

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

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:35:25 PM

Quant Time: Oct 27 11:51:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 11:34:47 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	77844	19.540	ug/l	94
40) Benzene	8.00	78	214264	17.881	ug/l	99
41) Methacrylonitrile	7.13	41	42697	20.283	ug/l	92
42) 1,2-Dichloroethane	8.08	62	97622	18.888	ug/l	98
43) Isopropyl Acetate	8.13	43	135686	18.310	ug/l #	93
44) Trichloroethene	8.80	130	59514	18.203	ug/l	99
45) 1,2-Dichloropropane	9.09	63	59453	18.621	ug/l	95
46) Dibromomethane	9.17	93	41959	19.412	ug/l	99
47) Bromodichloromethane	9.37	83	88088	18.513	ug/l	99
48) Methyl methacrylate	9.16	41	69046	17.936	ug/l	98
49) 1,4-Dioxane	9.17	88	23120	488.816	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	409361	102.161	ug/l	99
52) Toluene	10.13	92	134307	17.559	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	94628	17.988	ug/l	93
54) cis-1,3-Dichloropropene	9.80	75	99061	17.824	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	54644	18.824	ug/l	96
56) Ethyl methacrylate	10.40	69	84917	18.903	ug/l	98
57) 1,3-Dichloropropane	10.68	76	94117	18.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	223297	96.864	ug/l	100
59) 2-Hexanone	10.72	43	302924	103.163	ug/l	99
60) Dibromochloromethane	10.87	129	63625	16.948	ug/l	100
61) 1,2-Dibromoethane	10.97	107	58477	19.039	ug/l	99
64) Tetrachloroethene	10.60	164	58246	18.114	ug/l	94
65) Chlorobenzene	11.41	112	145363	17.709	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	58433	17.931	ug/l	96
67) Ethyl Benzene	11.48	91	271137	17.936	ug/l	99
68) m/p-Xylenes	11.59	106	201603	35.968	ug/l	96
69) o-Xylene	11.92	106	94421	17.535	ug/l	100
70) Styrene	11.94	104	160295	17.681	ug/l	99
71) Bromoform	12.10	173	45377	17.984	ug/l #	99
73) Isopropylbenzene	12.22	105	253623	18.081	ug/l	99
74) N-amyl acetate	12.04	43	114465	18.752	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	74150	19.651	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	79636m	19.816	ug/l	
77) Bromobenzene	12.50	156	60666	18.181	ug/l	95
78) n-propylbenzene	12.57	91	290099	18.279	ug/l	100
79) 2-Chlorotoluene	12.65	91	183415	18.809	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	216214	18.207	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27382	17.575	ug/l	91
82) 4-Chlorotoluene	12.75	91	184087	18.113	ug/l	100
83) tert-Butylbenzene	12.97	119	179129	18.415	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	217050	18.328	ug/l	99
85) sec-Butylbenzene	13.14	105	226081	18.440	ug/l	100
86) p-Isopropyltoluene	13.26	119	205467	18.379	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	104911	17.747	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	107586	17.823	ug/l	98
89) n-Butylbenzene	13.59	91	180062	18.095	ug/l	98
90) Hexachloroethane	13.85	117	37857	18.366	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	105391	18.211	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19258	20.327	ug/l	96

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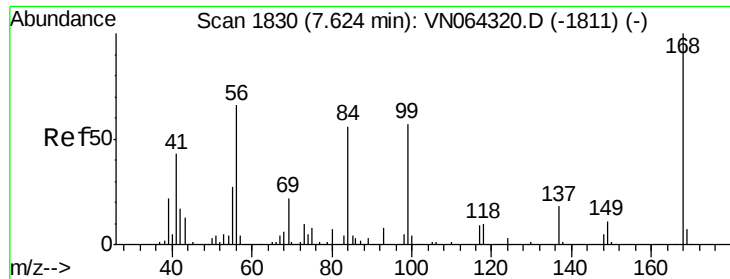
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	57876	17.967	ug/l	99
94) Hexachlorobutadiene	14.98	225	31903	18.284	ug/l	98
95) Naphthalene	15.10	128	179192	18.523	ug/l	98
96) 1,2,3-Trichlorobenzene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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

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Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 262059

Ion Ratio Lower Upper

168 100

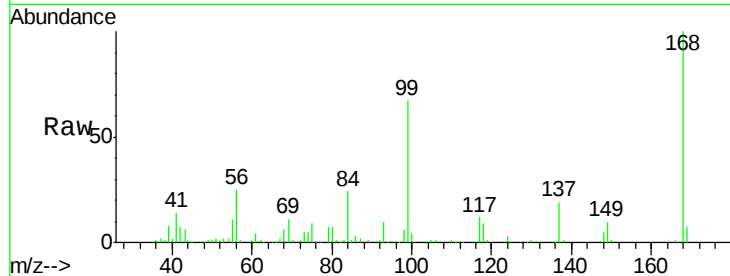
99 66.9 52.7 79.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

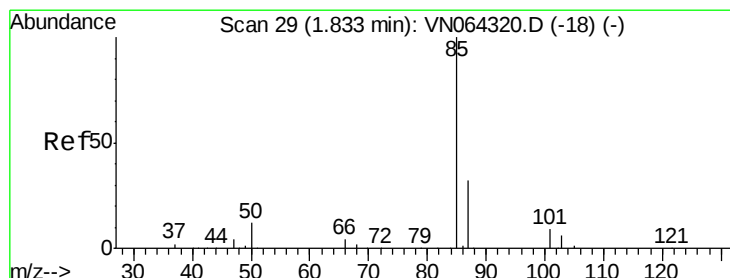
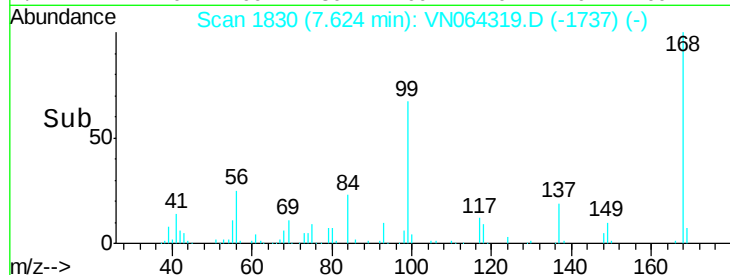
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.768 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064319.D

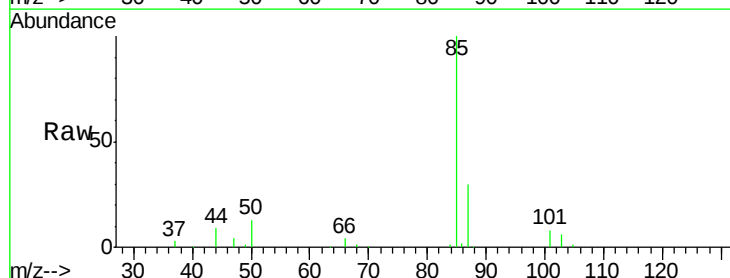
Acq: 27 Oct 2020 10:53

Tgt Ion: 85 Resp: 56297

Ion Ratio Lower Upper

85 100

87 29.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

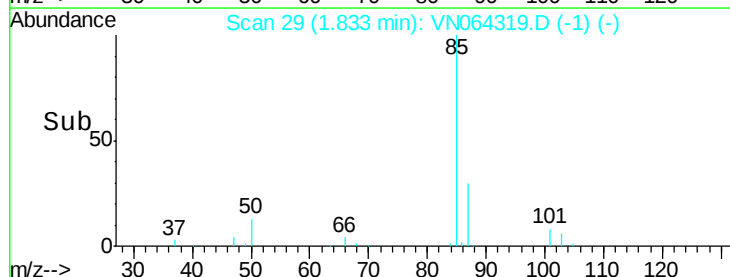
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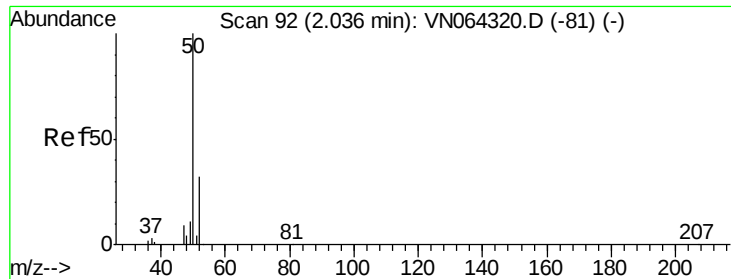
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.838 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 56784

Ion Ratio Lower Upper

50 100

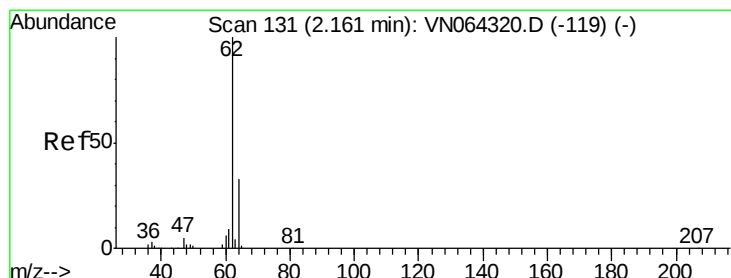
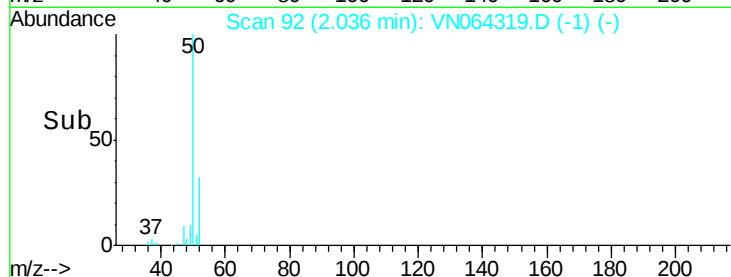
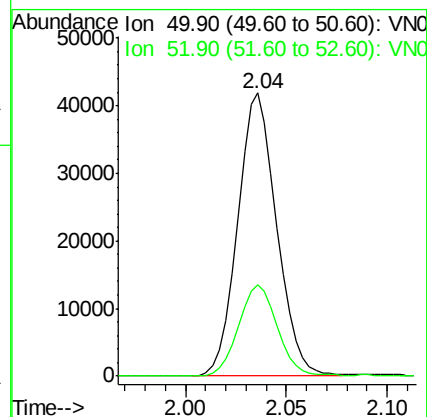
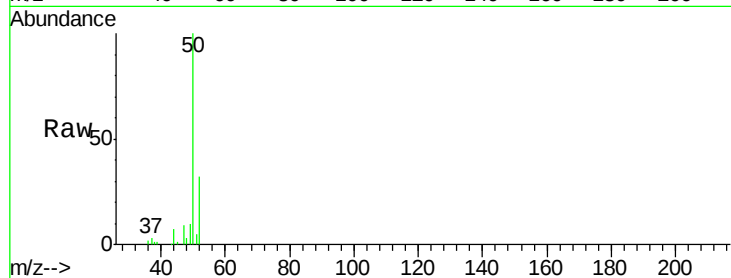
52 32.1 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.747 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064319.D

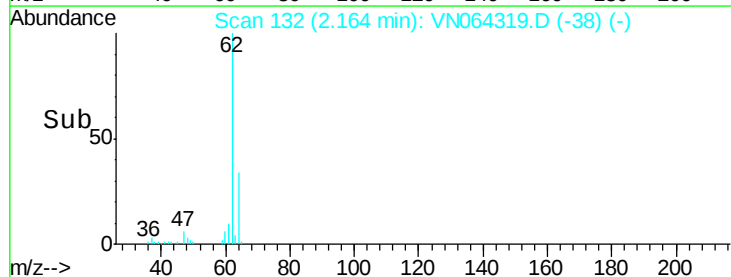
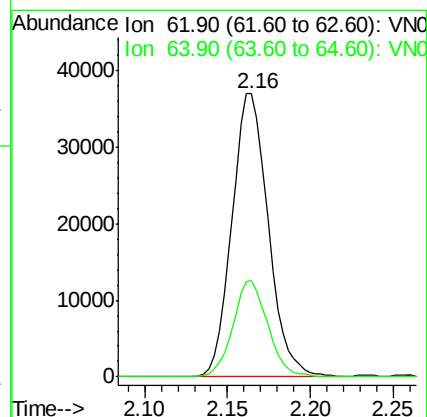
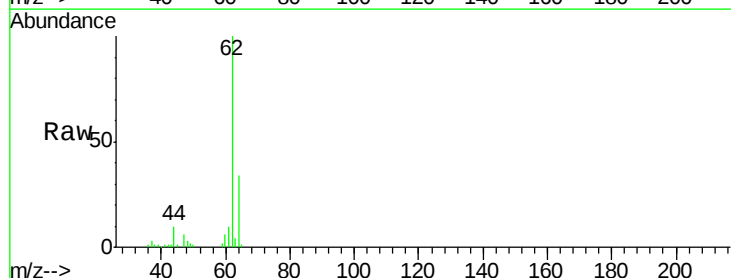
Acq: 27 Oct 2020 10:53

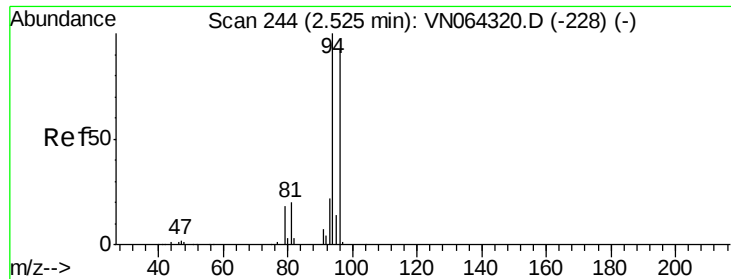
Tgt Ion: 62 Resp: 56449

Ion Ratio Lower Upper

62 100

64 34.1 26.2 39.4





#5

Bromomethane

Concen: 19.593 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 38581

Ion Ratio Lower Upper

94 100

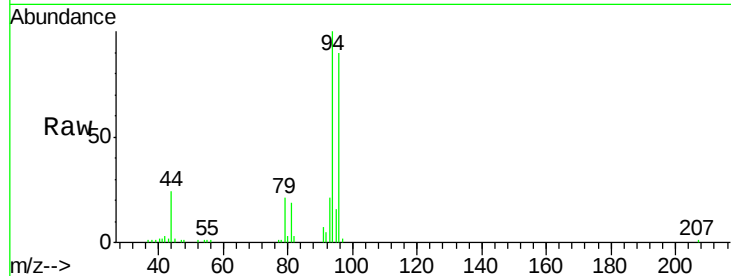
96 89.8 73.6 110.4

Manual Integrations

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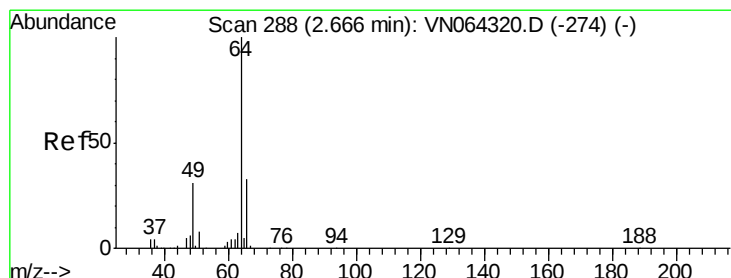
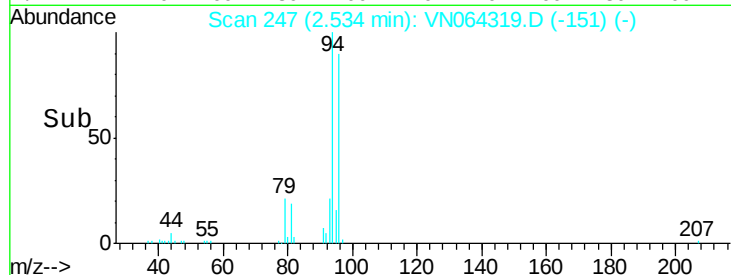
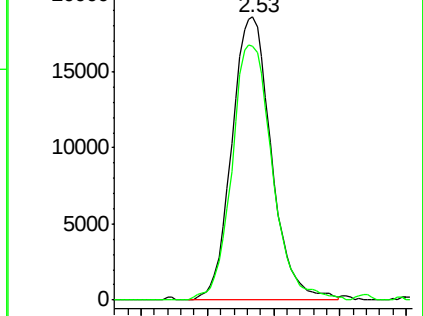
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 18.763 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN064319.D

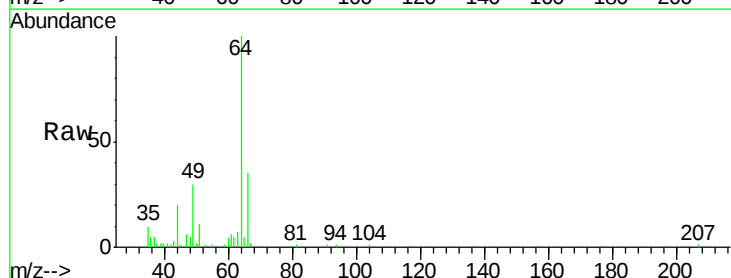
Acq: 27 Oct 2020 10:53

Tgt Ion: 64 Resp: 34222

Ion Ratio Lower Upper

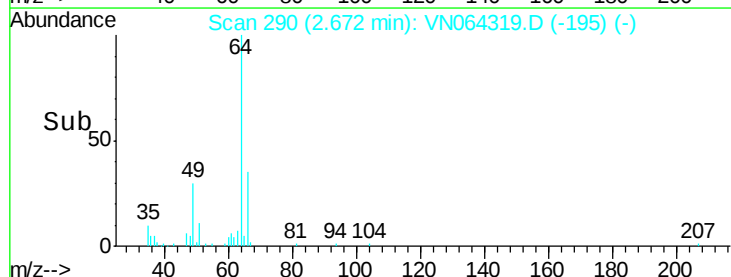
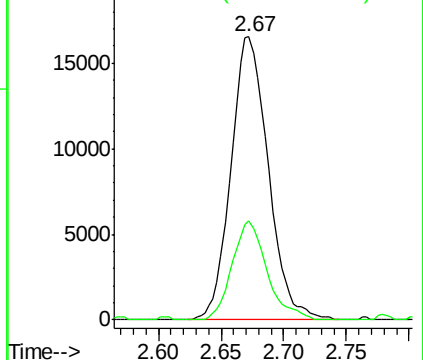
64 100

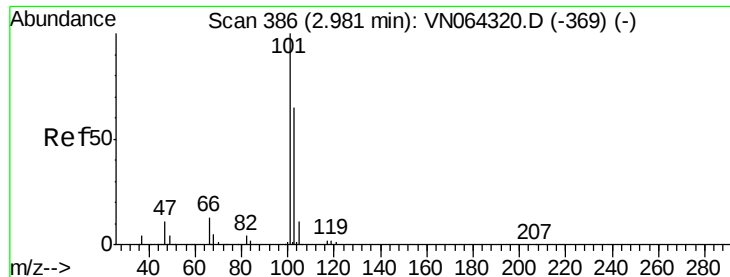
66 35.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

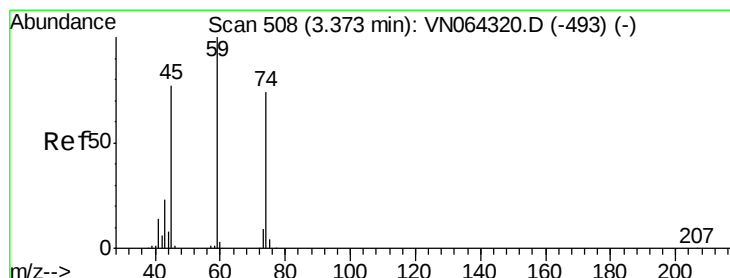
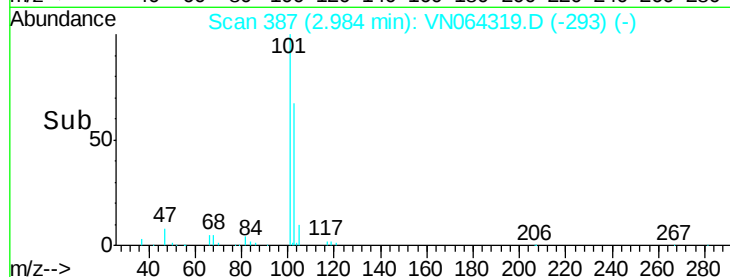
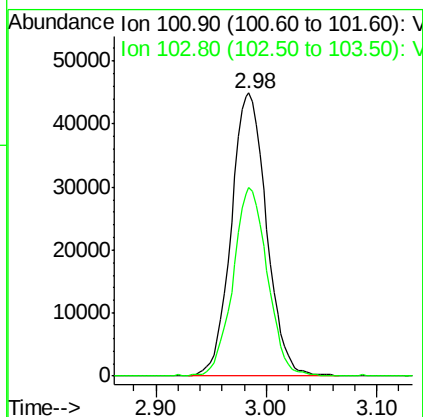
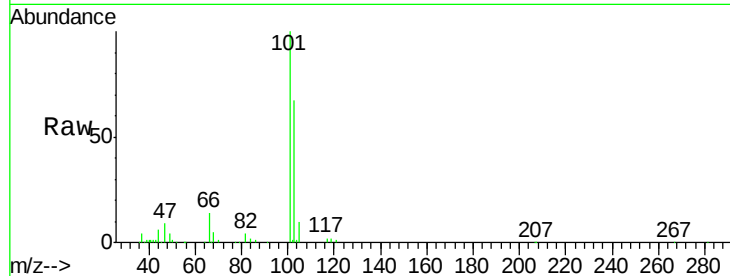
Trichlorofluoromethane
 Concen: 20.052 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		99354		
103	66.7	51.7	77.5		

Manual Integrations
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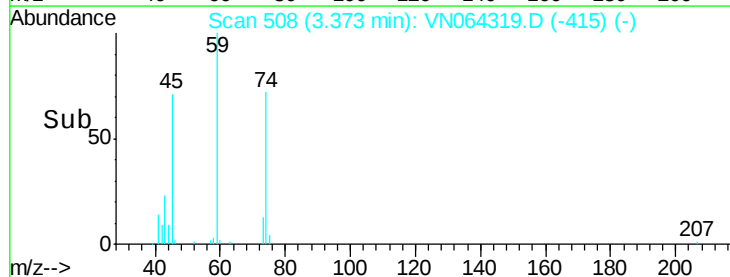
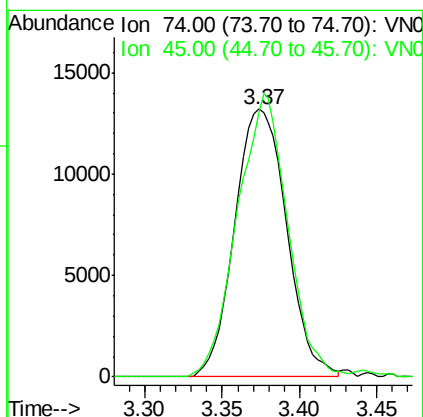
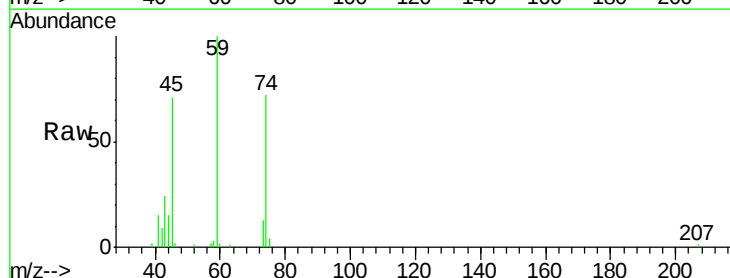
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 10/28/2020 12:35:25 PM

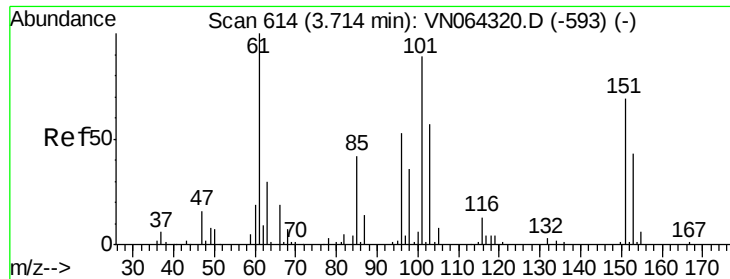


#8

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

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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.033 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

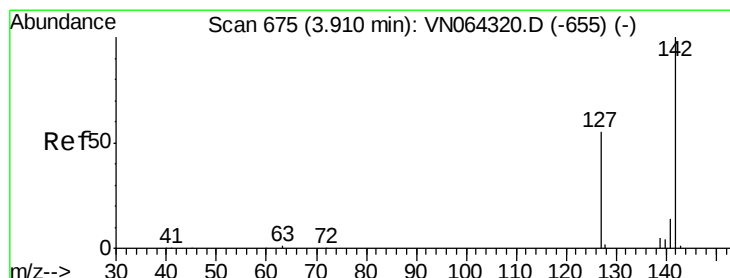
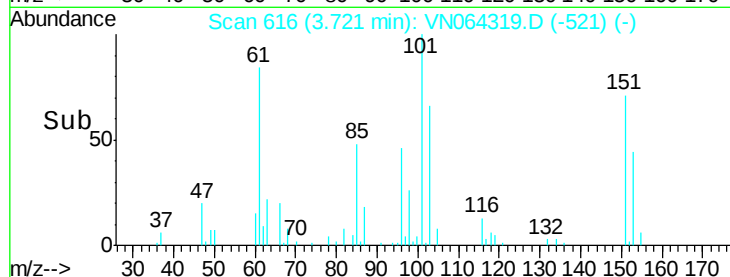
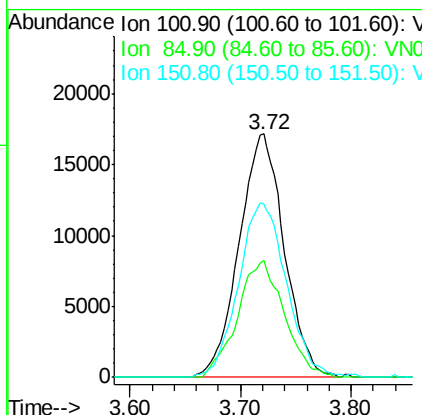
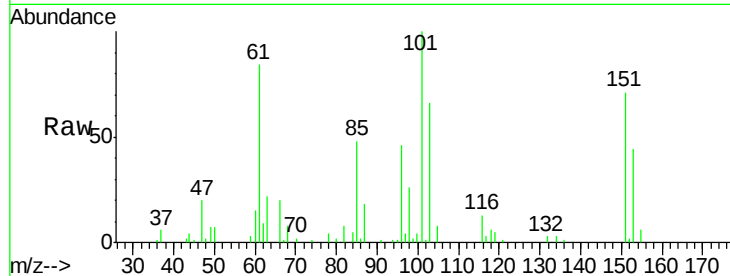
ClientSampled :

VSTDIC020

Tot Ion:	101	Resp:	48664
Ion Ratio	Lower	Upper	
101	100		
85	49.8	38.4	57.6
151	76.0	62.0	93.0

Manual Integrations
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#10

Methyl Iodide

Concen: 17.379 ug/l

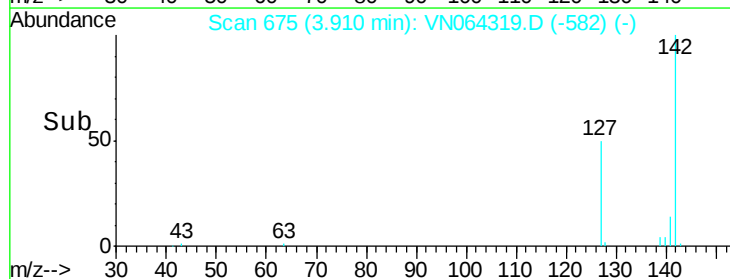
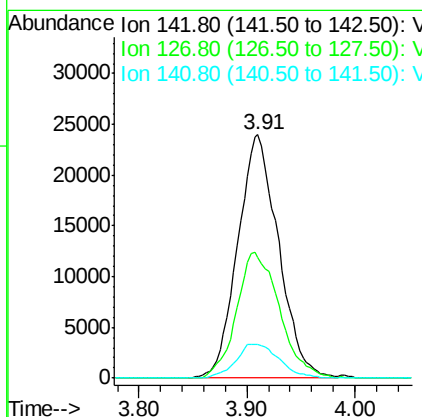
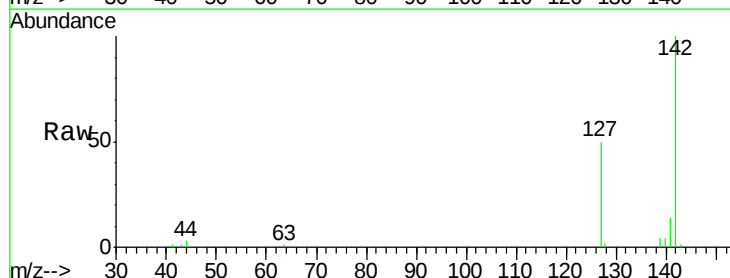
RT: 3.91 min Scan# 675

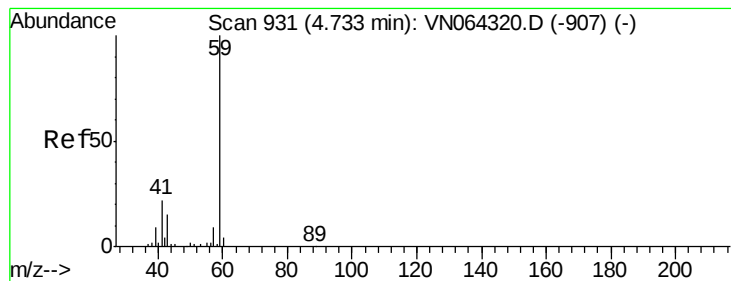
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion:	142	Resp:	62822
Ion Ratio	Lower	Upper	
142	100		
127	54.4	43.3	64.9
141	14.9	11.5	17.3





#11

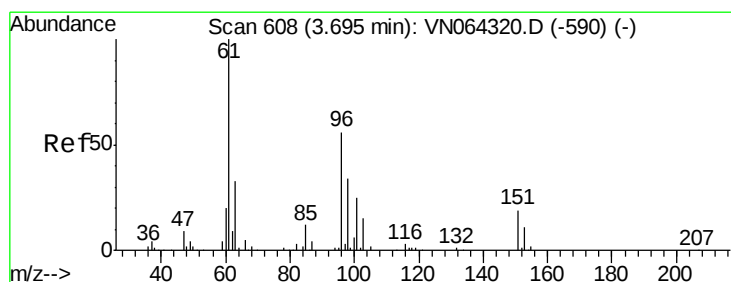
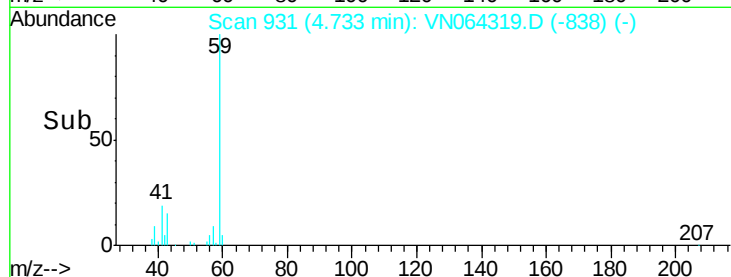
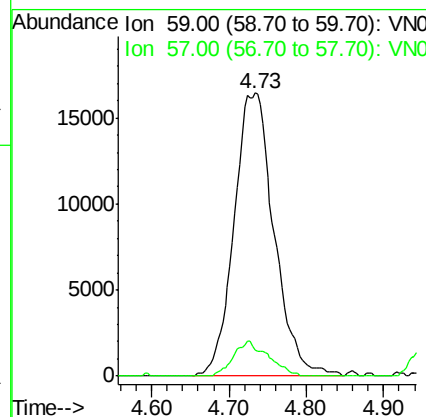
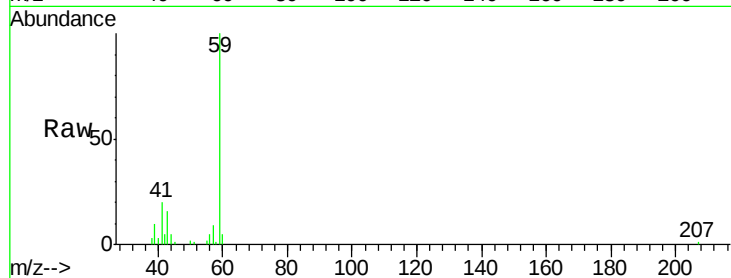
Tert butyl alcohol
 Concen: 108.608 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.4	14.0

Manual Integrations
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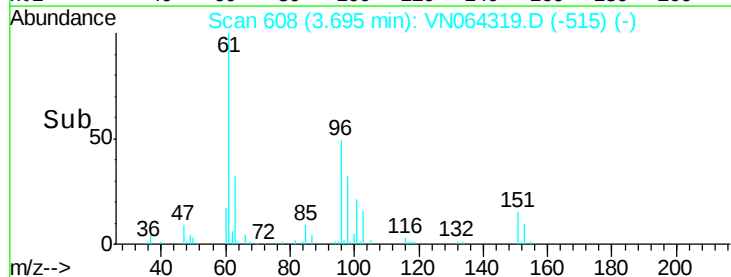
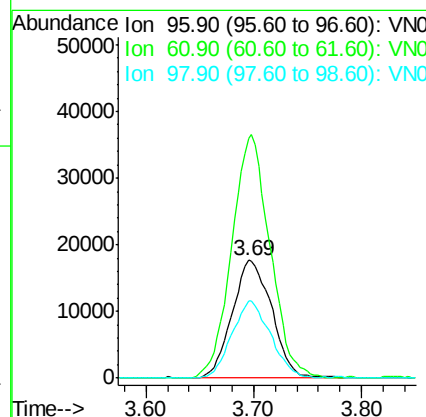
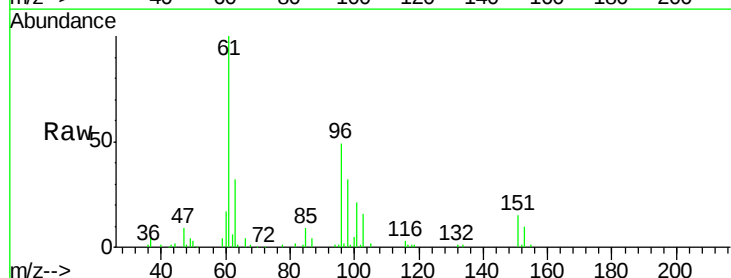
MMDadoda
 10/28/2020 12:35:25 PM

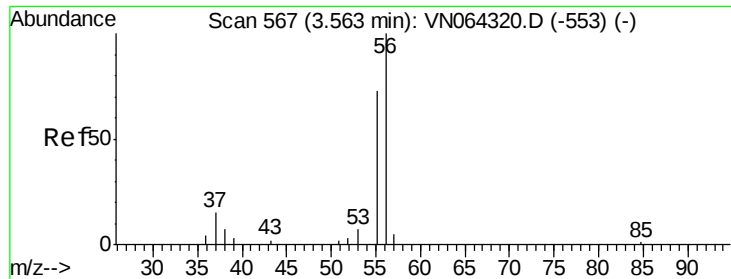


#12

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

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





#13

Acrolein

Concen: 32.869 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.01 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 9524

Ion Ratio Lower Upper

56 100

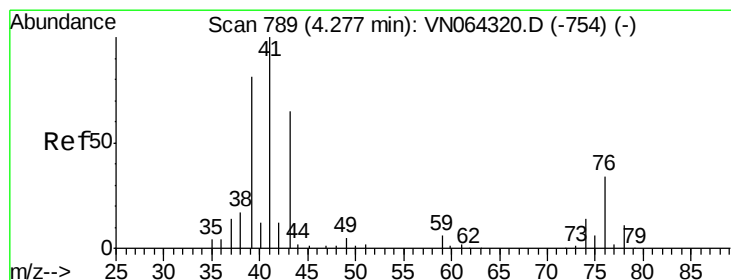
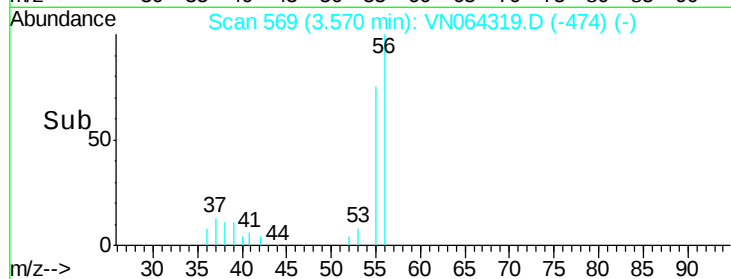
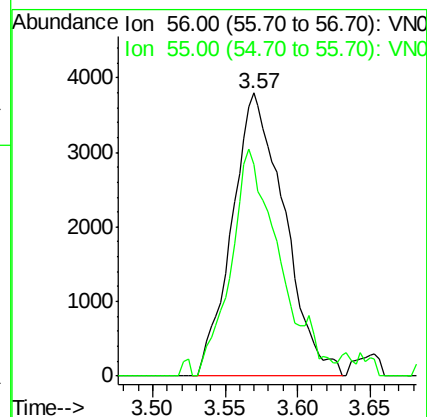
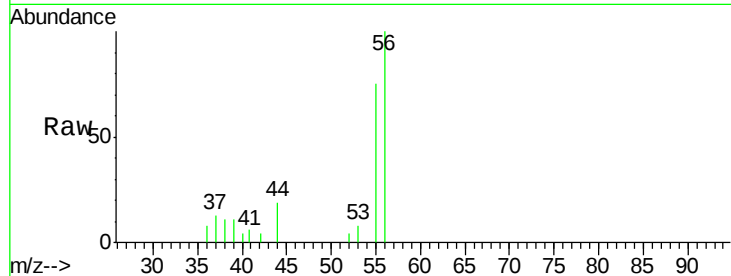
55 70.0 62.6 94.0

Manual Integrations

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#14

Allyl chloride

Concen: 18.468 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

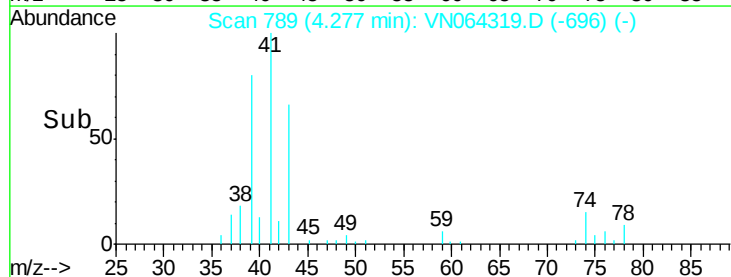
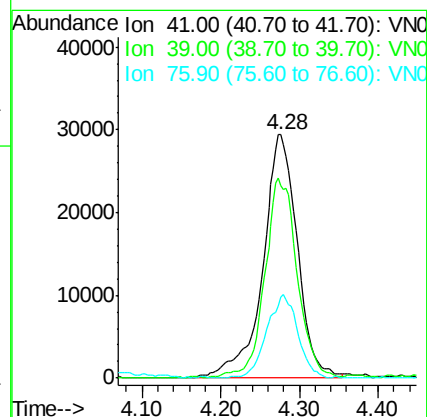
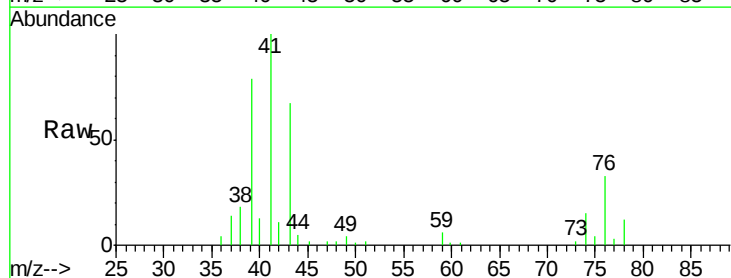
Tgt Ion: 41 Resp: 90772

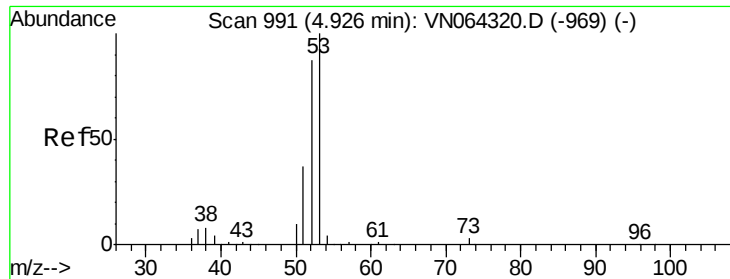
Ion Ratio Lower Upper

41 100

39 76.9 61.7 92.5

76 30.8 24.0 36.0





#15

Acrylonitrile

Concen: 110.639 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

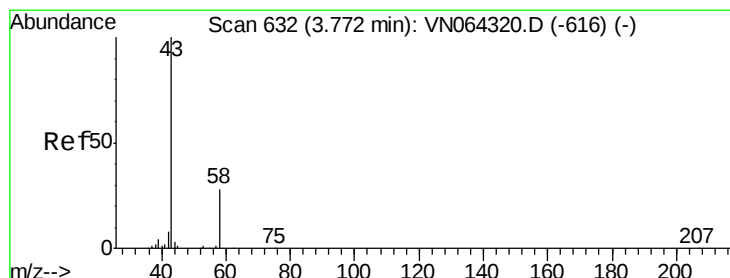
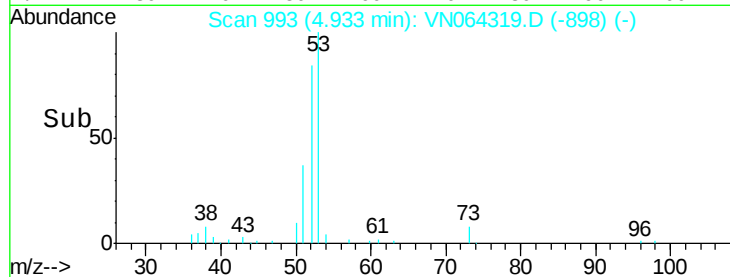
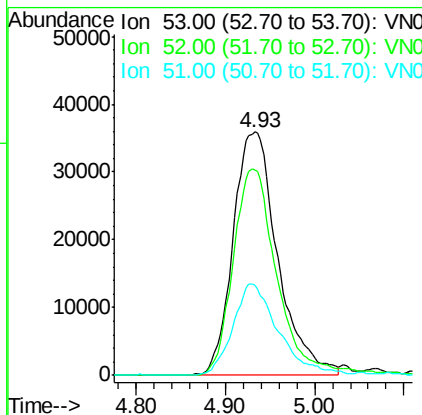
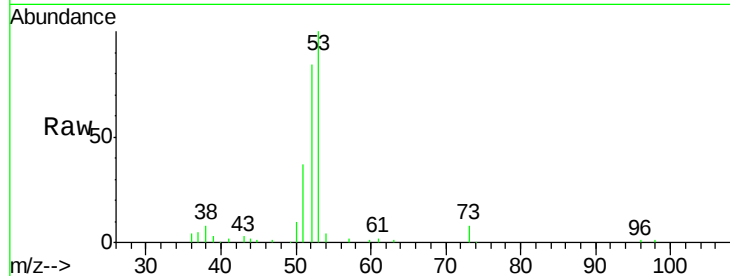
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	124733
Ion Ratio	Lower	Upper	
53	100		
52	83.0	65.9	98.9
51	37.6	30.4	45.6

Manual Integrations
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#16

Acetone

Concen: 120.885 ug/l

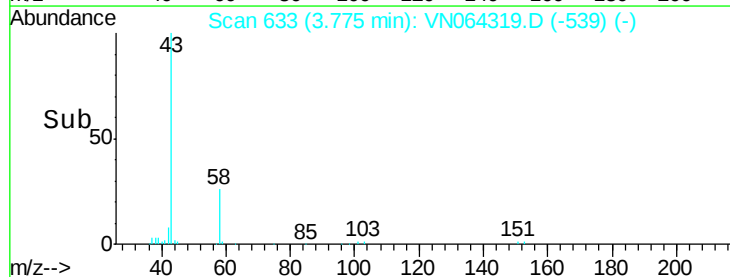
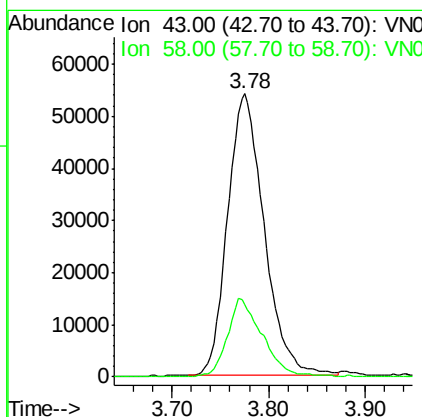
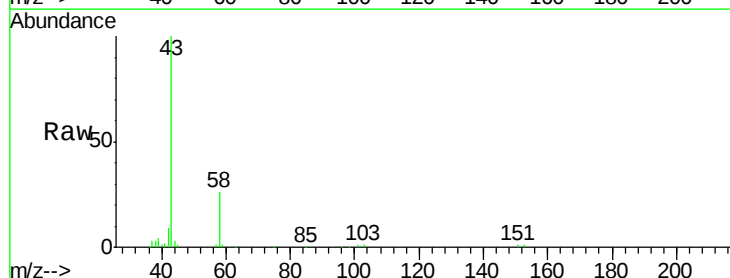
RT: 3.78 min Scan# 633

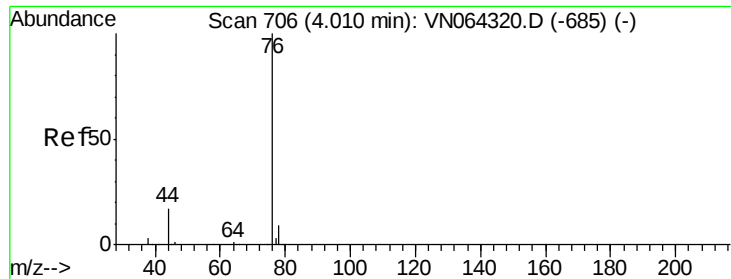
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion:	43	Resp:	142041
Ion Ratio	Lower	Upper	
43	100		
58	25.7	22.1	33.1





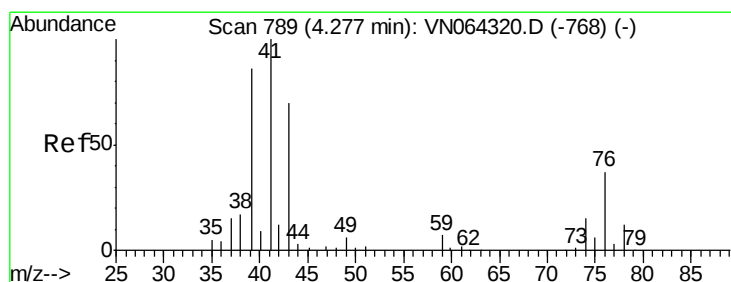
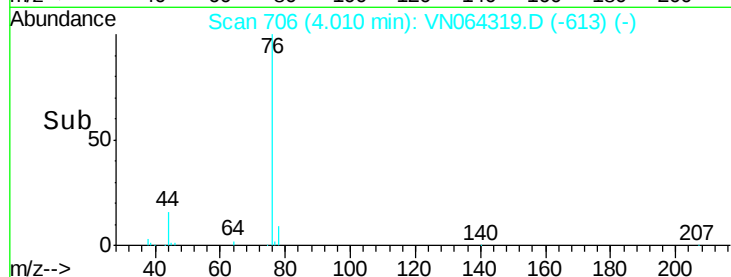
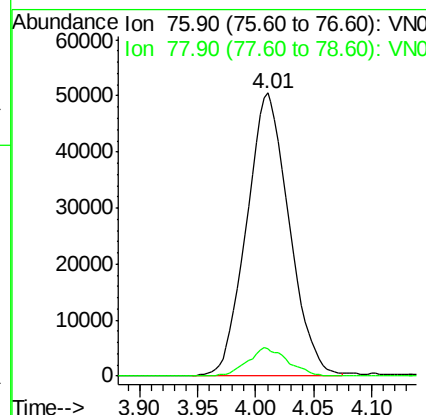
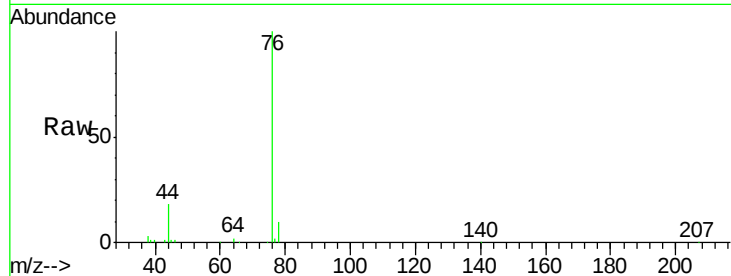
#17
Carbon Disulfide
Concen: 18.433 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9

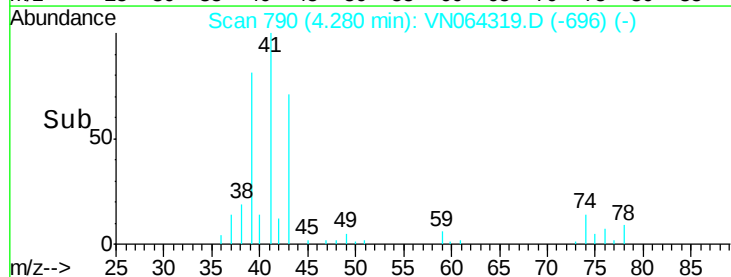
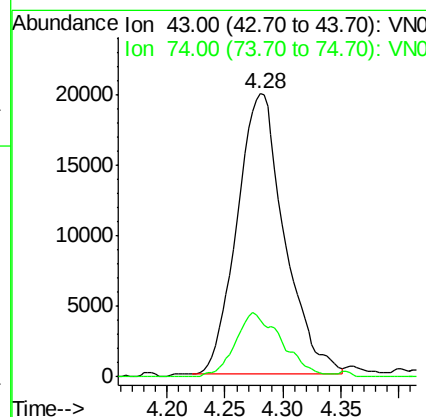
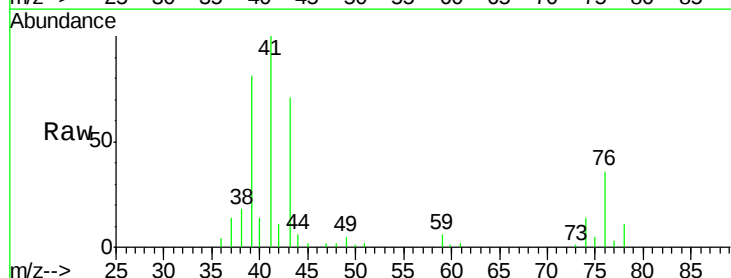
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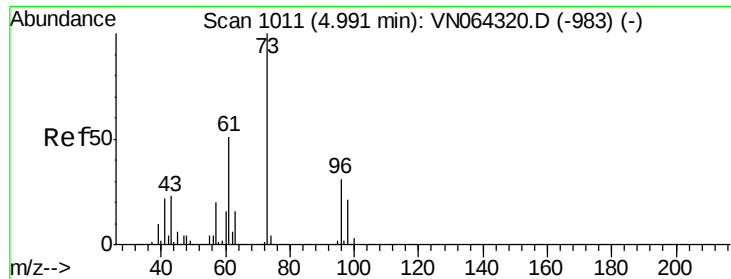
MMDadoda
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#18
Methyl Acetate
Concen: 19.475 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.7	25.1





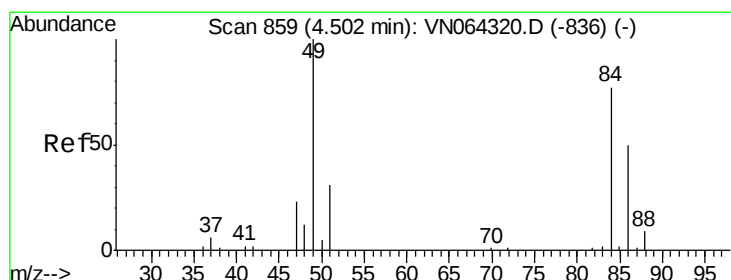
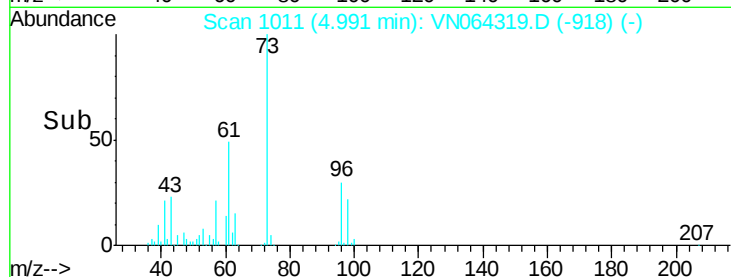
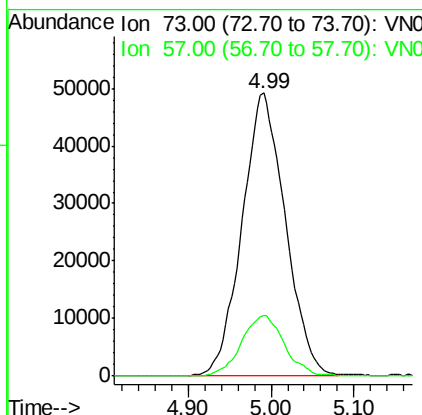
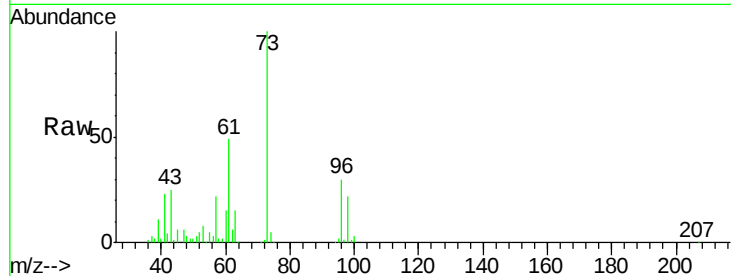
#19
Methvl tert-butvl Ether
Concen: 20.616 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

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

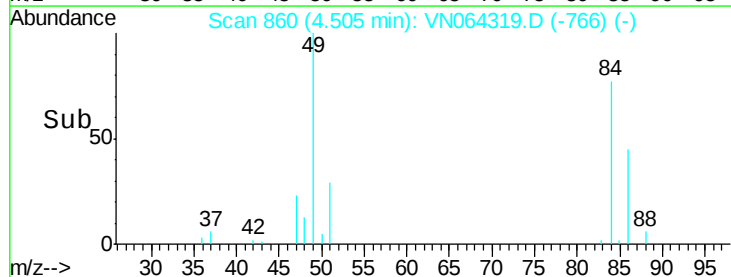
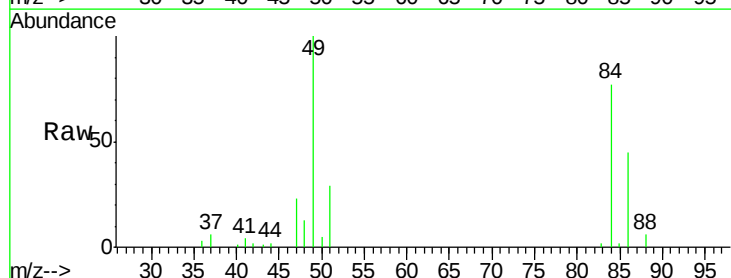
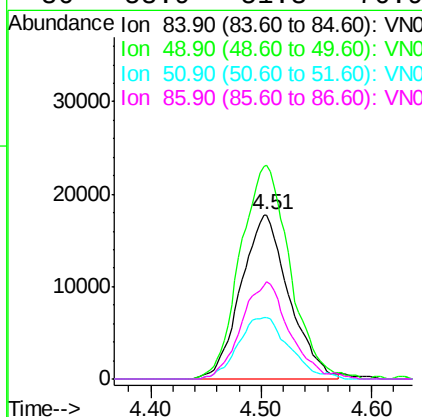
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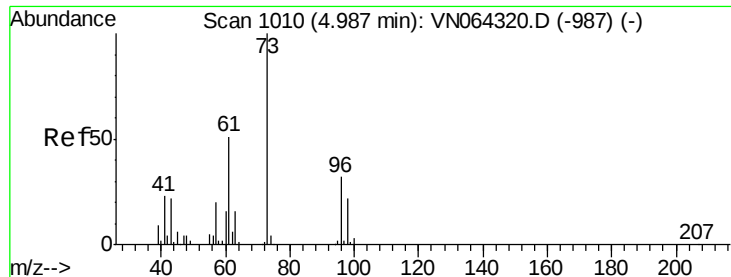
MMDadoda
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#20
Methylene Chloride
Concen: 17.964 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

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





#21

trans-1,2-Dichloroethene

Concen: 18.468 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

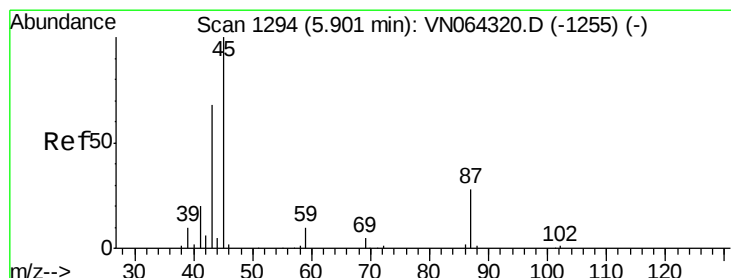
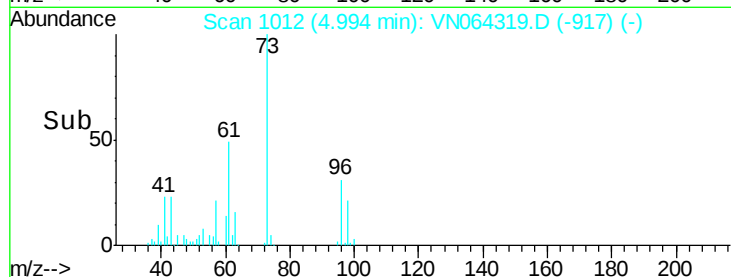
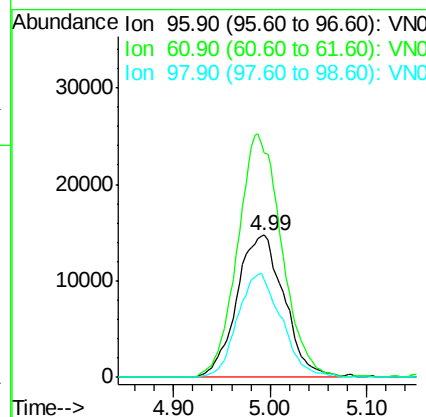
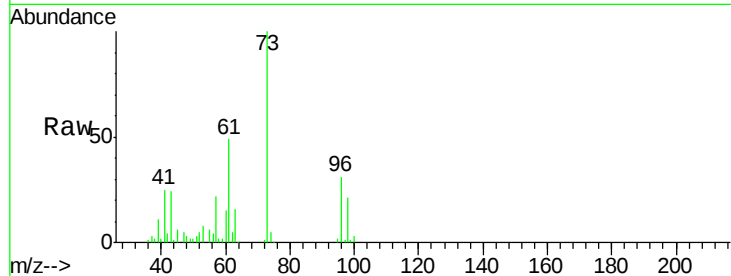
ClientSampleId :

VSTDIC020

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

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.736 ug/l

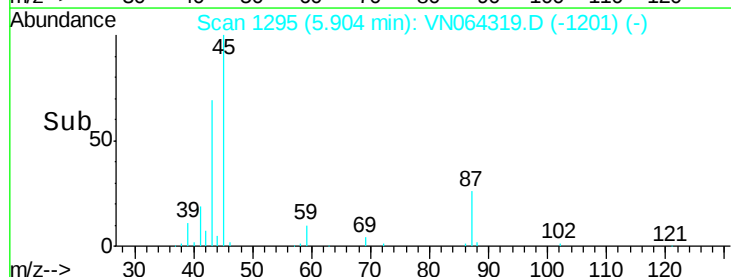
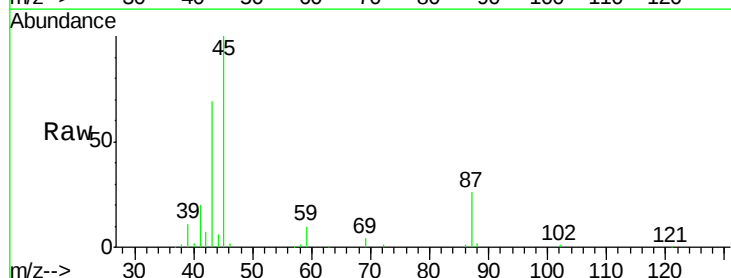
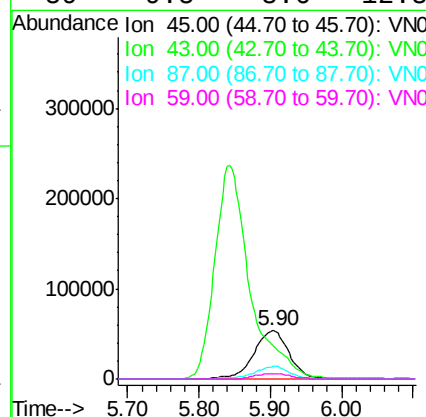
RT: 5.90 min Scan# 1295

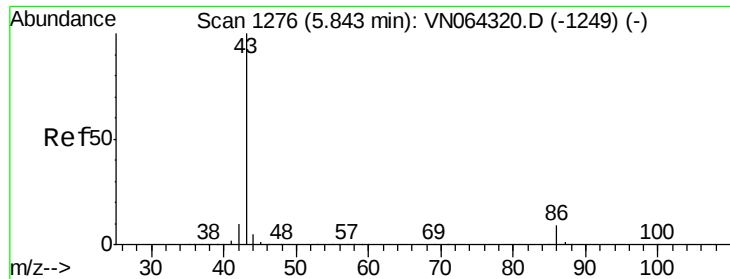
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

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





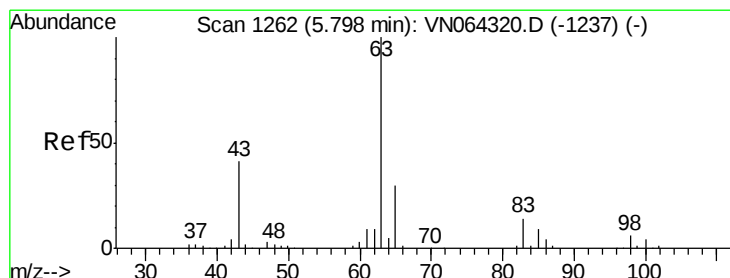
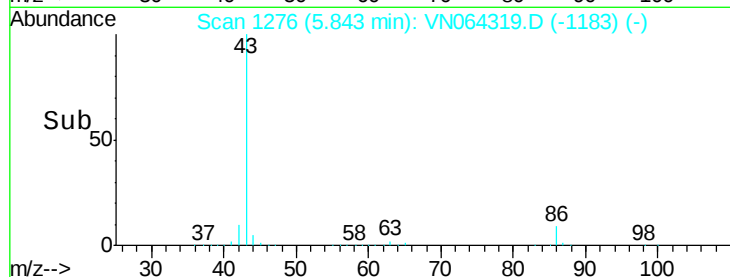
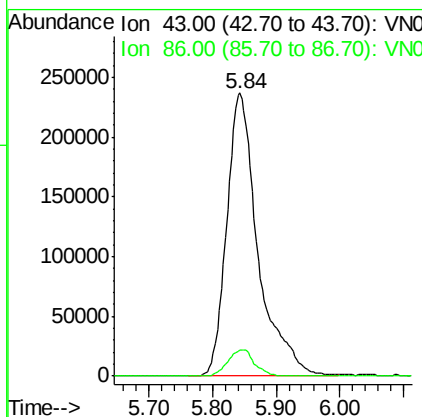
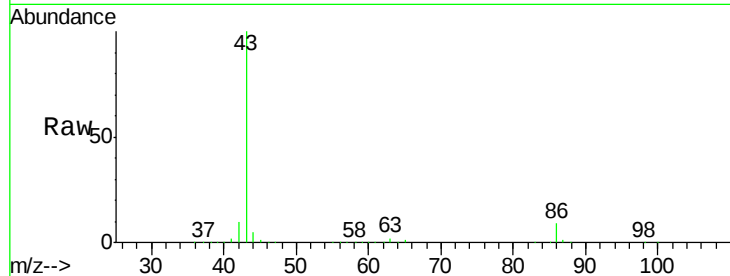
#23
 Vinyl Acetate
 Concen: 98.311 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
43	43	100		
86	86	9.0	7.3	10.9

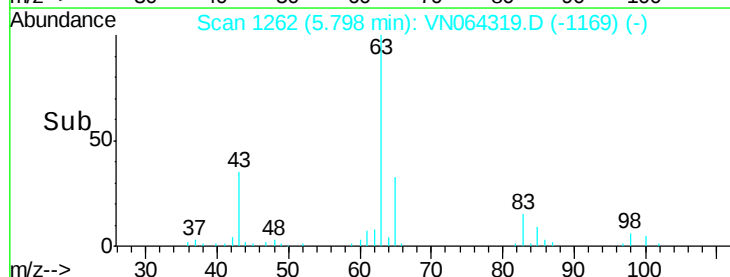
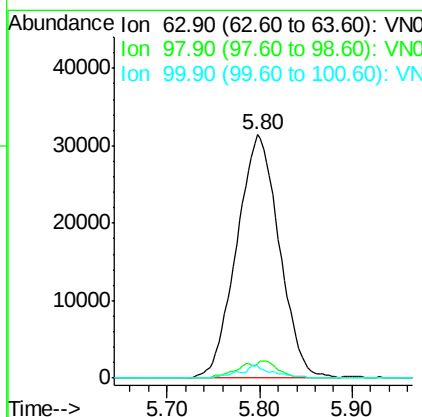
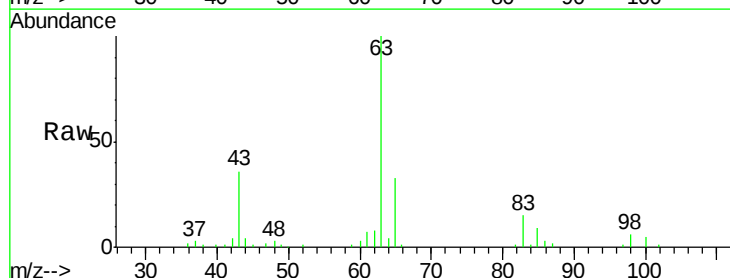
Manual Integrations
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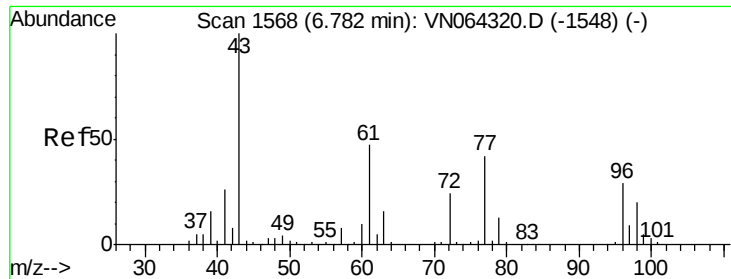
MMDadoda
 10/28/2020 12:35:25 PM



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

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





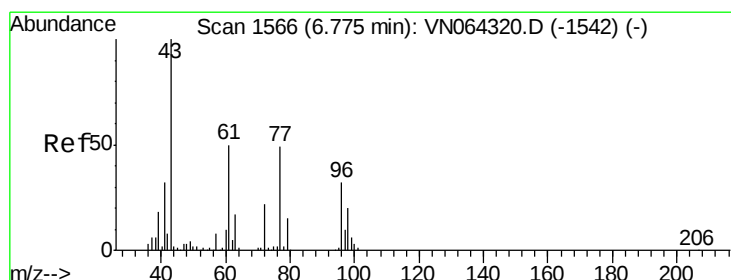
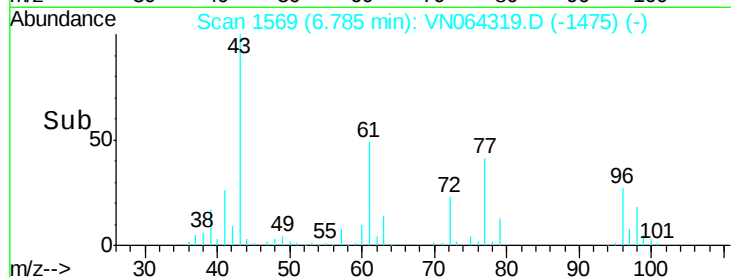
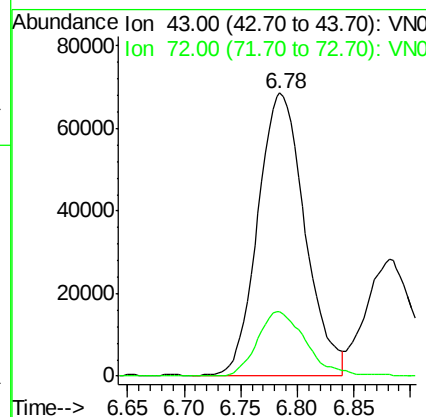
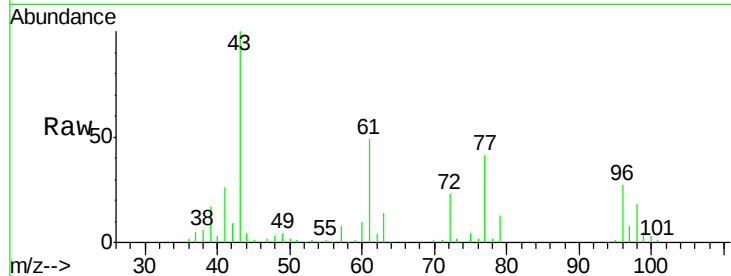
#25
2-Butanone
Concen: 107.294 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 196950
Ion Ratio Lower Upper
43 100
72 22.7 18.8 28.2

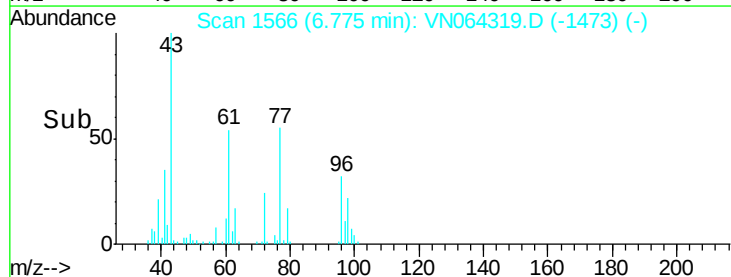
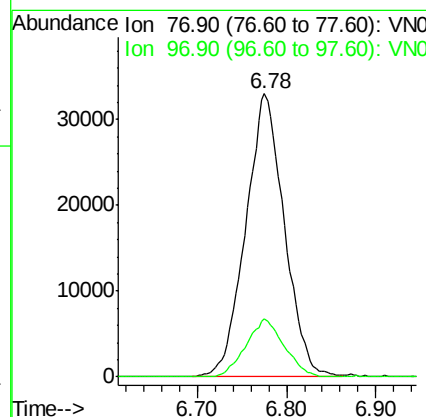
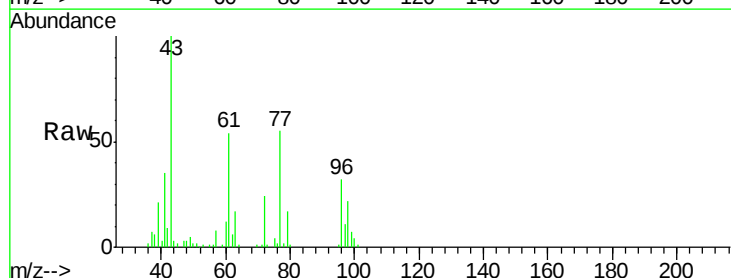
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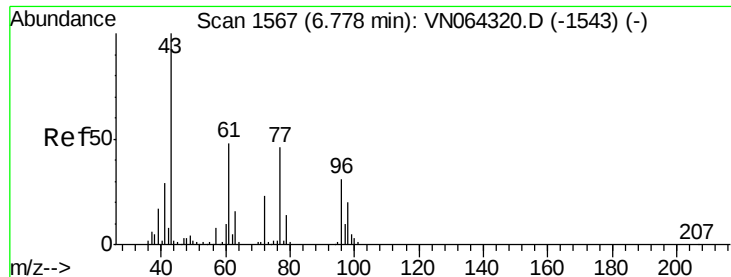
MMDadoda
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#26
2,2-Dichloropropane
Concen: 18.759 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion: 77 Resp: 99471
Ion Ratio Lower Upper
77 100
97 20.0 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 18.665 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

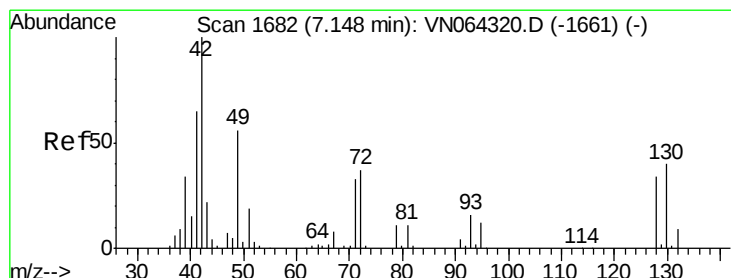
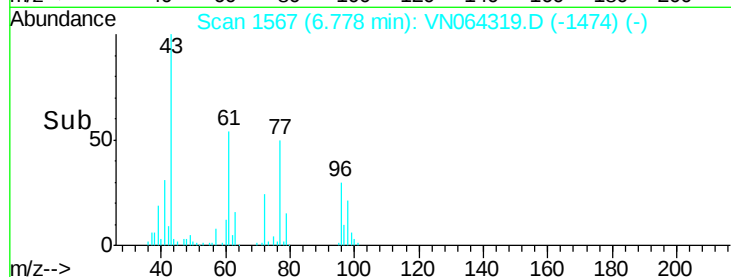
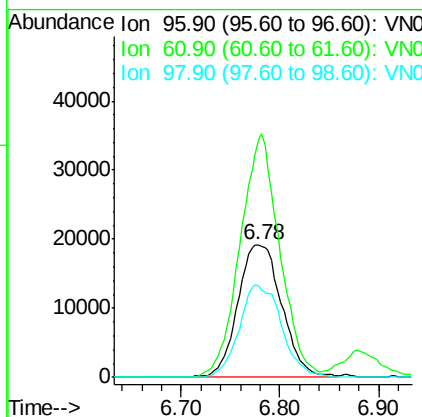
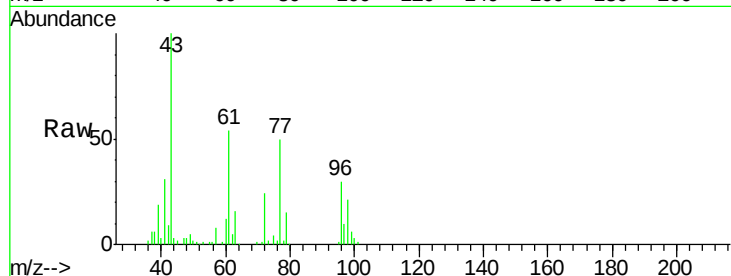
ClientSampleId :

VSTDIC020

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

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#28

Bromochloromethane

Concen: 19.242 ug/l

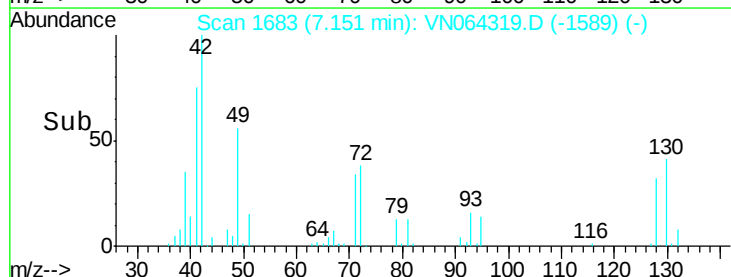
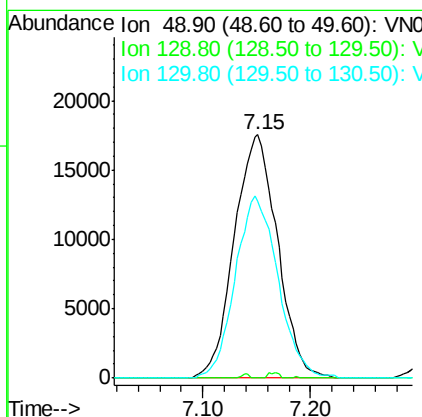
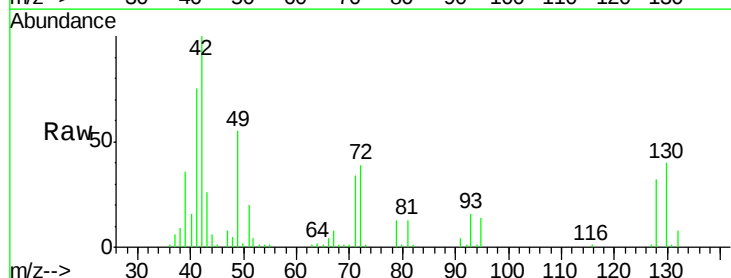
RT: 7.15 min Scan# 1683

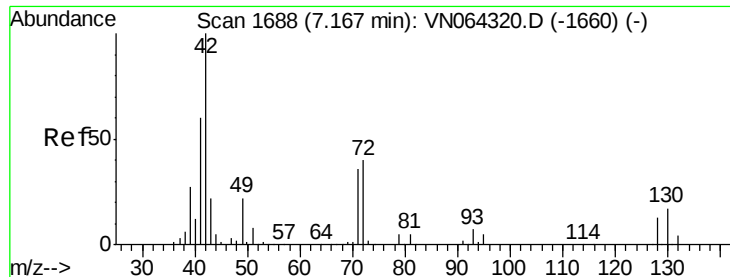
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

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





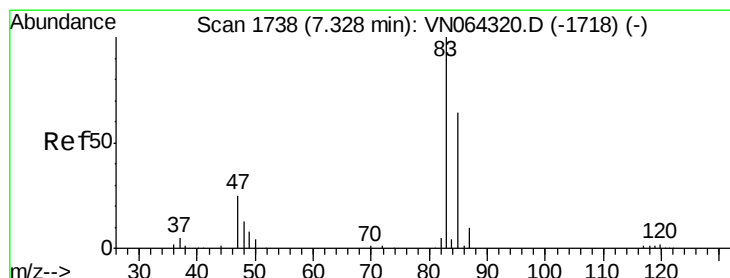
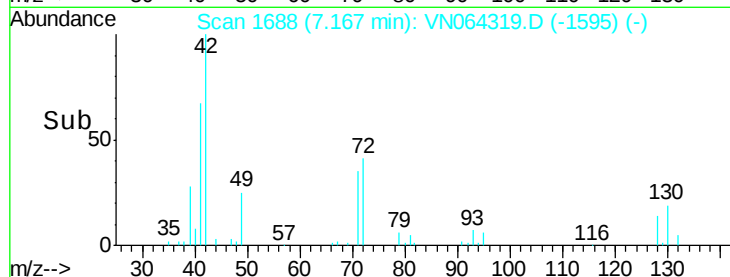
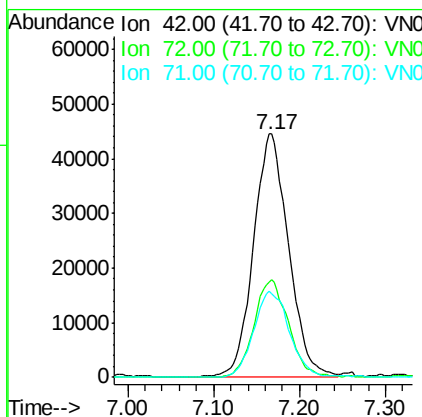
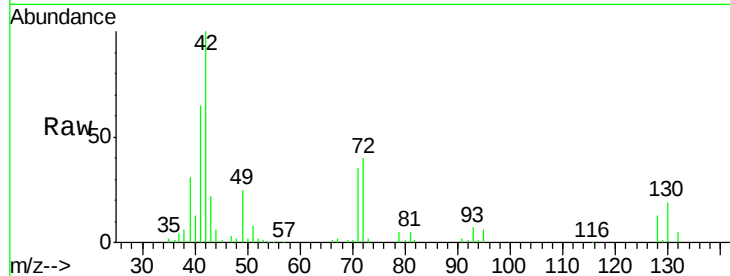
#29
Tetrahydrofuran
Concen: 114.238 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.6	47.4
71	35.5	29.4	44.0

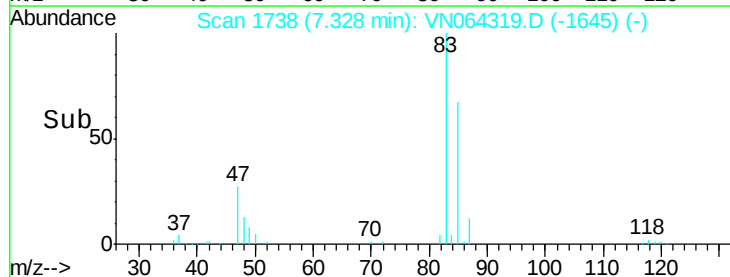
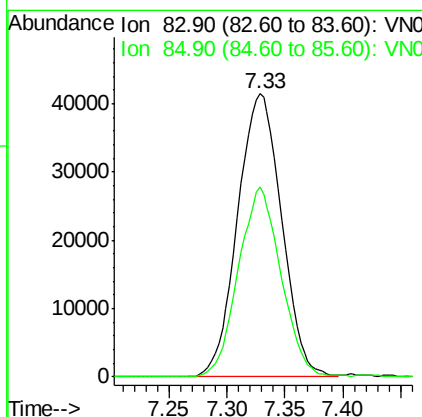
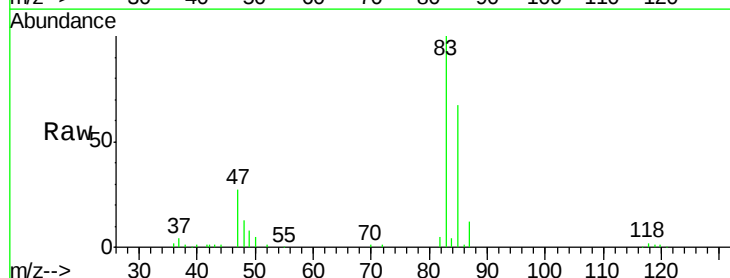
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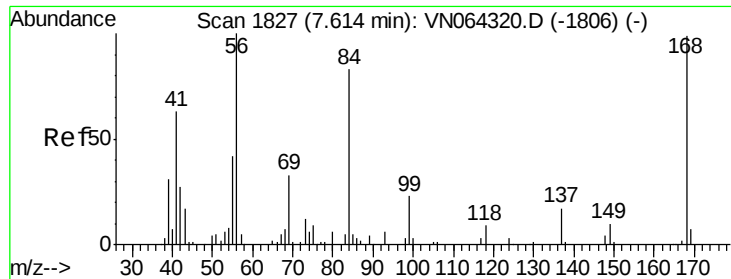
MMDadoda
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#30
Chloroform
Concen: 19.249 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.1	76.7





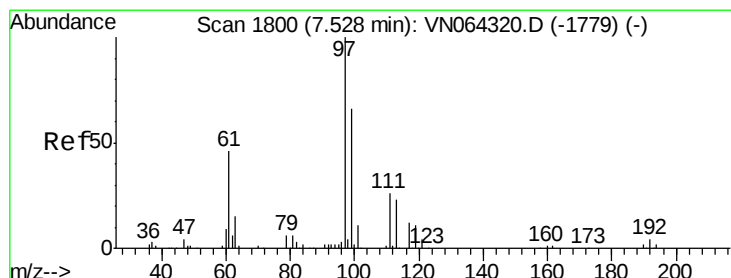
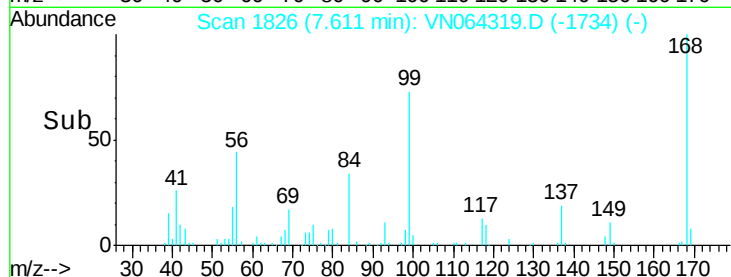
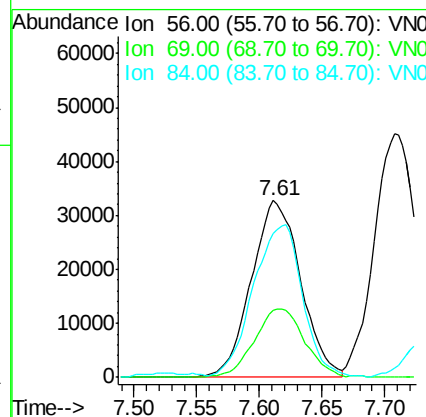
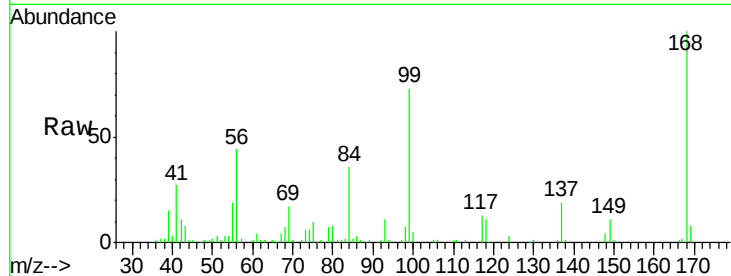
#31
Cyclohexane
Concen: 19.116 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.6	25.8	38.8
84	79.5	66.3	99.5

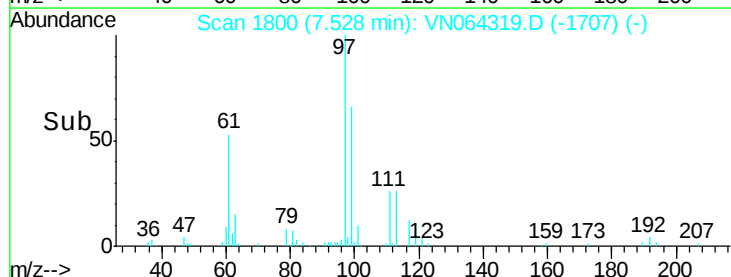
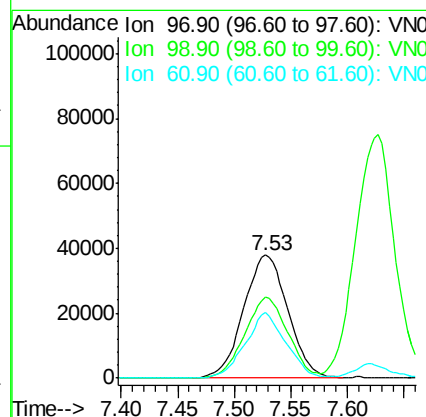
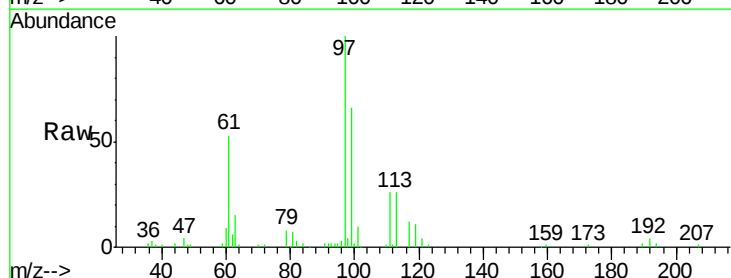
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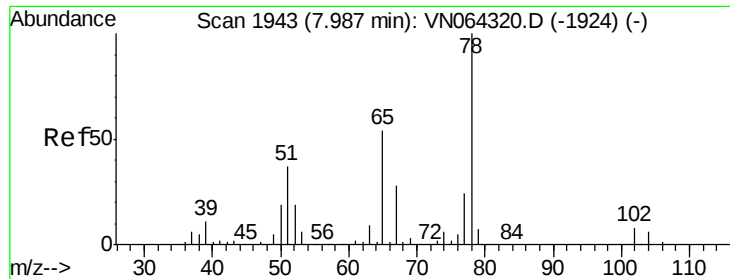
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#32
1,1,1-Trichloroethane
Concen: 19.341 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	76.0
61	48.5	35.8	53.6





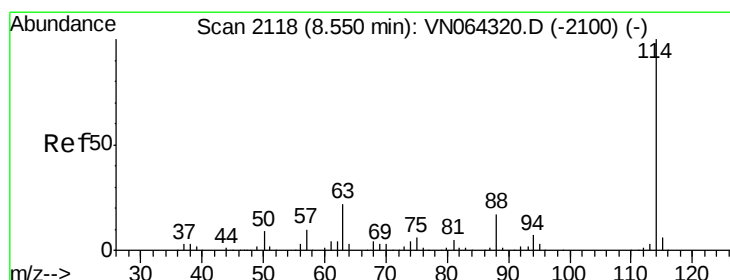
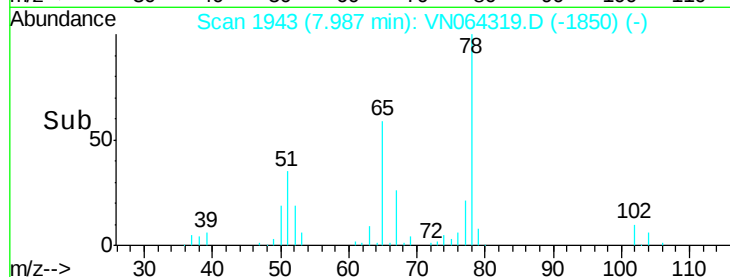
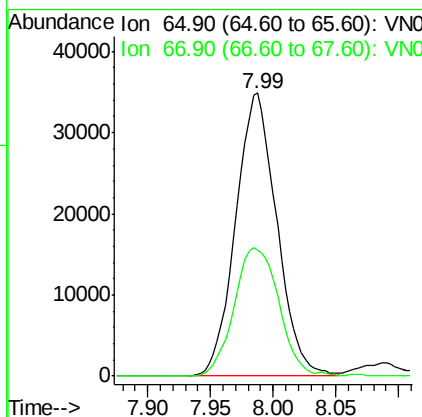
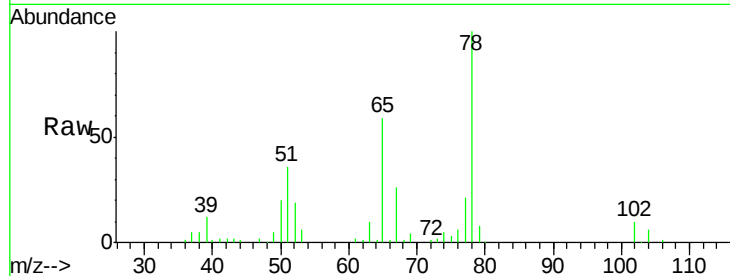
#33
 1,2-Dichloroethane-d4
 Concen: 20.241 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

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

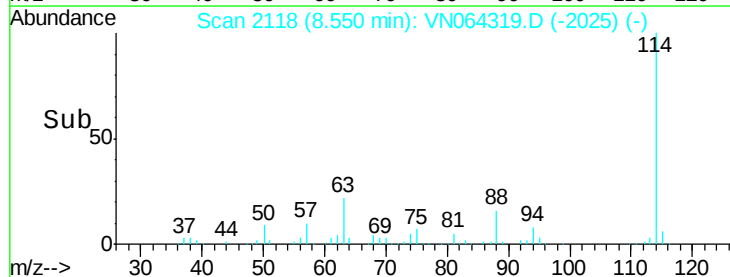
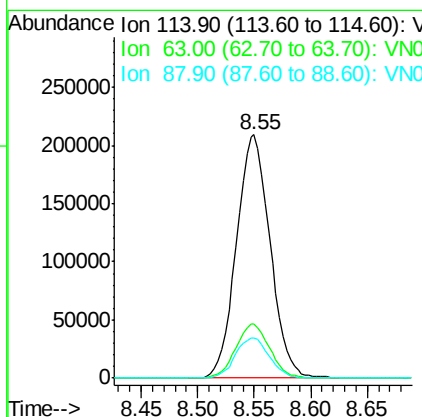
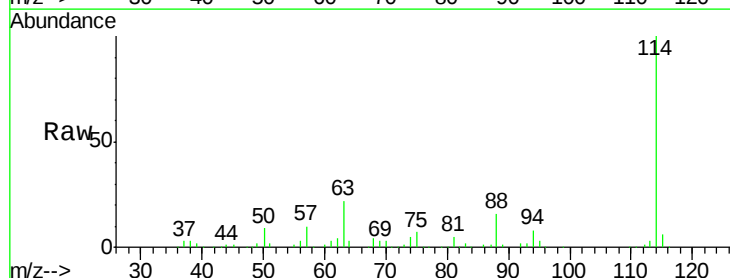
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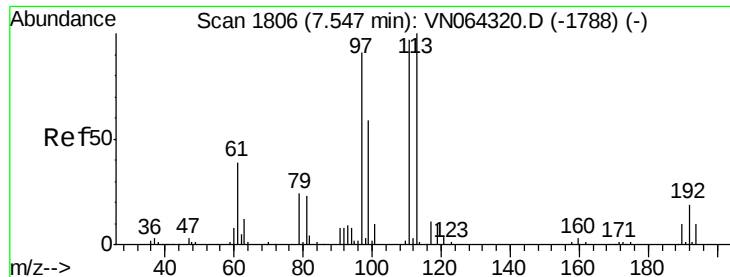
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

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





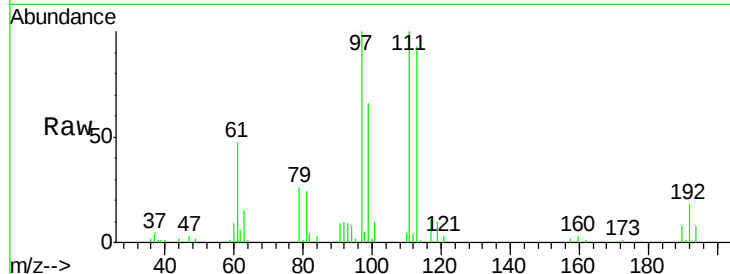
#35
 Dibromofluoromethane
 Concen: 18.263 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

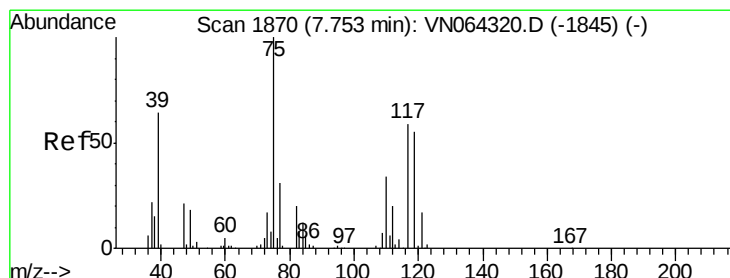
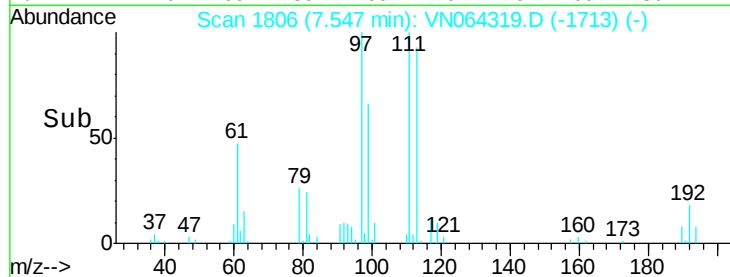
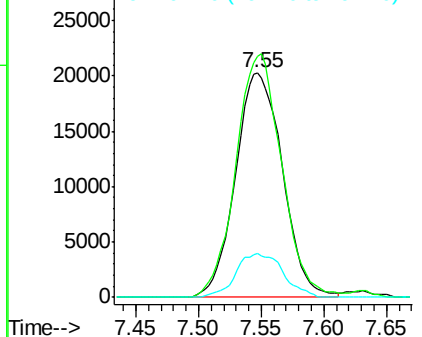
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.4	81.5	122.3
192	19.4	15.0	22.4

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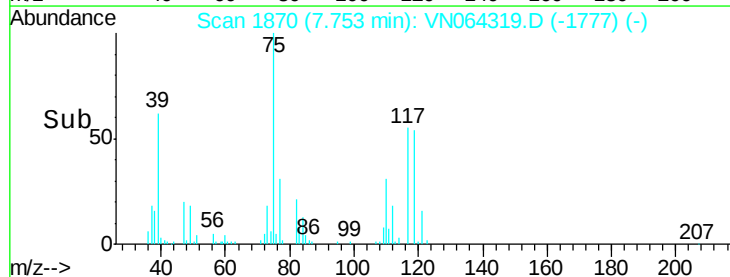
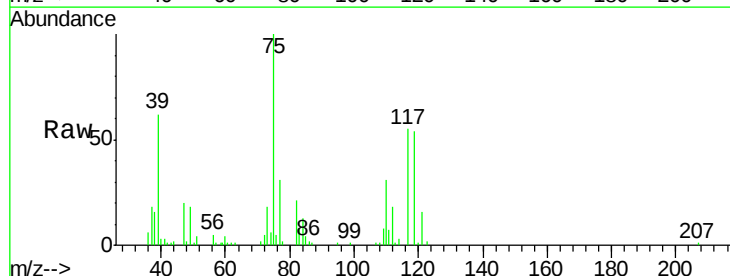
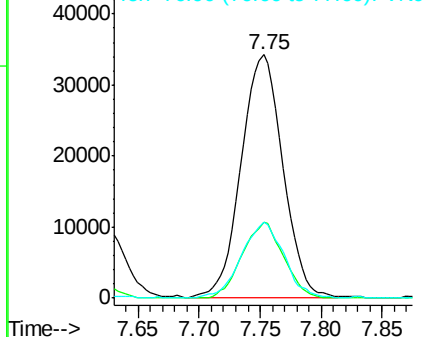
Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

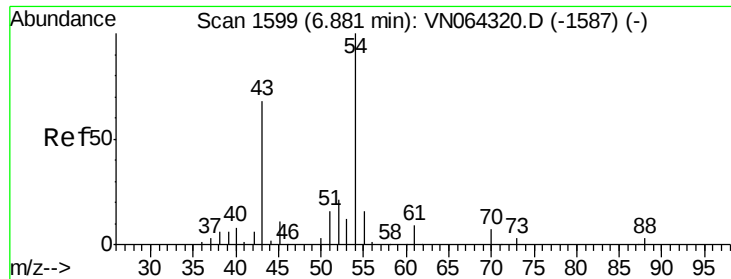


#36
 1,1-Dichloropropene
 Concen: 18.744 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

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

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





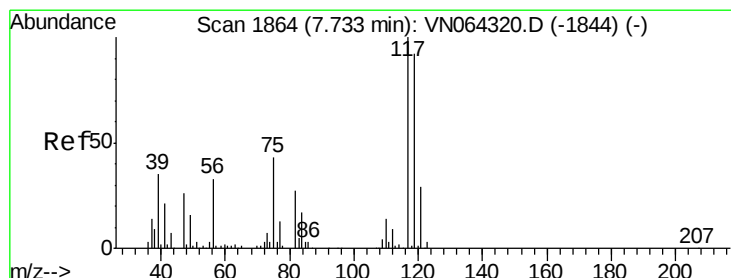
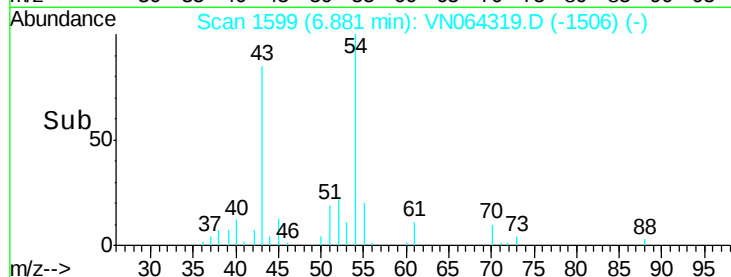
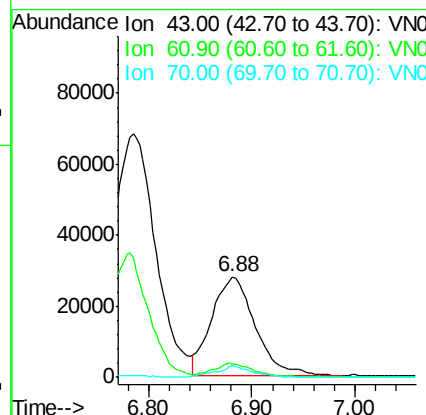
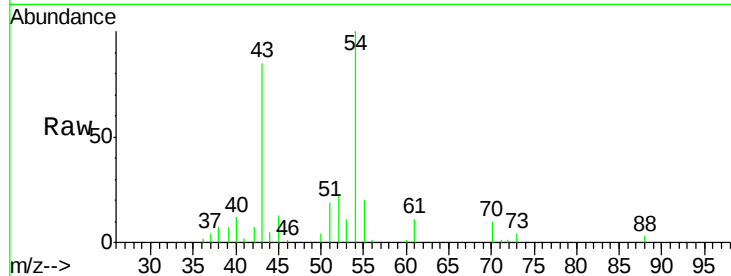
#37
Ethyl Acetate
Concen: 20.445 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

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

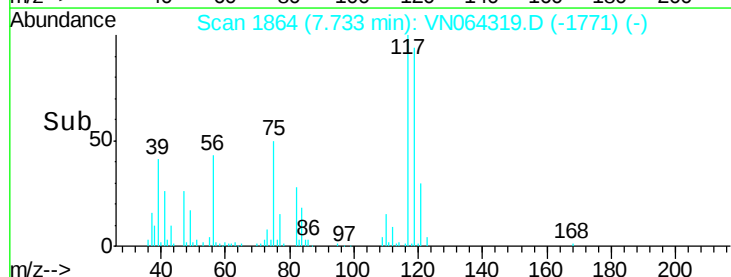
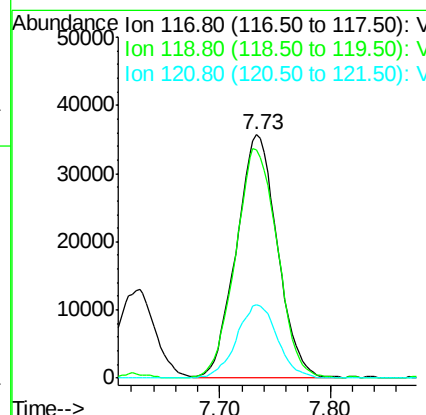
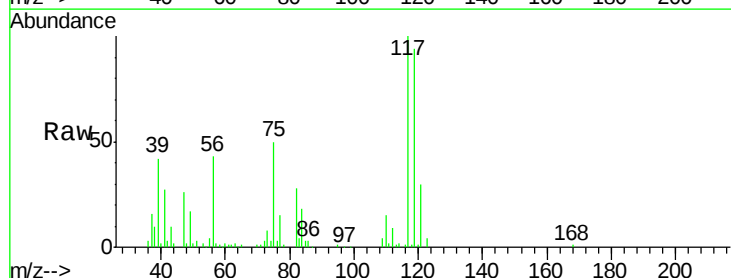
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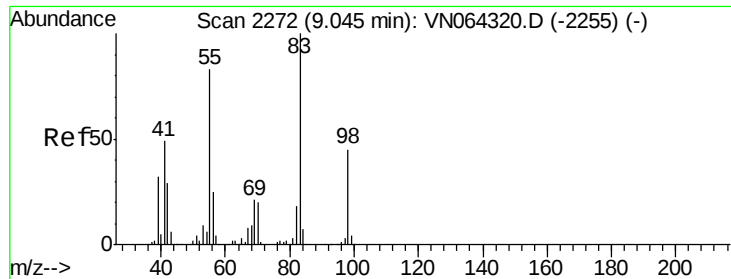
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#38
Carbon Tetrachloride
Concen: 18.548 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

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





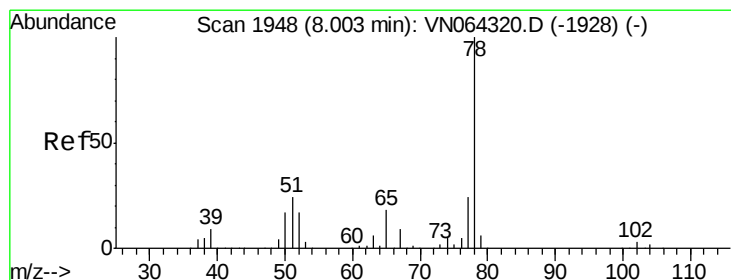
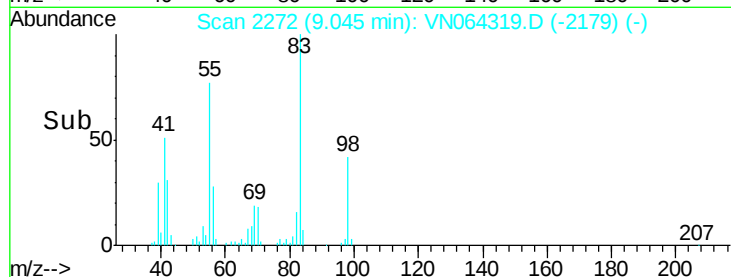
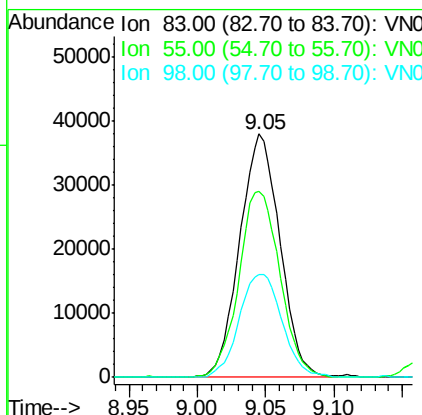
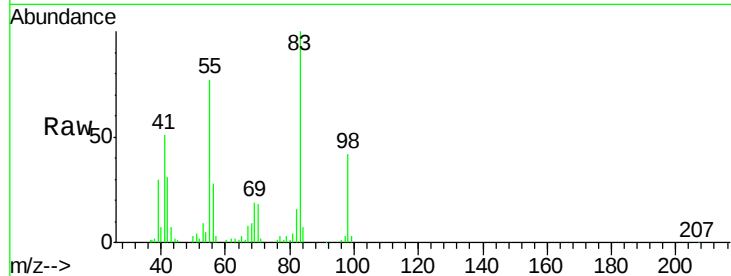
#39
Methvlcvclohexane
Concen: 19.540 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

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

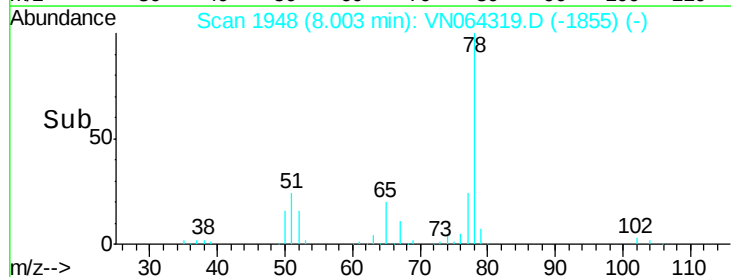
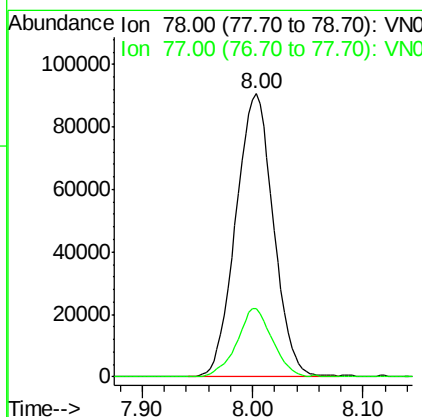
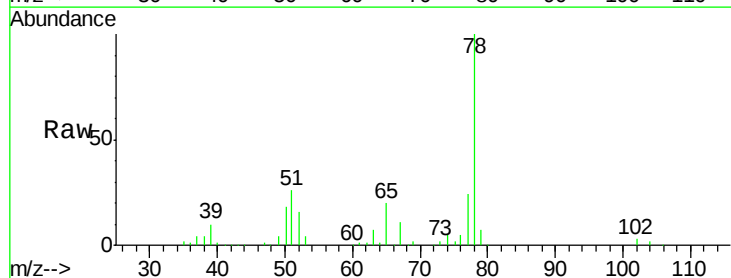
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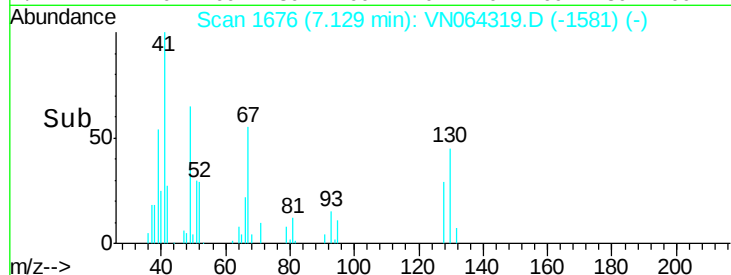
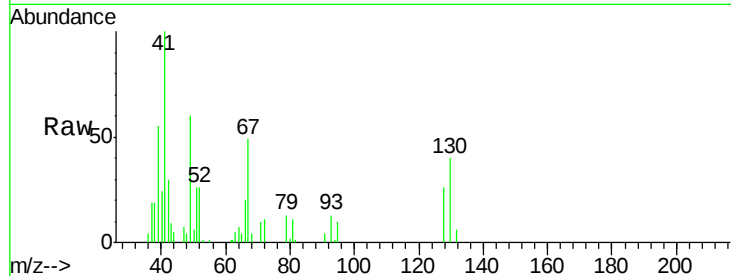
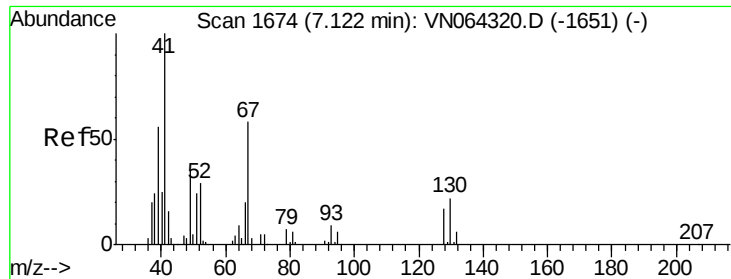
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#40
Benzene
Concen: 17.881 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





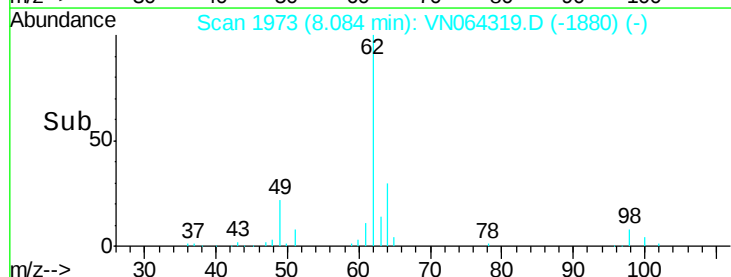
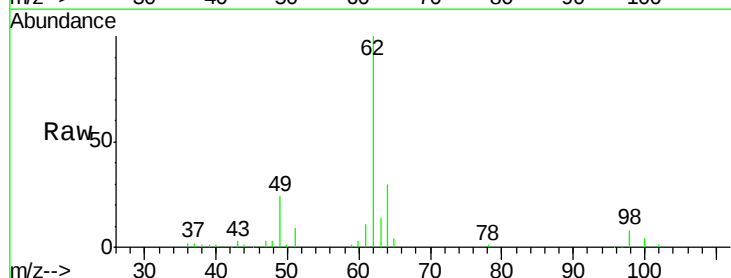
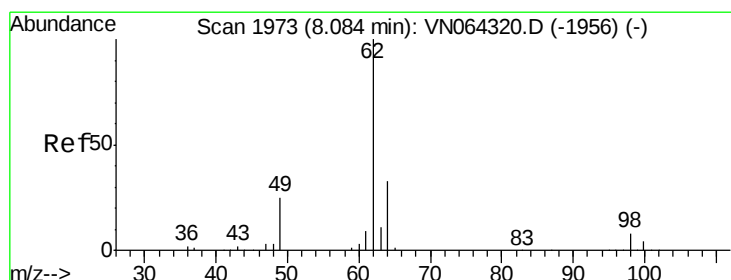
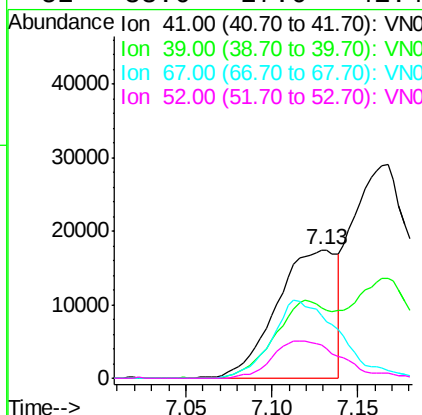
#41
Methacrylonitrile
Concen: 20.283 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

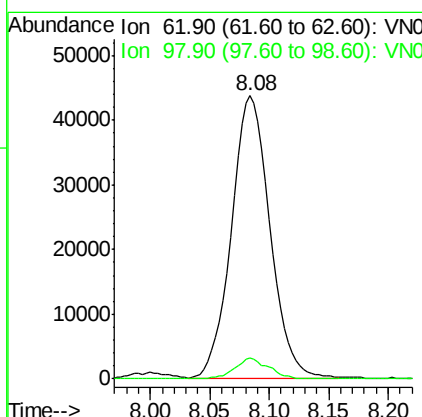
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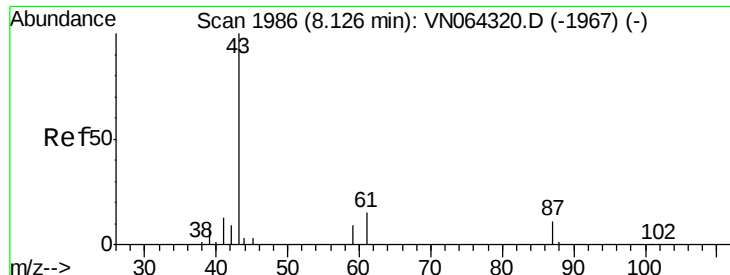
MMDadoda
10/28/2020 12:35:25 PM



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

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





#43

Isopropyl Acetate

Concen: 18.310 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

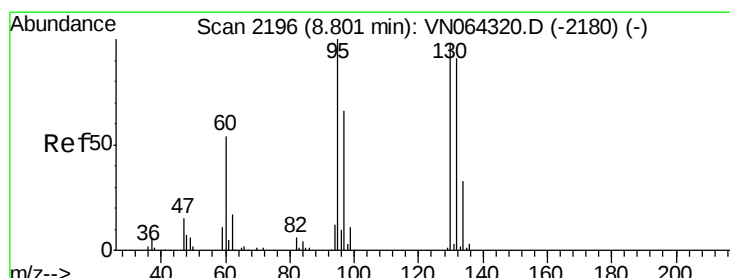
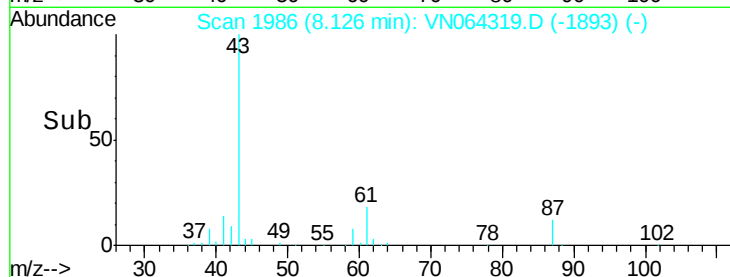
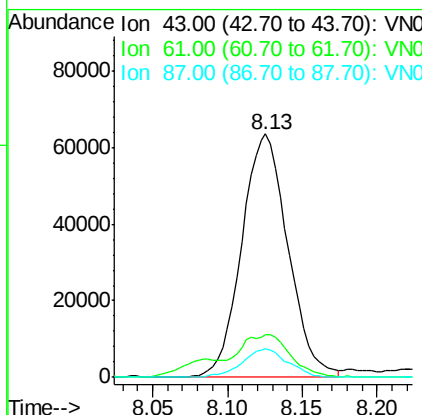
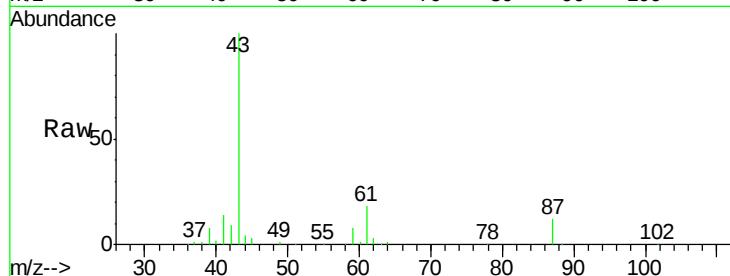
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	135686
Ion	Ratio	Lower	Upper
43	100		
61	18.8	19.1	28.7#
87	11.6	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 18.203 ug/l

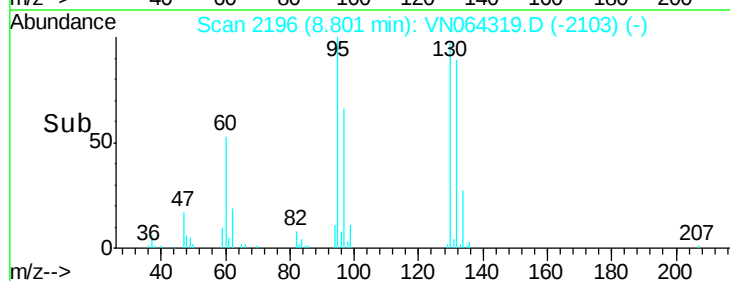
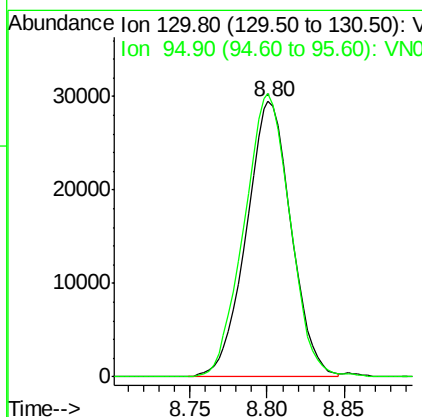
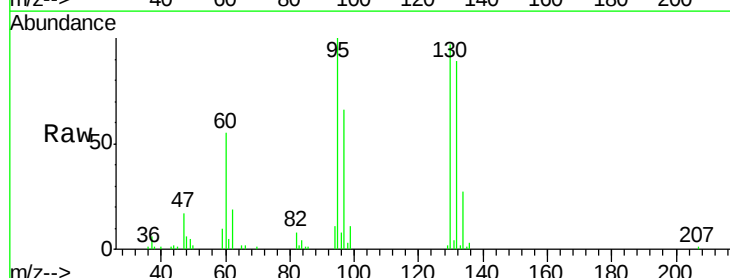
RT: 8.80 min Scan# 2196

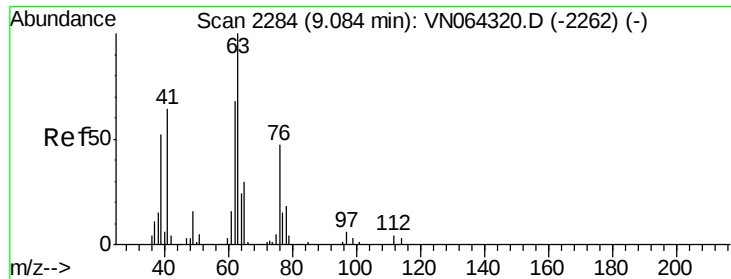
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion:	130	Resp:	59514
Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	203.6





#45

1,2-Dichloropropane

Concen: 18.621 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 59453

Ion Ratio Lower Upper

63 100

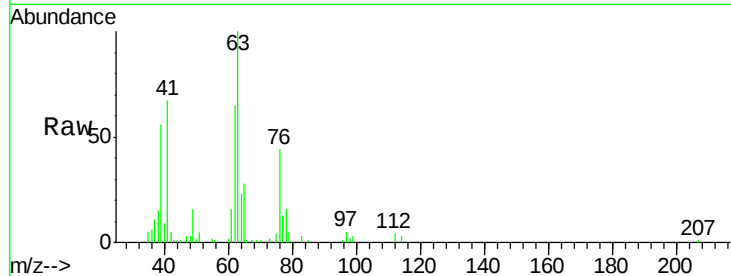
65 27.8 24.3 36.5

Manual Integrations

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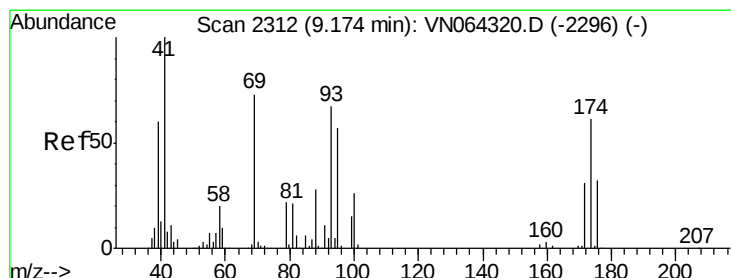
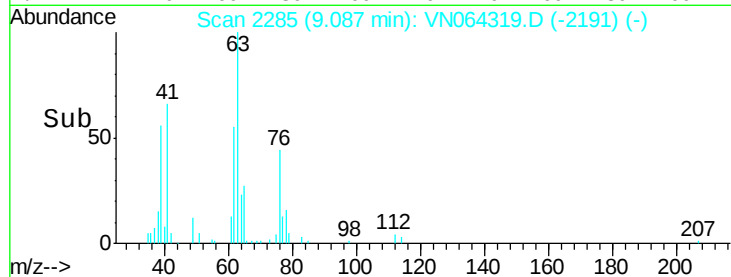
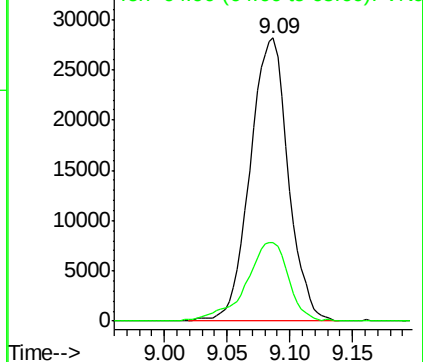
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.412 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

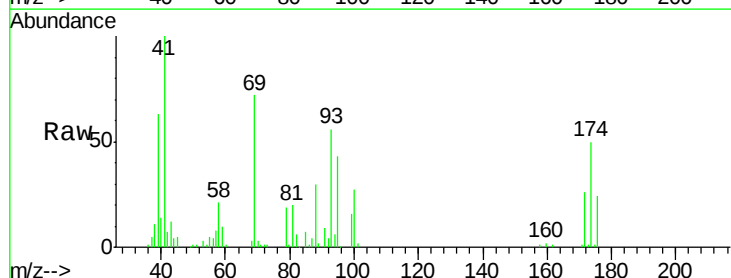
Tgt Ion: 93 Resp: 41959

Ion Ratio Lower Upper

93 100

95 80.9 64.4 96.6

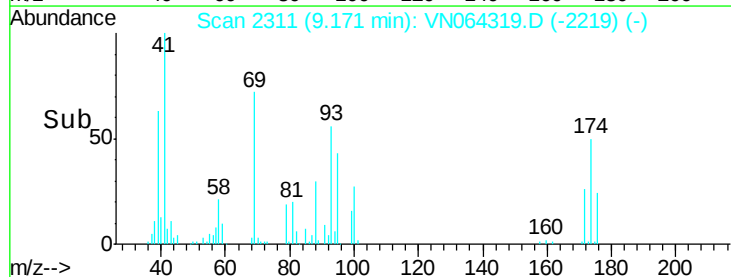
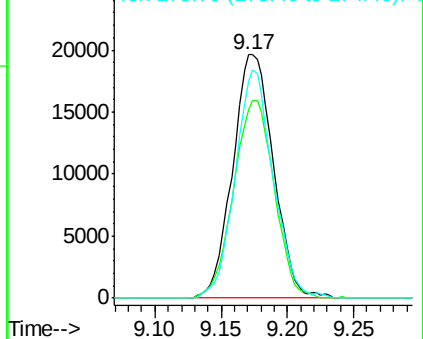
174 87.0 71.4 107.0

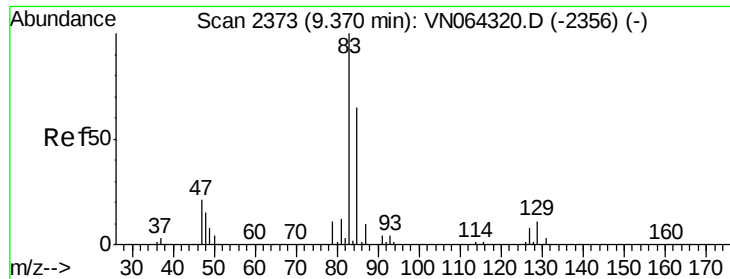


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.513 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

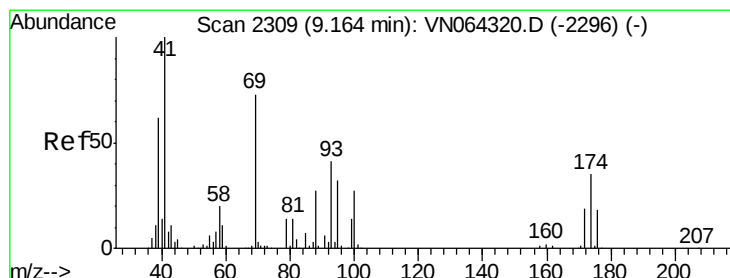
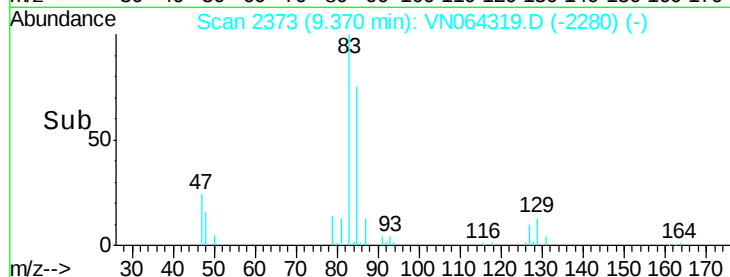
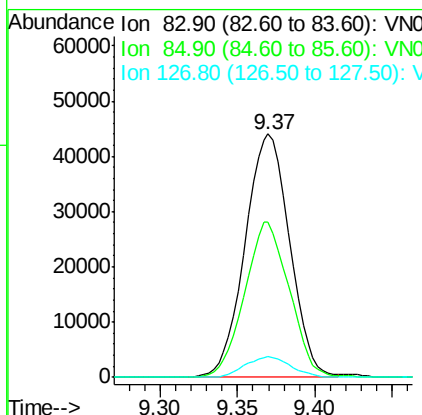
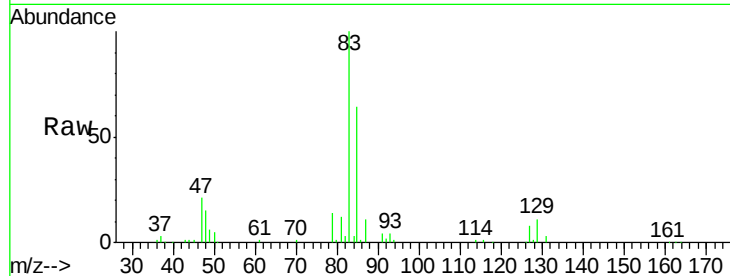
ClientSampleId :

VSTDIC020

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

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#48

Methyl methacrylate

Concen: 17.936 ug/l

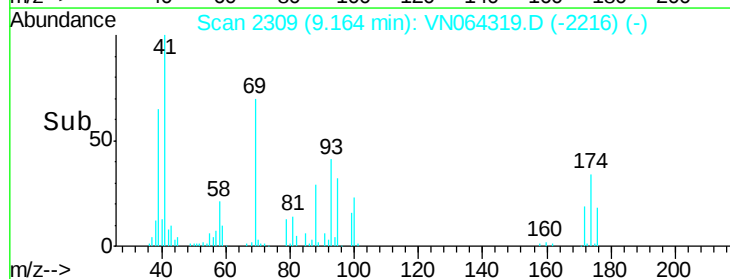
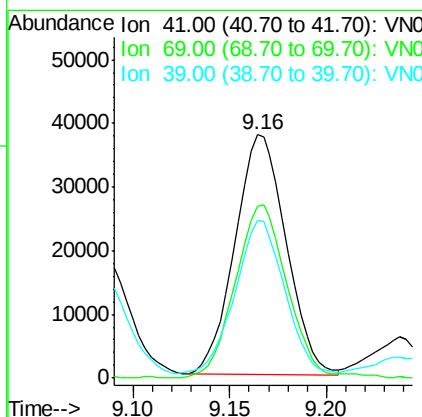
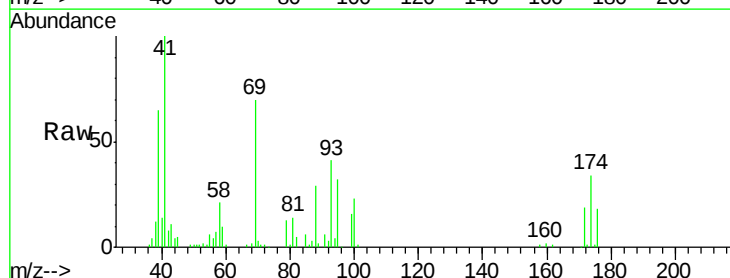
RT: 9.16 min Scan# 2309

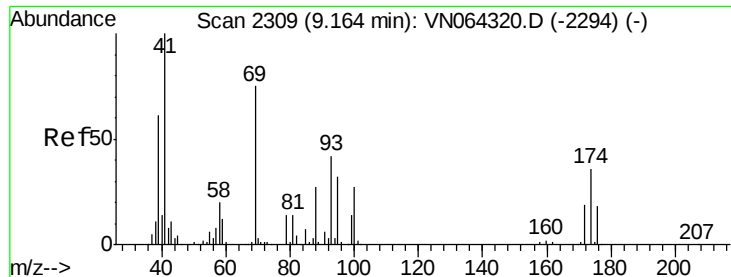
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

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





#49

1,4-Dioxane

Concen: 488.816 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

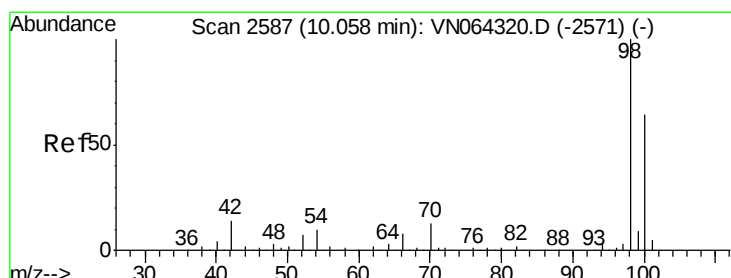
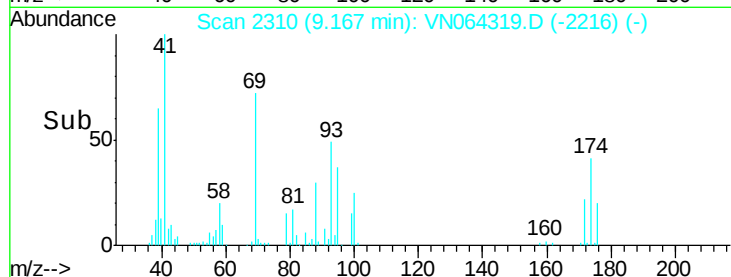
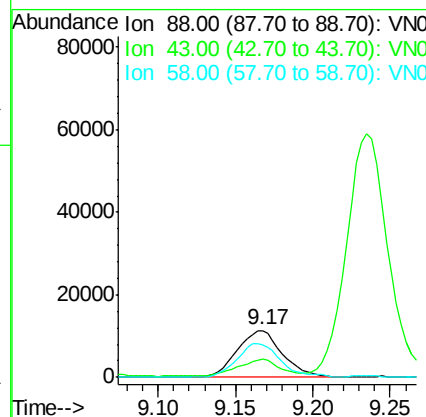
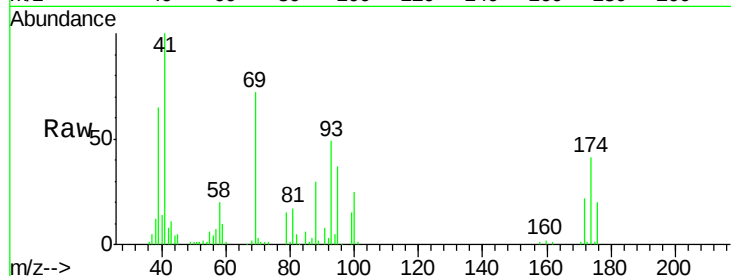
ClientSampleId :

VSTDIC020

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

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#50

Toluene-d8

Concen: 18.669 ug/l

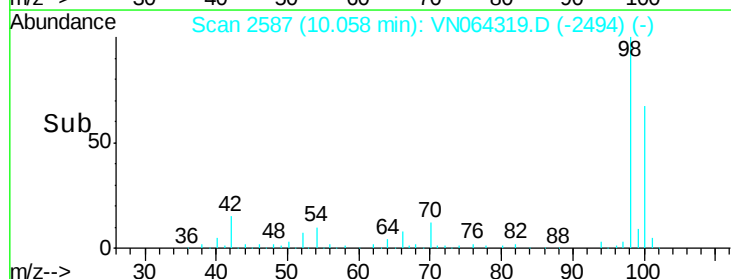
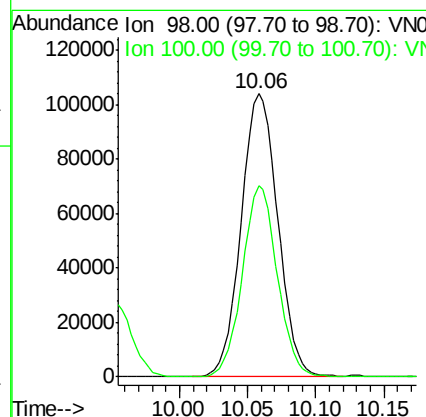
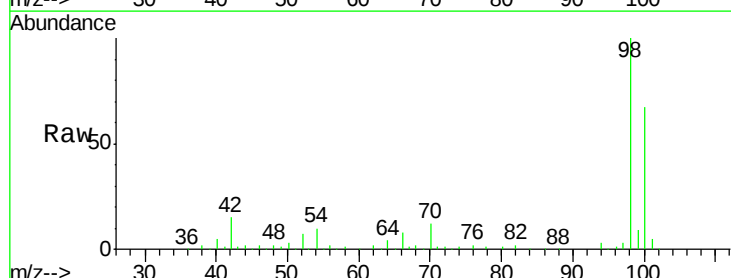
RT: 10.06 min Scan# 2587

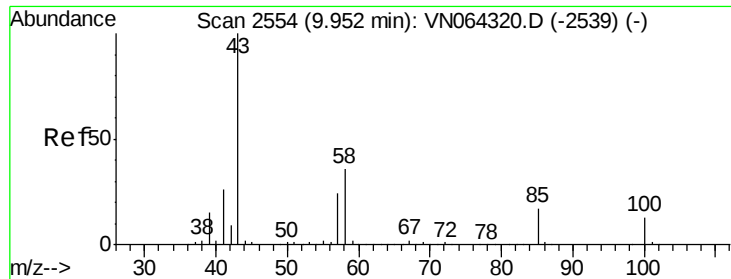
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

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





#51

4-Methyl-2-Pentanone

Concen: 102.161 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 409361

Ion Ratio Lower Upper

43 100

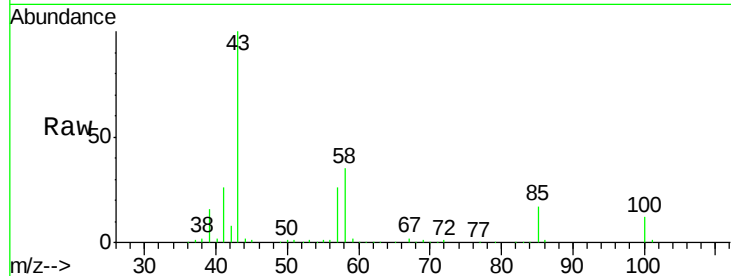
58 34.9 28.6 42.8

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

100000

50000

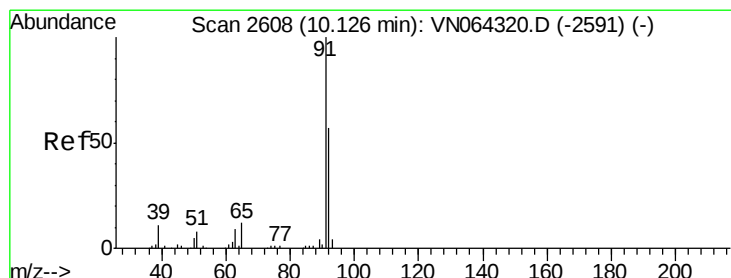
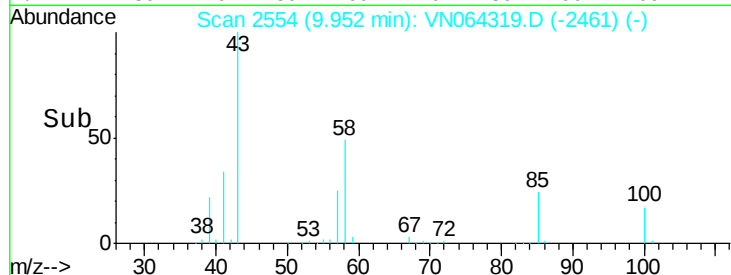
0

9.95

9.90

10.00

Time-->



#52

Toluene

Concen: 17.559 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064319.D

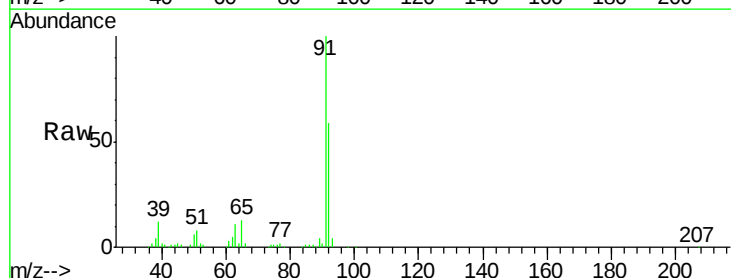
Acq: 27 Oct 2020 10:53

Tgt Ion: 92 Resp: 134307

Ion Ratio Lower Upper

92 100

91 172.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

50000

0

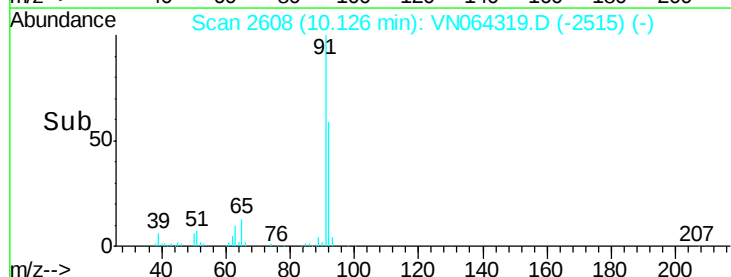
10.13

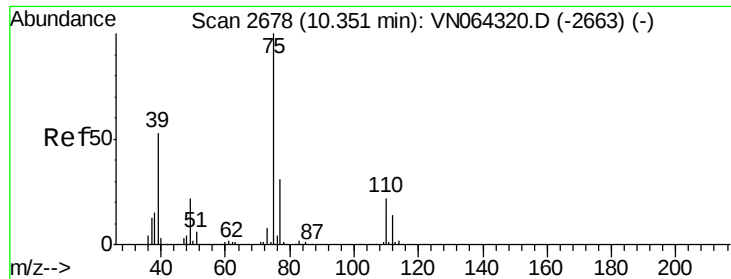
10.05

10.15

10.20

Time-->





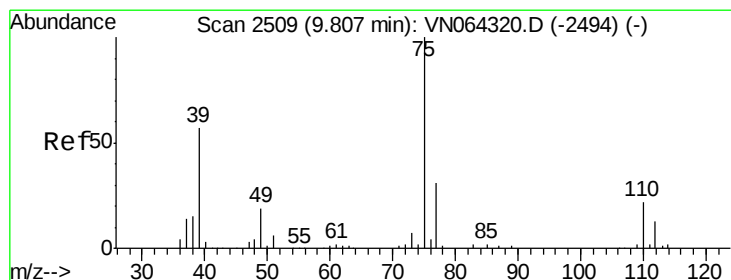
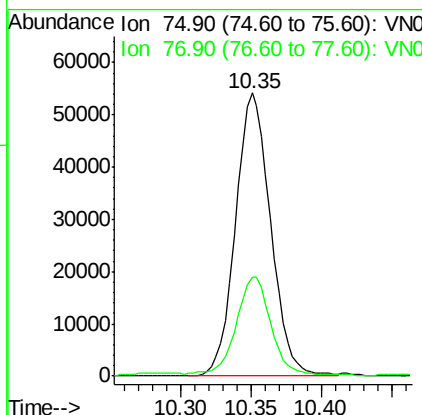
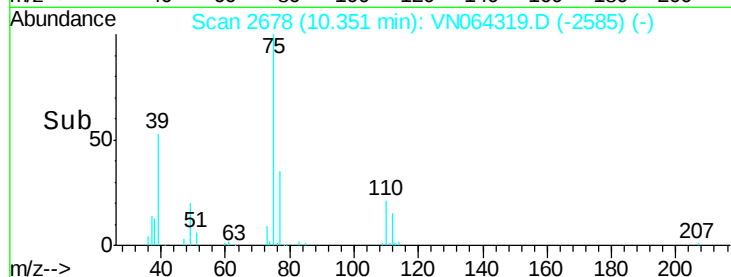
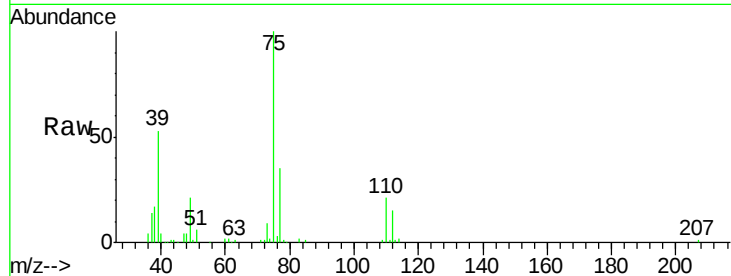
#53
t-1,3-Dichloropropene
Concen: 17.988 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

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

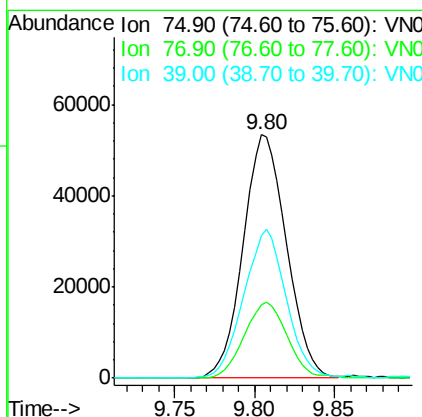
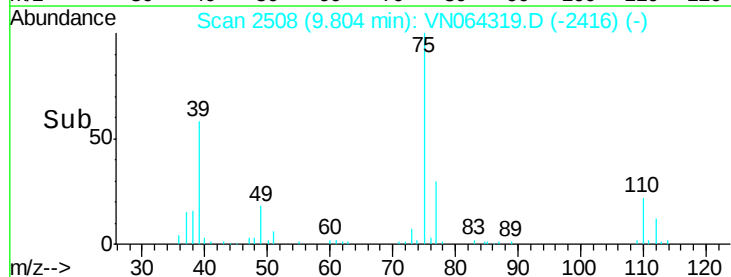
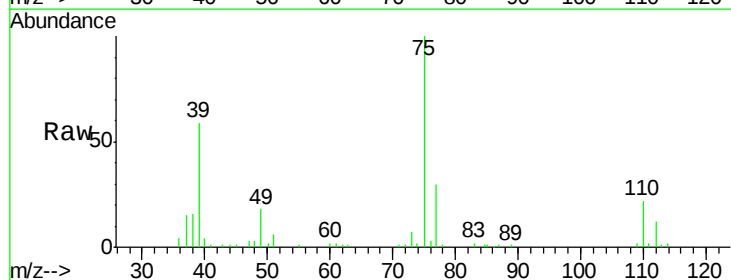
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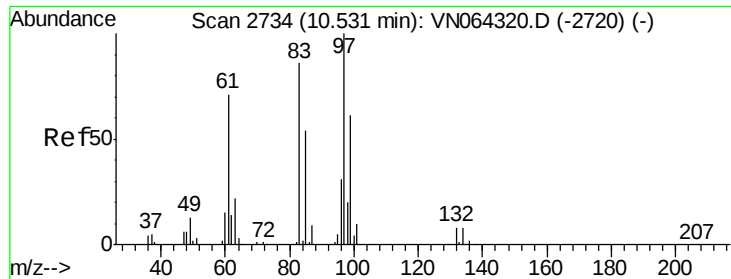
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#54
cis-1,3-Dichloropropene
Concen: 17.824 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

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





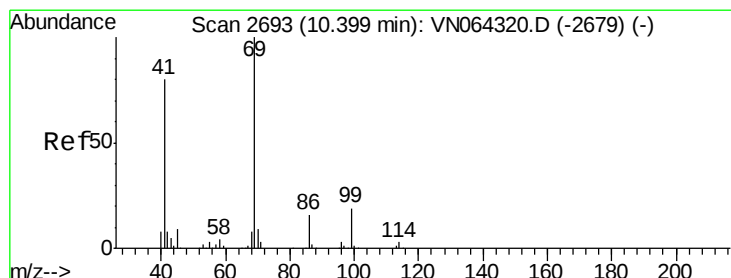
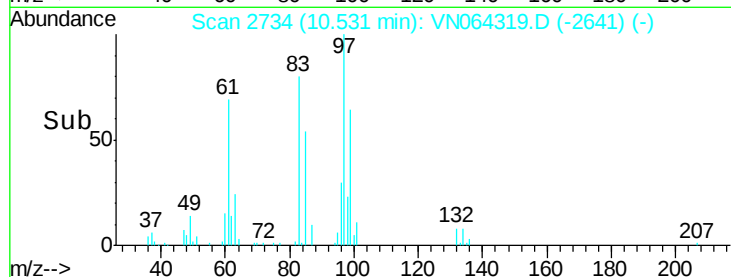
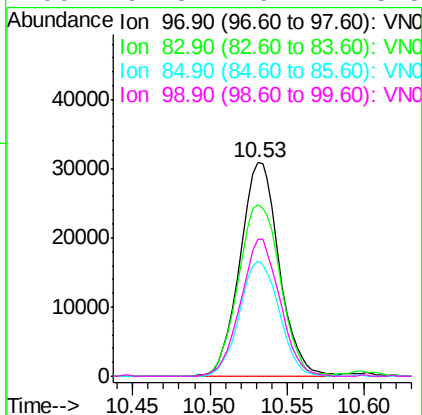
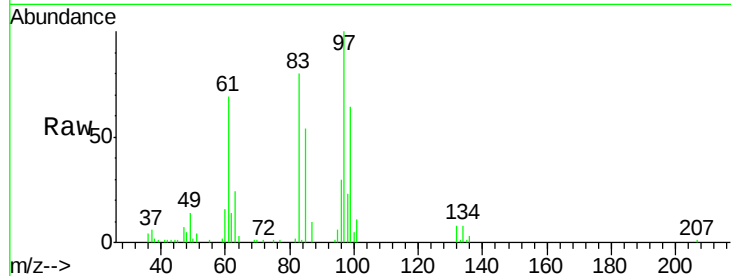
#55
 1,1,2-Trichloroethane
 Concen: 18.824 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	54644
Ion	Ratio	Lower	Upper
97	100		
83	80.1	68.9	103.3
85	53.7	43.6	65.4
99	64.3	49.2	73.8

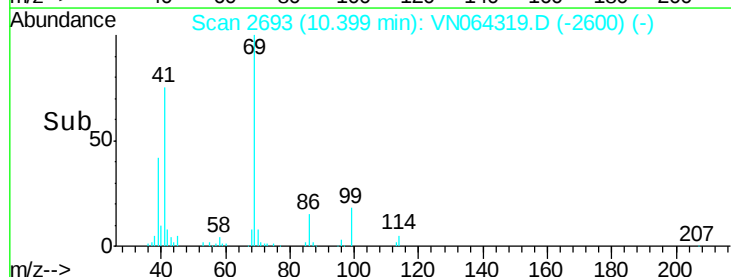
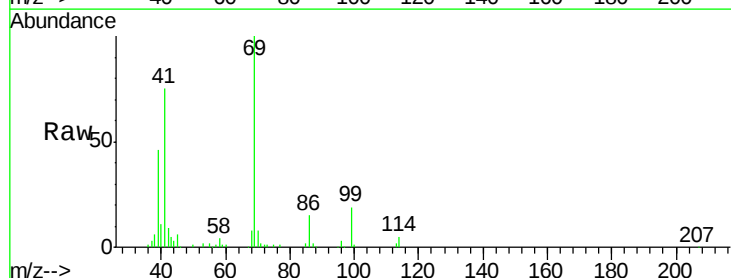
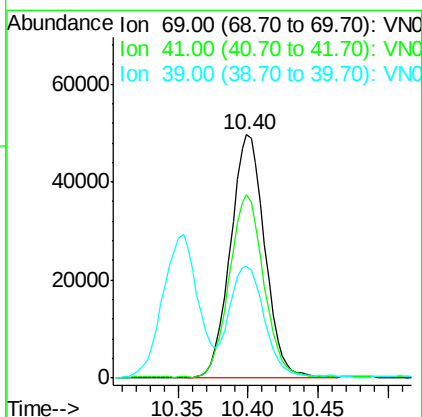
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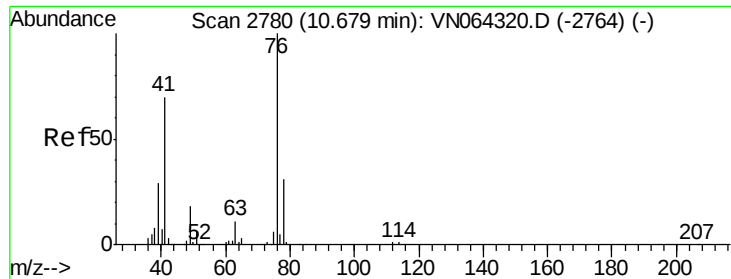
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#56
 Ethyl methacrylate
 Concen: 18.903 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion:	69	Resp:	84917
Ion	Ratio	Lower	Upper
69	100		
41	74.5	61.4	92.2
39	46.4	36.5	54.7





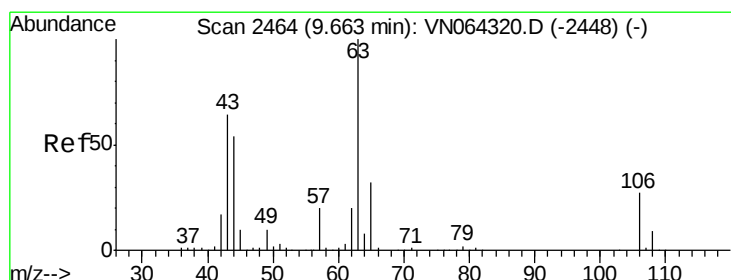
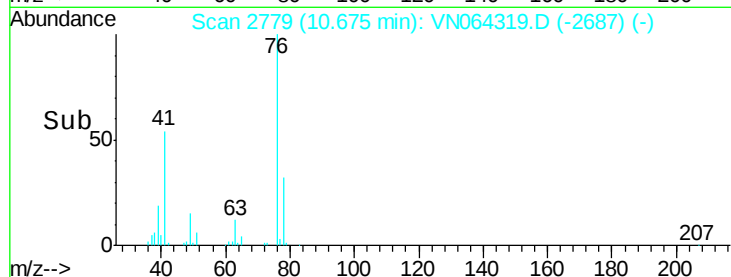
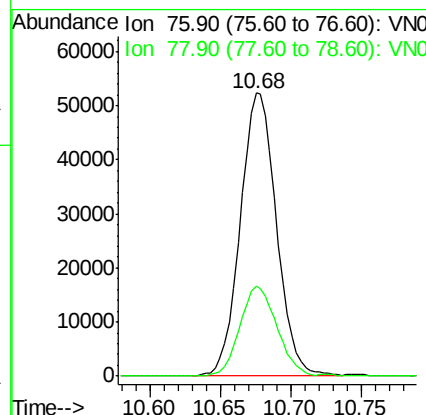
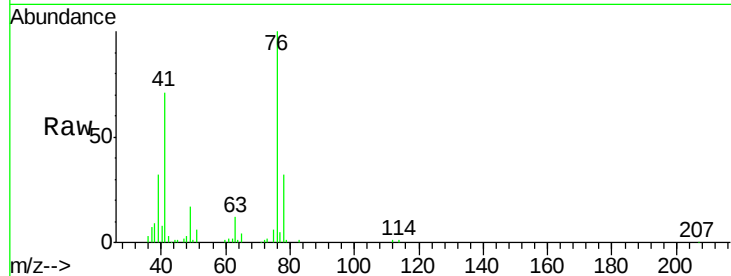
#57
 1,3-Dichloropropane
 Concen: 18.651 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

Tot Ion: 76 Resp: 94117
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6

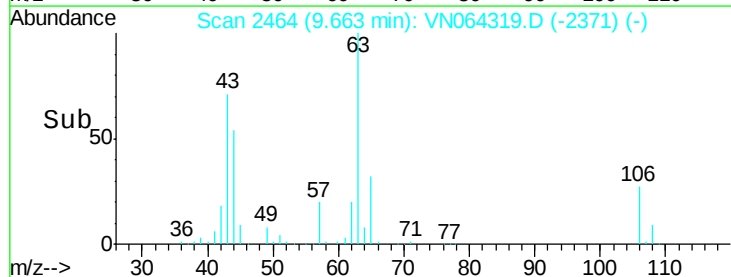
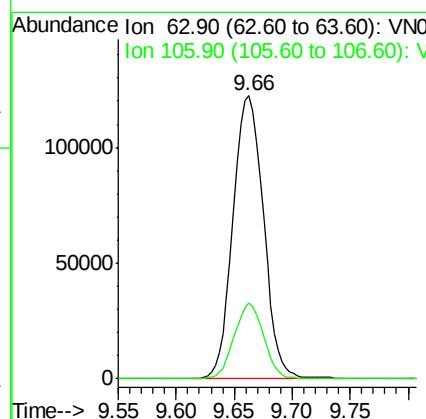
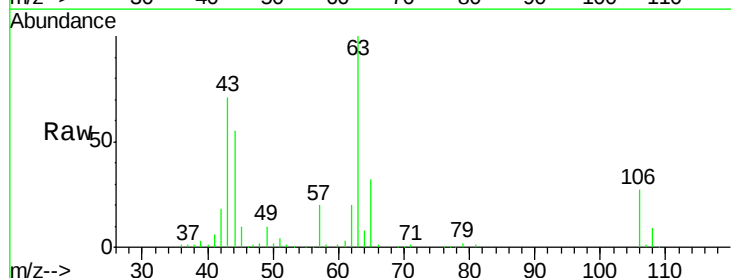
Manual Integrations
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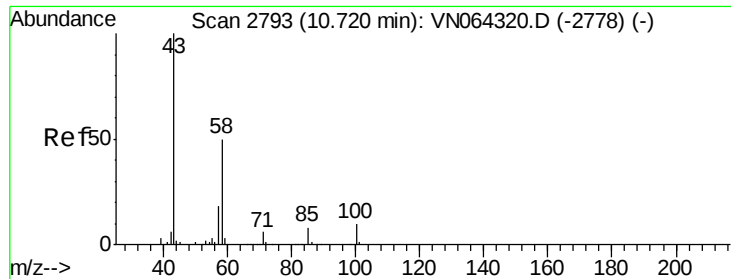
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.864 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 63 Resp: 223297
 Ion Ratio Lower Upper
 63 100
 106 26.0 21.0 31.4





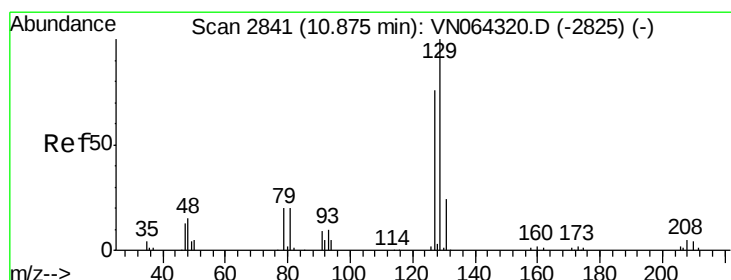
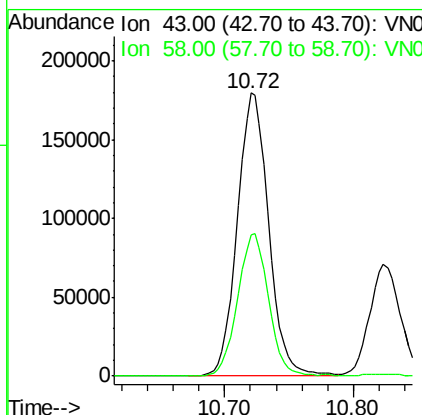
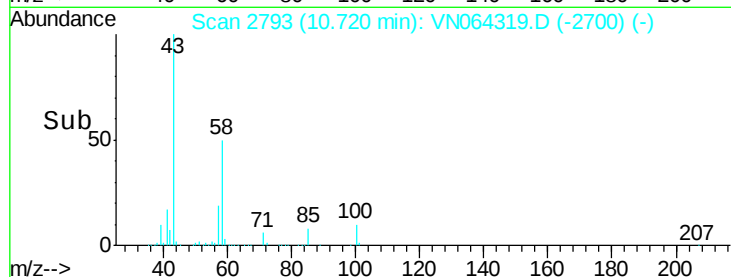
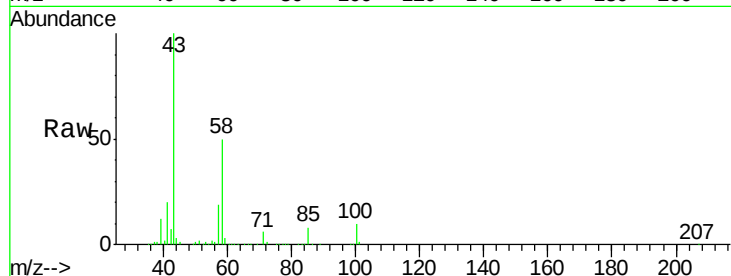
#59
2-Hexanone
Concen: 103.163 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

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

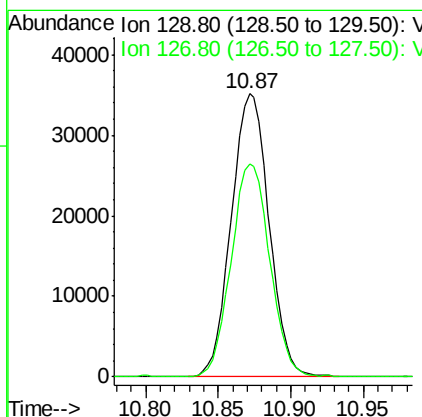
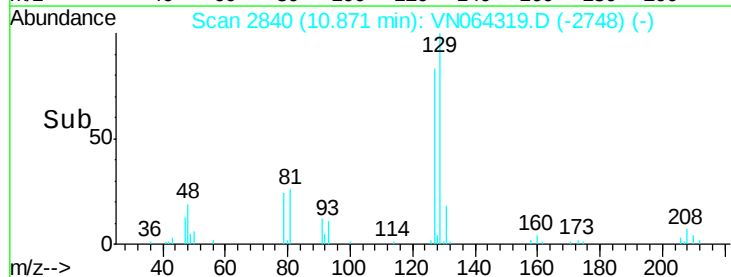
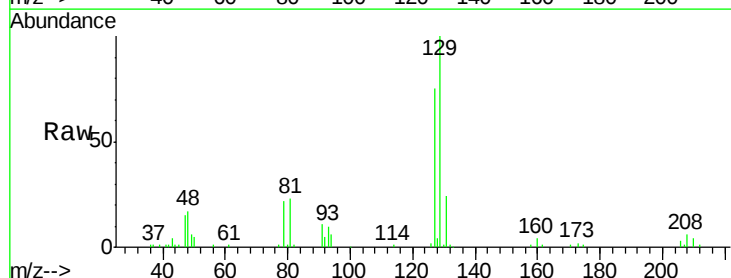
Manual Integrations
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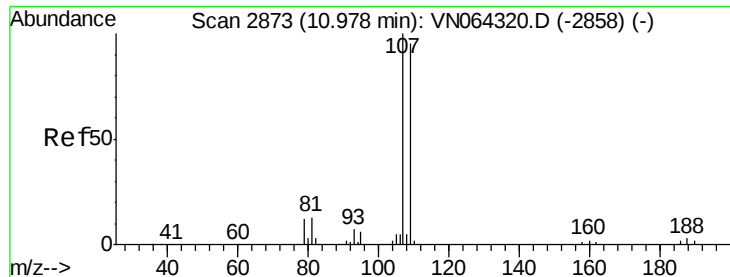
MMDadoda
10/28/2020 12:35:25 PM



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

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





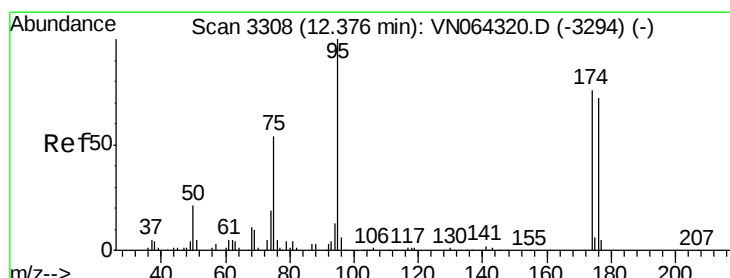
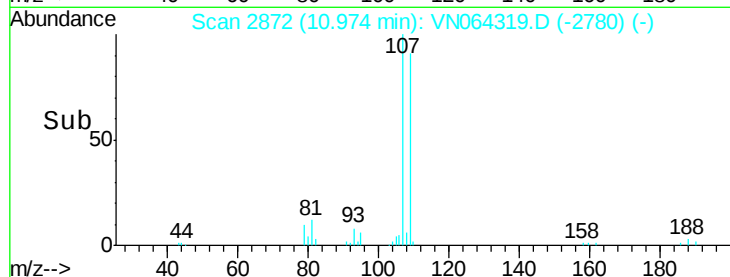
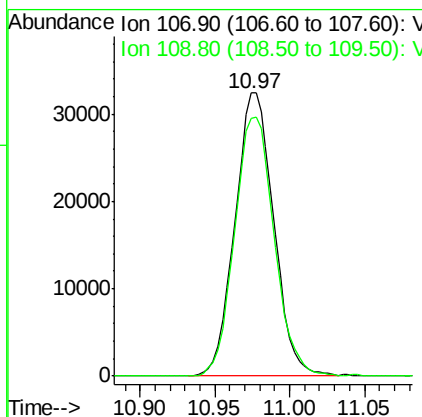
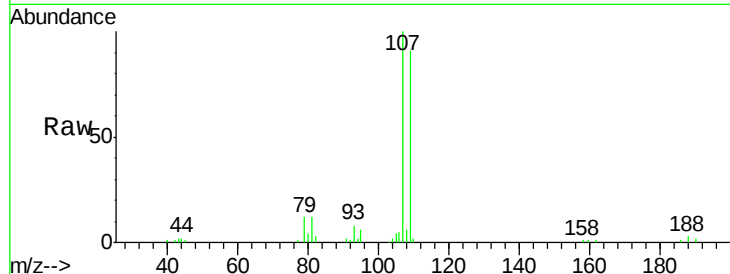
#61
 1,2-Dibromoethane
 Concen: 19.039 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 107 Resp: 58477
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.8 113.8

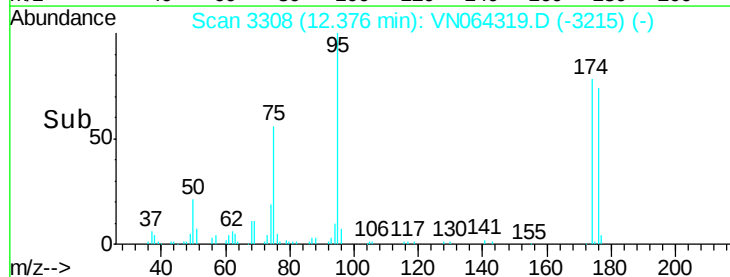
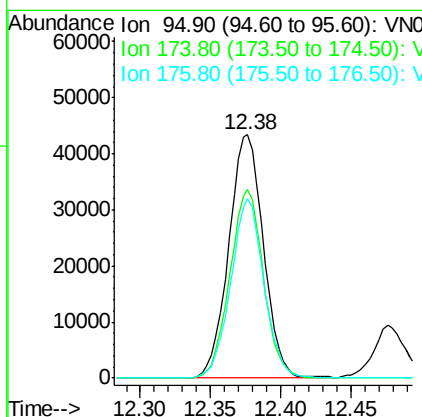
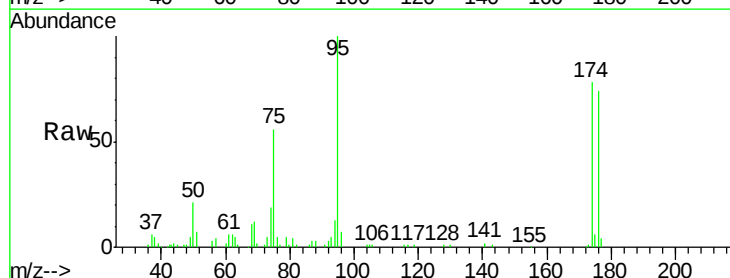
Manual Integrations
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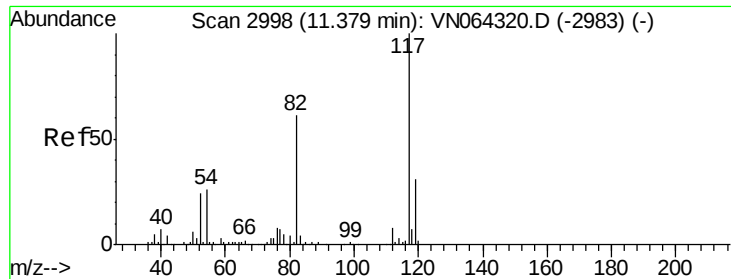
MMDadoda
 10/28/2020 12:35:25 PM



#62
 4-Bromofluorobenzene
 Concen: 17.616 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion: 95 Resp: 74501
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 147.4
 176 70.3 0.0 143.6





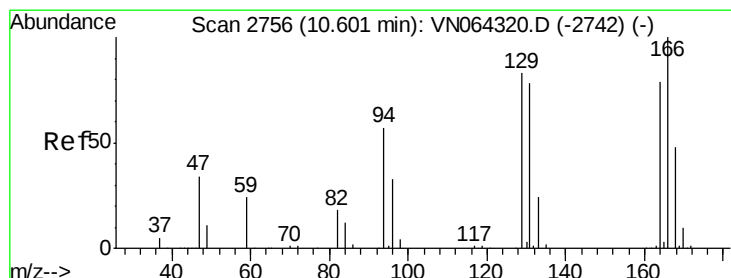
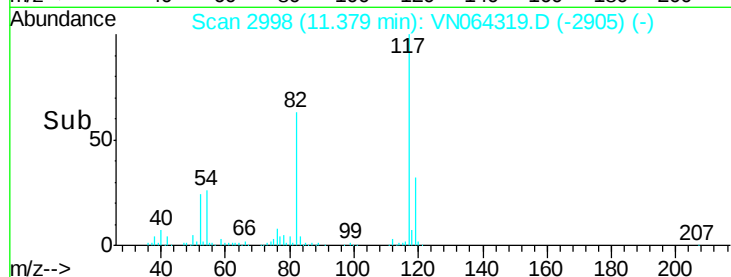
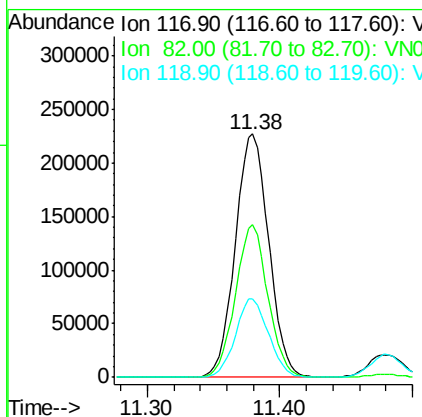
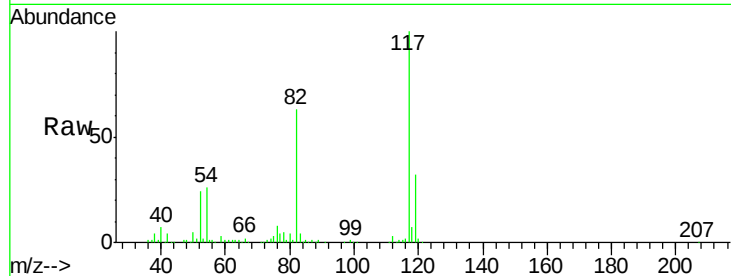
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

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

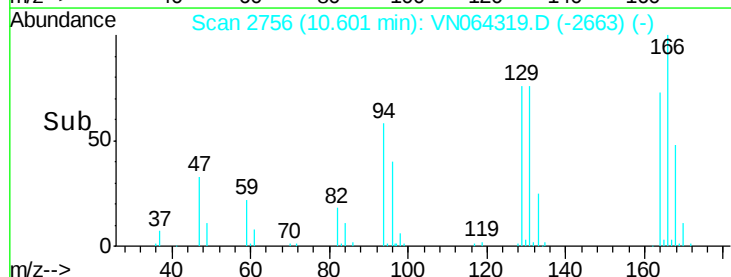
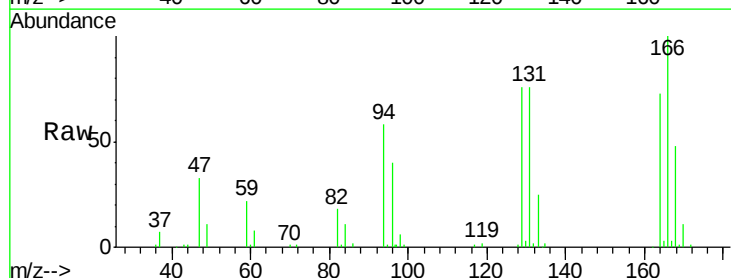
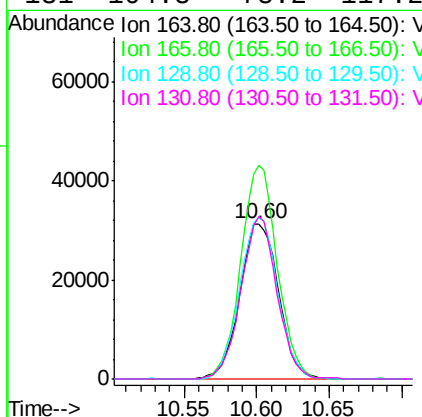
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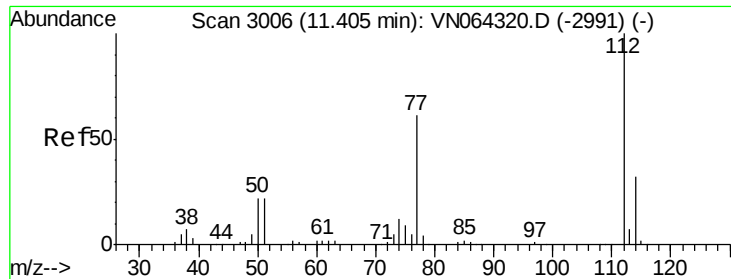
MMDadoda
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#64
Tetrachloroethene
Concen: 18.114 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

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





#65

Chlorobenzene

Concen: 17.709 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 145363

Ion Ratio Lower Upper

112 100

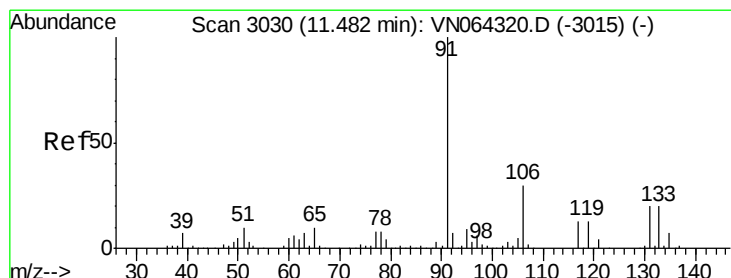
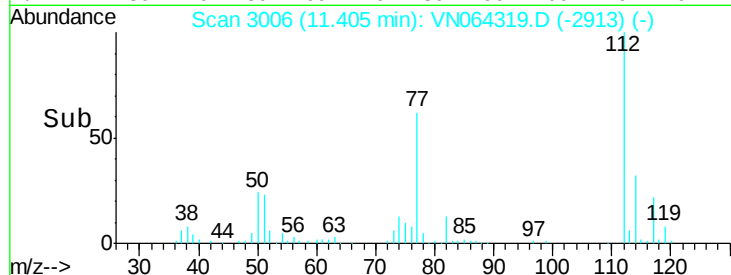
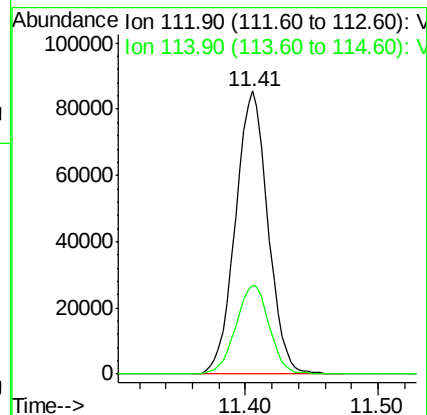
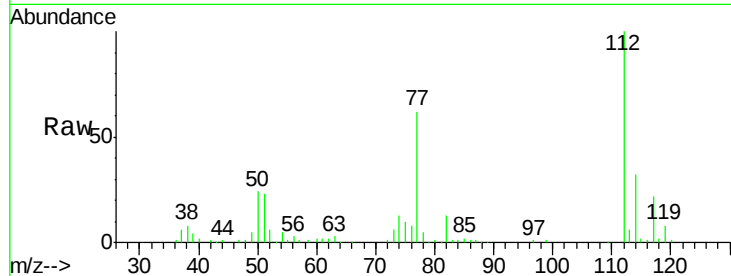
114 31.6 25.4 38.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 17.931 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

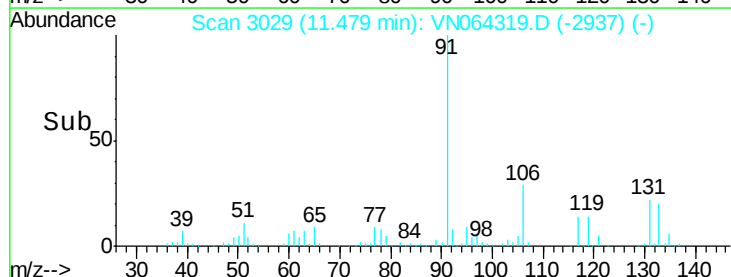
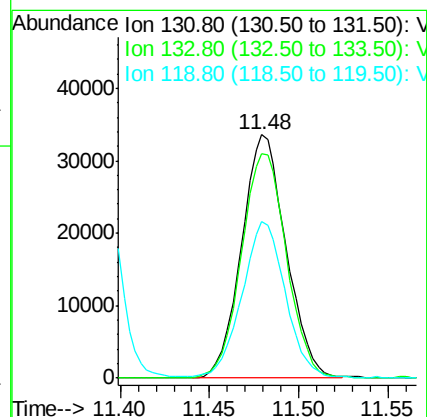
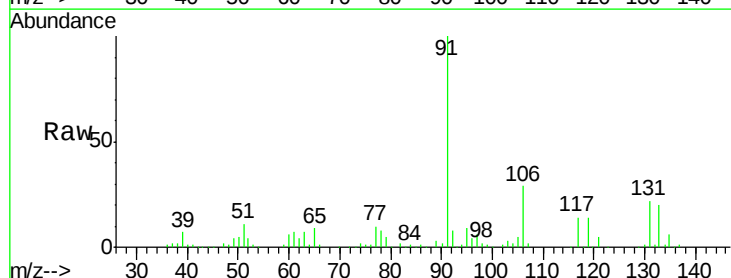
Tgt Ion:131 Resp: 58433

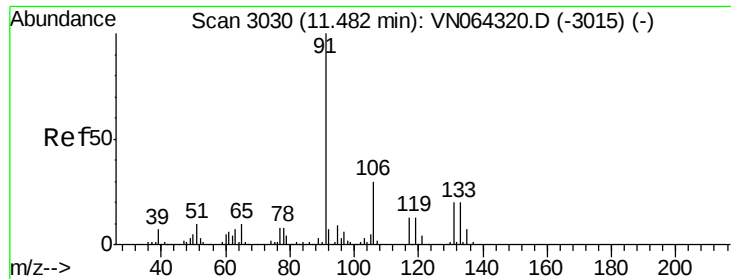
Ion Ratio Lower Upper

131 100

133 93.7 49.3 147.8

119 63.3 32.3 96.9





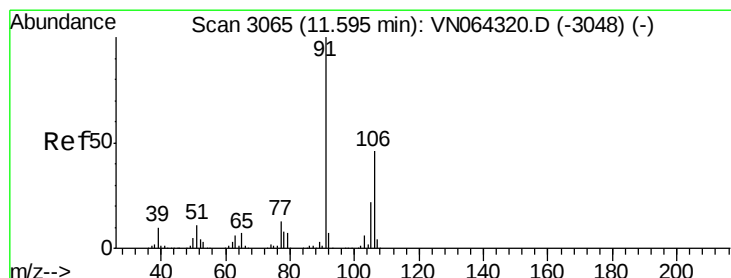
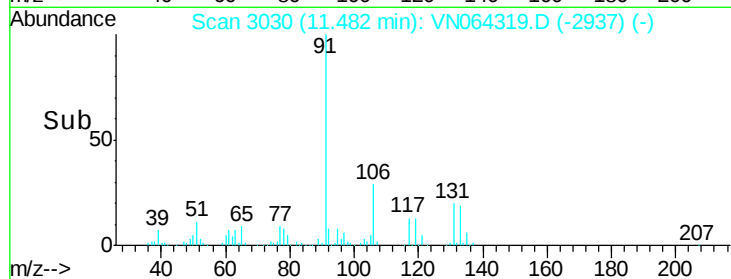
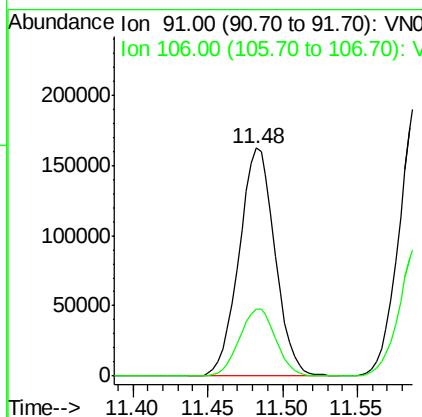
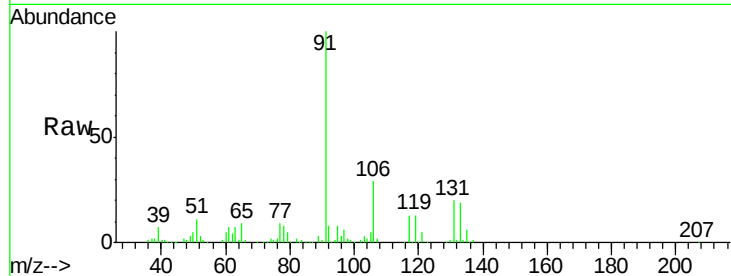
#67
Ethyl Benzene
Concen: 17.936 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	91	Resp	271137
Ion Ratio	Lower	Upper	
91	100		
106	29.2	23.7	35.5

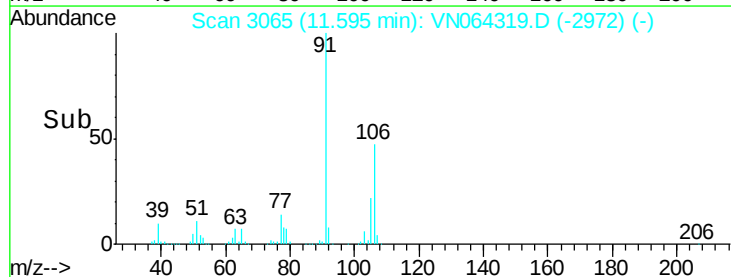
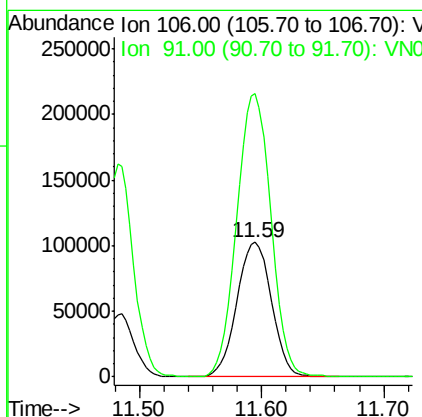
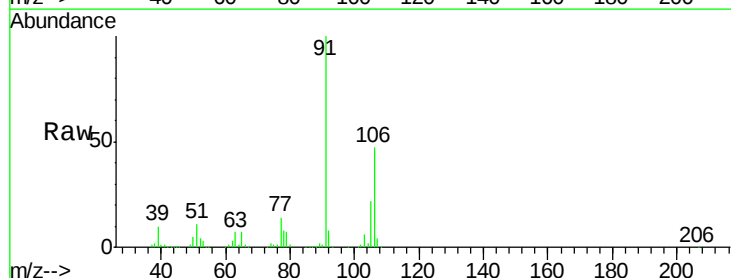
Manual Integrations
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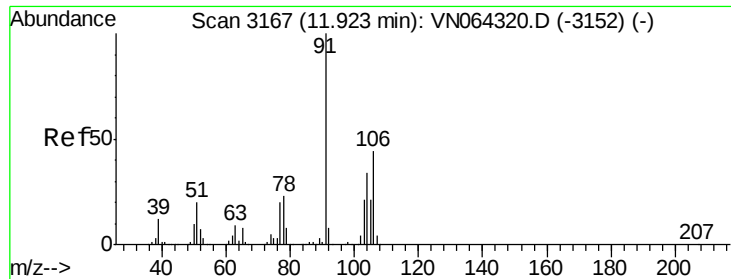
MMDadoda
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#68
m/p-Xylenes
Concen: 35.968 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion	106	Resp	201603
Ion Ratio	Lower	Upper	
106	100		
91	207.0	170.2	255.4





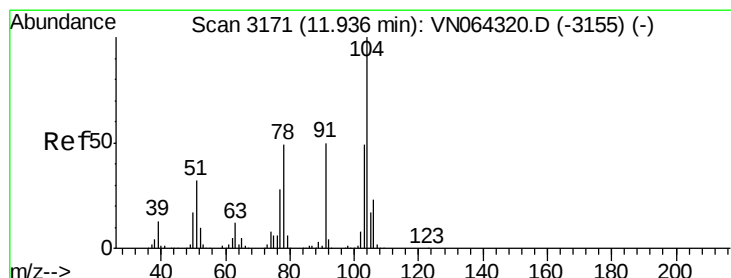
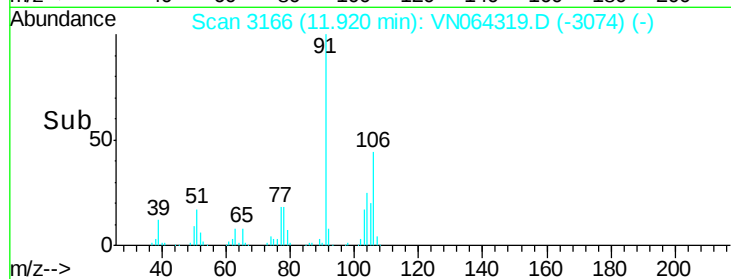
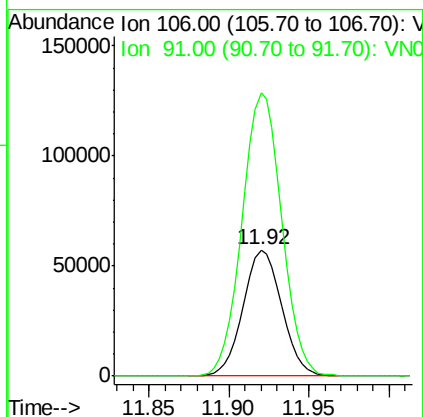
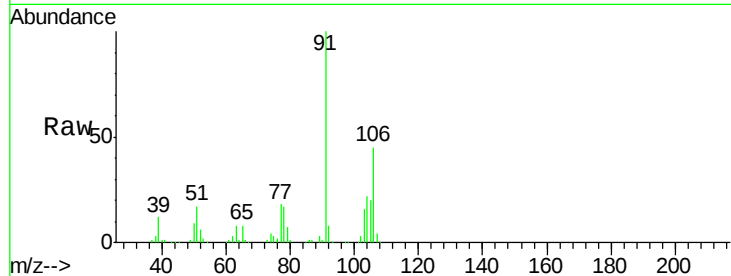
#69
o-Xylene
Concen: 17.535 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

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

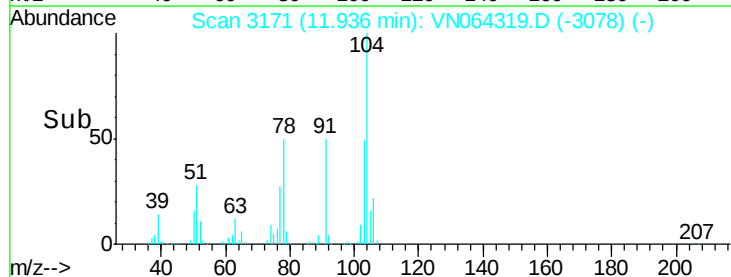
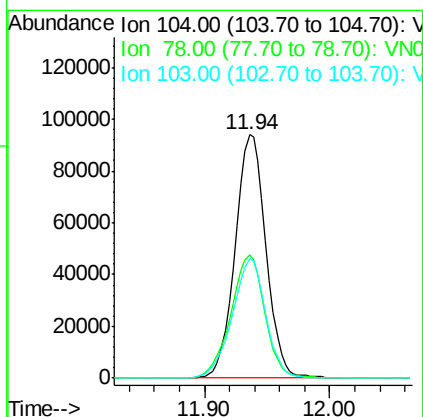
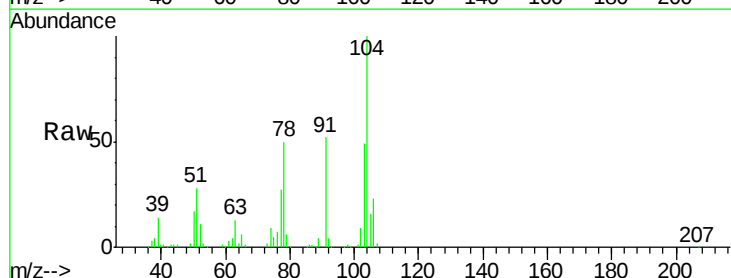
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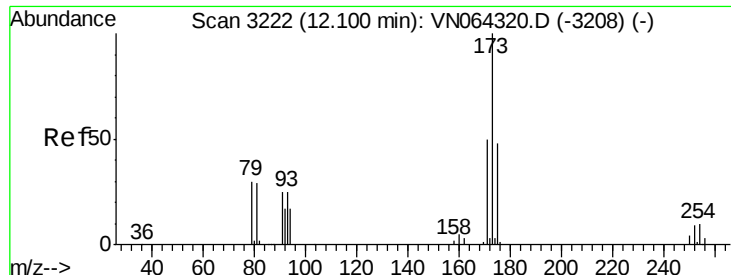
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#70
Styrene
Concen: 17.681 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

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





#71

Bromoform

Concen: 17.984 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

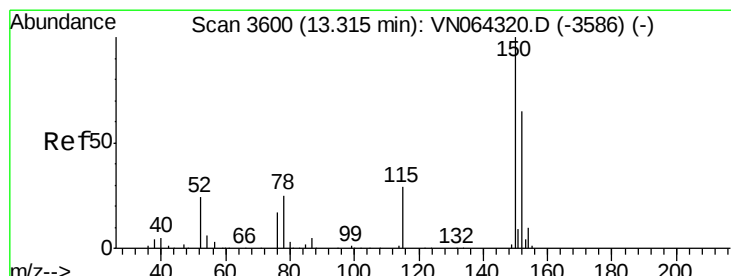
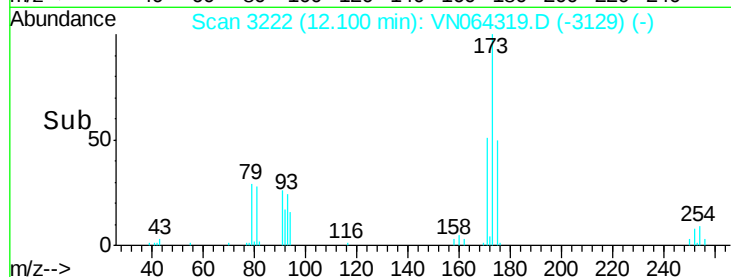
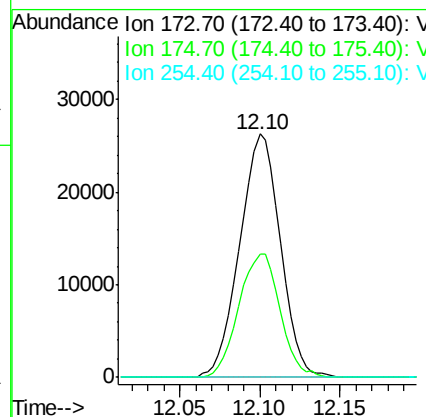
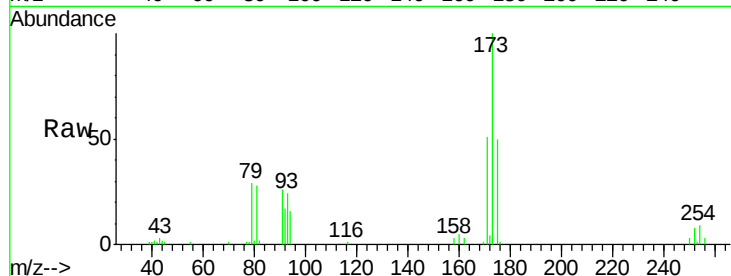
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.5	25.4	76.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

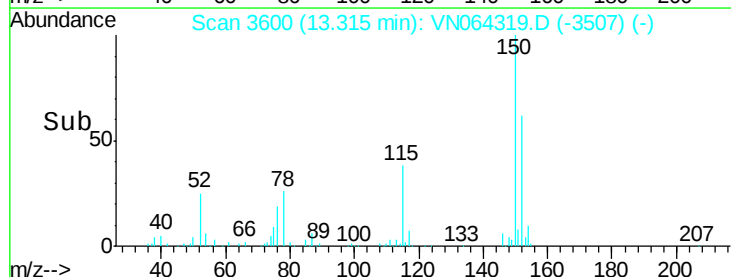
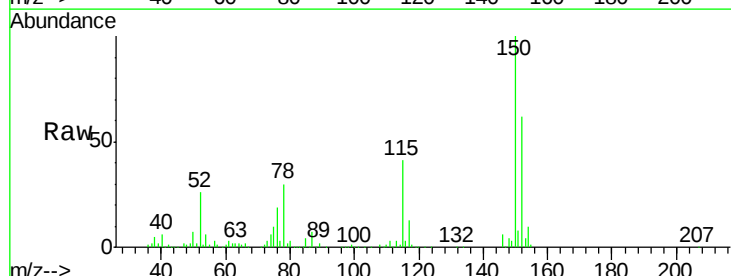
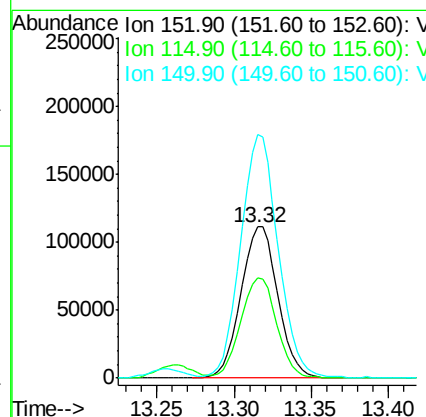
RT: 13.32 min Scan# 3600

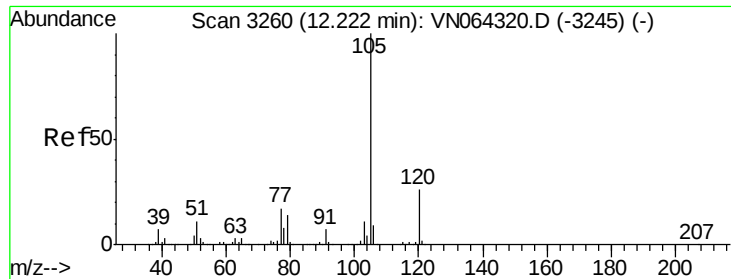
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.5	94.5
150	162.8	0.0	346.2





#73

Isopropylbenzene

Concen: 18.081 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 253623

Ion Ratio Lower Upper

105 100

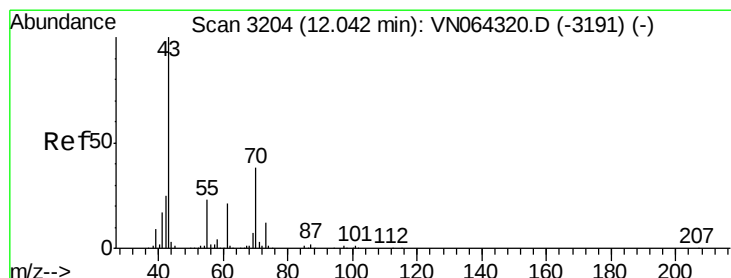
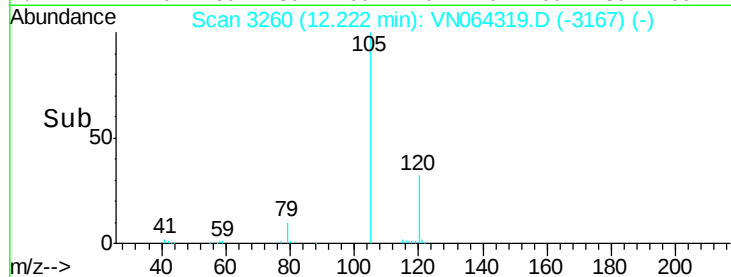
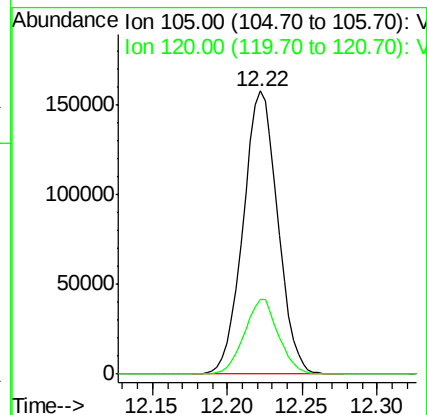
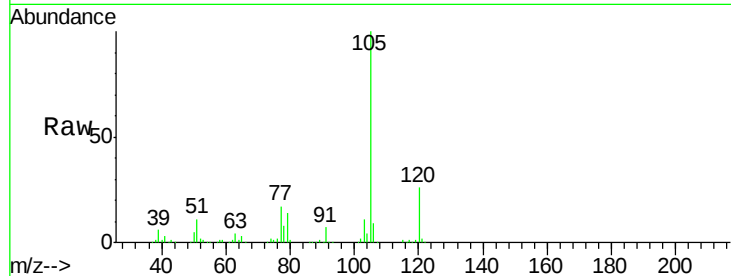
120 25.9 13.2 39.5

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#74

N-ethyl acetate

Concen: 18.752 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion: 43 Resp: 114465

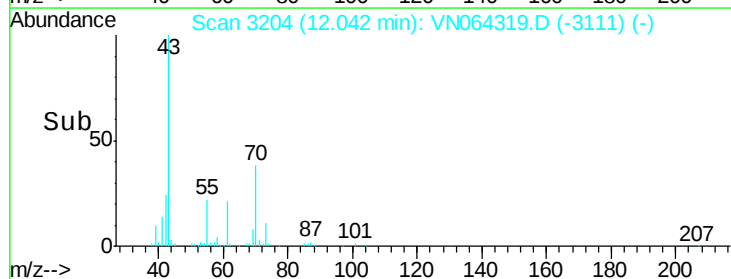
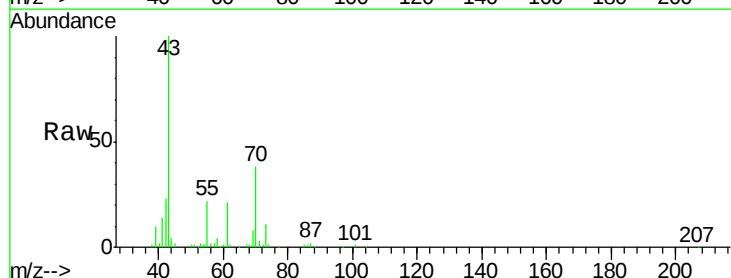
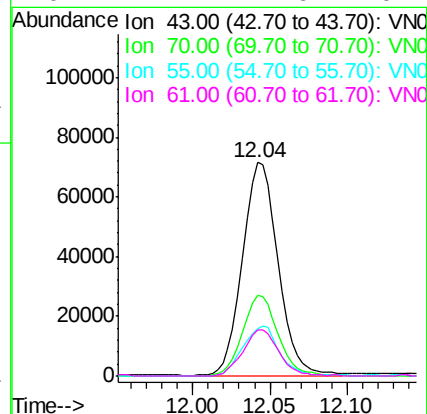
Ion Ratio Lower Upper

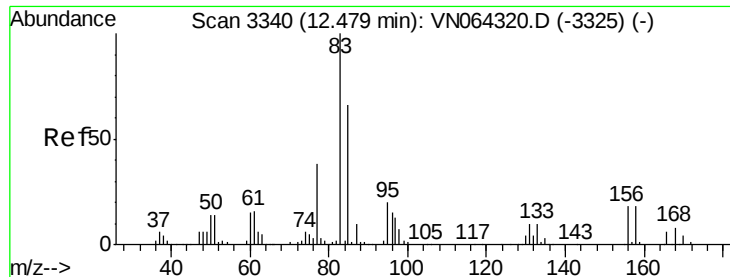
43 100

70 37.8 30.6 45.8

55 23.8 18.2 27.4

61 21.7 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.651 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

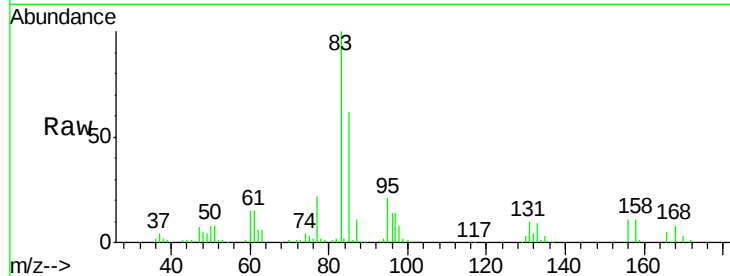
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	74150
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.4	16.2
85	67.2	33.0	98.9

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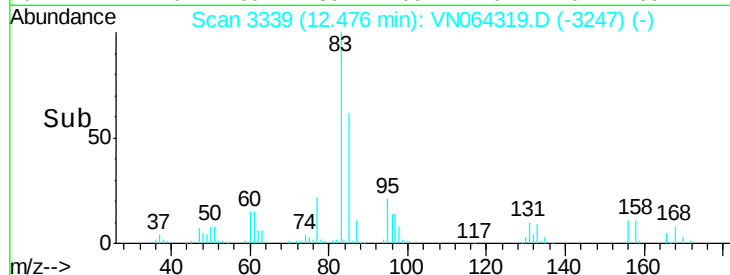
Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-3325) (-)

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

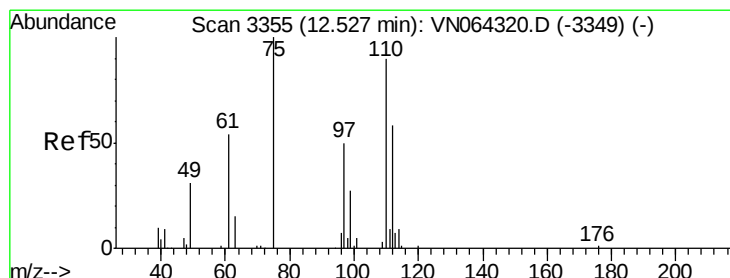
Ion 84.90 (84.60 to 85.60): VN064320.D (-3325) (-)

12.48

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 19.816 ug/l m

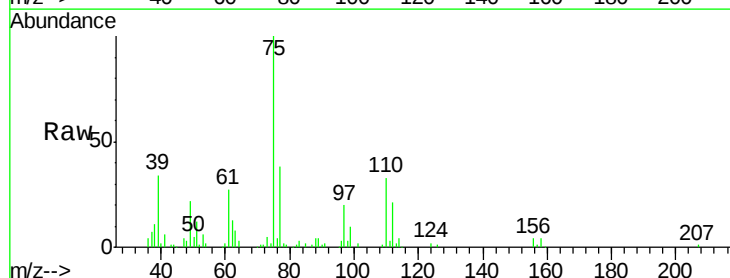
RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion:	75	Resp:	79636
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

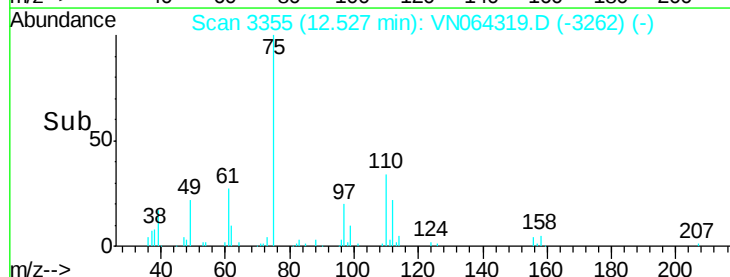


Abundance Ion 74.90 (74.60 to 75.60): VN064320.D (-3349) (-)

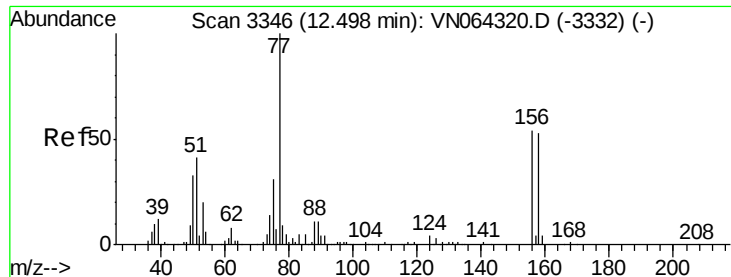
Ion 77.00 (76.70 to 77.70): VN064320.D (-3349) (-)

12.53

Time-->



Time-->



#77

Bromobenzene

Concen: 18.181 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

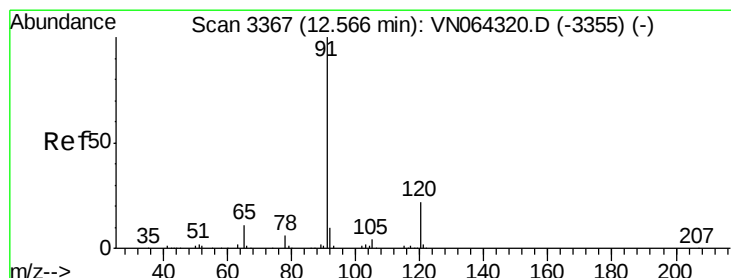
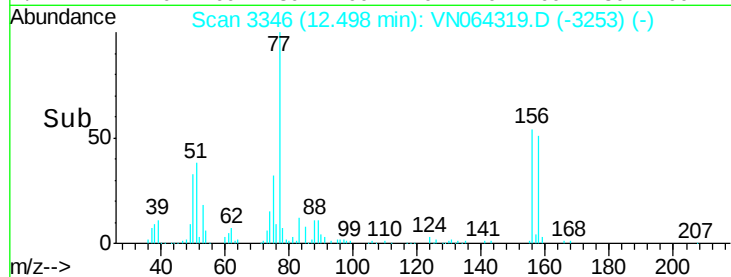
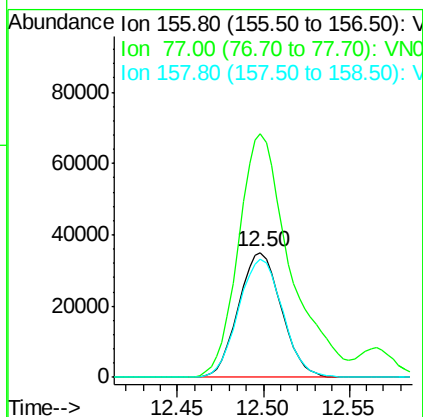
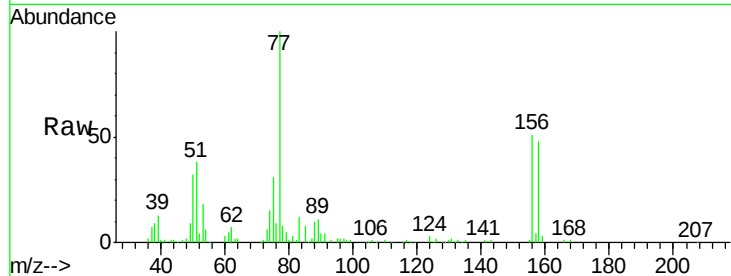
ClientSampleId :

VSTDIC020

Tot Ion:	156	Resp:	60666
Ion	Ratio	Lower	Upper
156	100		
77	235.9	111.9	335.7
158	97.5	49.0	147.0

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#78

n-propylbenzene

Concen: 18.279 ug/l

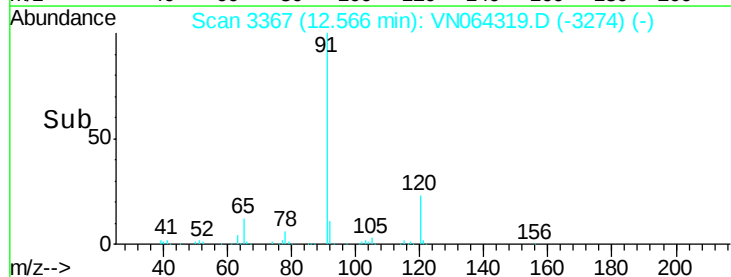
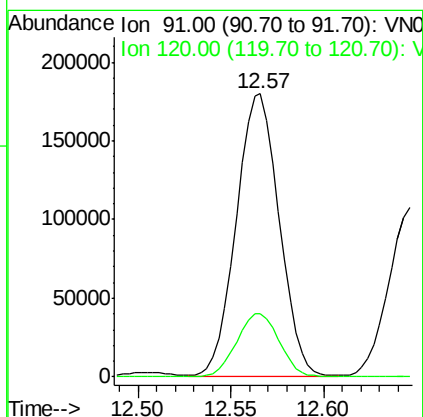
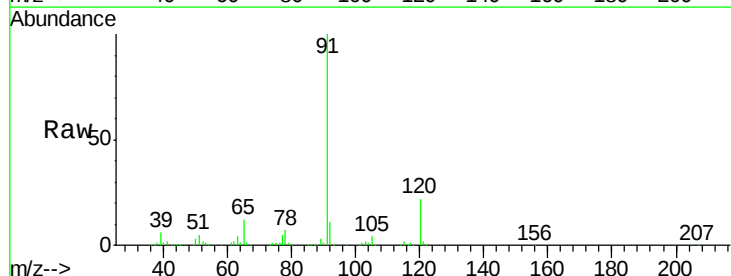
RT: 12.57 min Scan# 3367

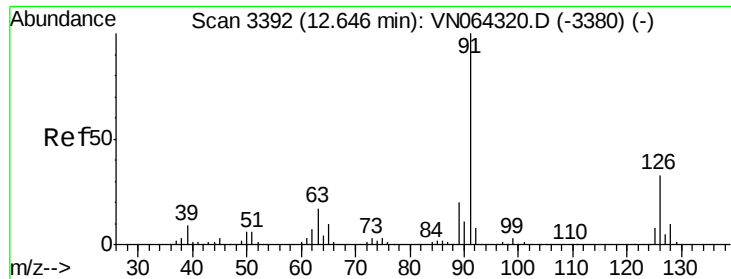
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion:	91	Resp:	290099
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5





#79

2-Chlorotoluene

Concen: 18.809 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 183415

Ion Ratio Lower Upper

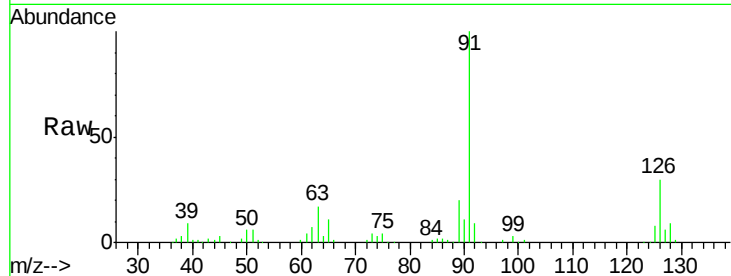
91 100

126 30.6 16.2 48.5

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Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064320.D (-3380) (-)

150000

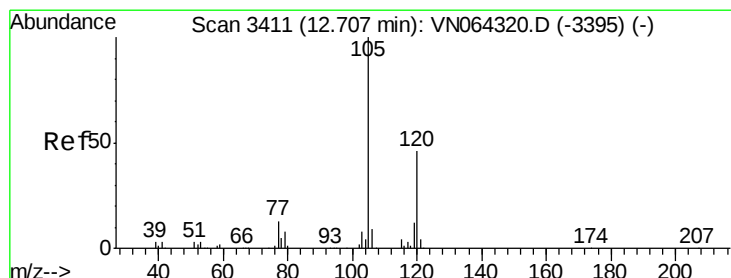
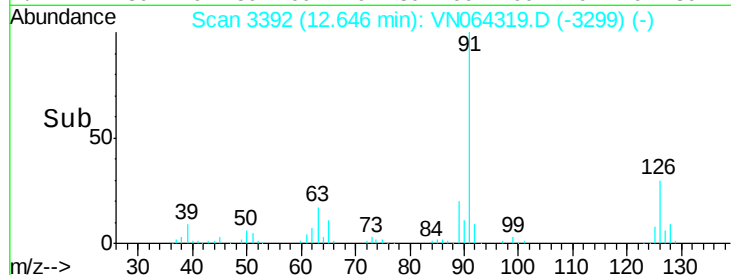
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.207 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064319.D

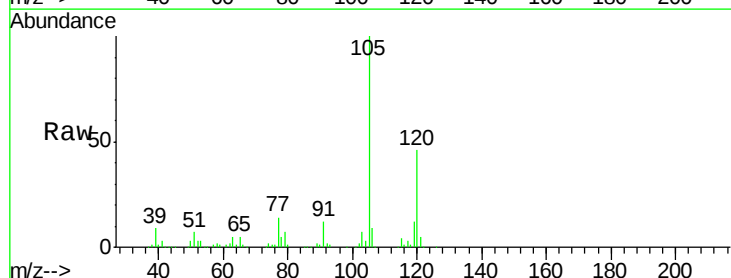
Acq: 27 Oct 2020 10:53

Tgt Ion: 105 Resp: 216214

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064320.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064320.D (-3395) (-)

150000

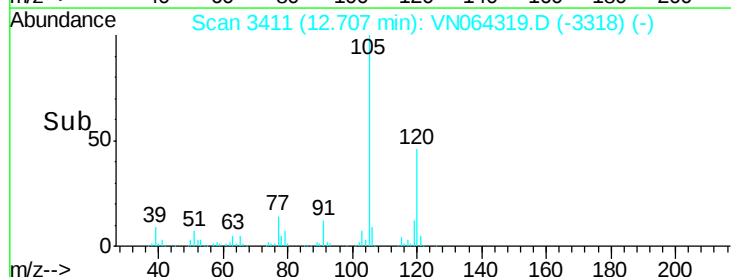
100000

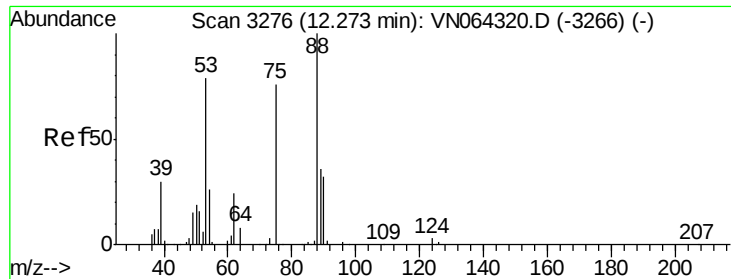
50000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.575 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

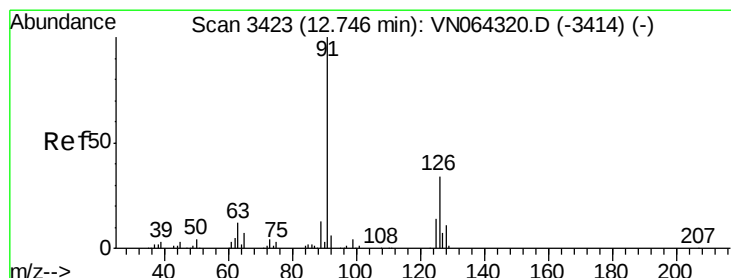
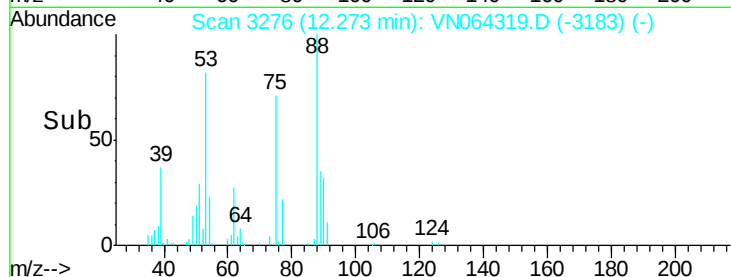
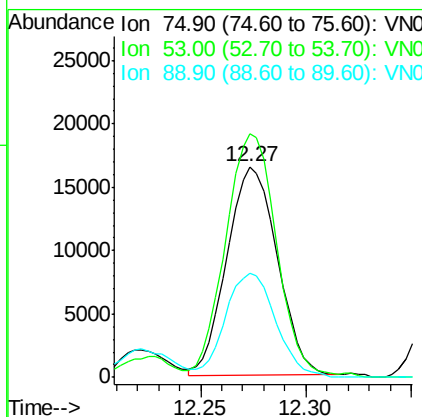
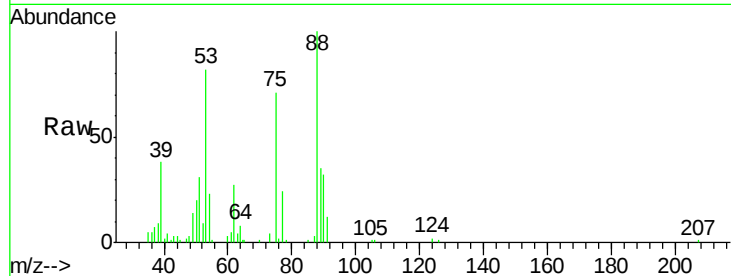
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	27382
Ion	Ratio	Lower	Upper
75	100		
53	115.6	81.8	122.8
89	50.2	39.9	59.9

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#82

4-Chlorotoluene

Concen: 18.113 ug/l

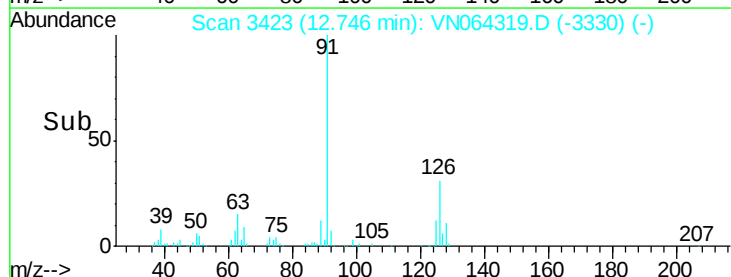
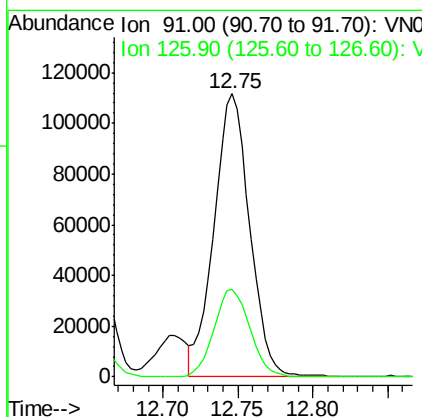
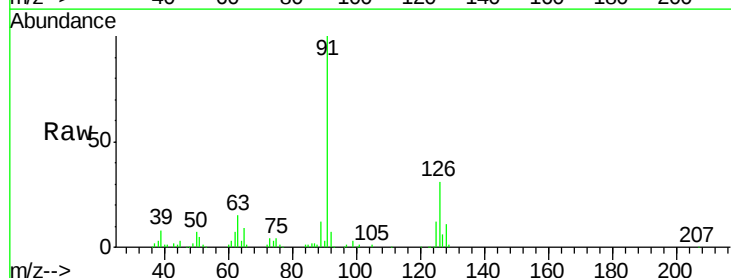
RT: 12.75 min Scan# 3423

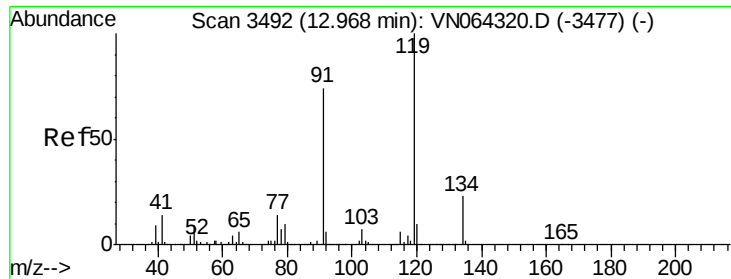
Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion:	91	Resp:	184087
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.8	47.3





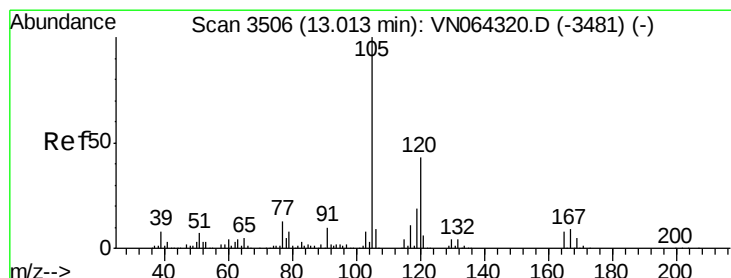
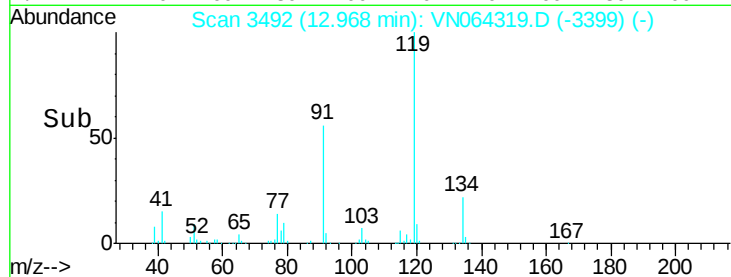
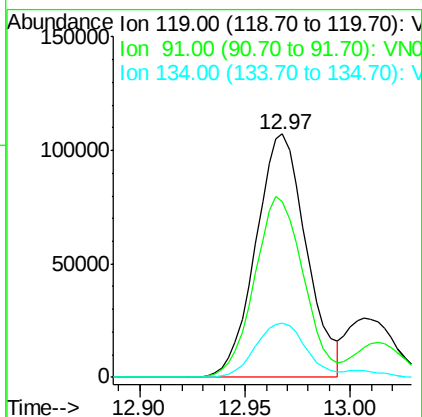
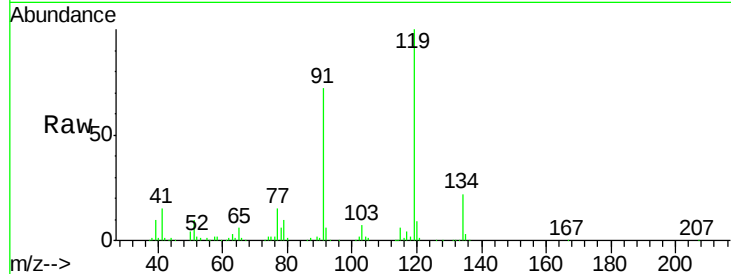
#83
tert-Butylbenzene
Concen: 18.415 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

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

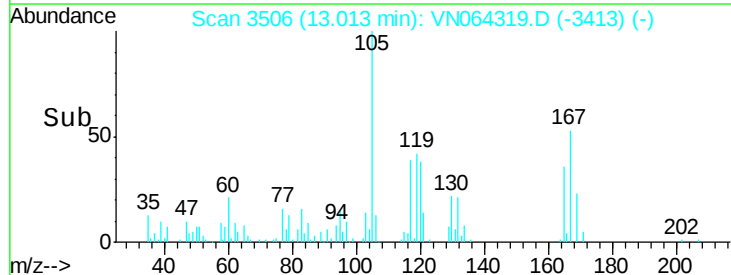
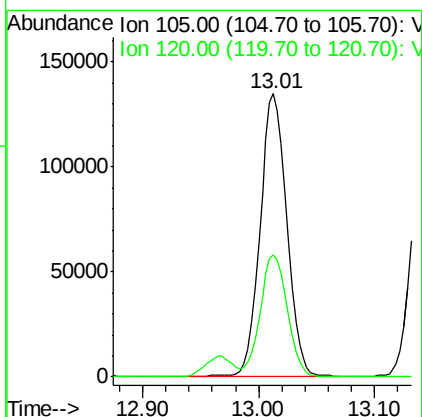
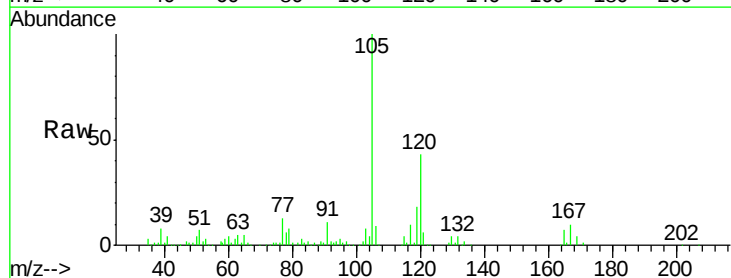
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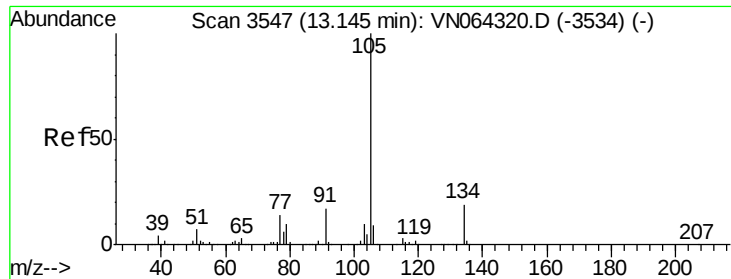
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#84
1,2,4-Trimethylbenzene
Concen: 18.328 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.3	64.0





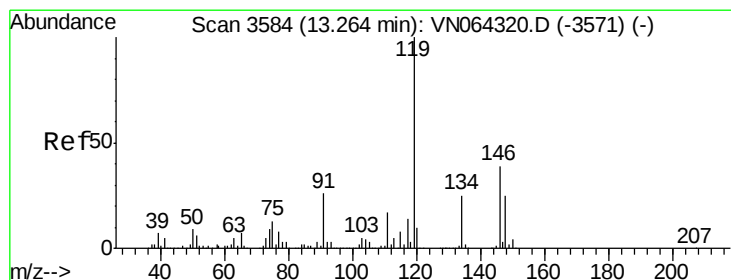
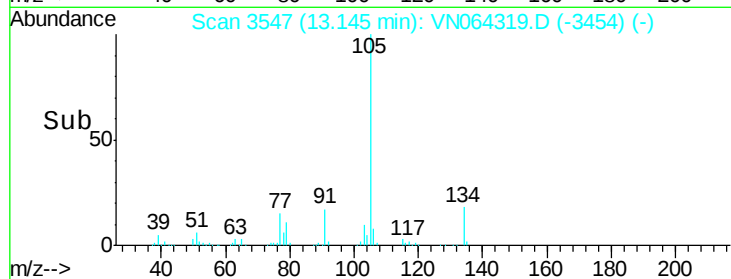
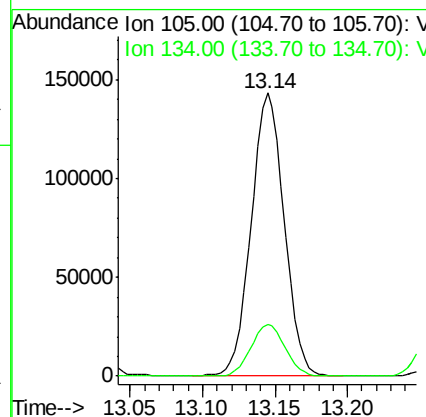
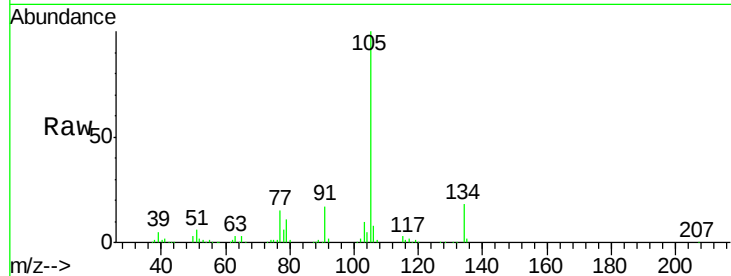
#85
 sec-Butylbenzene
 Concen: 18.440 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	226081		
134	19.1	9.6	28.8	

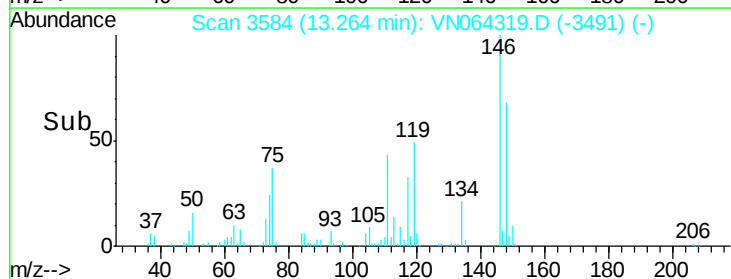
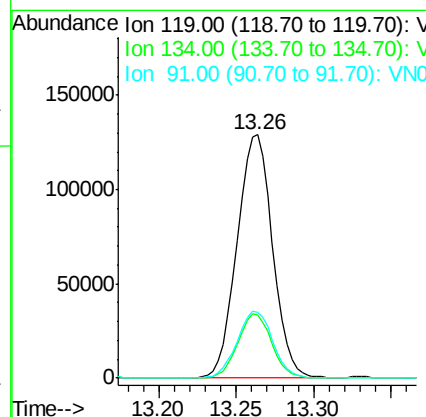
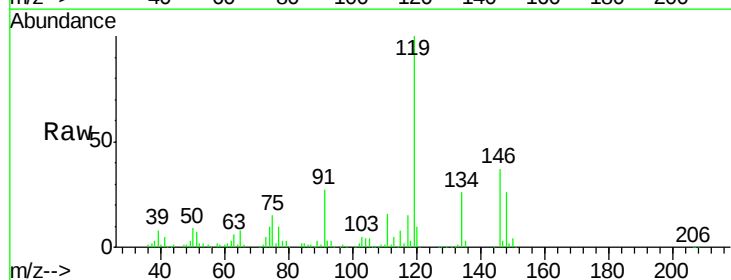
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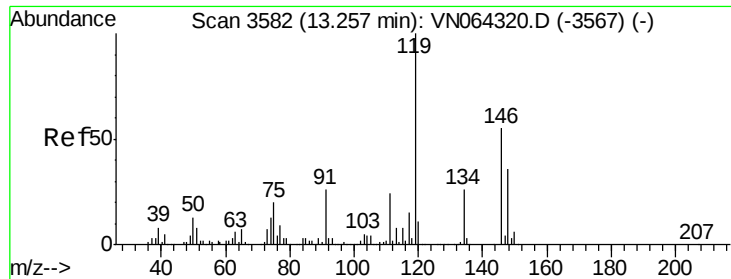
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#86
 p-Isopropyltoluene
 Concen: 18.379 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	205467		
134	25.1	12.8	38.4	
91	27.7	13.0	38.9	





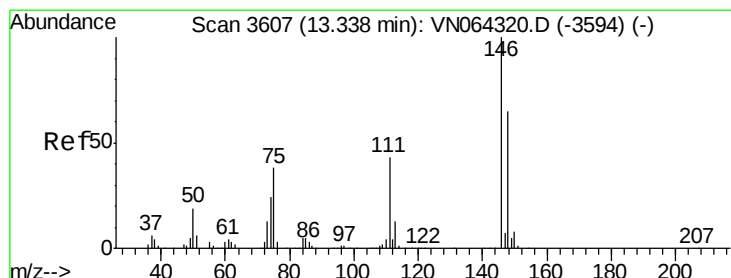
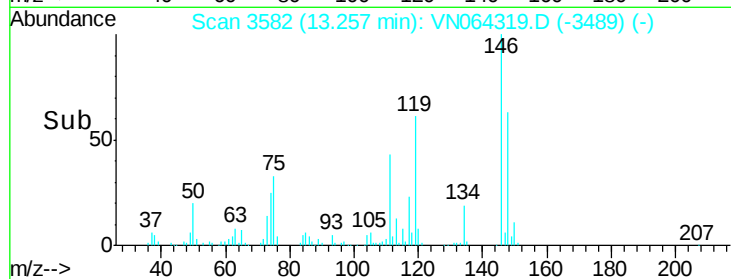
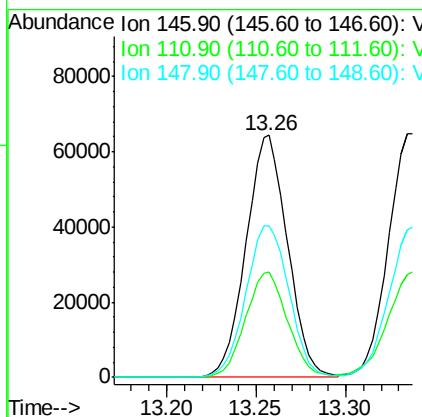
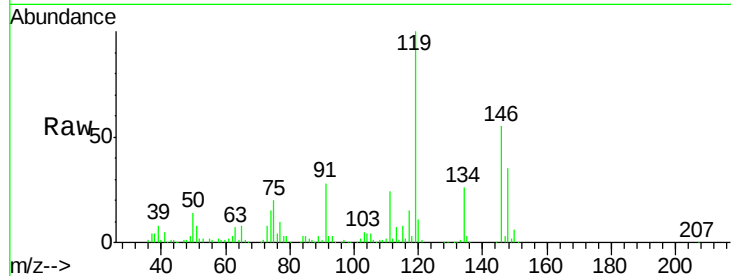
#87
 1,3-Dichlorobenzene
 Concen: 17.747 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.9	65.5
148	65.1	32.6	98.0

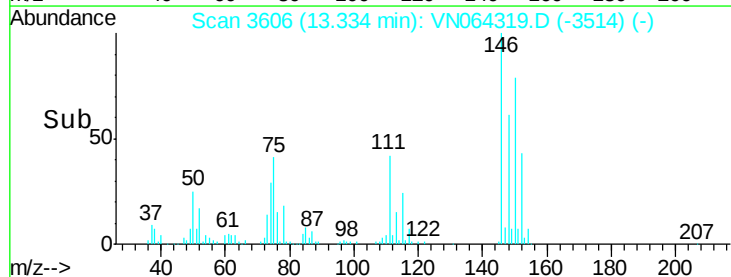
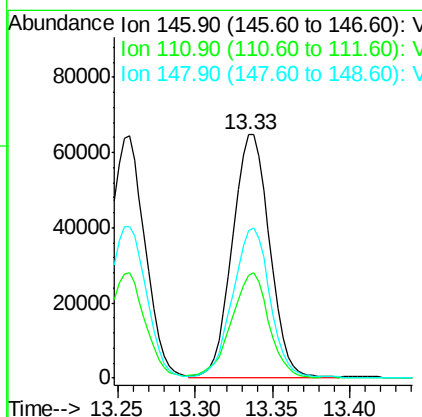
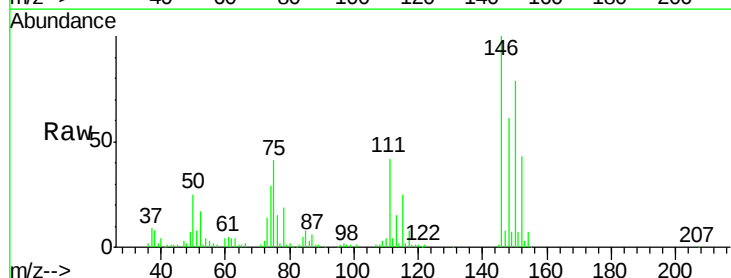
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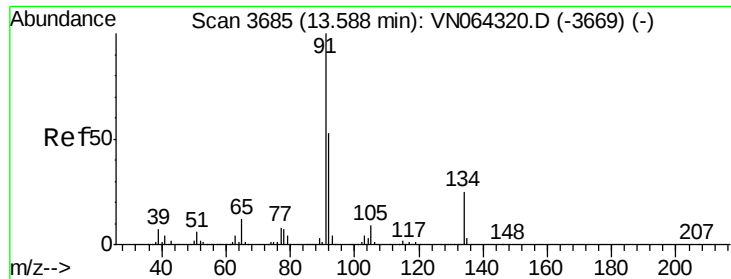
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#88
 1,4-Dichlorobenzene
 Concen: 17.823 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.8	65.4
148	61.6	31.8	95.3





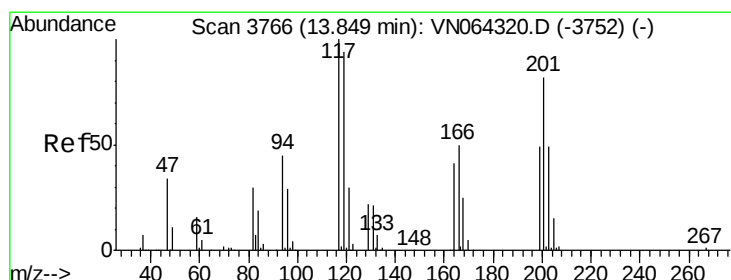
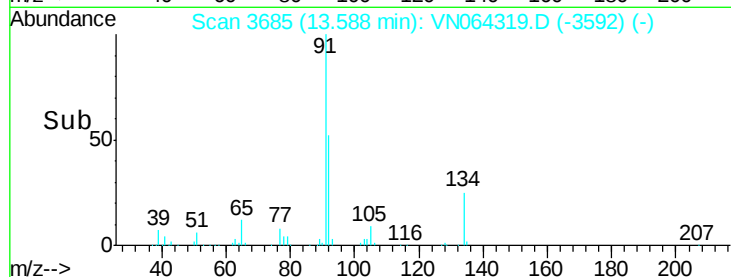
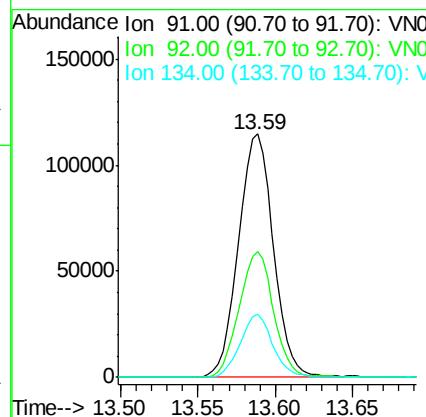
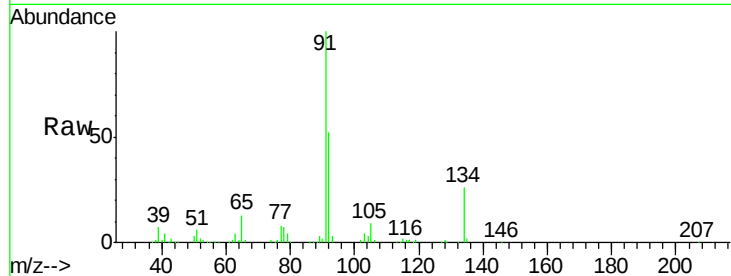
#89
n-Butylbenzene
Concen: 18.095 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.2	78.5
134	24.1	12.4	37.4

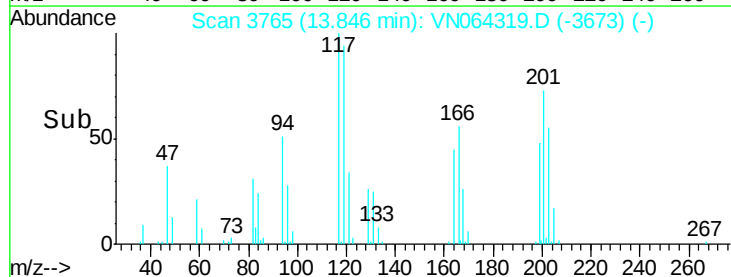
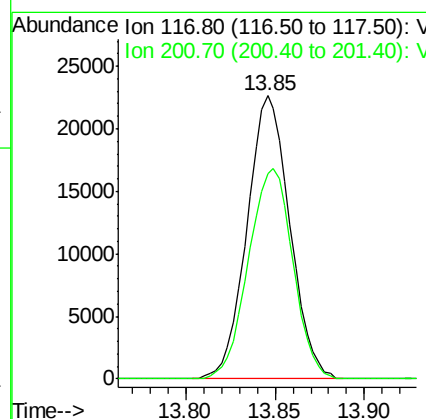
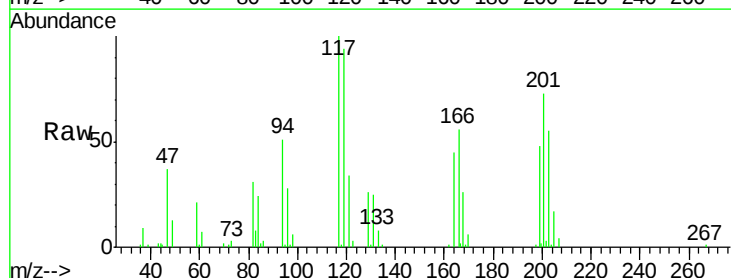
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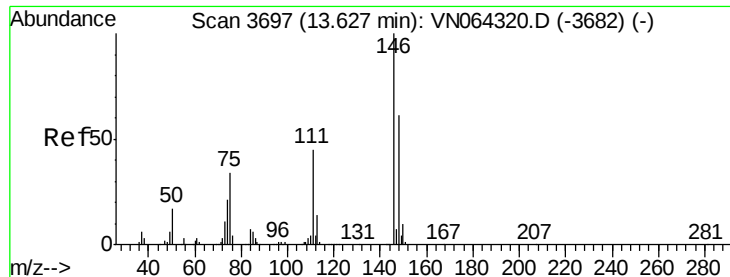
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#90
Hexachloroethane
Concen: 18.366 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064319.D
Acq: 27 Oct 2020 10:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	39.8	119.3





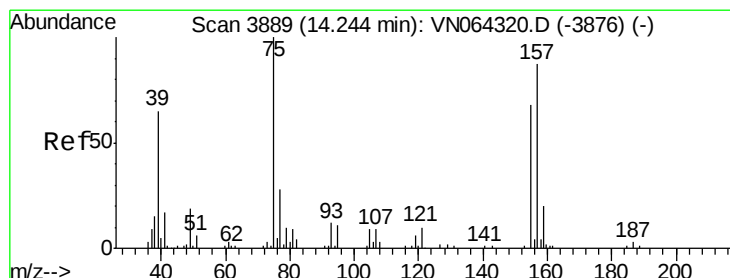
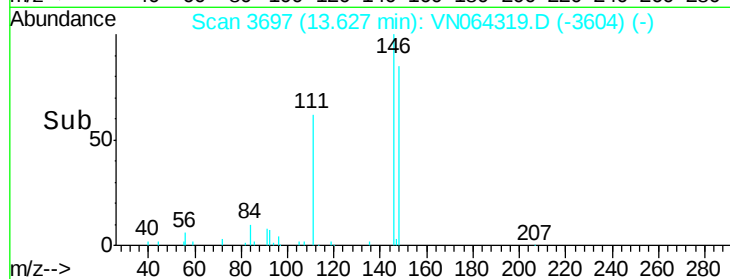
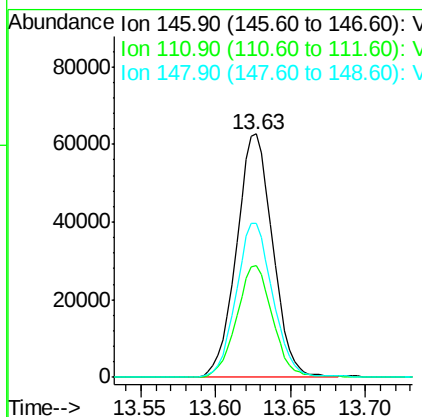
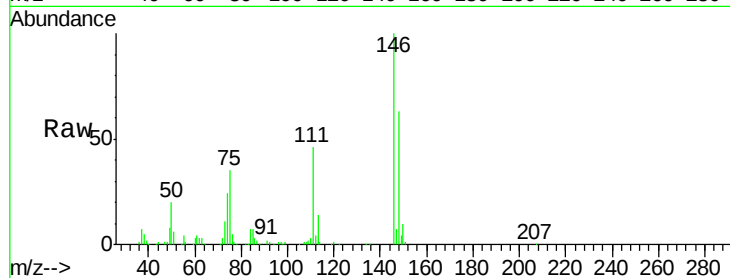
#91
 1,2-Dichlorobenzene
 Concen: 18.211 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.9	23.0	69.0
148	64.0	32.1	96.3

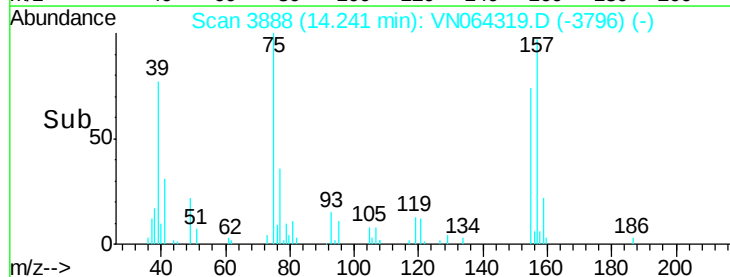
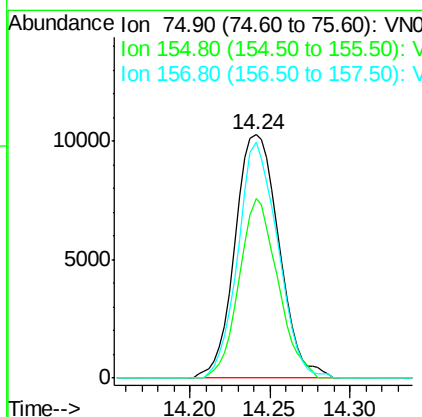
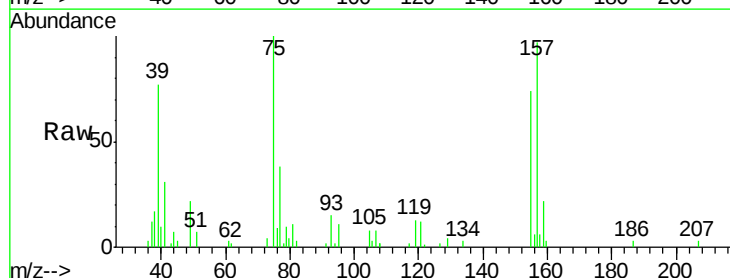
Manual Integrations
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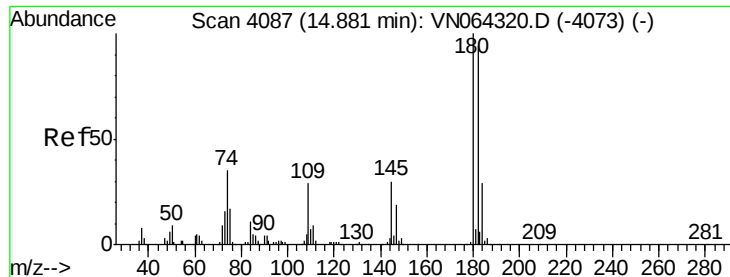
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.327 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.5	35.1	105.5
157	87.8	43.2	129.6





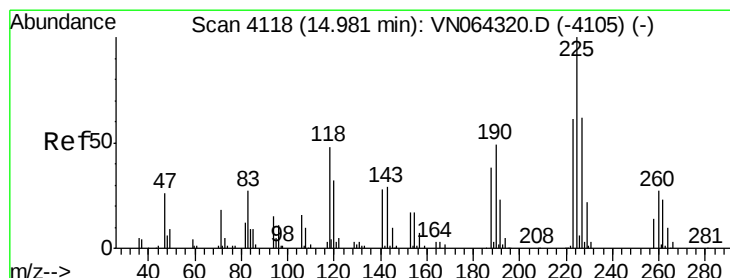
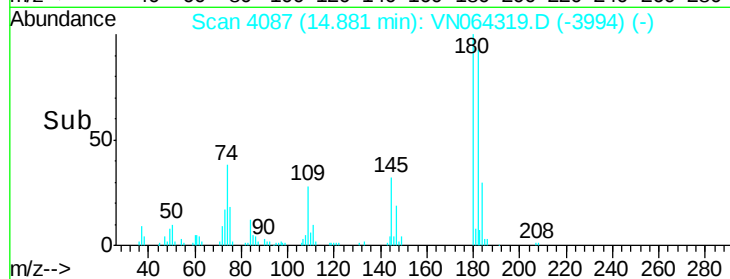
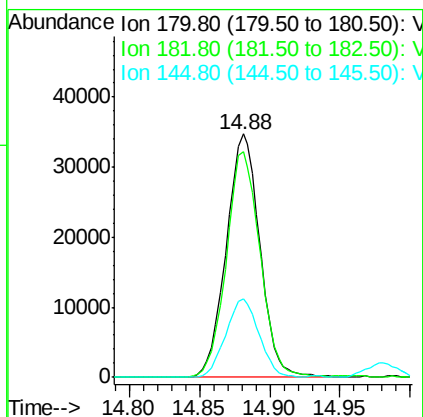
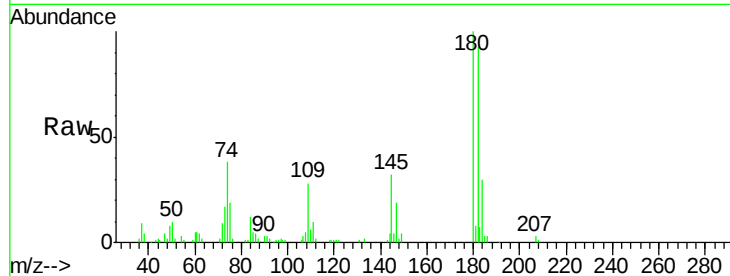
#93
 1,2,4-Trichlorobenzene
 Concen: 17.967 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064319.D
 Acq: 27 Oct 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

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

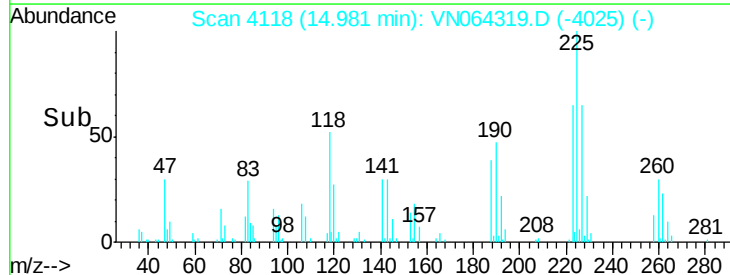
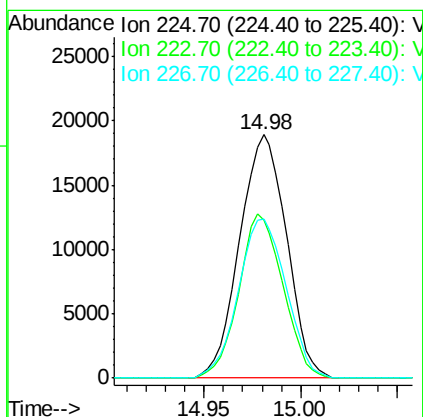
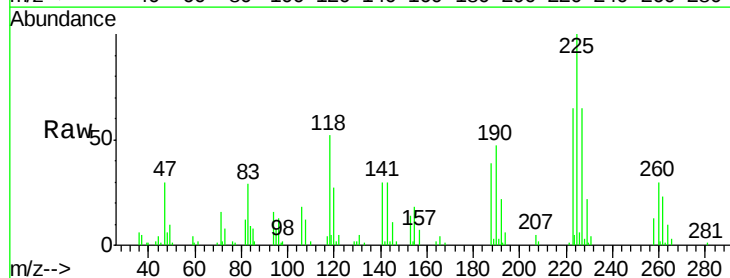
Manual Integrations
 APPROVED

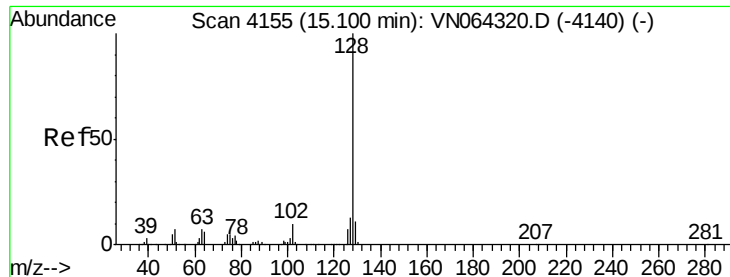
MMDadoda
 10/28/2020 12:35:25 PM



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

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





#95

Naphthalene

Concen: 18.523 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Instrument :

MSVOA_N

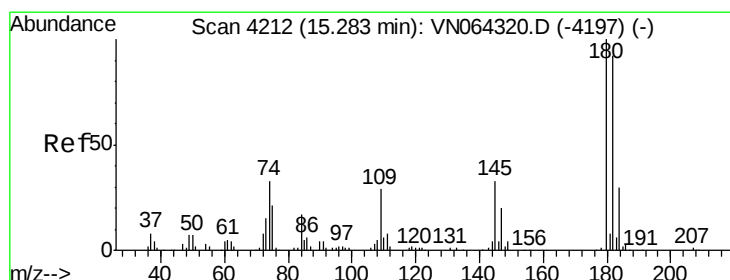
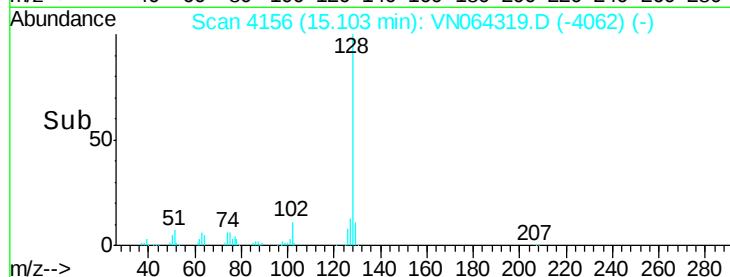
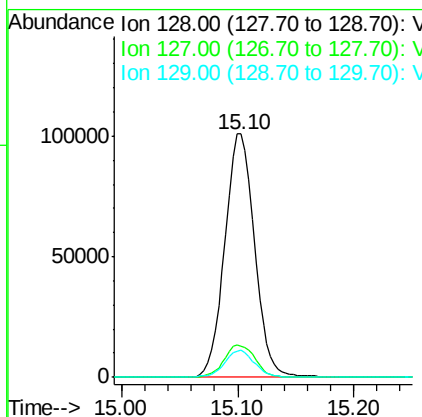
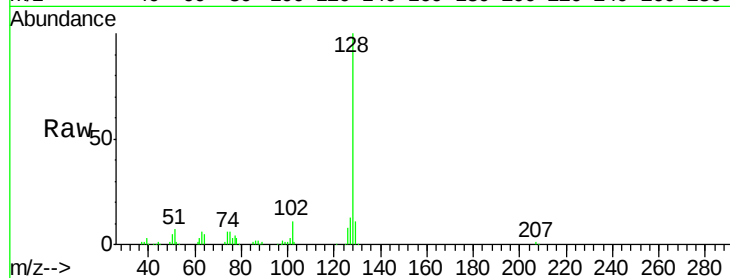
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	179192
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 17.450 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064319.D

Acq: 27 Oct 2020 10:53

Tgt Ion:	180	Resp:	55682
Ion Ratio	Lower	Upper	
180	100		
182	97.2	46.1	138.3
145	34.3	16.2	48.5

