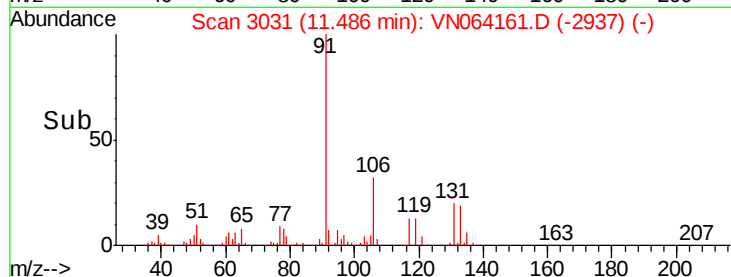
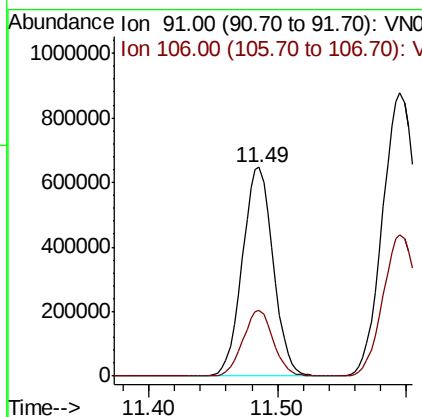
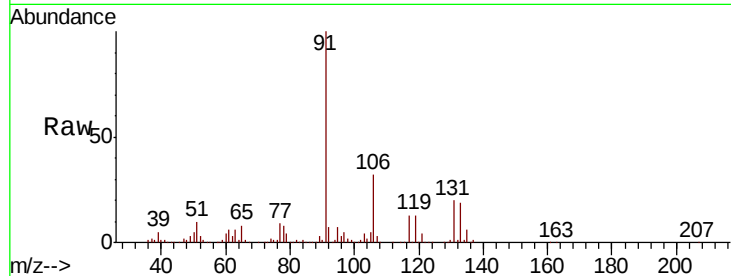




#67
Ethyl Benzene
Concen: 52.930 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

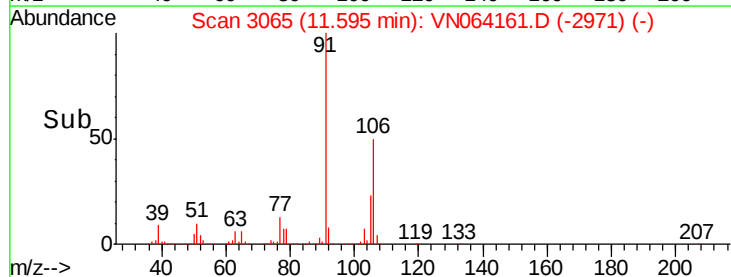
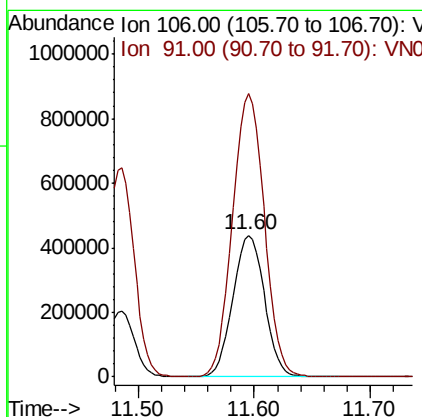
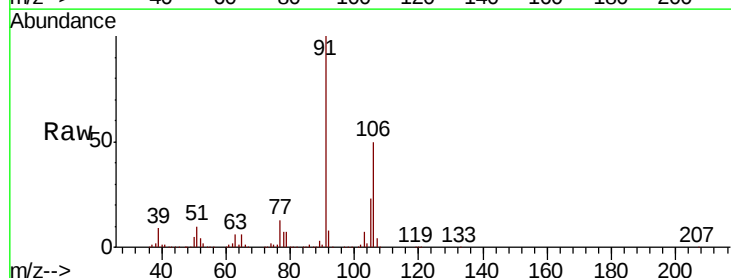
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

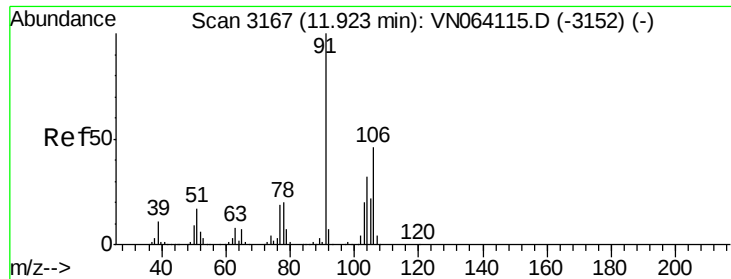
Tot Ion: 91 Resp: 1078602
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1



#68
m/p-Xylenes
Concen: 98.403 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 106 Resp: 826350
Ion Ratio Lower Upper
106 100
91 201.6 162.1 243.1

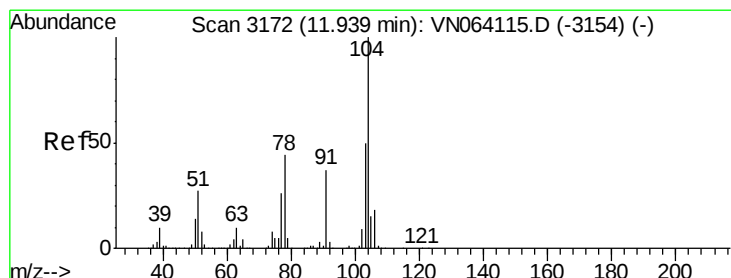
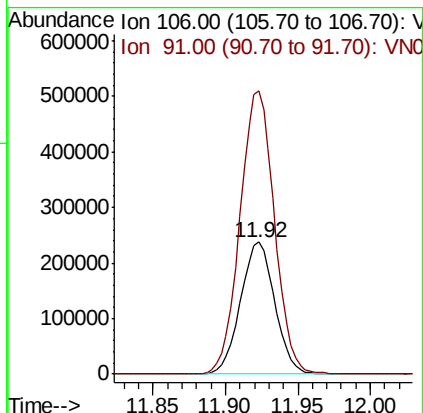
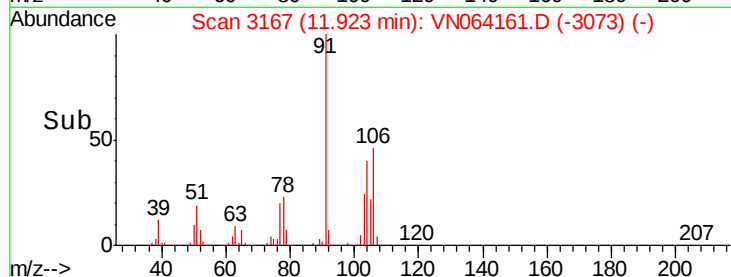
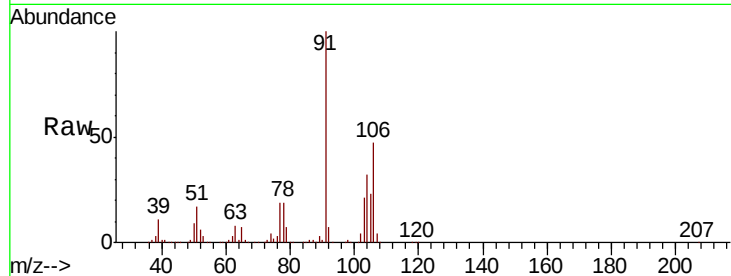




#69
o-Xylene
Concen: 48.497 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

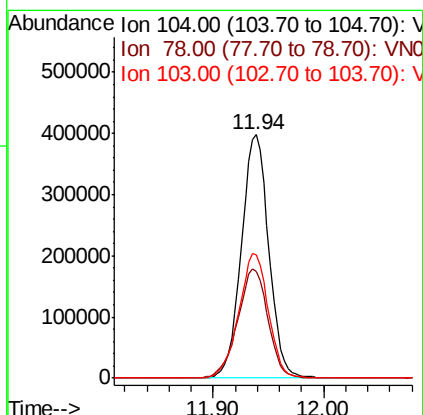
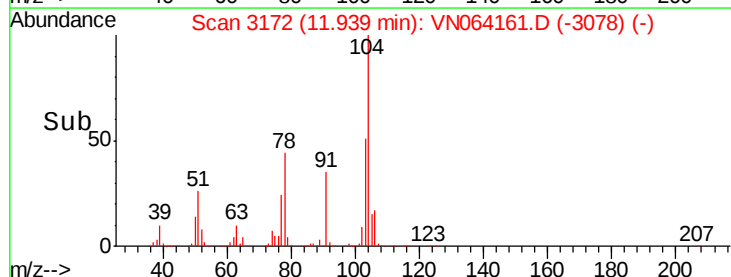
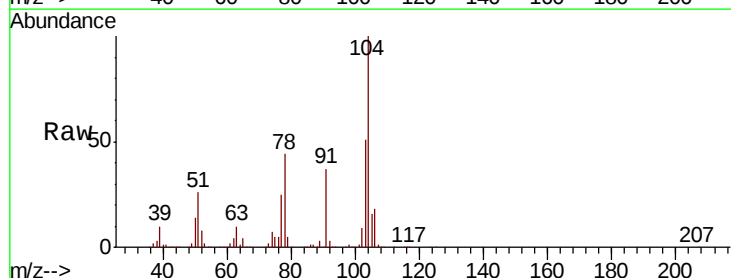
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

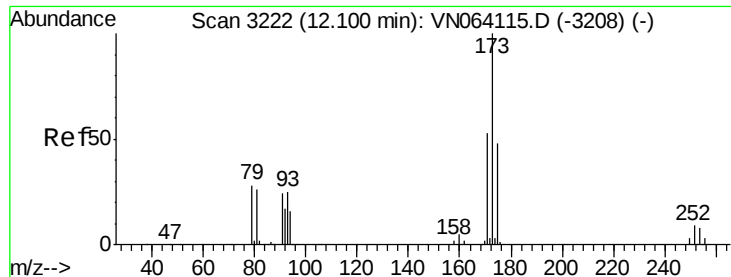
Tot Ion:106 Resp: 389448
Ion Ratio Lower Upper
106 100
91 215.7 107.6 322.8



#70
Styrene
Concen: 49.456 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion:104 Resp: 685199
Ion Ratio Lower Upper
104 100
78 49.4 39.7 59.5
103 55.1 44.2 66.2





#71

Bromoform

Concen: 47.849 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

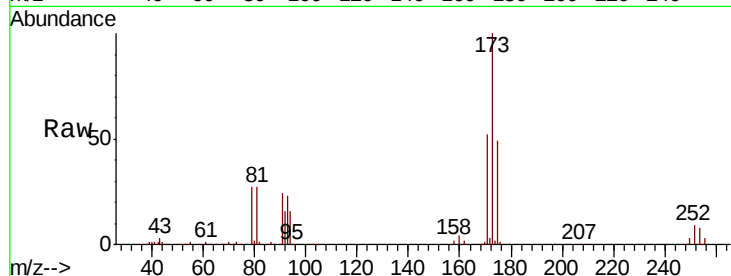
Tot Ion:173 Resp: 182694

Ion Ratio Lower Upper

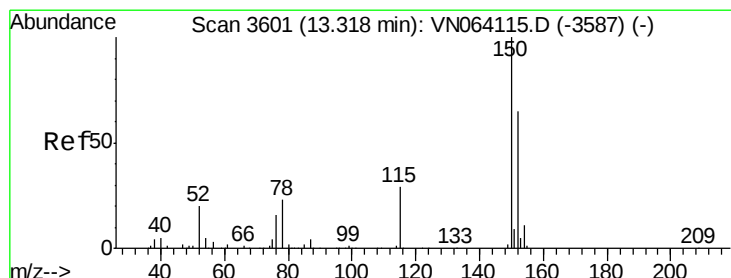
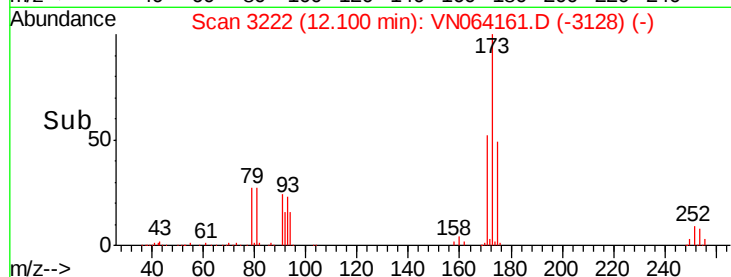
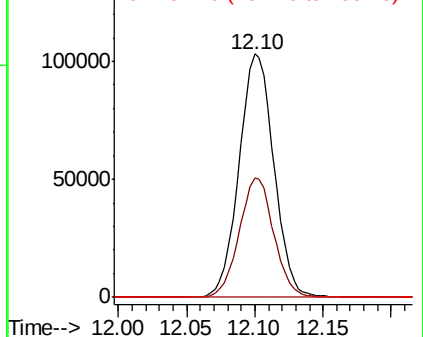
173 100

175 48.6 23.4 70.2

254 0.1 0.1 0.1



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# 3601

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

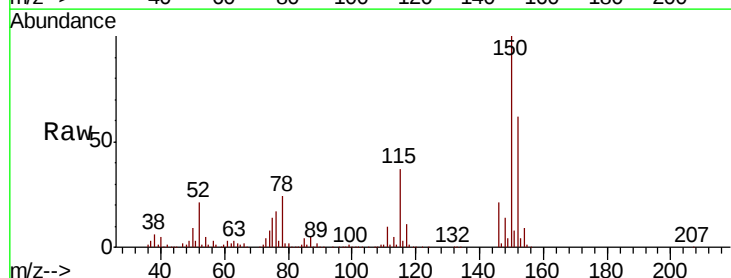
Tgt Ion:152 Resp: 287586

Ion Ratio Lower Upper

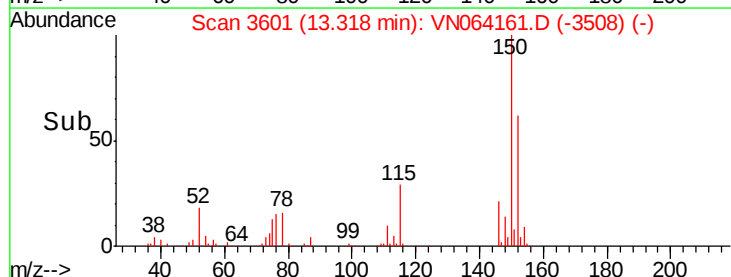
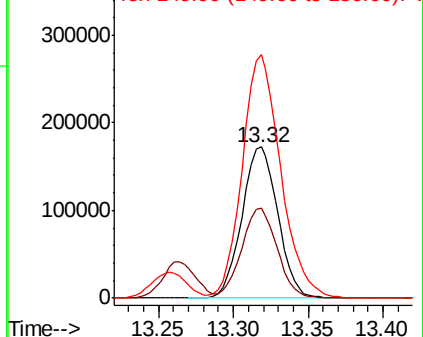
152 100

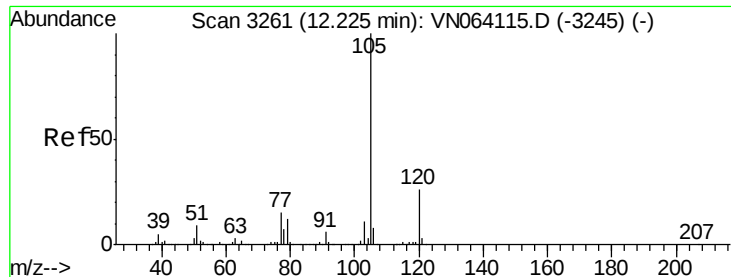
115 58.8 29.3 87.8

150 172.3 0.0 346.0



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: 48.919 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

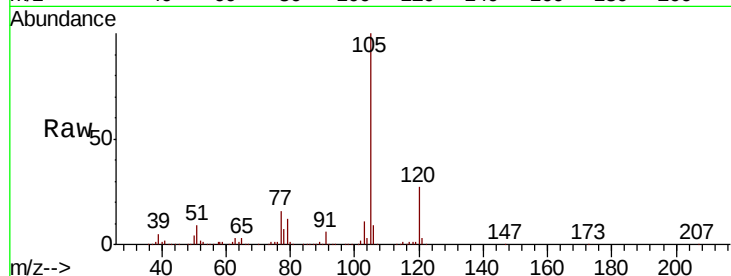
VSTDCCC050EC

Tot Ion:105 Resp: 1019055

Ion Ratio Lower Upper

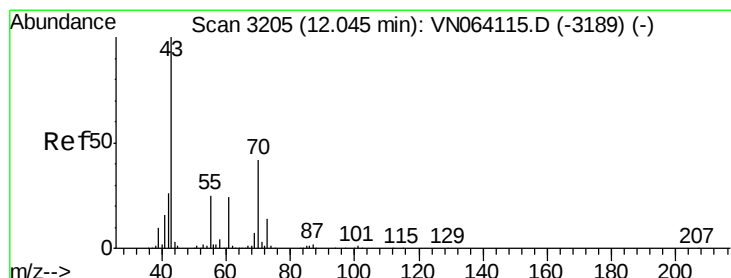
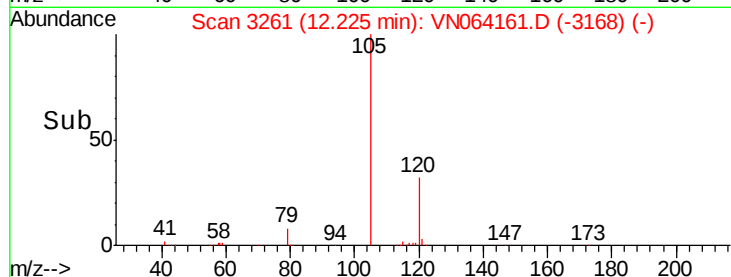
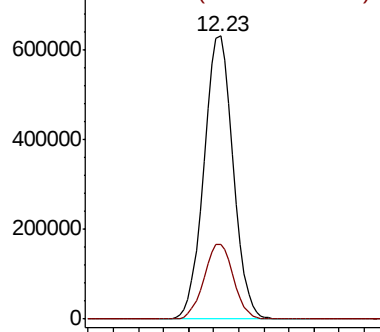
105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.861 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Tgt Ion: 43 Resp: 388975

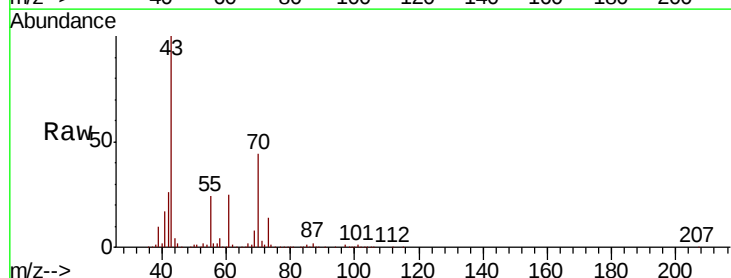
Ion Ratio Lower Upper

43 100

70 43.1 33.2 49.8

55 25.0 19.9 29.9

61 24.2 18.8 28.2

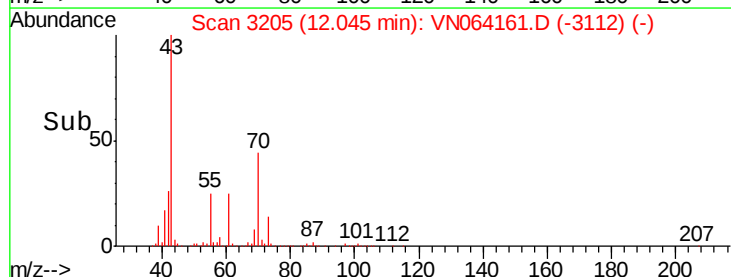
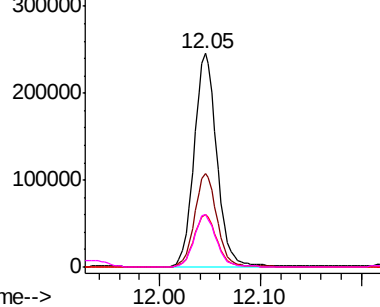


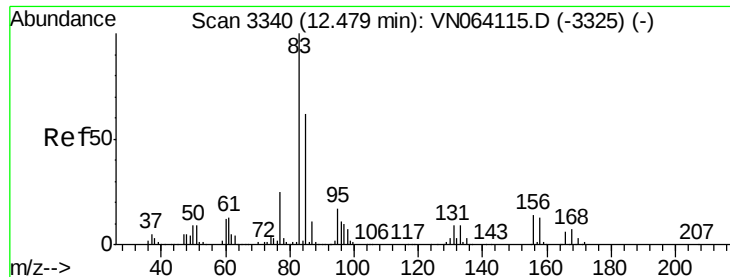
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.612 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

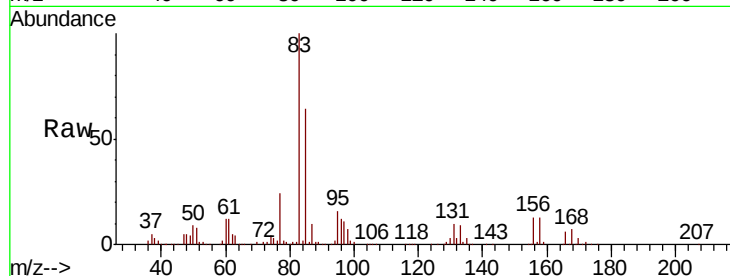
Tot Ion: 83 Resp: 327136

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	15.0
85	64.1	31.9	95.9

83 100

131 10.4 5.0 15.0

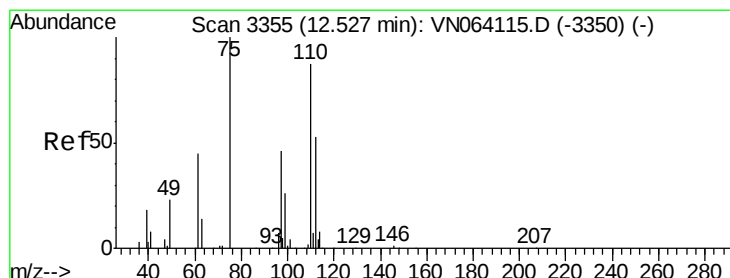
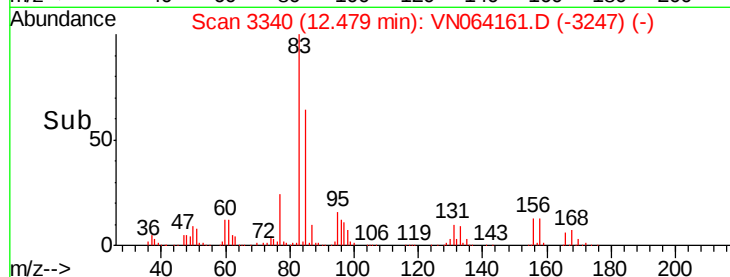
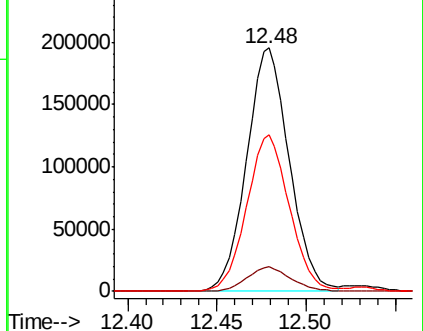
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 62.164 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064161.D

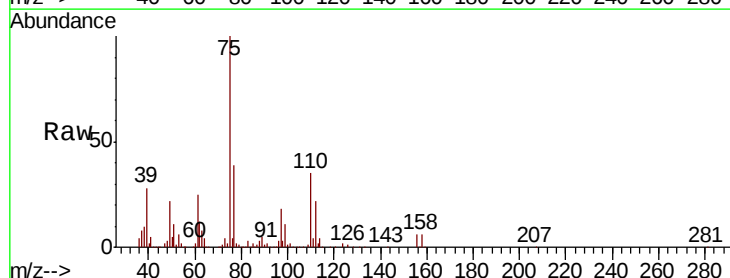
Acq: 15 Oct 2020 22:19

Tgt Ion: 75 Resp: 419415

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

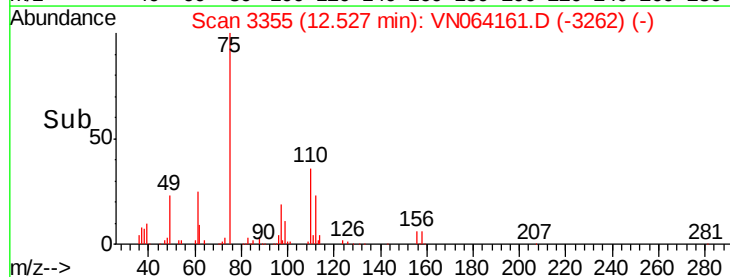
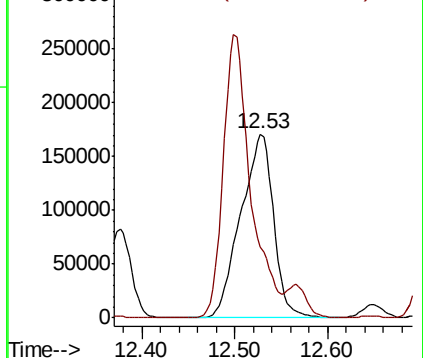
75 100

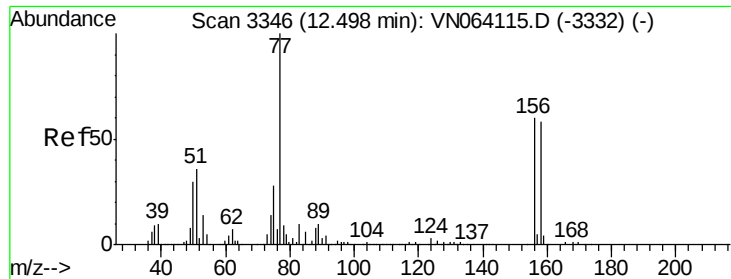
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 47.868 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

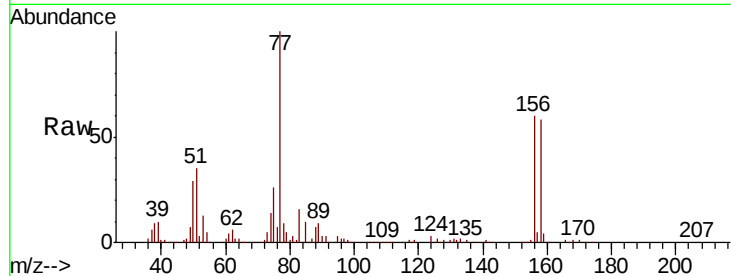
Tot Ion:156 Resp: 270707

Ion Ratio Lower Upper

156 100

77 198.9 99.3 297.9

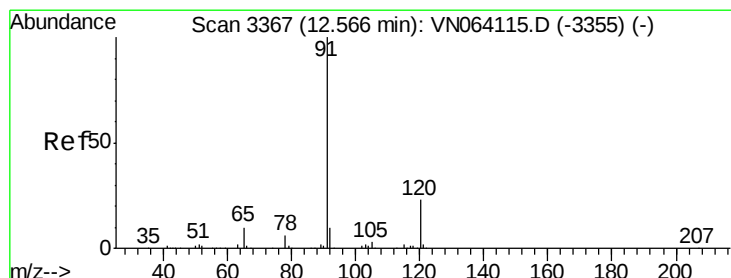
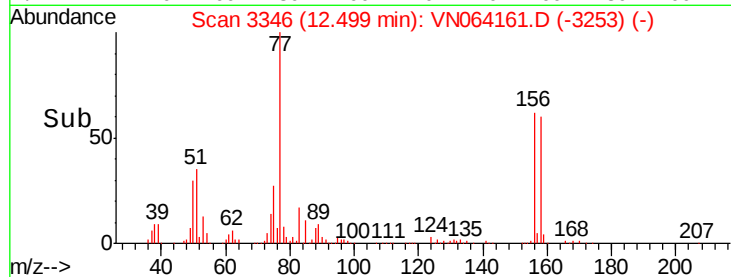
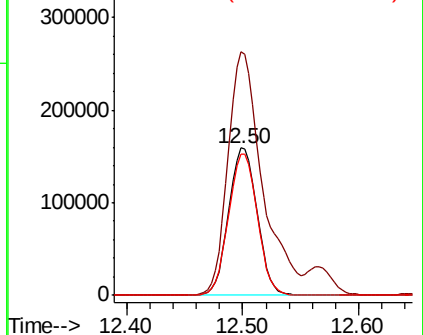
158 96.9 48.6 145.9



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: 50.376 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064161.D

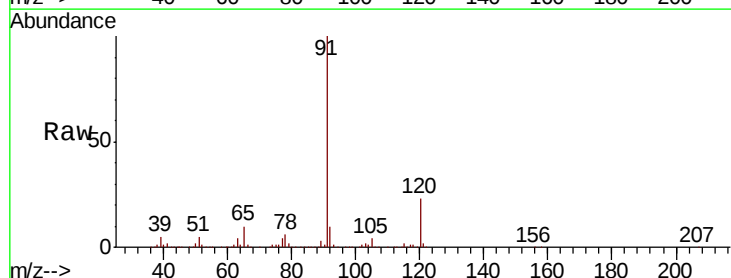
Acq: 15 Oct 2020 22:19

Tgt Ion: 91 Resp: 1171258

Ion Ratio Lower Upper

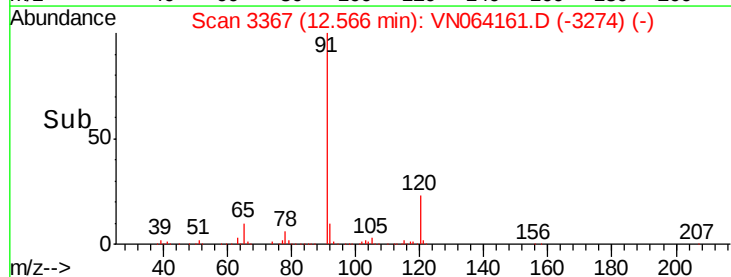
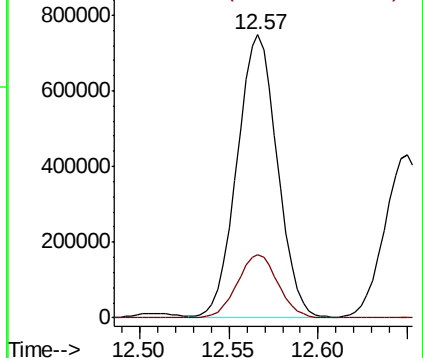
91 100

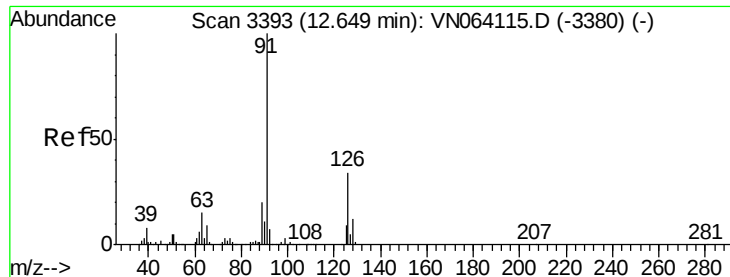
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

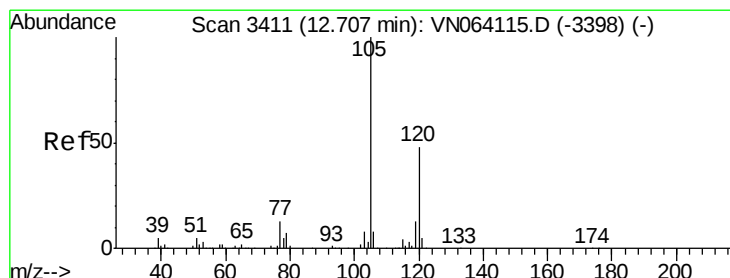
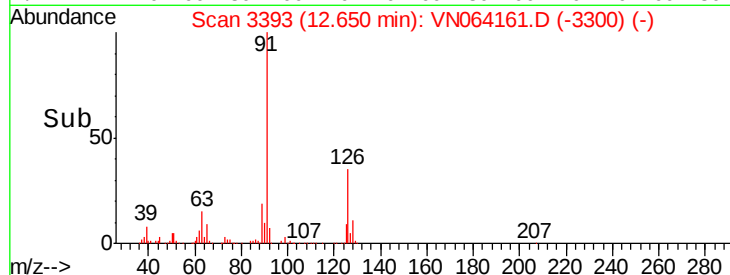
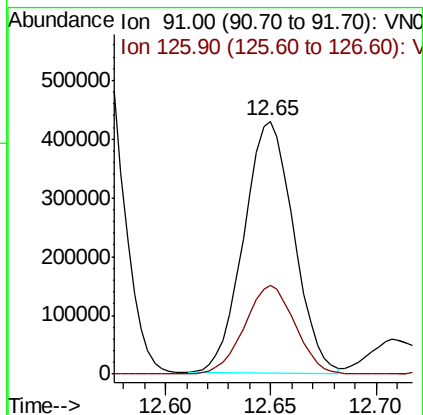
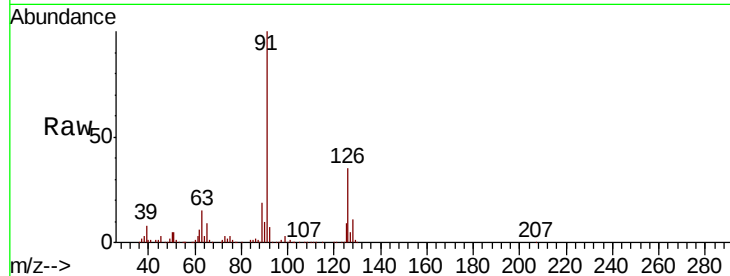




#79
 2-Chlorotoluene
 Concen: 47.730 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

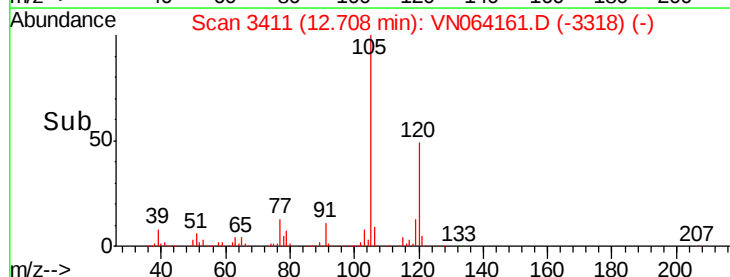
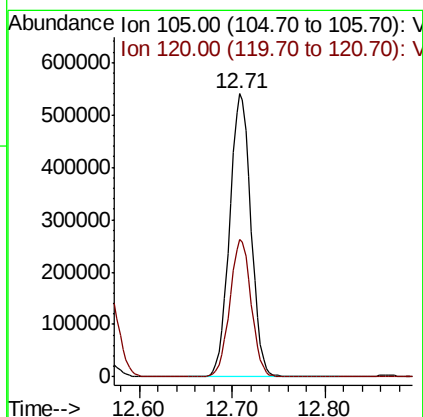
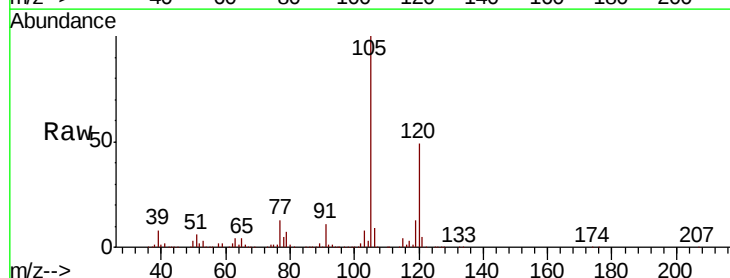
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

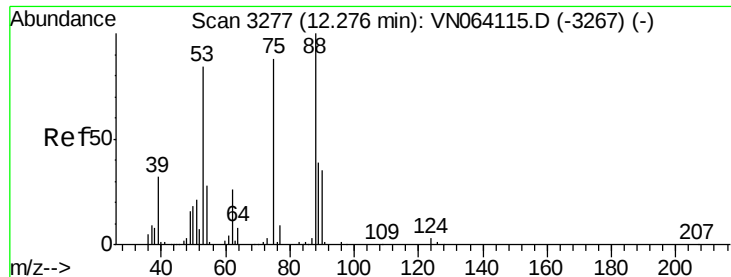
Tot Ion: 91 Resp: 705794
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.369 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion: 105 Resp: 858907
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.395 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

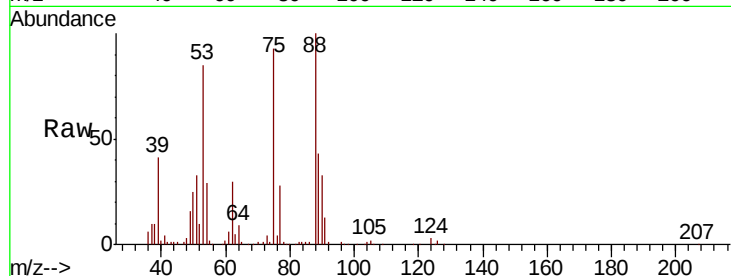
Tot Ion: 75 Resp: 102458

Ion Ratio Lower Upper

75 100

53 94.2 75.7 113.5

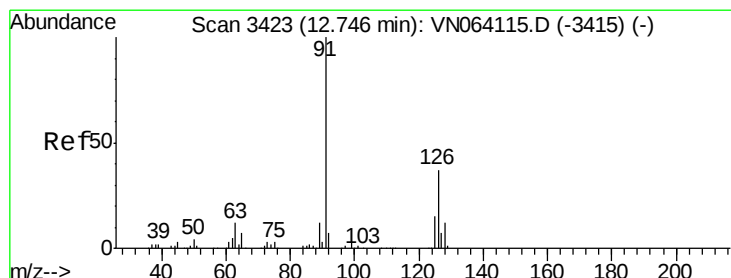
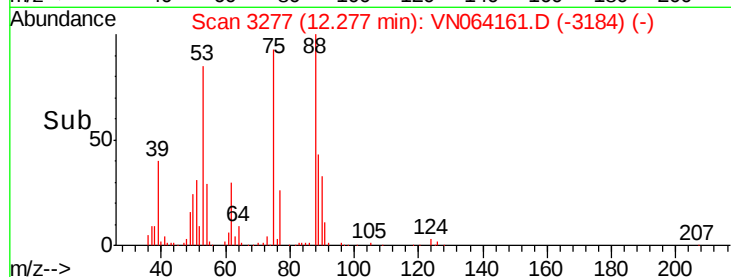
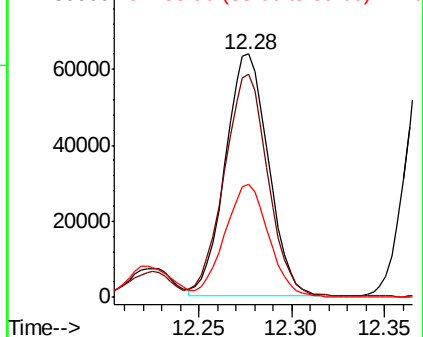
89 47.5 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VN064161.D (-3184) (-)

Ion 53.00 (52.70 to 53.70): VN064161.D (-3184) (-)

Ion 88.90 (88.60 to 89.60): VN064161.D (-3184) (-)



#82

4-Chlorotoluene

Concen: 49.098 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064161.D

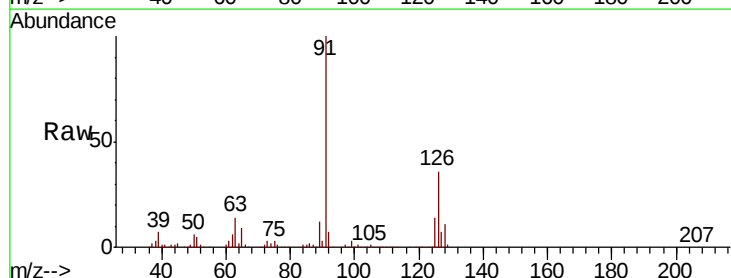
Acq: 15 Oct 2020 22:19

Tgt Ion: 91 Resp: 731739

Ion Ratio Lower Upper

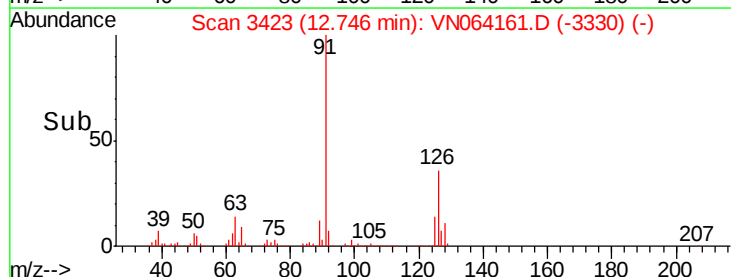
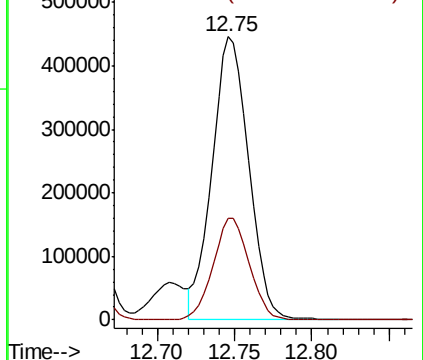
91 100

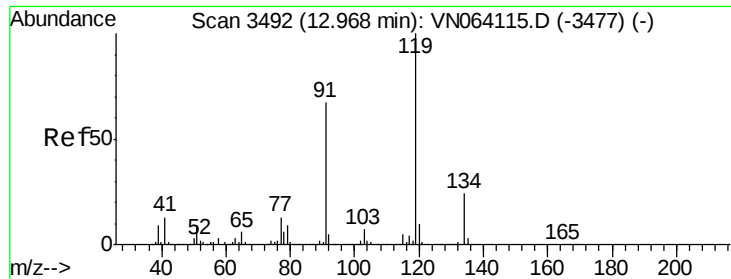
126 35.4 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN064161.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN064161.D (-3330) (-)

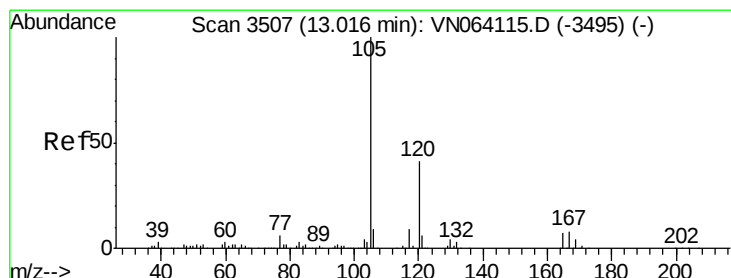
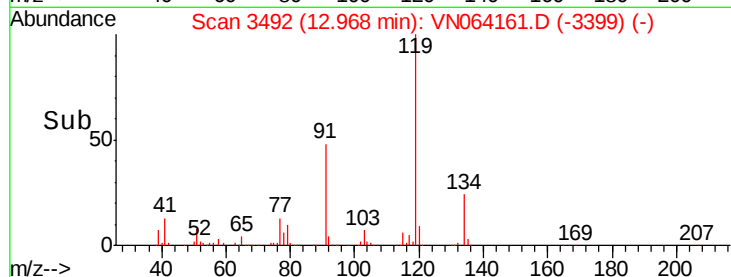
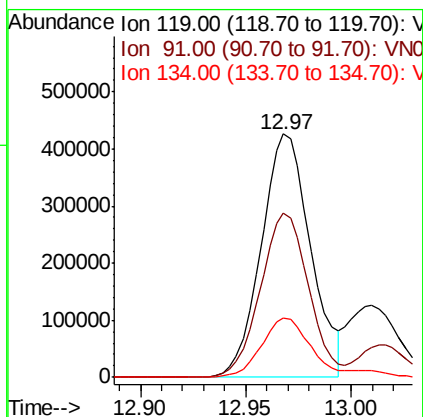
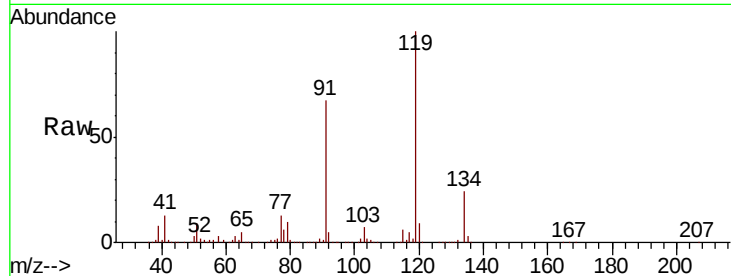




#83
 tert-Butylbenzene
 Concen: 50.249 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

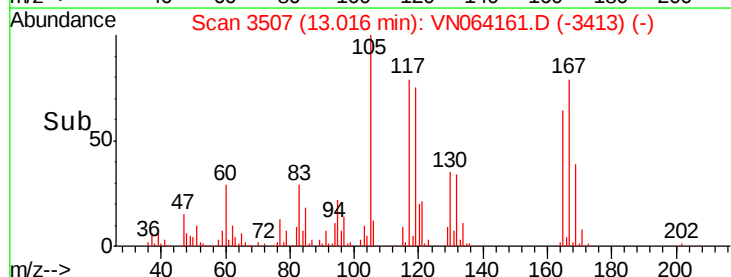
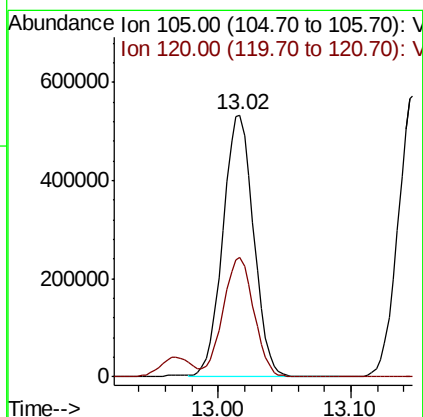
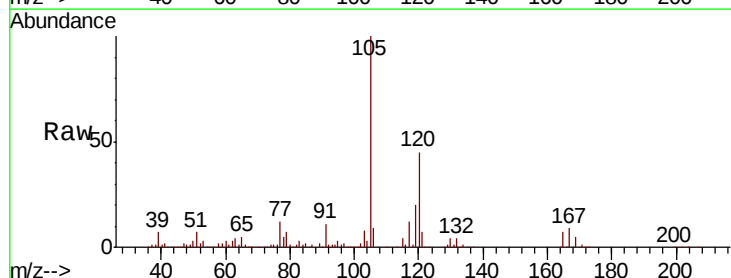
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

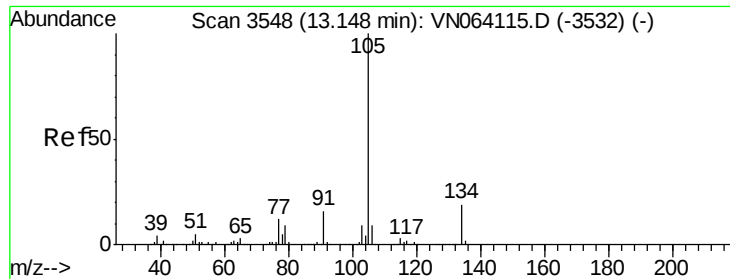
Tot Ion:119 Resp: 694858
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.6 98.0
 134 24.0 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.157 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion:105 Resp: 856632
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.8 68.4

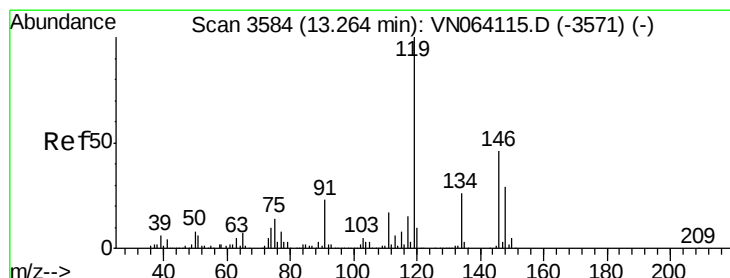
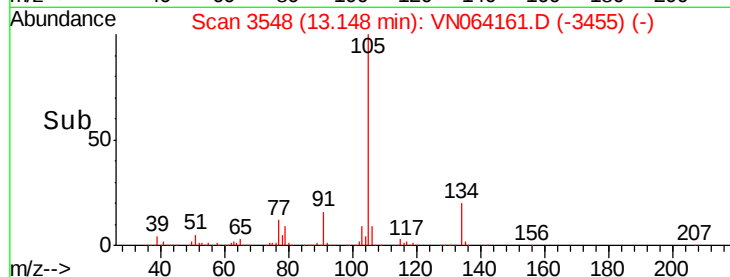
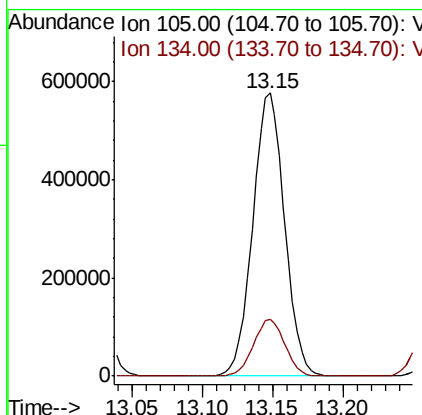
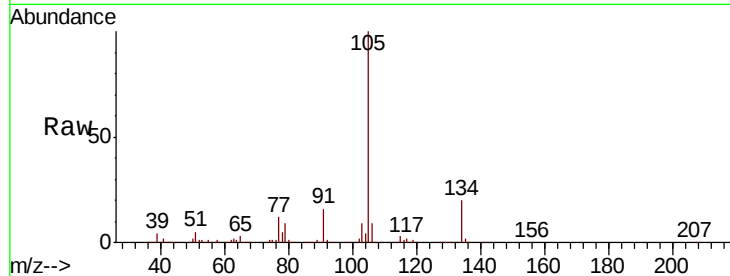




#85
 sec-Butylbenzene
 Concen: 50.915 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

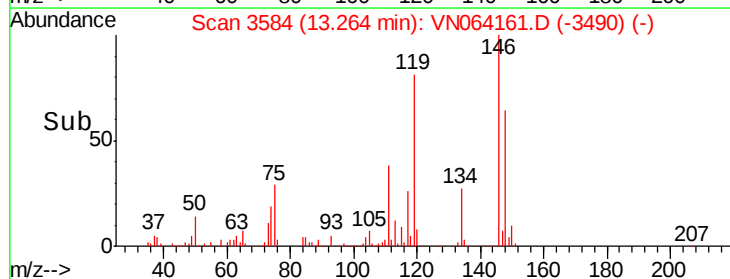
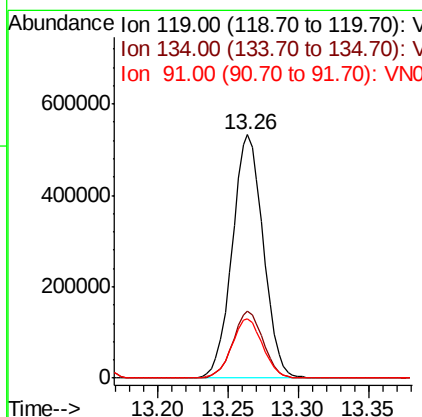
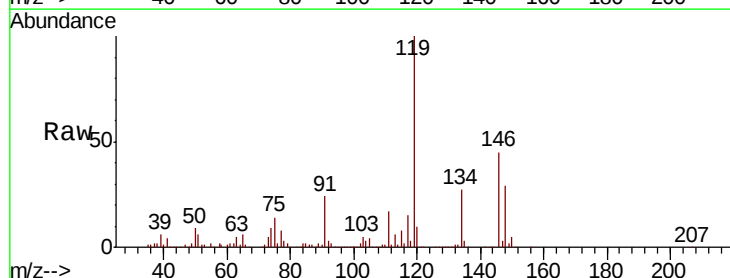
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

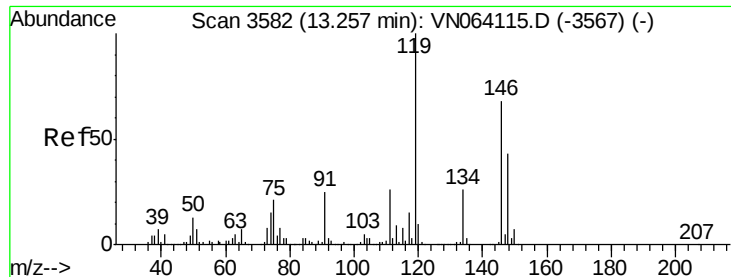
Tot Ion:105 Resp: 905097
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 48.632 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion:119 Resp: 817381
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 24.2 12.0 36.1

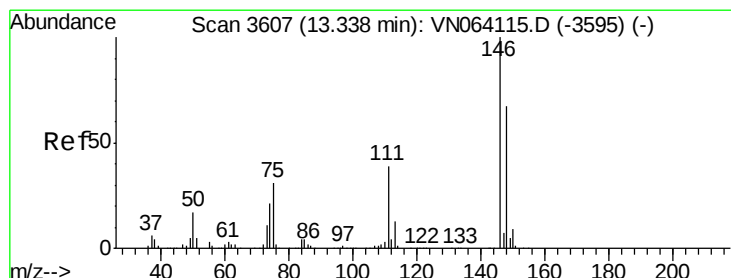
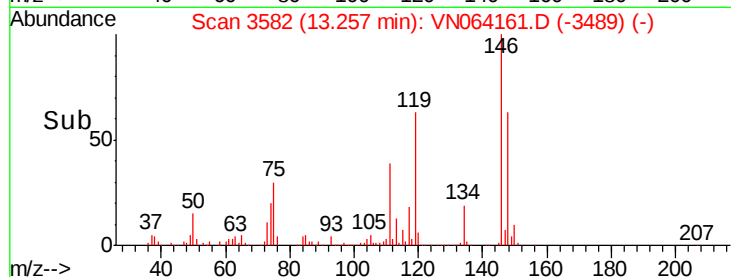
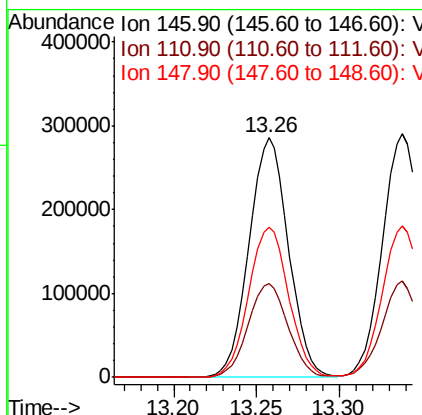
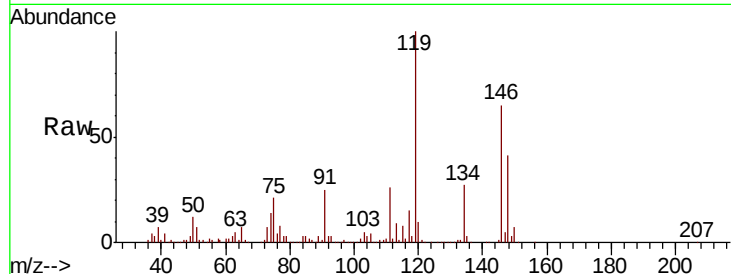




#87
 1,3-Dichlorobenzene
 Concen: 50.166 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

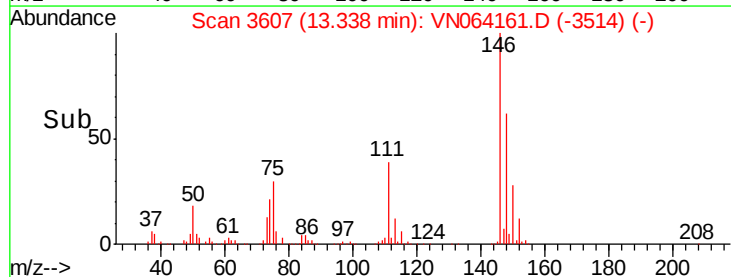
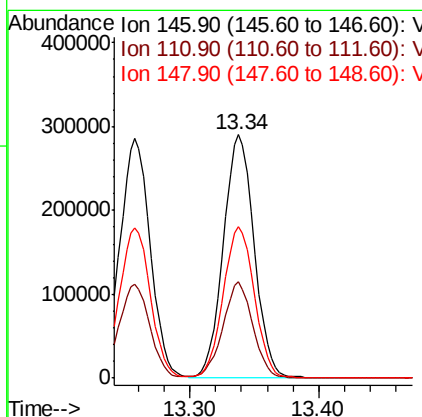
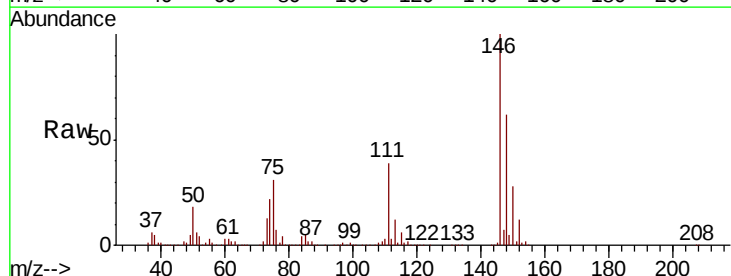
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

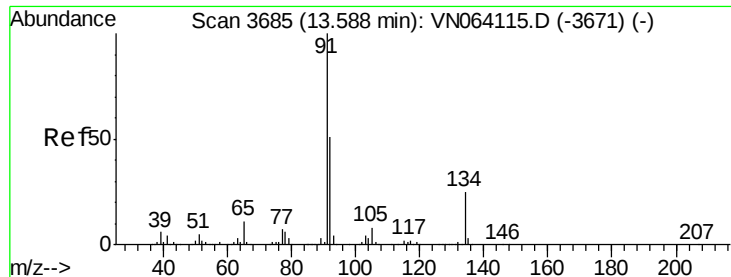
Tot Ion:146 Resp: 472700
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.7 59.1
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.612 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion:146 Resp: 478140
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.9
 148 62.9 32.1 96.5

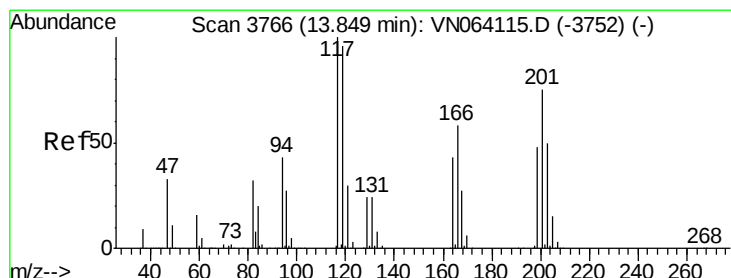
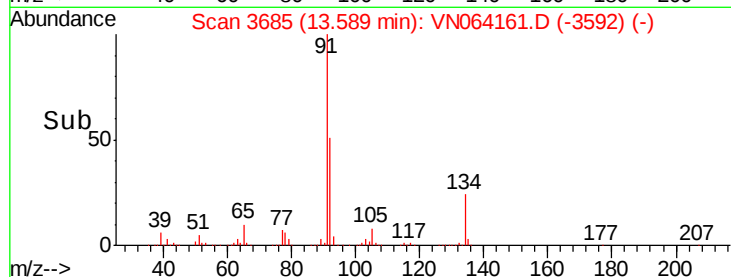
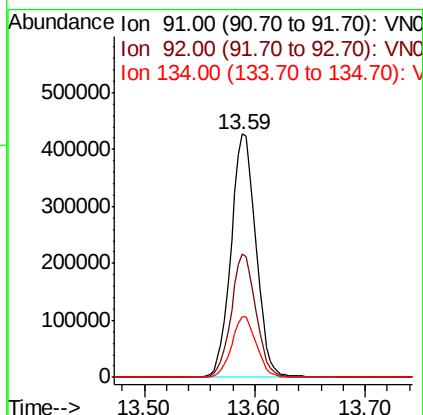
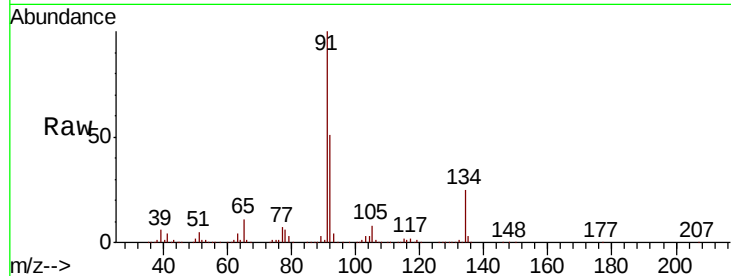




#89
n-Butylbenzene
Concen: 51.871 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

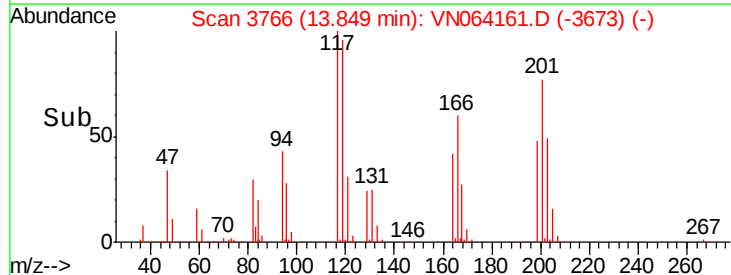
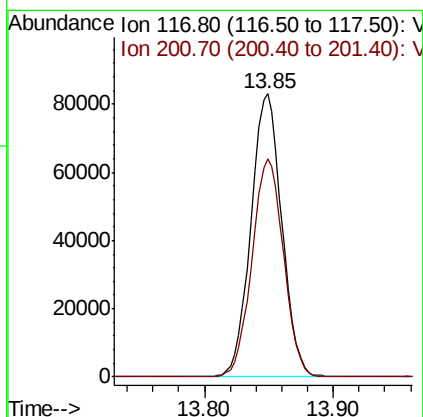
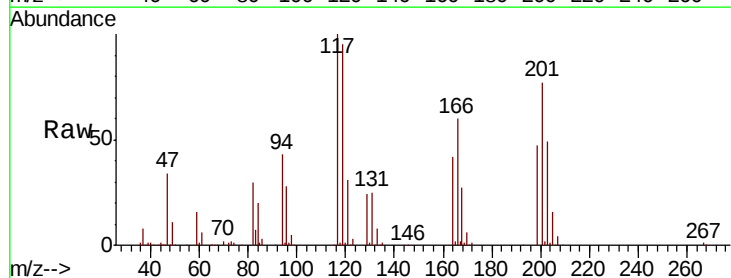
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VSTDCCC050EC

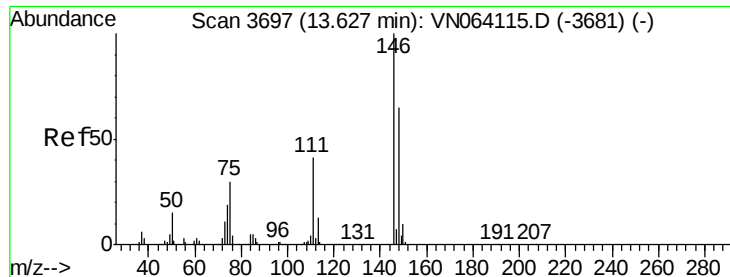
Tot Ion: 91 Resp: 671911
Ion Ratio Lower Upper
91 100
92 50.2 25.6 76.6
134 24.7 12.6 37.8



#90
Hexachloroethane
Concen: 46.936 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064161.D
Acq: 15 Oct 2020 22:19

Tgt Ion: 117 Resp: 138858
Ion Ratio Lower Upper
117 100
201 78.3 37.4 112.2

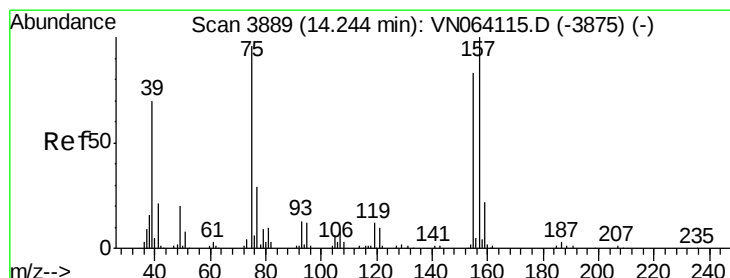
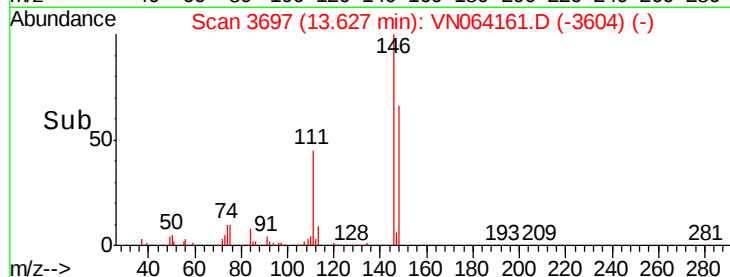
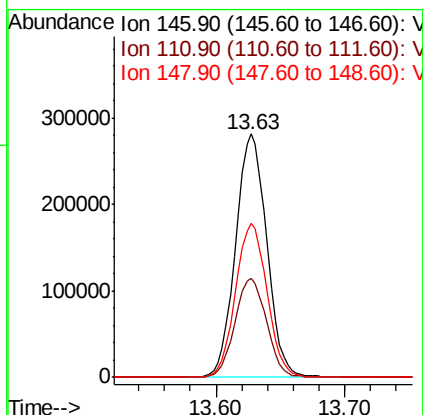
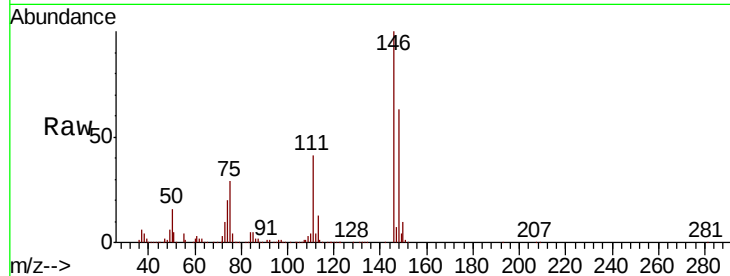




#91
 1,2-Dichlorobenzene
 Concen: 50.361 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

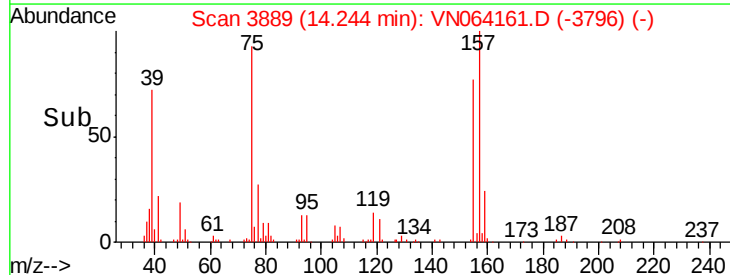
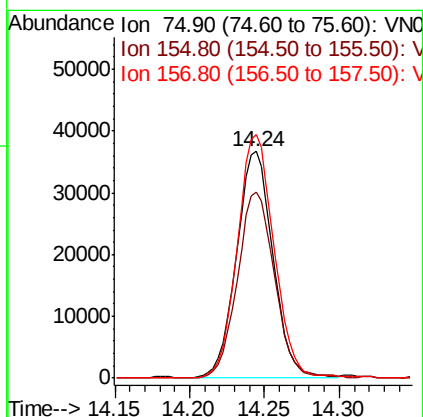
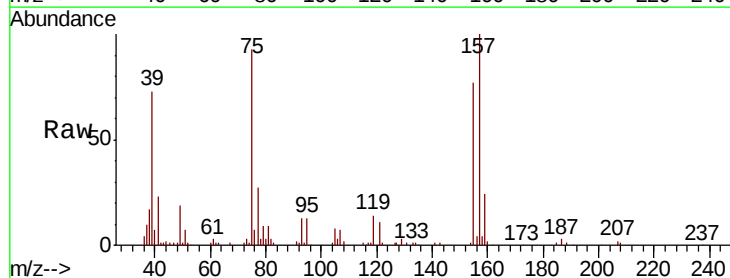
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

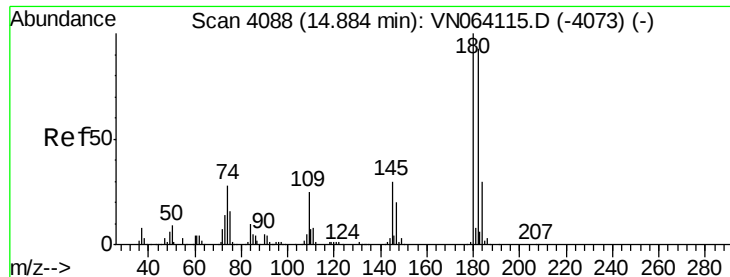
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.8
148	64.2	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.233 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	40.8	122.2
157	107.3	53.9	161.7

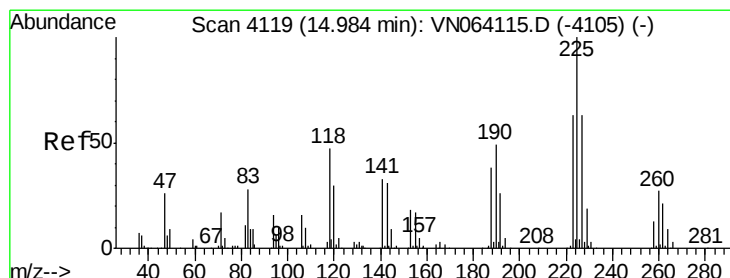
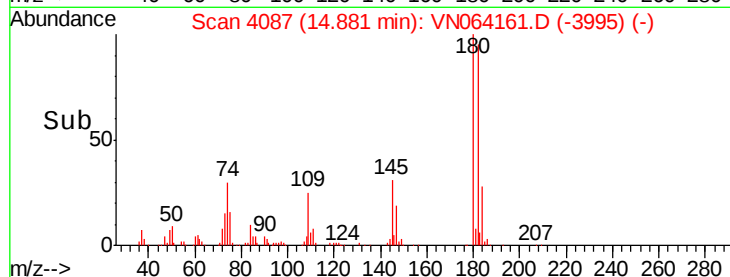
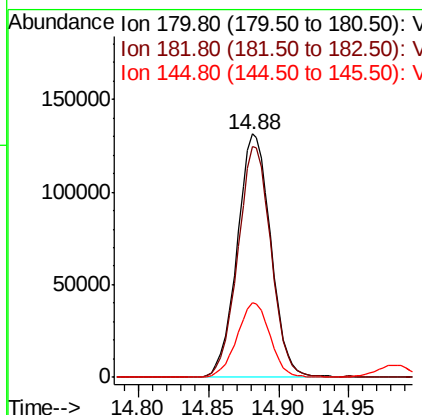
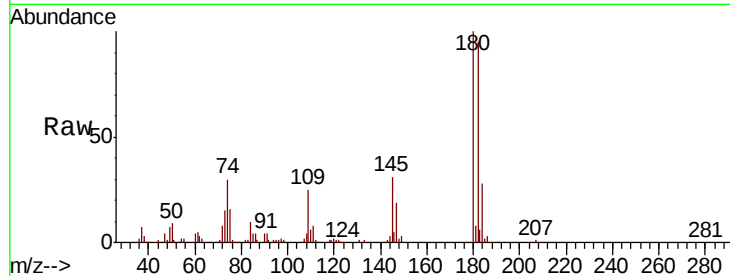




#93
 1,2,4-Trichlorobenzene
 Concen: 47.755 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

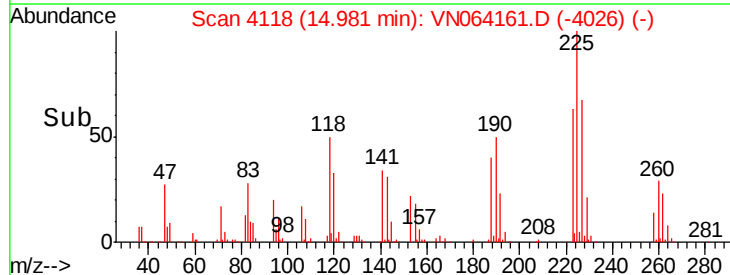
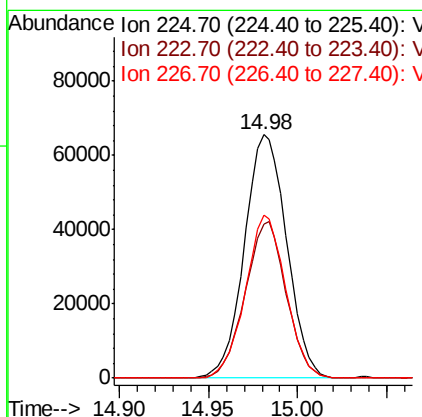
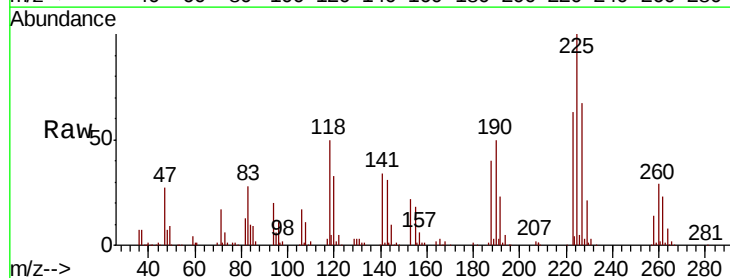
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

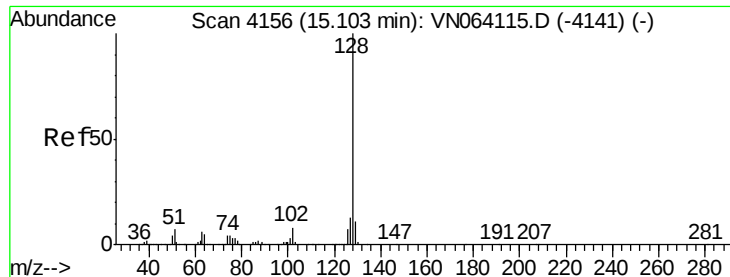
Tot Ion:180 Resp: 219217
 Ion Ratio Lower Upper
 180 100
 182 93.8 45.8 137.4
 145 30.3 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 48.577 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064161.D
 Acq: 15 Oct 2020 22:19

Tgt Ion:225 Resp: 108528
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.3 96.9
 227 64.0 31.6 94.8





#95

Naphthalene

Concen: 45.974 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

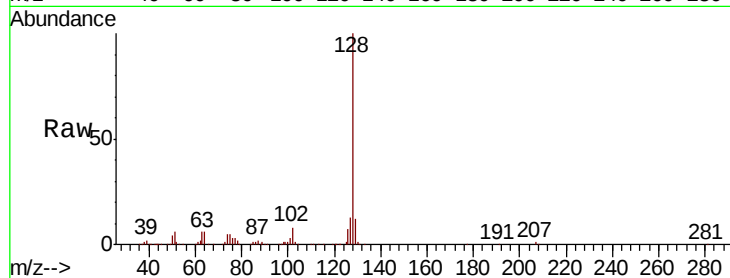
Tot Ion:128 Resp: 642476

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

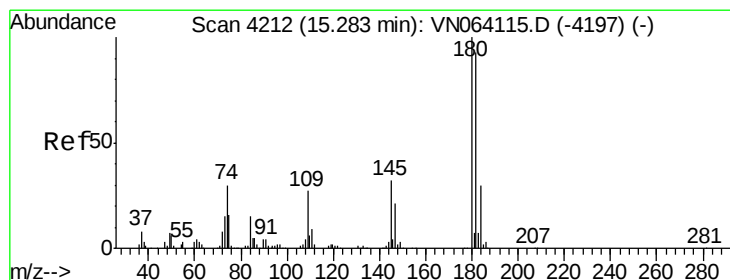
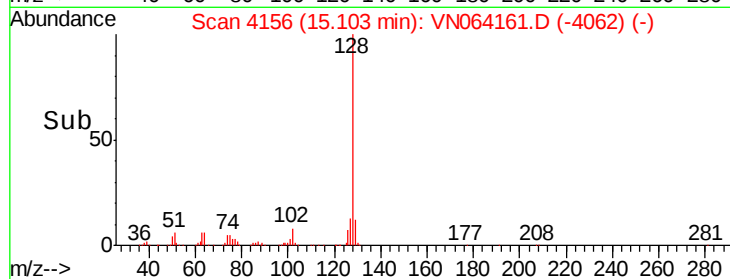
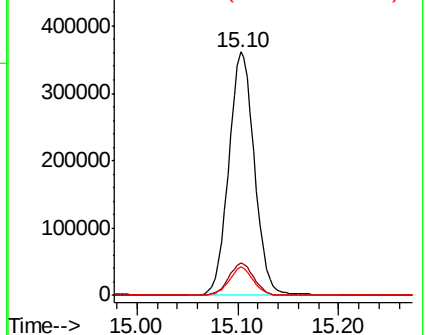
129 11.1 8.5 12.7



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: 48.389 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064161.D

Acq: 15 Oct 2020 22:19

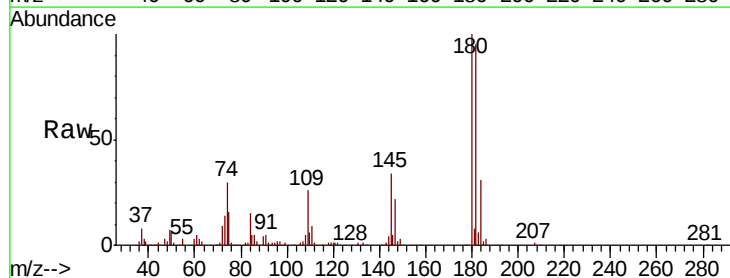
Tgt Ion:180 Resp: 221664

Ion Ratio Lower Upper

180 100

182 95.1 46.6 139.8

145 33.0 16.1 48.2



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

