

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070112.D
 Acq On : 15 Dec 2021 15:27
 Operator : JC/MD
 Sample : M4970-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 05:39:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1110239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2113985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2472256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1063950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	882789	51.498	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	103.000%		
35) Dibromofluoromethane	8.024	113	618101	46.679	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.360%		
50) Toluene-d8	10.443	98	2790987	52.493	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.980%		
62) 4-Bromofluorobenzene	12.733	95	1259525	65.389	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	130.780%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.380	59	380138	117.317	ug/l	99
13) Acrolein	3.985	56	3485	1.263	ug/l #	1
14) Allyl chloride	5.071	41	53935	2.263	ug/l #	43
16) Acetone	4.250	43	18752	1.819	ug/l #	51
18) Methyl Acetate	5.079	43	118934	3.821	ug/l #	51
19) Methyl tert-butyl Ether	5.624	73	233683	5.683	ug/l #	1
22) Diisopropyl ether	6.501	45	338943	7.277	ug/l #	86
23) Vinyl Acetate	6.498	43	183751	4.849	ug/l #	72
25) 2-Butanone	7.343	43	4933	0.352	ug/l #	87
31) Cyclohexane	8.094	56	212983	8.928	ug/l #	85
36) 1,1-Dichloropropene	8.086	75	94025	4.672	ug/l #	48
38) Carbon Tetrachloride	8.088	117	113657	5.759	ug/l #	16
39) Methylcyclohexane	9.461	83	88229	3.686	ug/l #	84
40) Benzene	8.461	78	1644694	26.737	ug/l	99
42) 1,2-Dichloroethane	8.461	62	15984	0.644	ug/l	91
43) Isopropyl Acetate	8.544	43	71596	1.615	ug/l #	55
47) Bromodichloromethane	9.751	83	5159	0.252	ug/l #	25
52) Toluene	10.505	92	17083	0.455	ug/l	100
53) t-1,3-Dichloropropene	10.714	75	109	2.798	ug/l #	49
54) cis-1,3-Dichloropropene	10.188	75	52	2.001	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	22605	1.492	ug/l #	21
56) Ethyl methacrylate	10.784	69	4002	2.413	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.043	63	311	18.426	ug/l #	45
59) 2-Hexanone	10.947	43	27437	1.261	ug/l	69
60) Dibromochloromethane	10.988	129	119	2.383	ug/l #	11
67) Ethyl Benzene	11.846	91	18834	0.207	ug/l	93
68) m/p-Xylenes	11.956	106	21766	0.656	ug/l	87
69) o-Xylene	12.280	106	9539	0.285	ug/l	92
71) Bromoform	12.715	173	788	2.780	ug/l #	29
73) Isopropylbenzene	12.578	105	365681	3.863	ug/l	99
76) 1,2,3-Trichloropropane	12.731	75	697826	22.871	ug/l #	1
78) n-propylbenzene	12.921	91	329168	3.125	ug/l	96
79) 2-Chlorotoluene	12.921	91	329168	4.945	ug/l #	38
81) trans-1,4-Dichloro-2-b...	12.731	75	697826	72.835	ug/l #	5
82) 4-Chlorotoluene	12.921	91	329168	5.259	ug/l #	38
85) sec-Butylbenzene	13.501	105	26795	0.293	ug/l	99

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Instrument :
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Quant Time: Dec 16 05:39:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

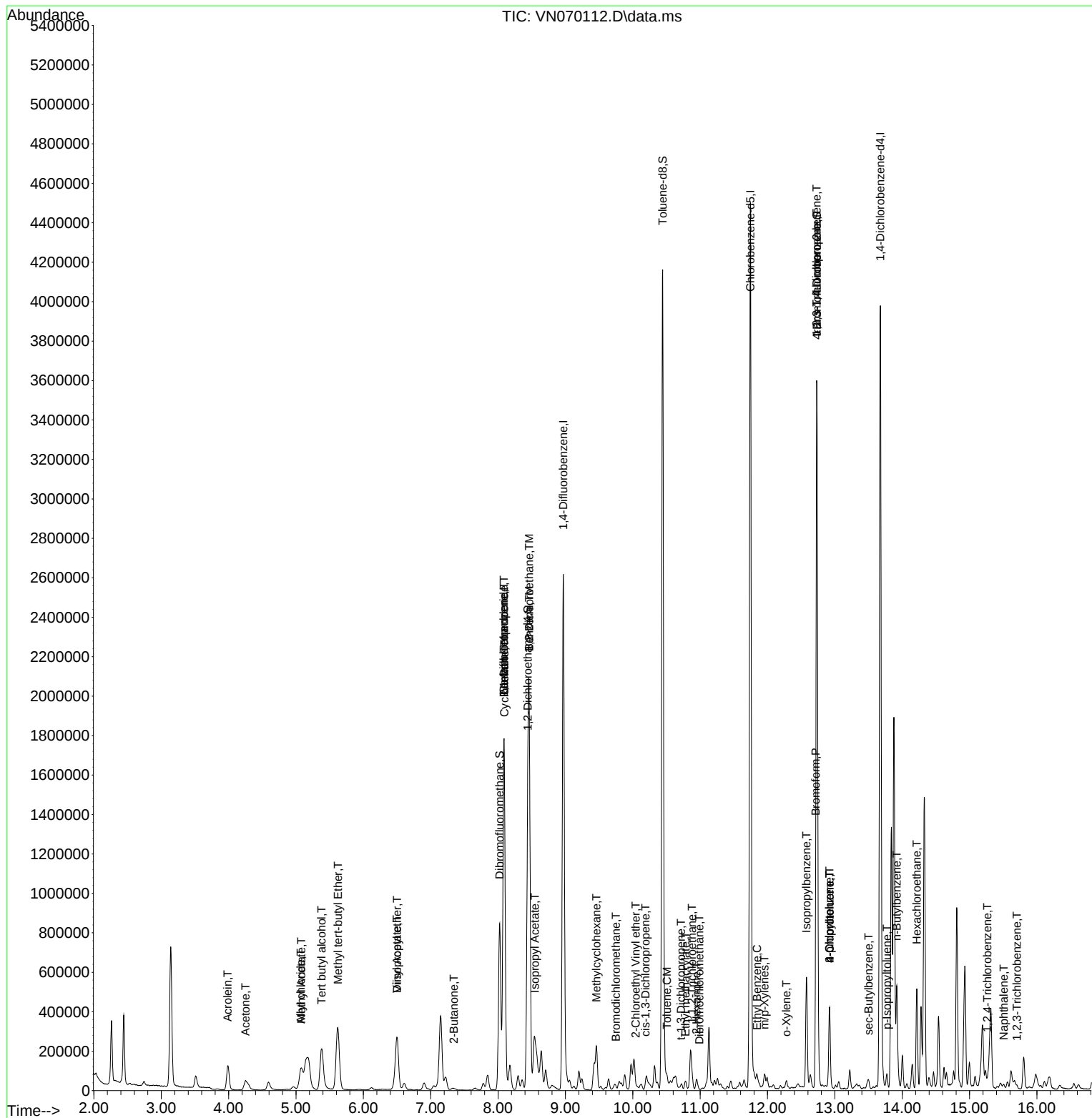
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.771	119	35353	0.494	ug/l	97
89) n-Butylbenzene	13.919	91	88330	1.522	ug/l #	4
90) Hexachloroethane	14.217	117	27605	2.198	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.265	180	3552	3.070	ug/l #	1
95) Naphthalene	15.507	128	21135	4.359	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.702	180	3810	2.649	ug/l #	83

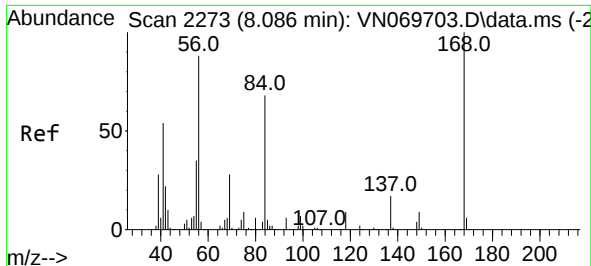
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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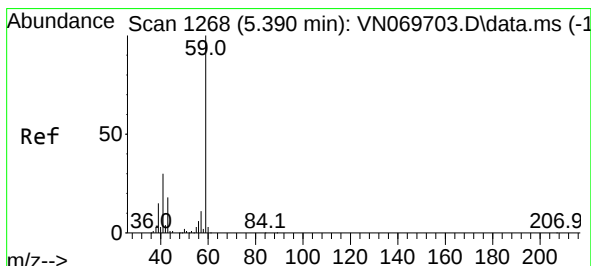
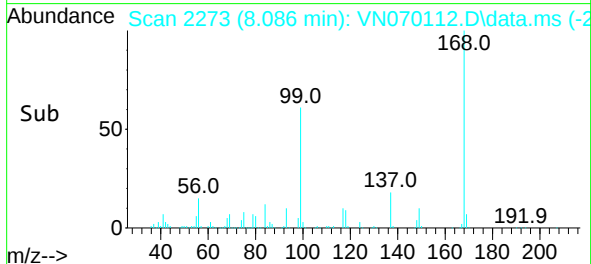
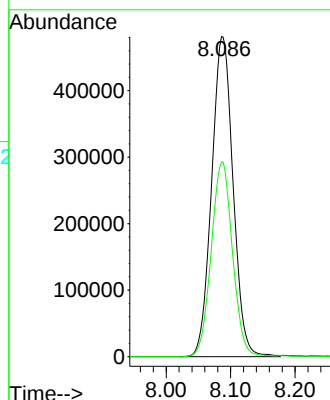
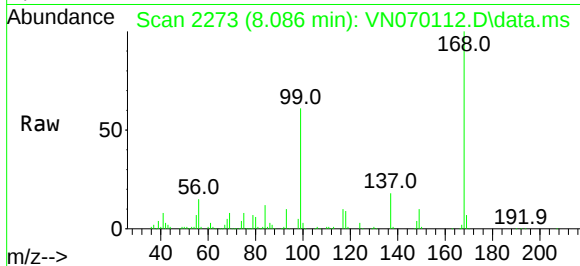




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

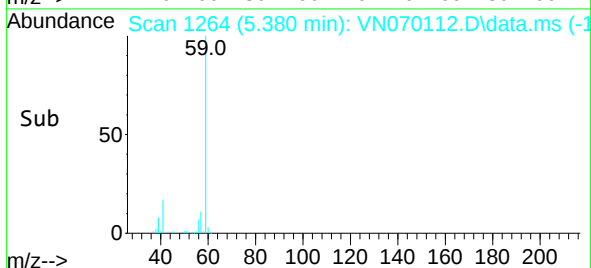
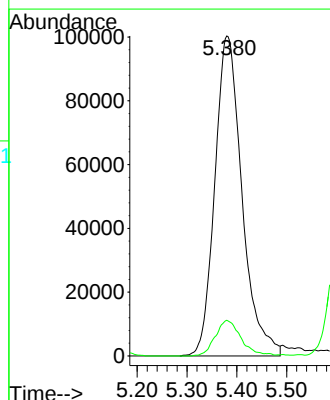
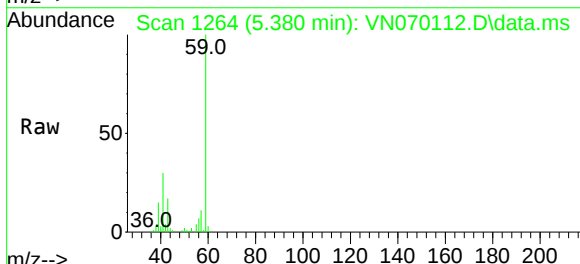
Instrument :
MSVOA_N
ClientSampleId :

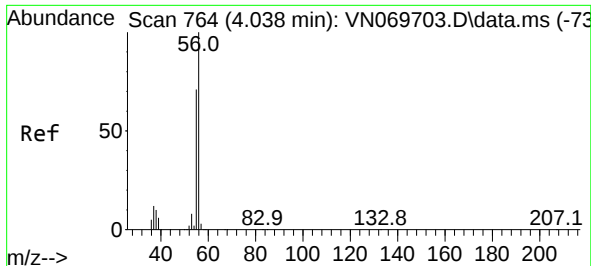
Tgt Ion:168 Resp: 1110239
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#11
Tert butyl alcohol
Concen: 117.317 ug/l
RT: 5.380 min Scan# 1264
Delta R.T. -0.011 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion: 59 Resp: 380138
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

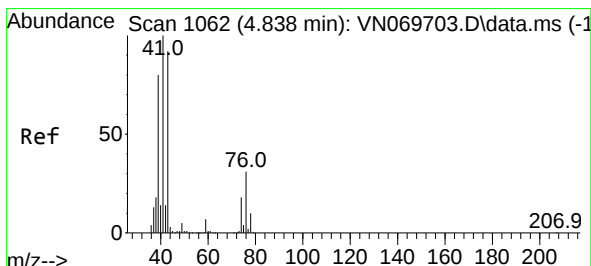
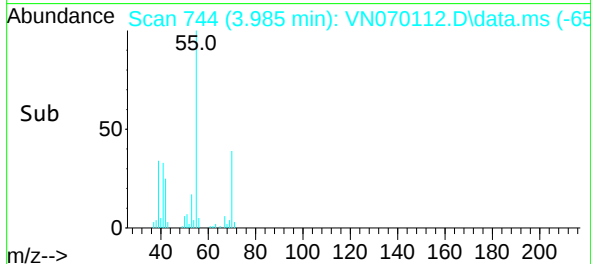
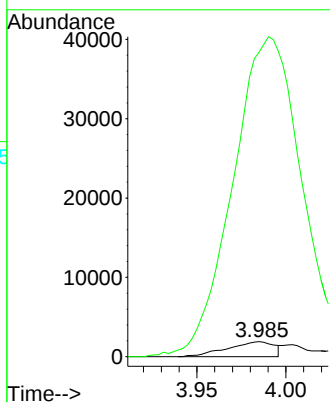
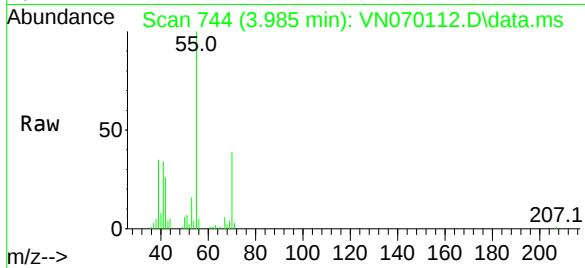




#13
Acrolein
Concen: 1.263 ug/l
RT: 3.985 min Scan# 74
Delta R.T. -0.053 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

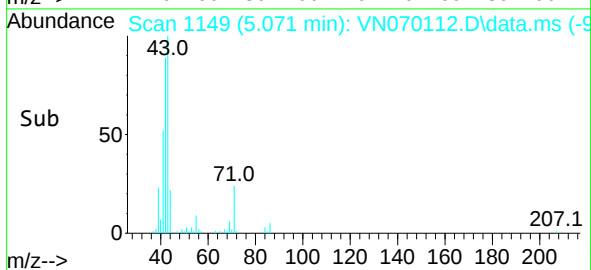
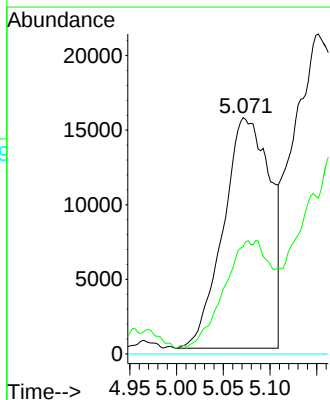
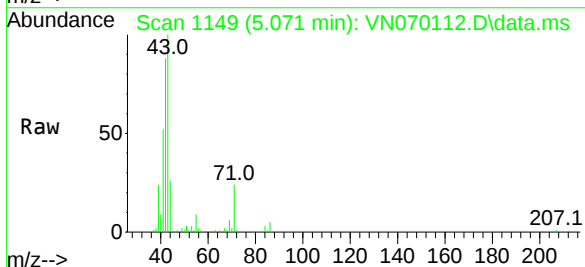
Instrument :
MSVOA_N
ClientSampleId :

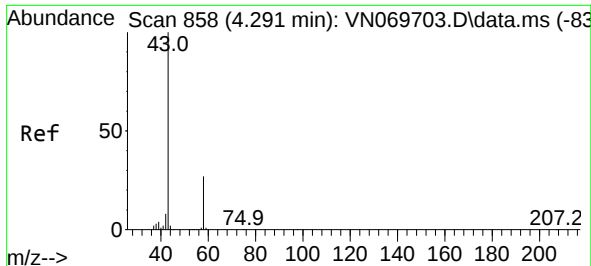
Tgt Ion: 56 Resp: 3485
Ion Ratio Lower Upper
56 100
55 3175.5 56.6 85.0#



#14
Allyl chloride
Concen: 2.263 ug/l
RT: 5.071 min Scan# 1149
Delta R.T. 0.233 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion: 41 Resp: 53935
Ion Ratio Lower Upper
41 100
39 27.9 61.2 91.8#
76 0.0 26.0 39.0#

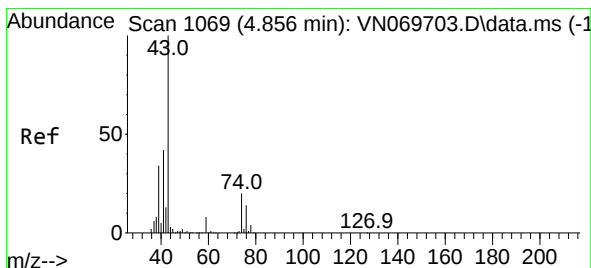
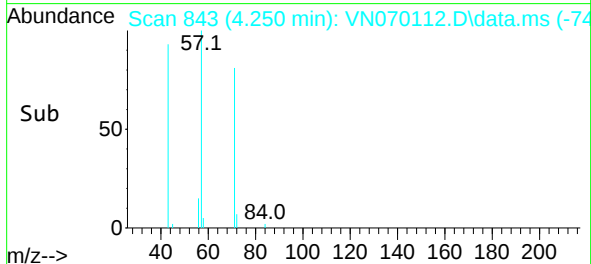
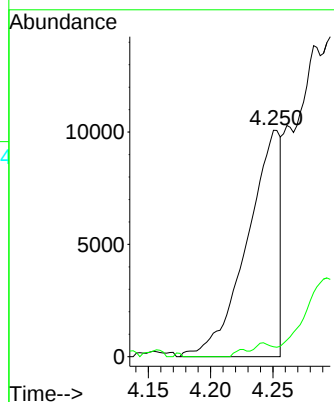
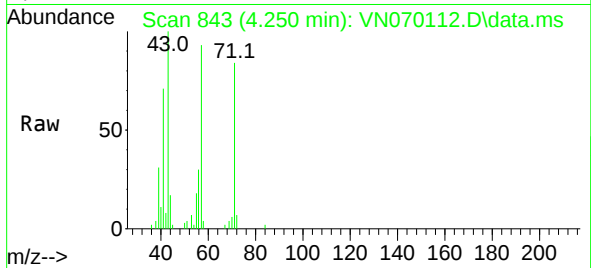




#16
Acetone
Concen: 1.819 ug/l
RT: 4.250 min Scan# 84
Delta R.T. -0.040 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

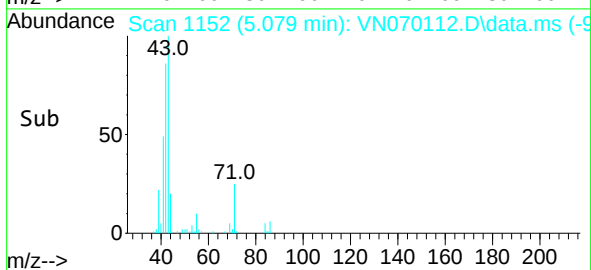
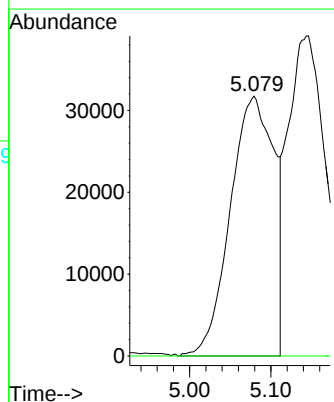
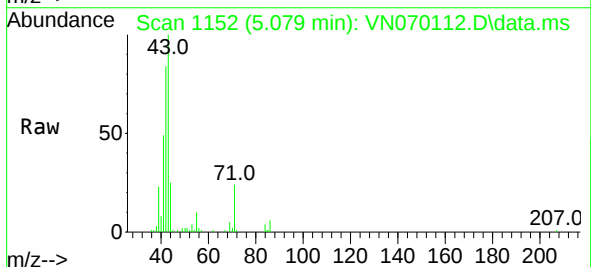
Instrument :
MSVOA_N
ClientSampleId :

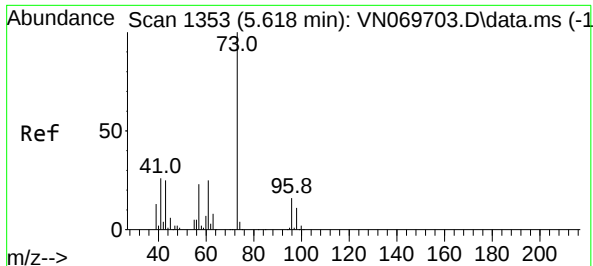
Tgt Ion: 43 Resp: 18752
Ion Ratio Lower Upper
43 100
58 2.9 23.1 34.7#



#18
Methyl Acetate
Concen: 3.821 ug/l
RT: 5.079 min Scan# 1152
Delta R.T. 0.223 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion: 43 Resp: 118934
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 5.683 ug/l

RT: 5.624 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

Instrument :

MSVOA_N

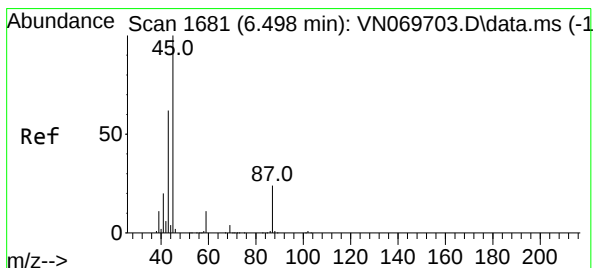
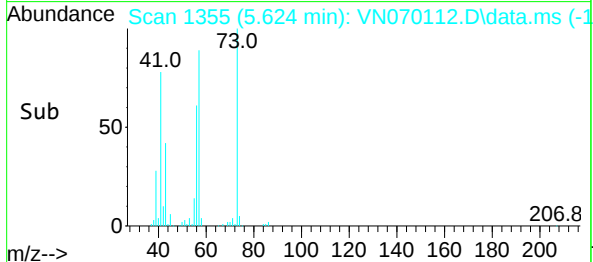
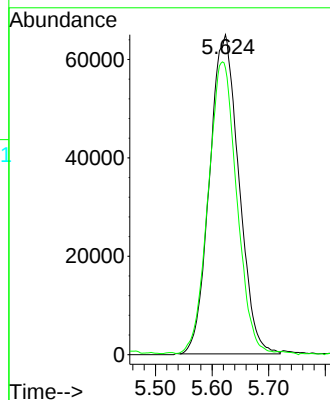
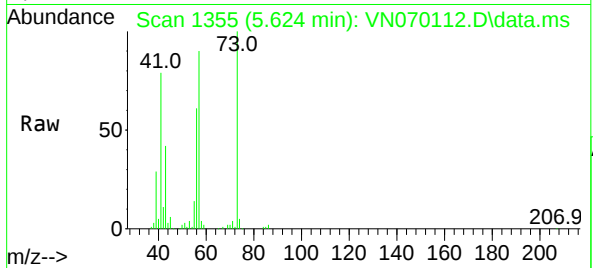
ClientSampleId :

Tgt Ion: 73 Resp: 233683

Ion Ratio Lower Upper

73 100

57 89.2 16.8 25.2#



#22

Diisopropyl ether

Concen: 7.277 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.003 min

Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

Tgt Ion: 45 Resp: 338943

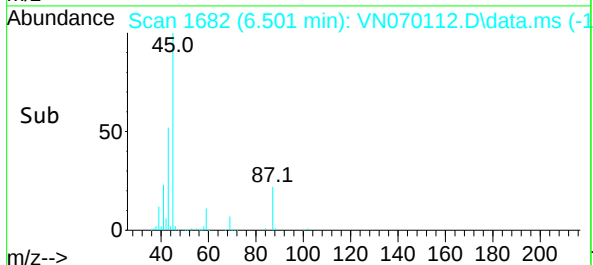
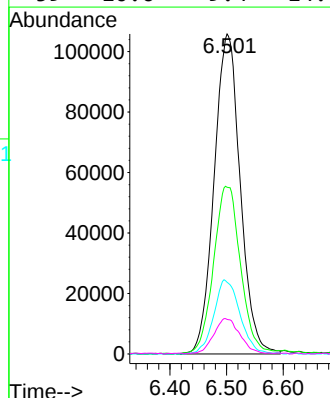
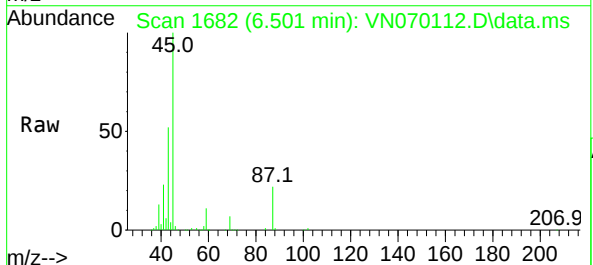
Ion Ratio Lower Upper

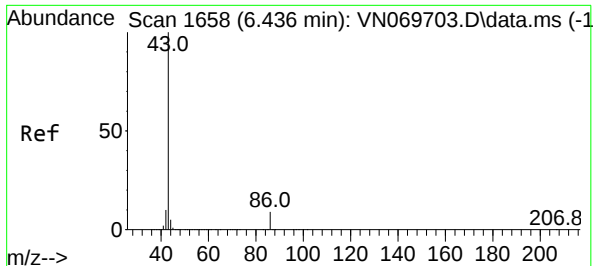
45 100

43 51.9 51.7 77.5

87 22.4 23.2 34.8#

59 10.6 9.4 14.0

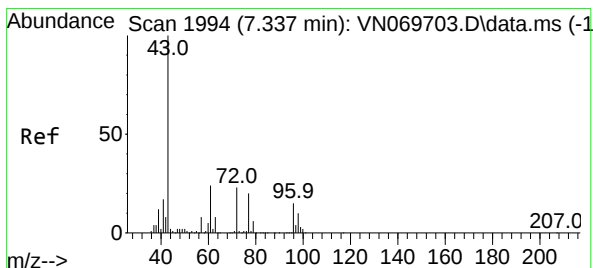
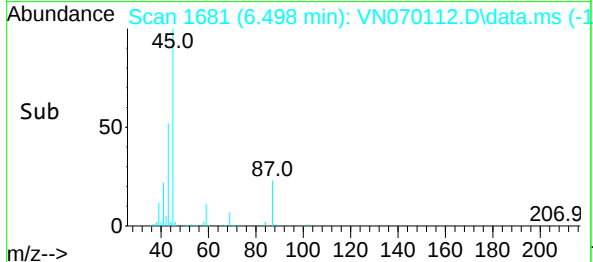
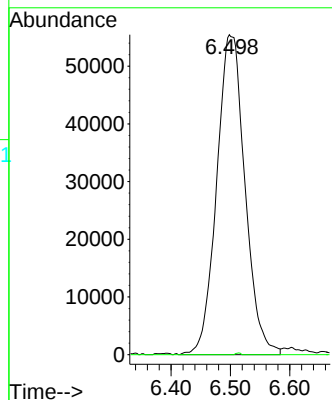
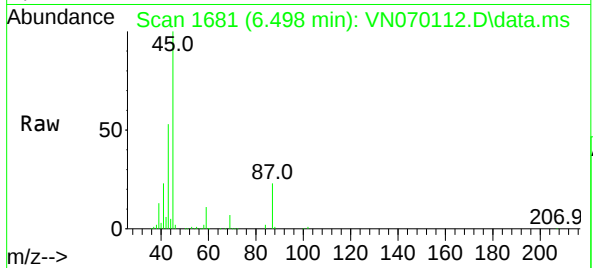




#23
 Vinyl Acetate
 Concen: 4.849 ug/l
 RT: 6.498 min Scan# 1
 Delta R.T. 0.062 min
 Lab File: VN070112.D
 Acq: 15 Dec 2021 15:27

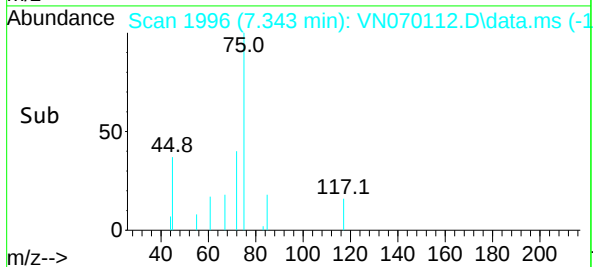
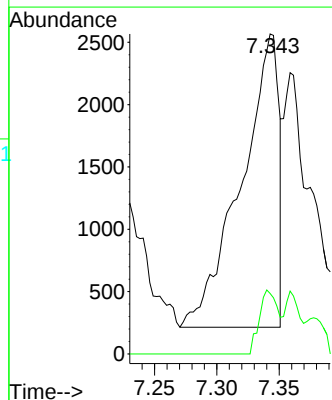
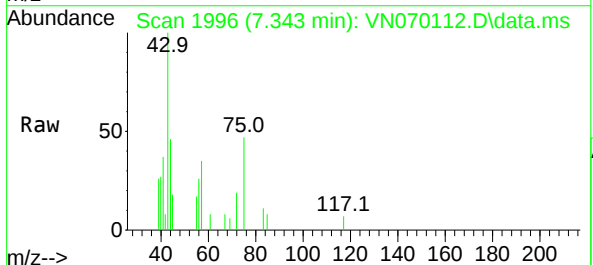
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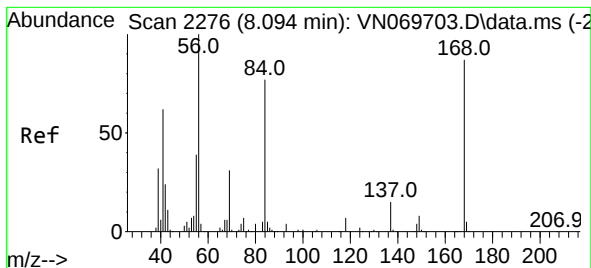
Tgt Ion: 43 Resp: 183751
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 0.352 ug/l
 RT: 7.343 min Scan# 1996
 Delta R.T. 0.005 min
 Lab File: VN070112.D
 Acq: 15 Dec 2021 15:27

Tgt Ion: 43 Resp: 4933
 Ion Ratio Lower Upper
 43 100
 72 20.6 21.7 32.5#





#31

Cyclohexane

Concen: 8.928 ug/l

RT: 8.094 min Scan# 21

Delta R.T. 0.000 min

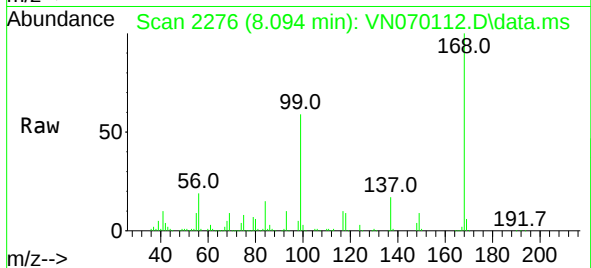
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Acq: 15 Dec 2021 15:27

Instrument :

MSVOA_N

ClientSampleId :



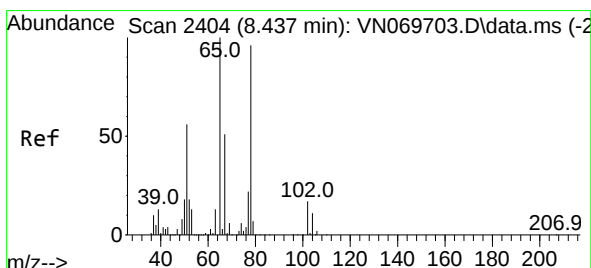
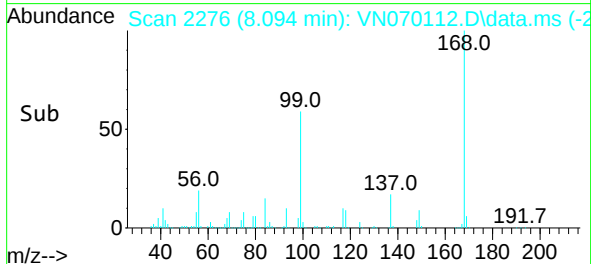
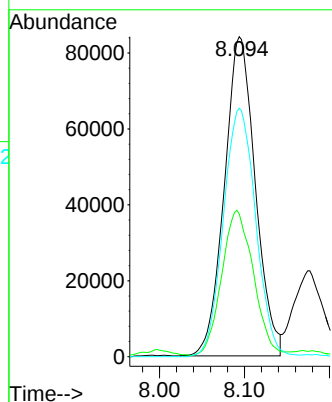
Tgt Ion: 56 Resp: 212983

Ion Ratio Lower Upper

56 100

69 44.0 27.1 40.7#

84 77.8 73.4 110.0



#33

1,2-Dichloroethane-d4

Concen: 51.498 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070112.D

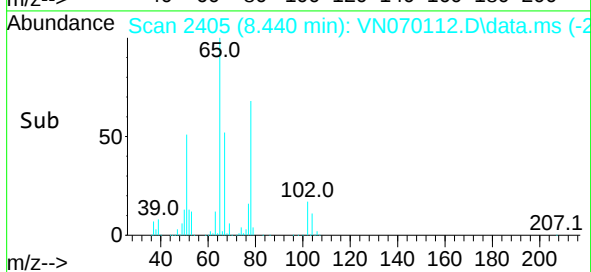
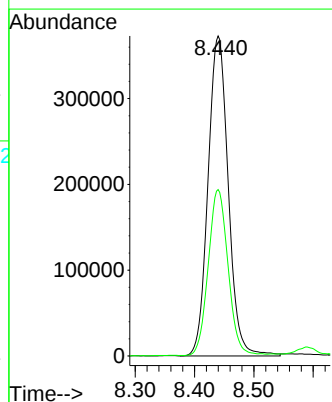
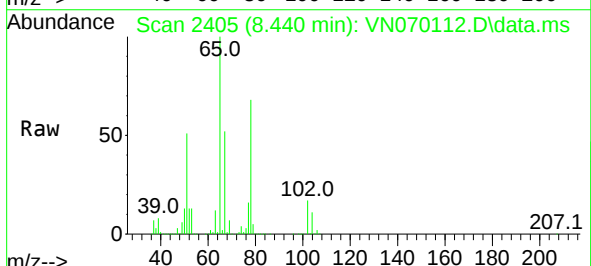
Acq: 15 Dec 2021 15:27

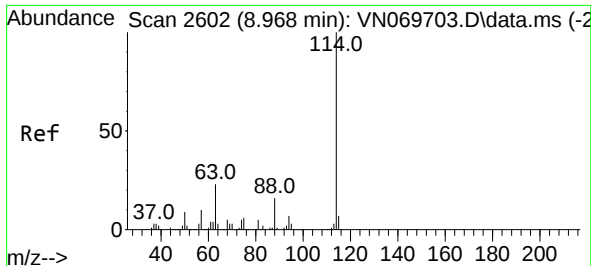
Tgt Ion: 65 Resp: 882789

Ion Ratio Lower Upper

65 100

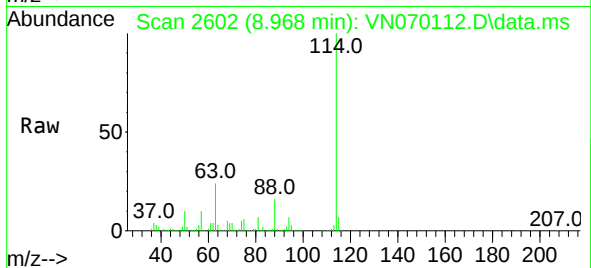
67 50.6 0.0 103.0



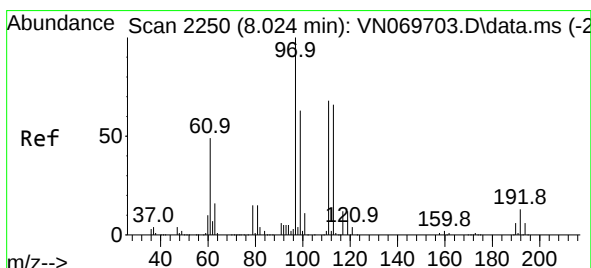
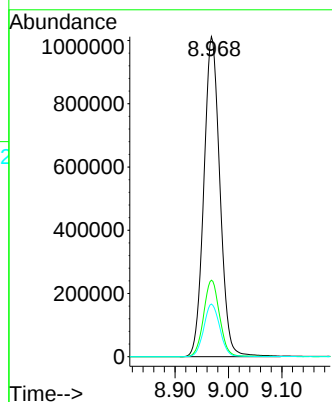
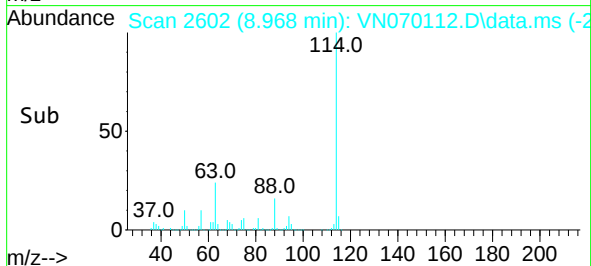


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

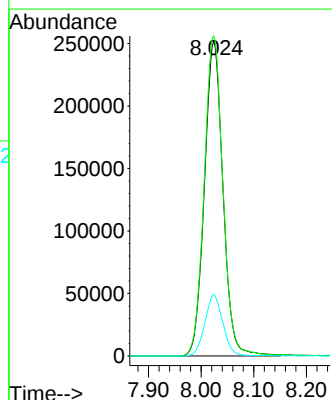
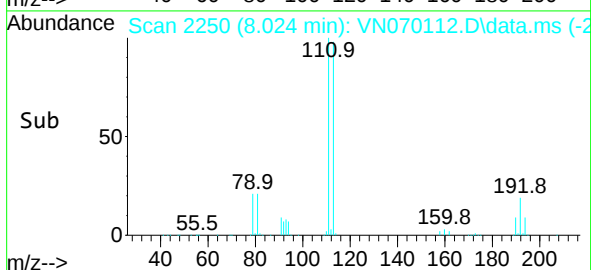
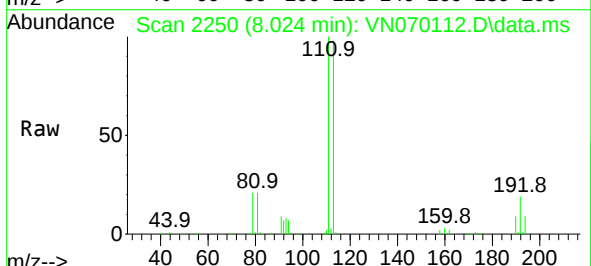


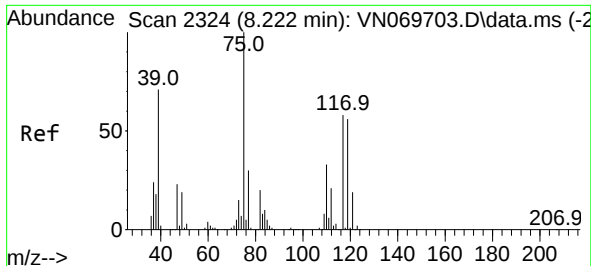
Tgt Ion:114 Resp: 2113985
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.679 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

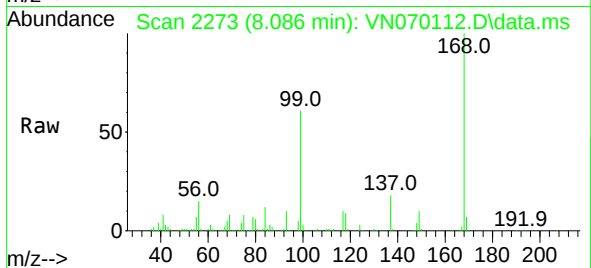
Tgt Ion:113 Resp: 618101
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.9 16.9 25.3



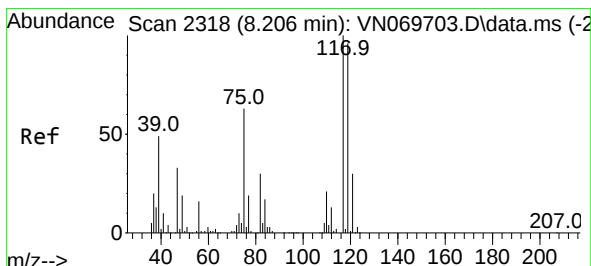
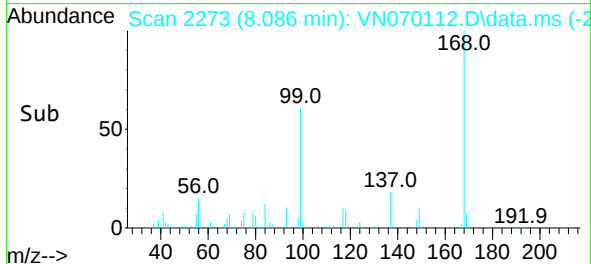
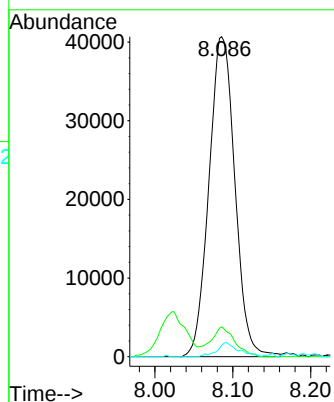


#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

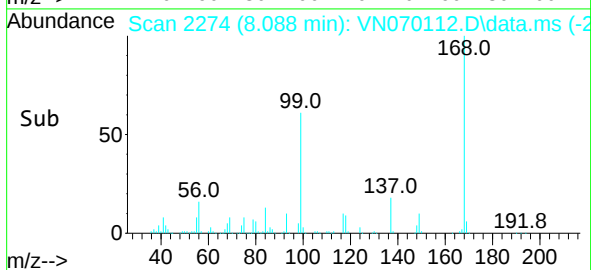
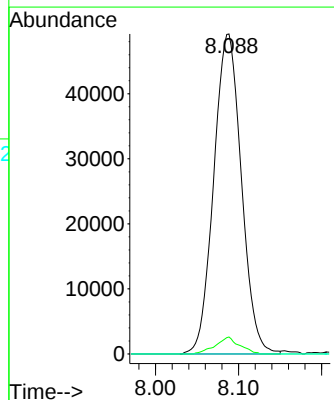
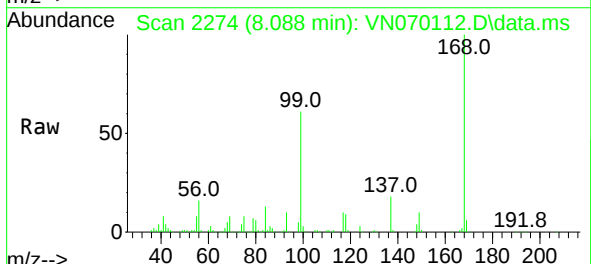


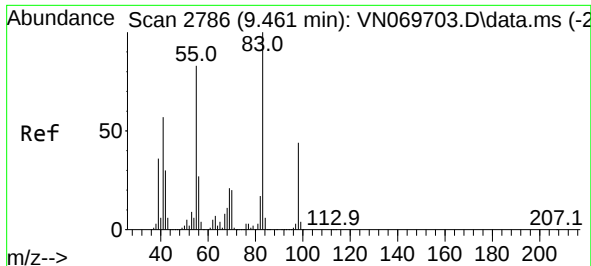
Tgt Ion: 75 Resp: 94025
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.759 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion: 117 Resp: 113657
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 3.686 ug/l

RT: 9.461 min Scan# 21

Delta R.T. 0.000 min

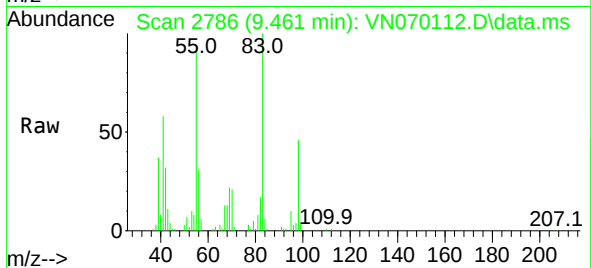
Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

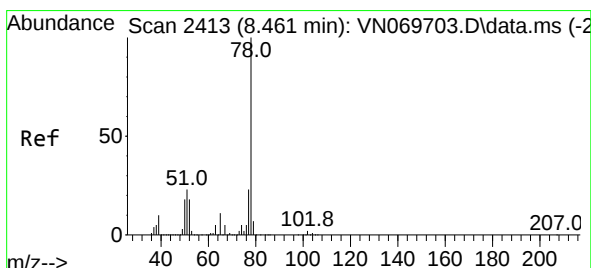
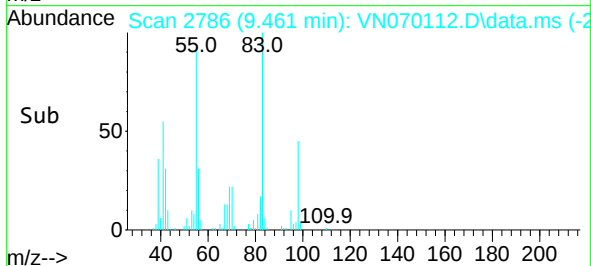
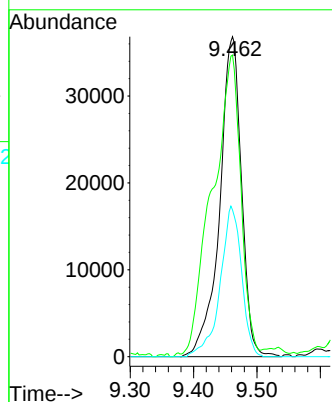
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	88229
Ion Ratio	Lower	Upper	
83	100		
55	93.4	58.1	87.1#
98	45.9	38.4	57.6



#40

Benzene

Concen: 26.737 ug/l

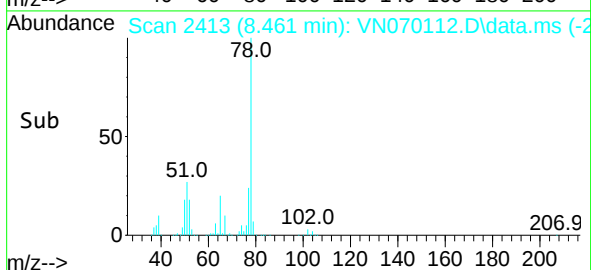
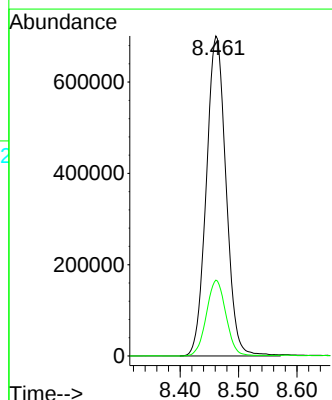
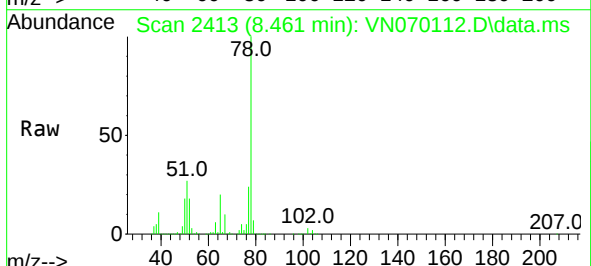
RT: 8.461 min Scan# 2413

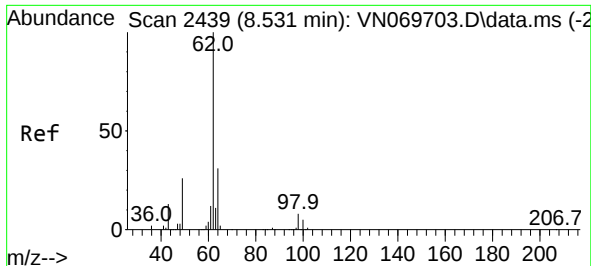
Delta R.T. 0.000 min

Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

Tgt Ion:	78	Resp:	1644694
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.6	27.8





#42

1,2-Dichloroethane

Concen: 0.644 ug/l

RT: 8.461 min Scan# 24

Delta R.T. -0.070 min

Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

Instrument :

MSVOA_N

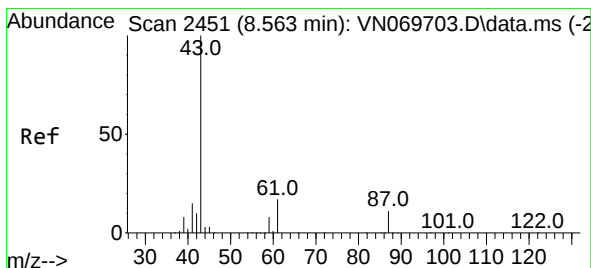
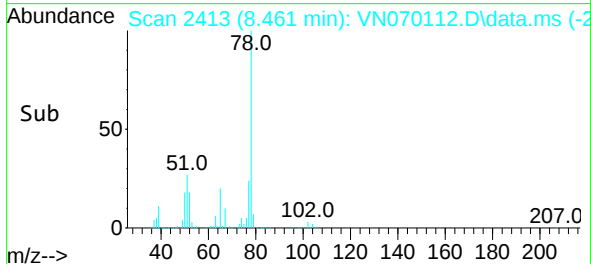
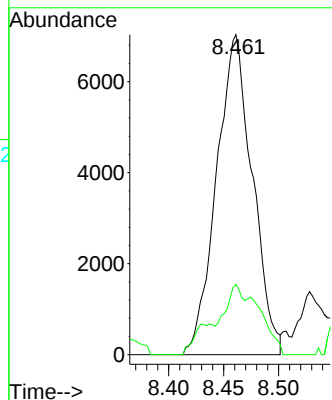
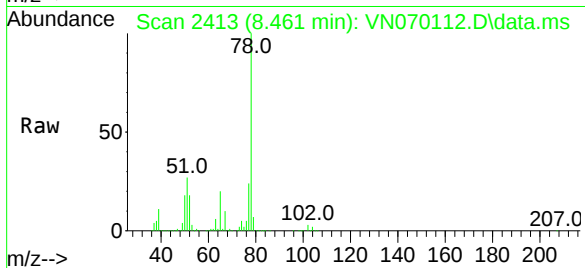
ClientSampleId :

Tgt Ion: 62 Resp: 15984

Ion Ratio Lower Upper

62 100

98 5.4 0.0 17.6



#43

Isopropyl Acetate

Concen: 1.615 ug/l

RT: 8.544 min Scan# 2444

Delta R.T. -0.019 min

Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

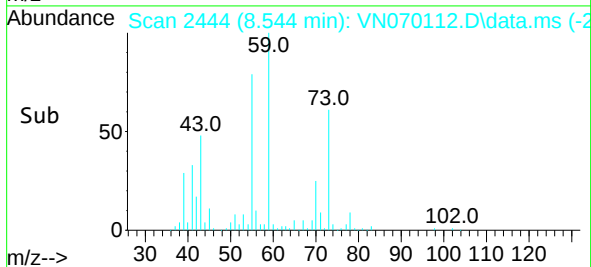
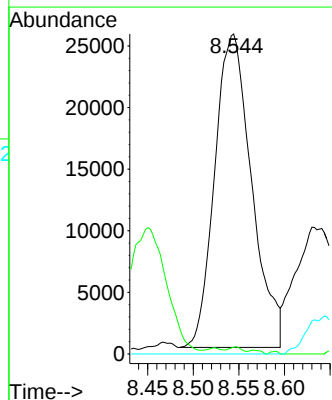
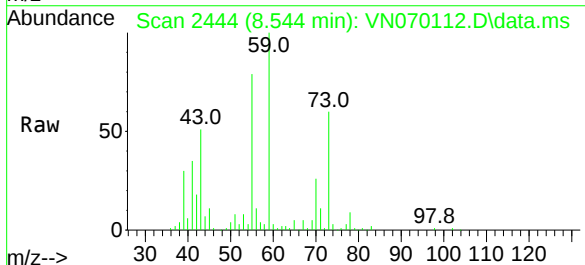
Tgt Ion: 43 Resp: 71596

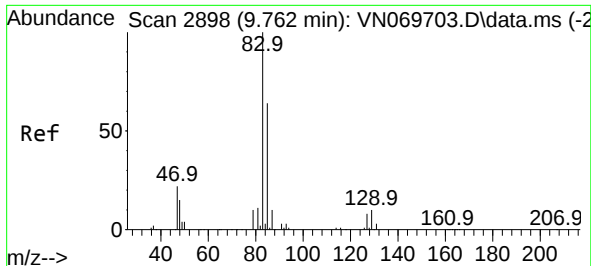
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 11.2 16.8#





#47

Bromodichloromethane

Concen: 0.252 ug/l

RT: 9.751 min Scan# 21

Delta R.T. -0.011 min

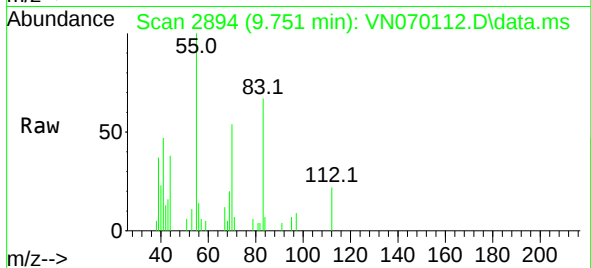
Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

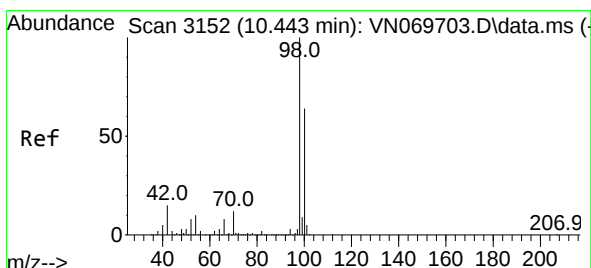
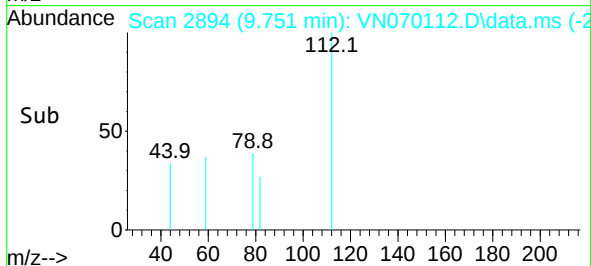
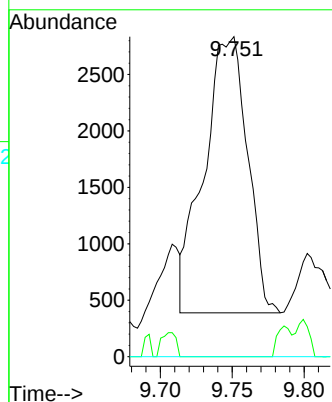
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	5159
Ion Ratio	Lower	Upper	
83	100		
85	0.0	50.9	76.3#
127	0.0	7.1	10.7#



#50

Toluene-d8

Concen: 52.493 ug/l

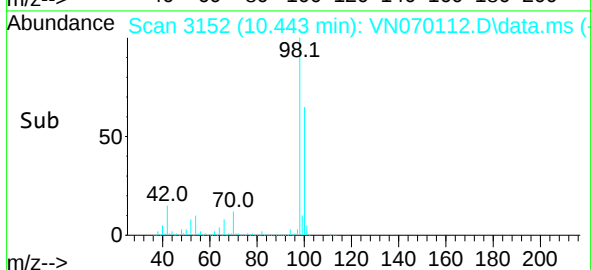
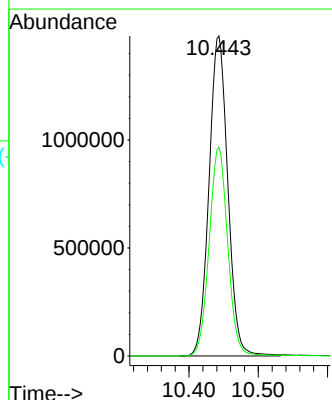
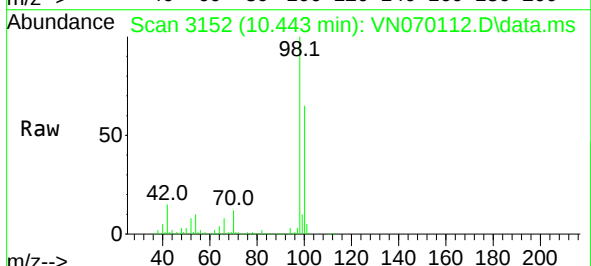
RT: 10.443 min Scan# 3152

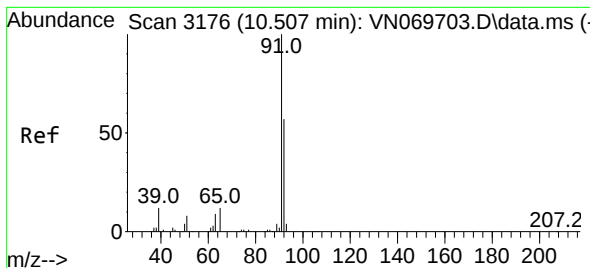
Delta R.T. 0.000 min

Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

Tgt Ion:	98	Resp:	2790987
Ion Ratio	Lower	Upper	
98	100		
100	64.4	50.4	75.6





#52

Toluene

Concen: 0.455 ug/l

RT: 10.505 min Scan# 3176

Delta R.T. -0.003 min

Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

Instrument :

MSVOA_N

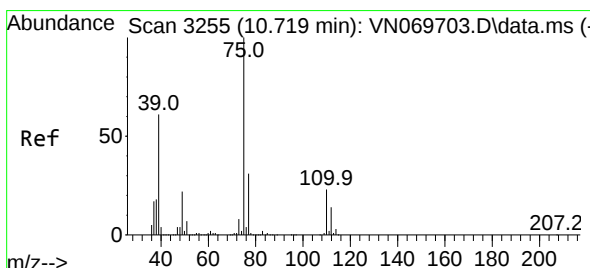
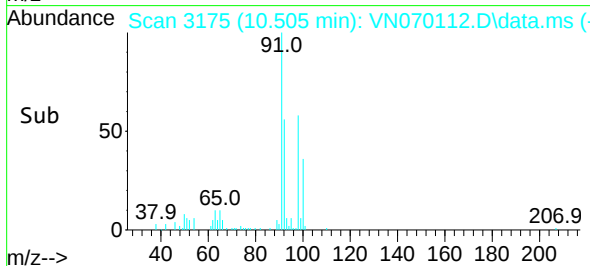
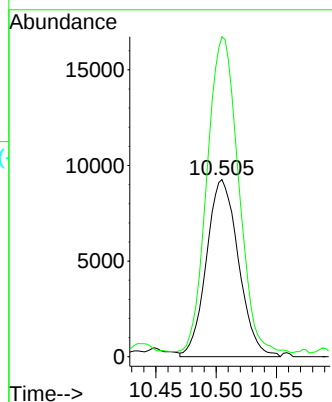
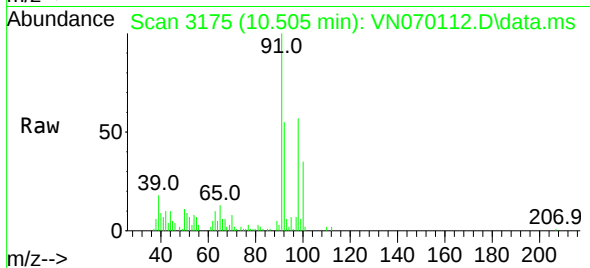
ClientSampleId :

Tgt Ion: 92 Resp: 17083

Ion Ratio Lower Upper

92 100

91 177.4 142.0 213.0



#53

t-1,3-Dichloropropene

Concen: 2.798 ug/l

RT: 10.714 min Scan# 3253

Delta R.T. -0.005 min

Lab File: VN070112.D

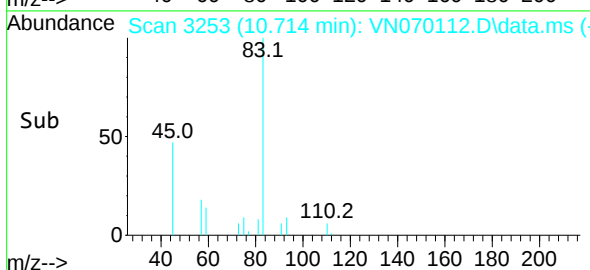
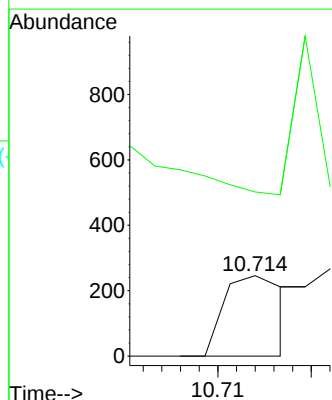
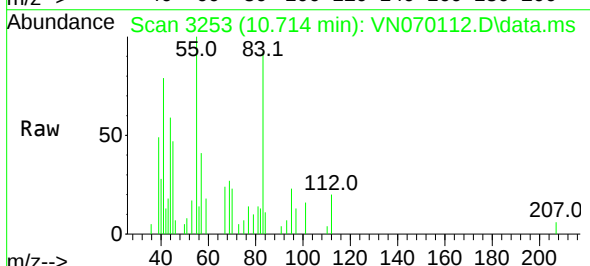
Acq: 15 Dec 2021 15:27

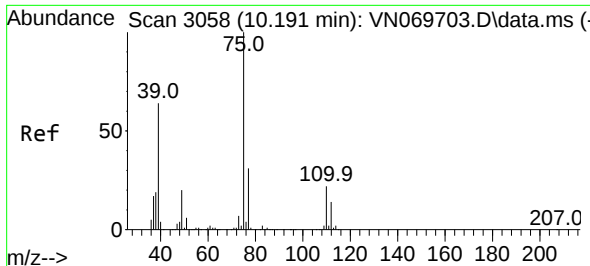
Tgt Ion: 75 Resp: 109

Ion Ratio Lower Upper

75 100

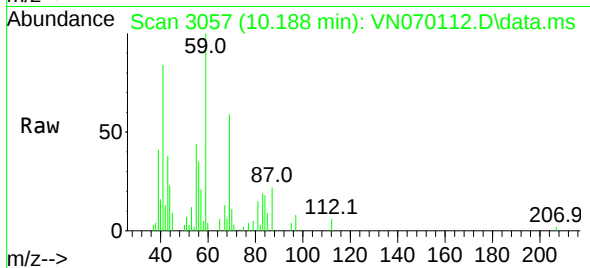
77 3.7 25.6 38.4#



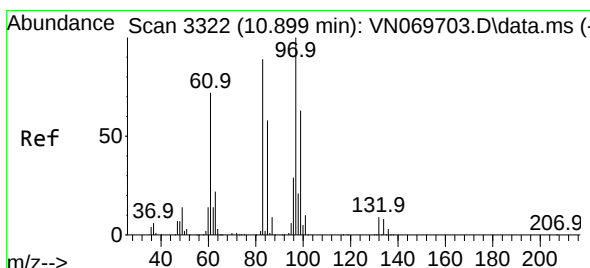
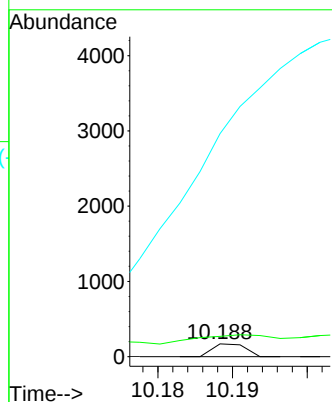
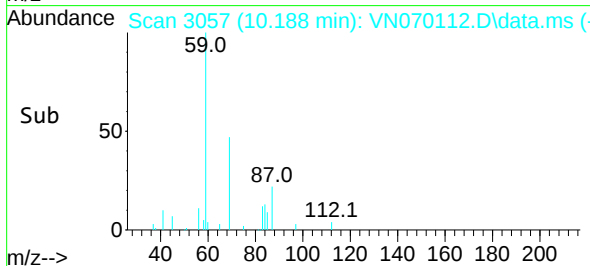


#54
 cis-1,3-Dichloropropene
 Concen: 2.001 ug/l
 RT: 10.188 min Scan# 3058
 Delta R.T. -0.003 min
 Lab File: VN070112.D
 Acq: 15 Dec 2021 15:27

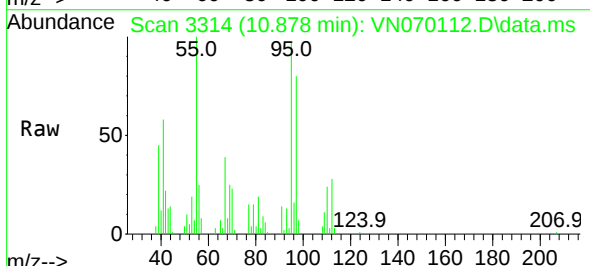
Instrument :
 MSVOA_N
 ClientSampleId :



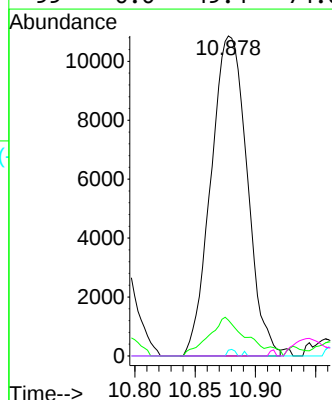
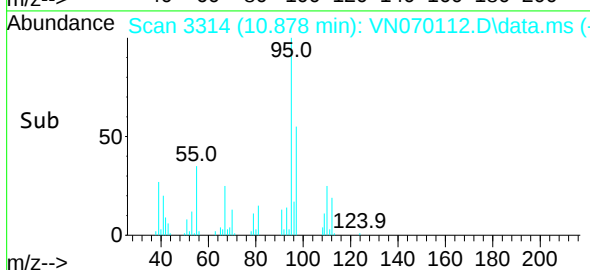
Tgt Ion: 75 Resp: 52
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.4 39.6
 39 546.2 42.5 63.7#

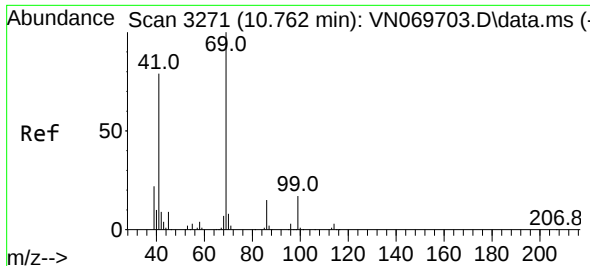


#55
 1,1,2-Trichloroethane
 Concen: 1.492 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.021 min
 Lab File: VN070112.D
 Acq: 15 Dec 2021 15:27



Tgt Ion: 97 Resp: 22605
 Ion Ratio Lower Upper
 97 100
 83 11.2 67.8 101.6#
 85 1.8 45.4 68.2#
 99 0.0 49.4 74.0#

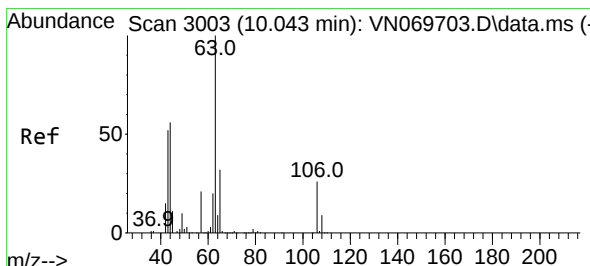
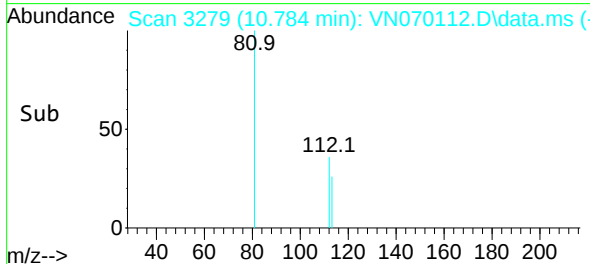
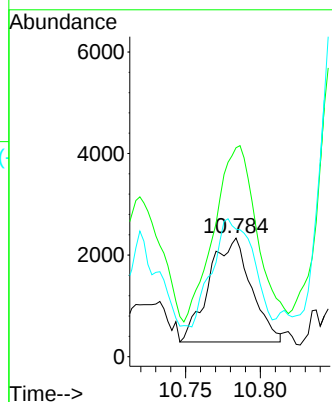
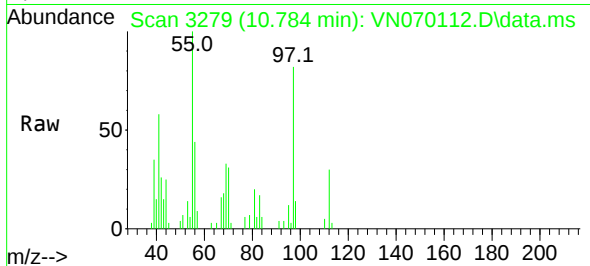




#56
Ethyl methacrylate
Concen: 2.413 ug/l
RT: 10.784 min Scan# 31
Delta R.T. 0.022 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

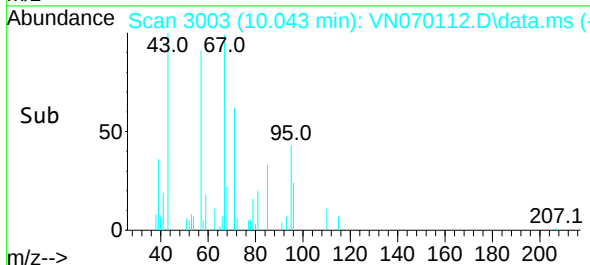
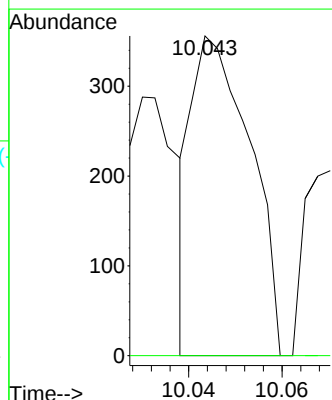
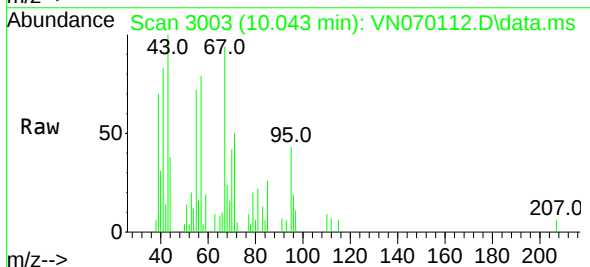
Instrument :
MSVOA_N
ClientSampleId :

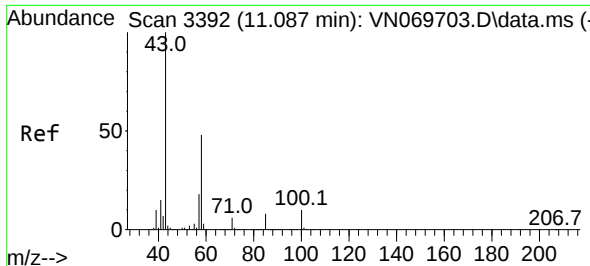
Tgt Ion: 69 Resp: 4002
Ion Ratio Lower Upper
69 100
41 176.2 51.4 77.0#
39 100.1 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.426 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion: 63 Resp: 311
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

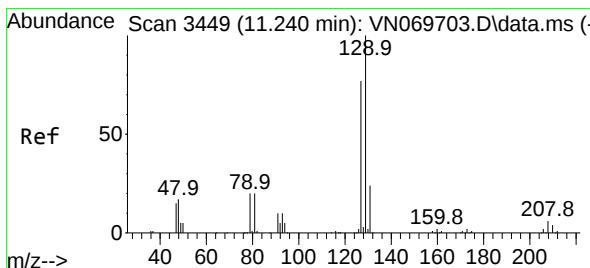
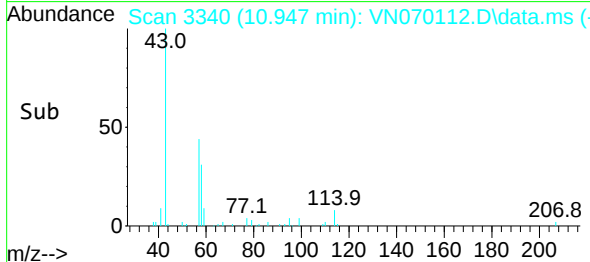
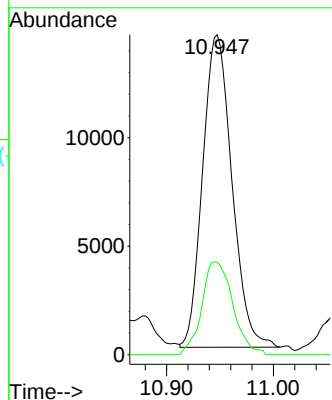
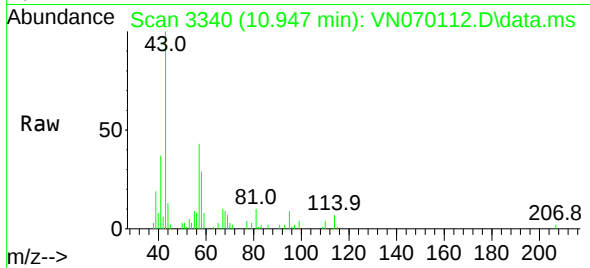




#59
2-Hexanone
Concen: 1.261 ug/l
RT: 10.947 min Scan# 31
Delta R.T. -0.140 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

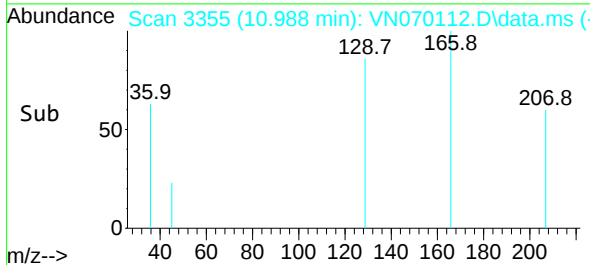
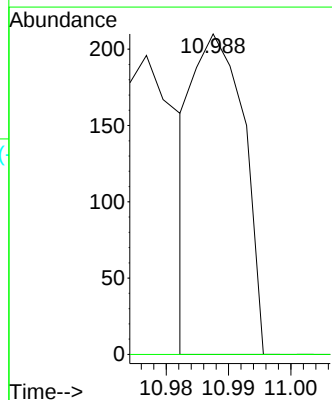
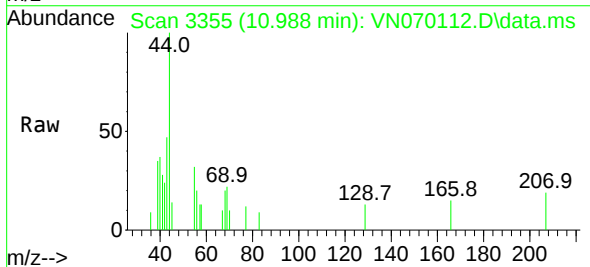
Instrument :
MSVOA_N
ClientSampleId :

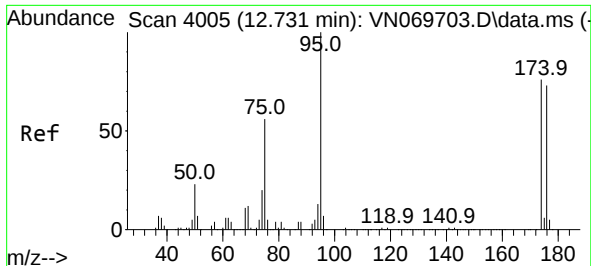
Tgt Ion: 43 Resp: 27437
Ion Ratio Lower Upper
43 100
58 31.4 26.9 80.7



#60
Dibromochloromethane
Concen: 2.383 ug/l
RT: 10.988 min Scan# 3355
Delta R.T. -0.252 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion: 129 Resp: 119
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

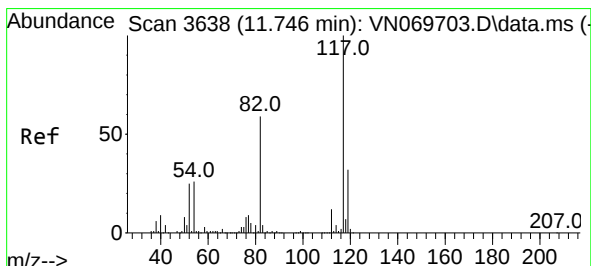
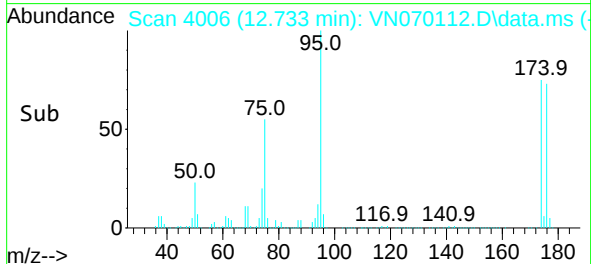
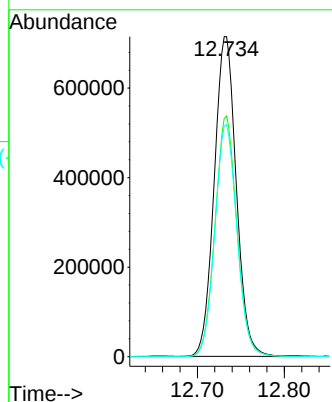
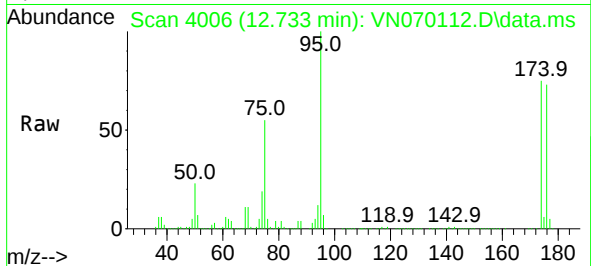




#62
4-Bromofluorobenzene
Concen: 65.389 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

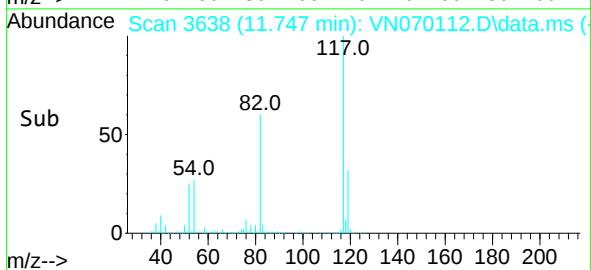
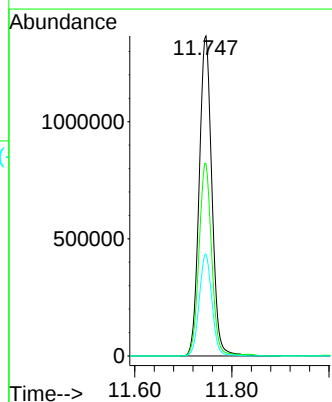
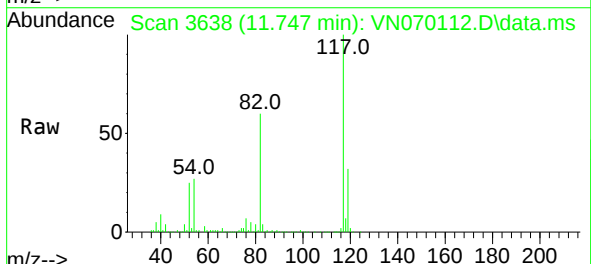
Instrument :
MSVOA_N
ClientSampleId :

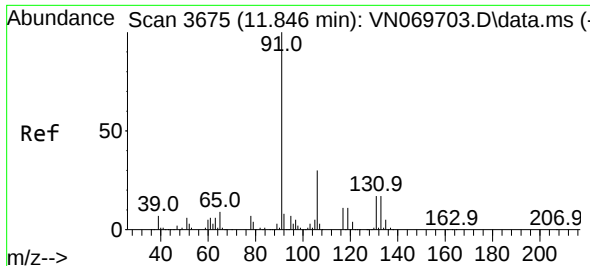
Tgt Ion: 95 Resp: 1259525
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion: 117 Resp: 2472256
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.8 25.4 38.2





#67

Ethyl Benzene

Concen: 0.207 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

Instrument :

MSVOA_N

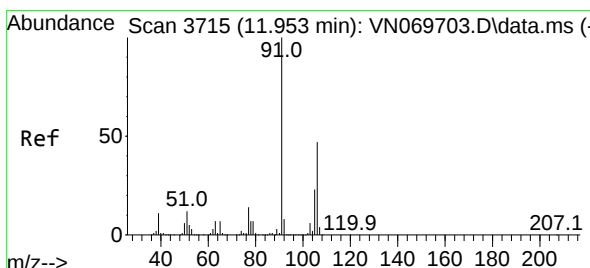
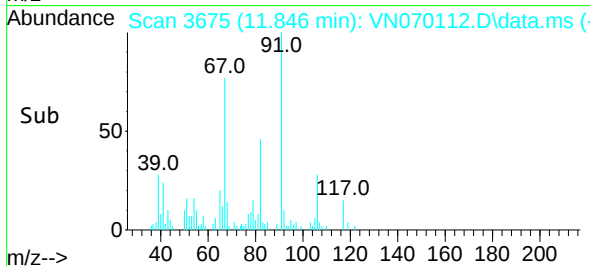
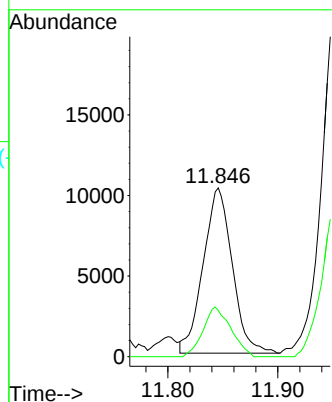
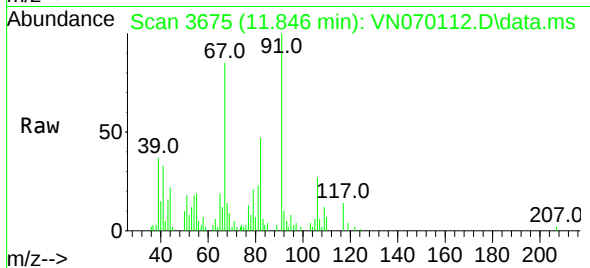
ClientSampleId :

Tgt Ion: 91 Resp: 18834

Ion Ratio Lower Upper

91 100

106 28.0 25.7 38.5



#68

m/p-Xylenes

Concen: 0.656 ug/l

RT: 11.956 min Scan# 3716

Delta R.T. 0.003 min

Lab File: VN070112.D

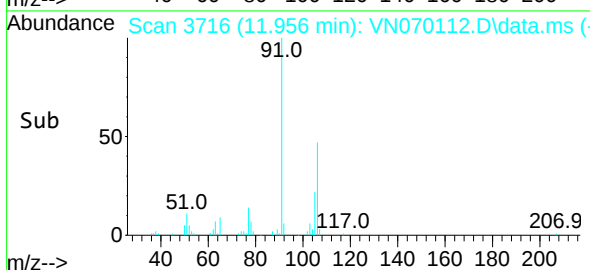
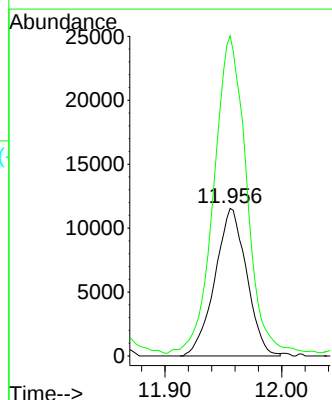
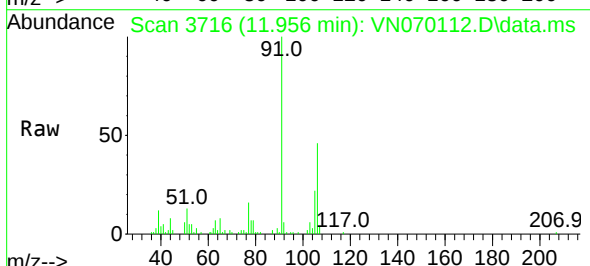
Acq: 15 Dec 2021 15:27

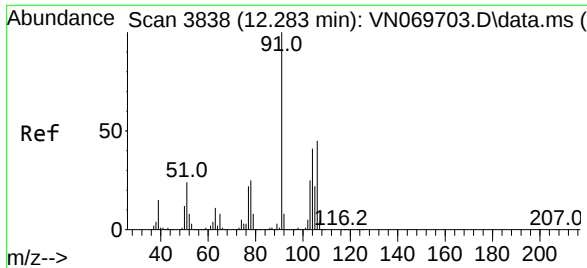
Tgt Ion: 106 Resp: 21766

Ion Ratio Lower Upper

106 100

91 220.8 160.6 240.8

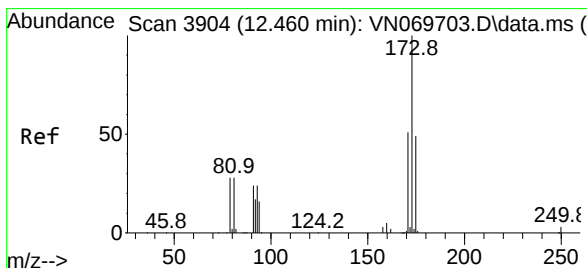
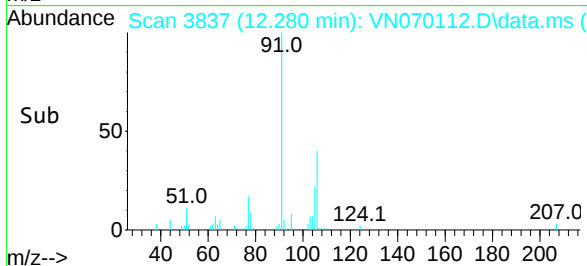
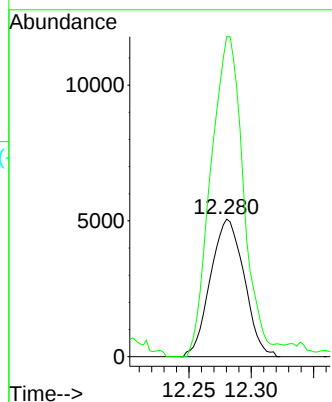
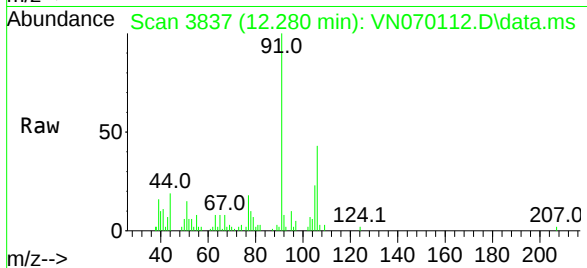




#69
o-Xylene
Concen: 0.285 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

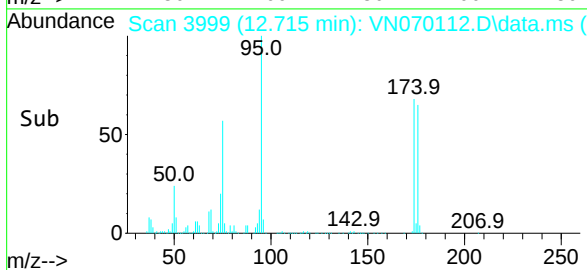
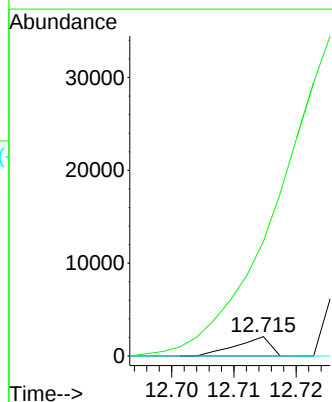
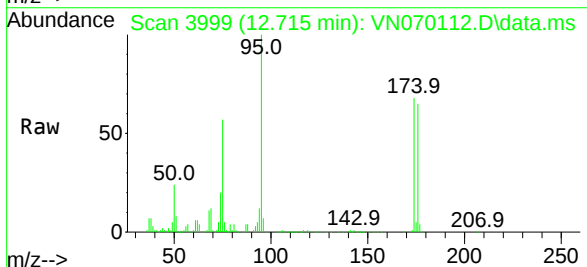
Instrument :
MSVOA_N
ClientSampleId :

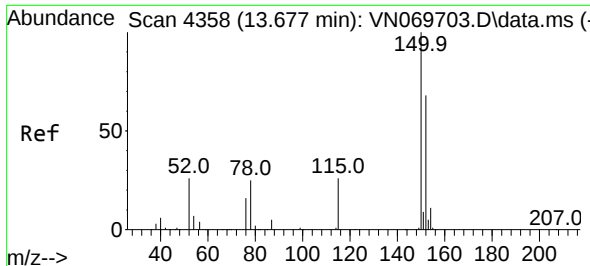
Tgt Ion:106 Resp: 9539
Ion Ratio Lower Upper
106 100
91 224.7 105.8 317.3



#71
Bromoform
Concen: 2.780 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

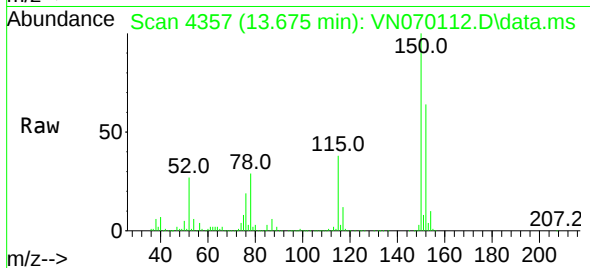
Tgt Ion:173 Resp: 788
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



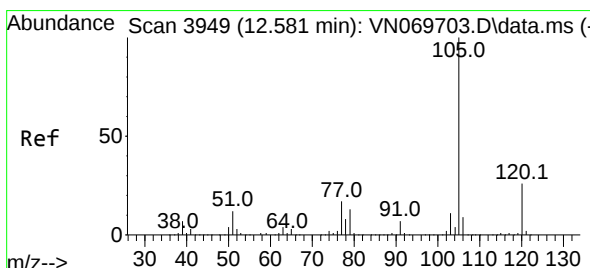
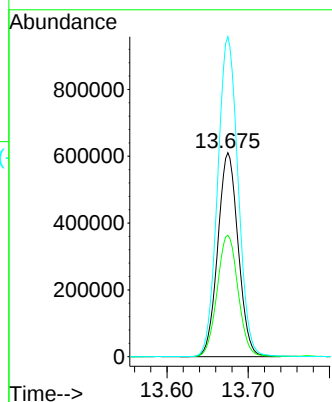
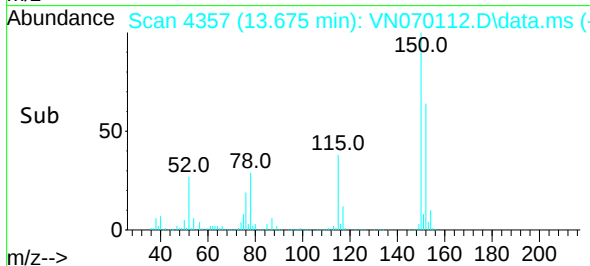


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

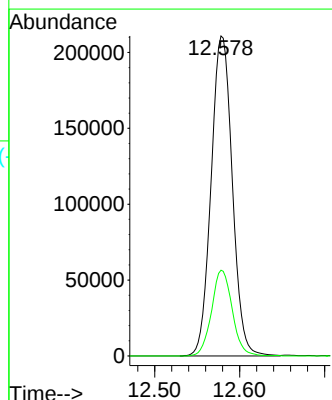
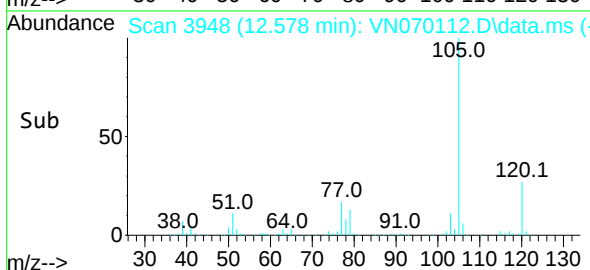
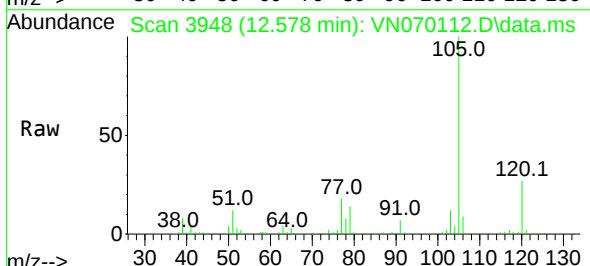


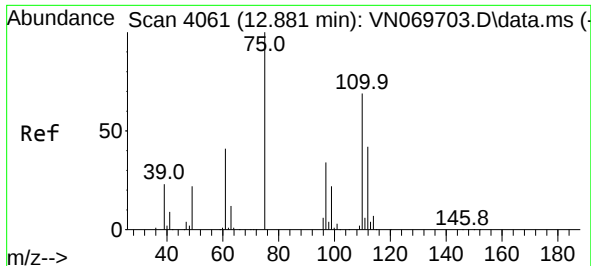
Tgt Ion:152 Resp: 1063950
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.6 0.0 344.4



#73
Isopropylbenzene
Concen: 3.863 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion:105 Resp: 365681
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

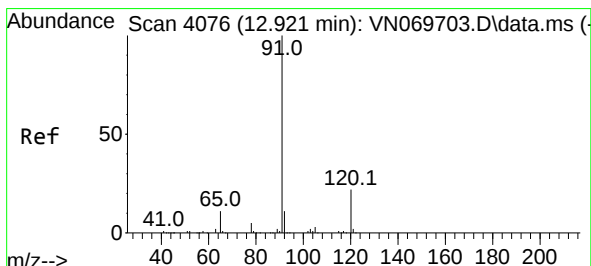
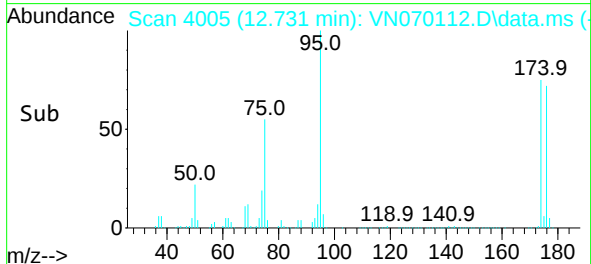
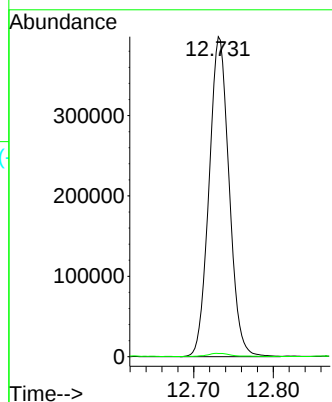
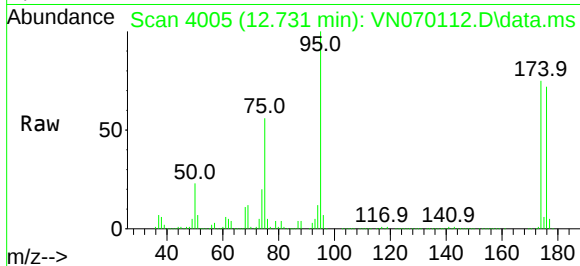




#76
1,2,3-Trichloropropane
Concen: 22.871 ug/l
RT: 12.731 min Scan# 4061
Delta R.T. -0.150 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

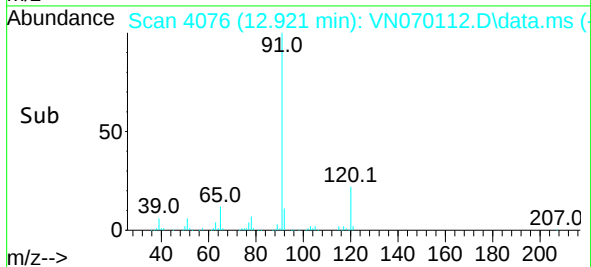
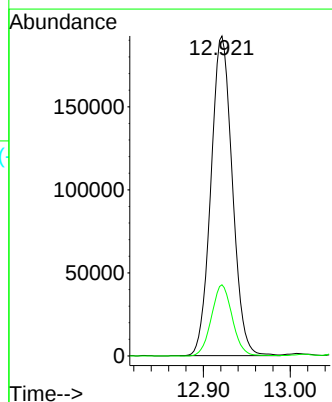
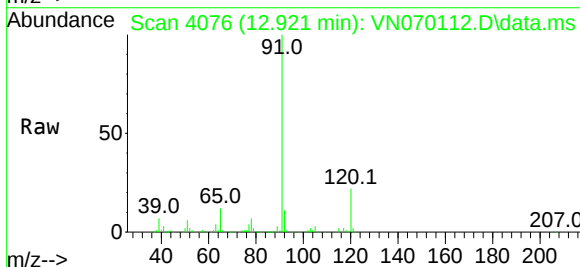
Instrument :
MSVOA_N
ClientSampleId :

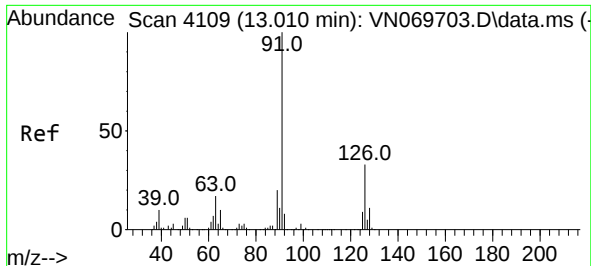
Tgt Ion: 75 Resp: 697826
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#78
n-propylbenzene
Concen: 3.125 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion: 91 Resp: 329168
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

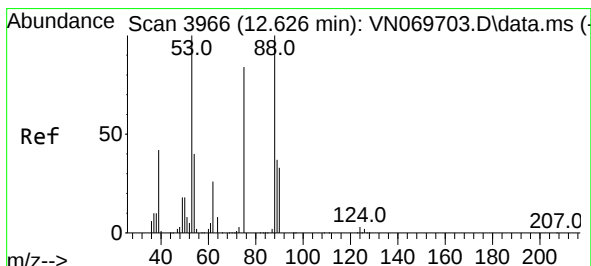
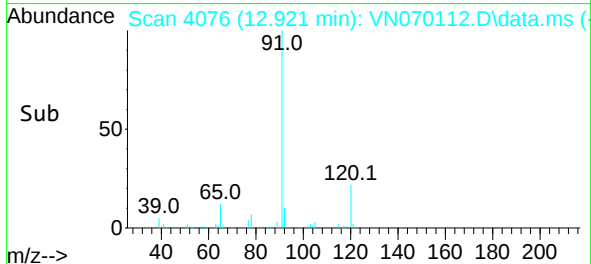
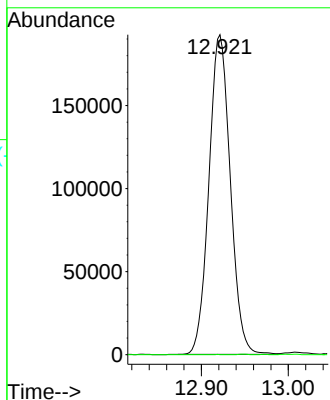
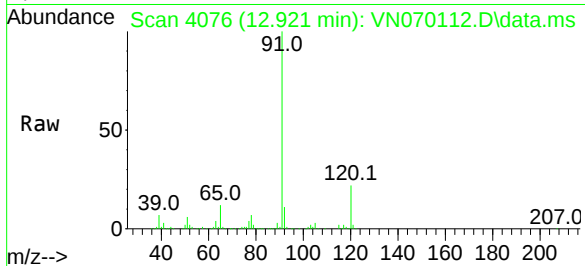




#79
2-Chlorotoluene
Concen: 4.945 ug/l
RT: 12.921 min Scan# 4005
Delta R.T. -0.088 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

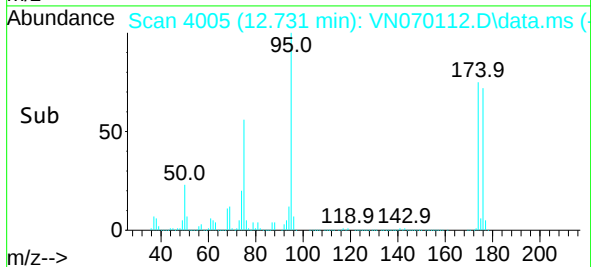
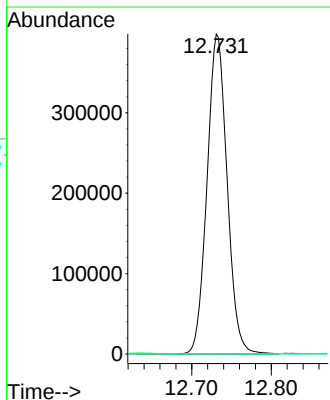
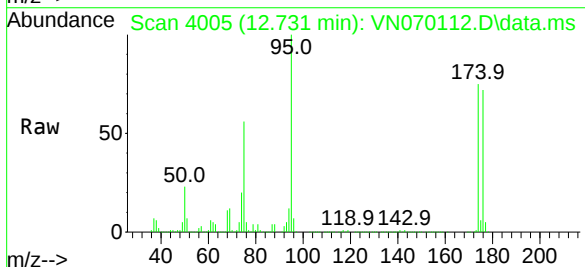
Instrument :
MSVOA_N
ClientSampleId :

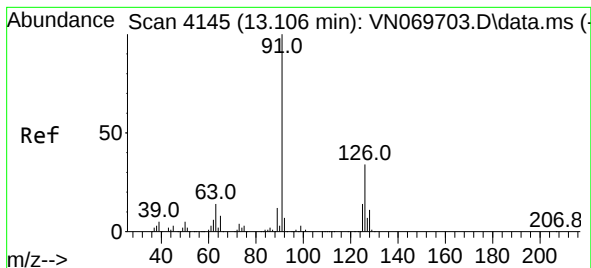
Tgt Ion: 91 Resp: 329168
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.835 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion: 75 Resp: 697826
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#





#82

4-Chlorotoluene

Concen: 5.259 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. -0.185 min

Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

Instrument :

MSVOA_N

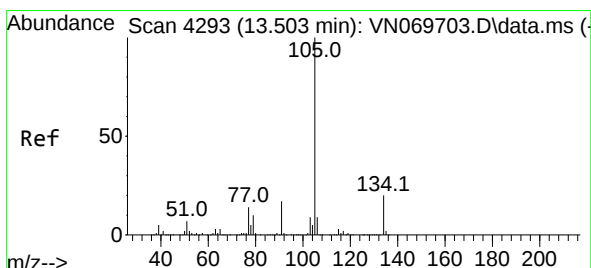
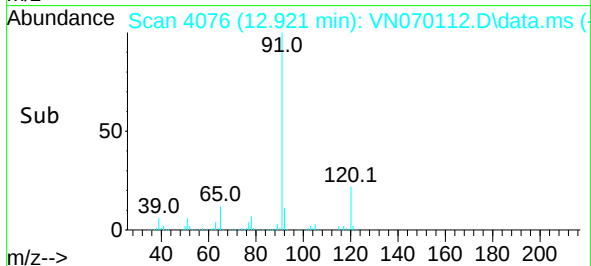
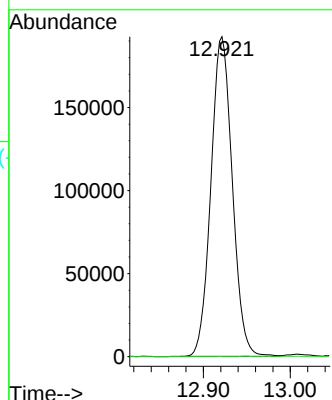
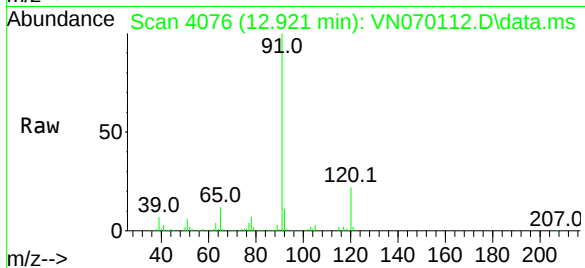
ClientSampleId :

Tgt Ion: 91 Resp: 329168

Ion Ratio Lower Upper

91 100

126 0.0 18.2 54.6#



#85

sec-Butylbenzene

Concen: 0.293 ug/l

RT: 13.501 min Scan# 4292

Delta R.T. -0.003 min

Lab File: VN070112.D

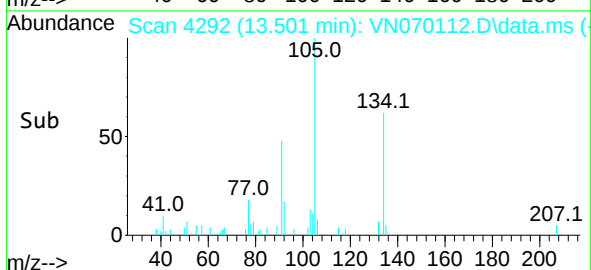
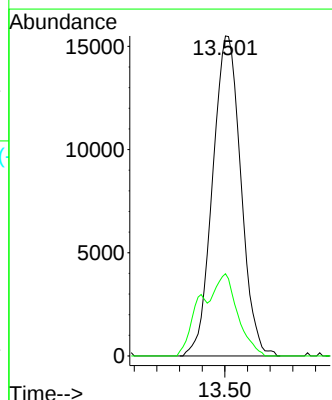
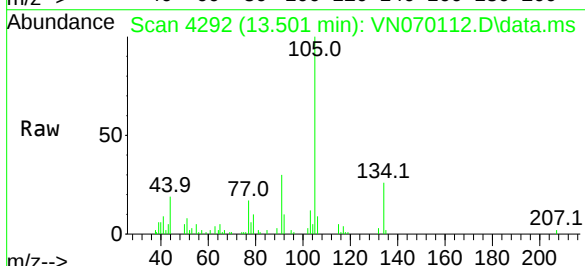
Acq: 15 Dec 2021 15:27

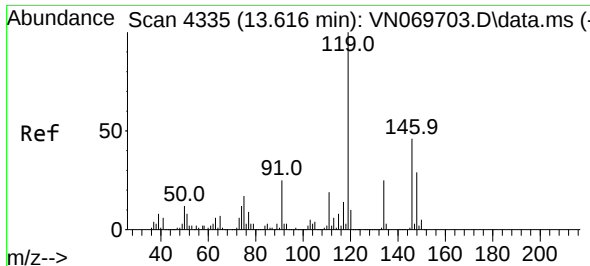
Tgt Ion: 105 Resp: 26795

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1

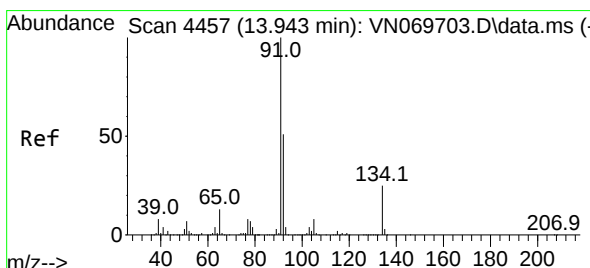
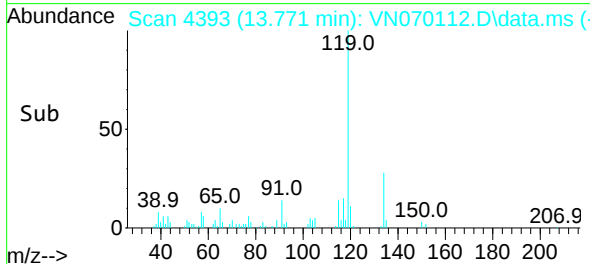
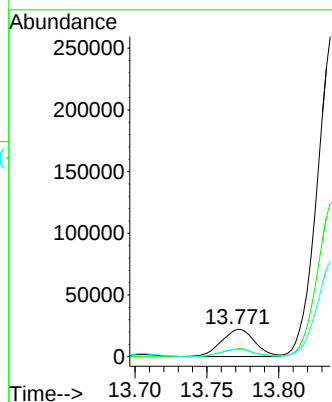
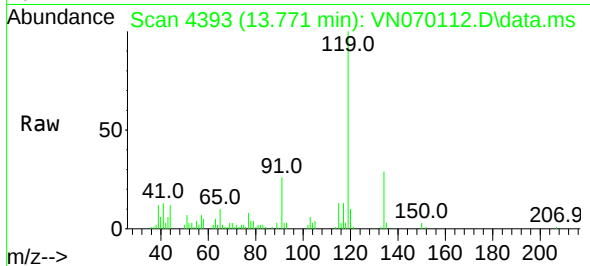




#86
p-Isopropyltoluene
Concen: 0.494 ug/l
RT: 13.771 min Scan# 41
Delta R.T. 0.156 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

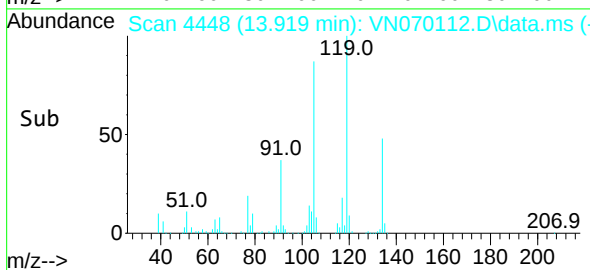
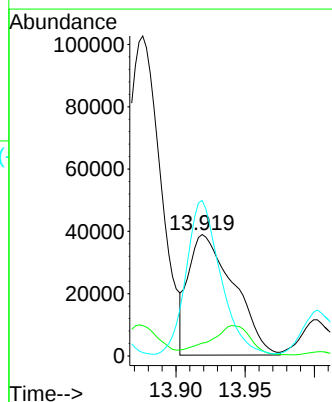
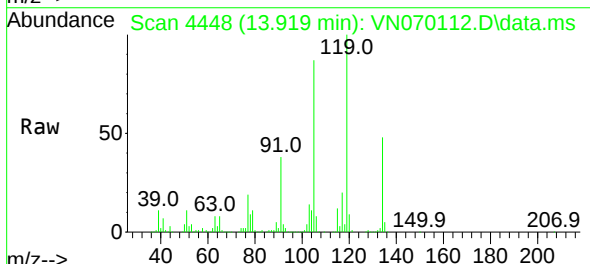
Instrument :
MSVOA_N
ClientSampleId :

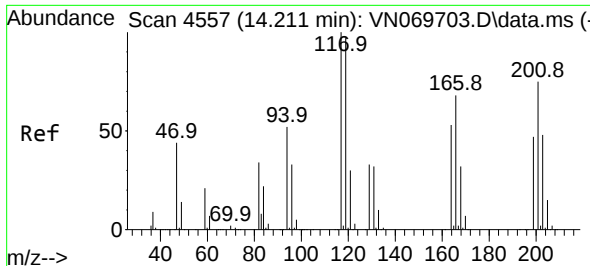
Tgt Ion:119 Resp: 35353
Ion Ratio Lower Upper
119 100
134 28.3 13.6 40.7
91 24.8 11.4 34.1



#89
n-Butylbenzene
Concen: 1.522 ug/l
RT: 13.919 min Scan# 4448
Delta R.T. -0.024 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion: 91 Resp: 88330
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.0#
134 98.5 13.6 40.8#

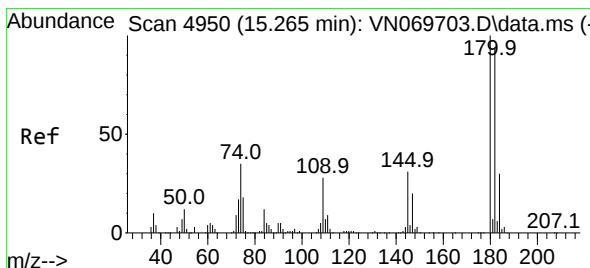
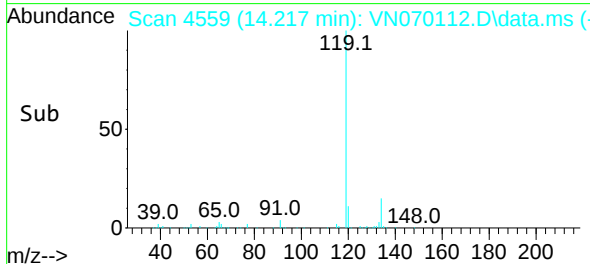
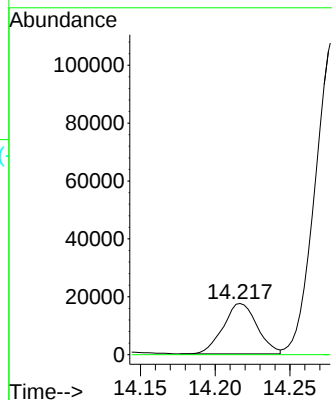
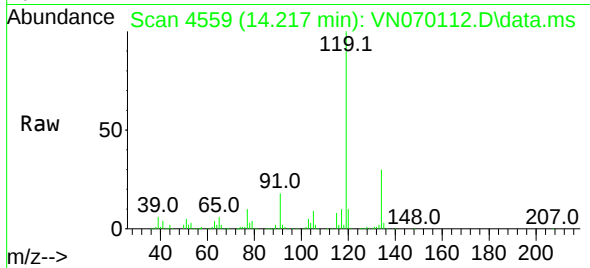




#90
Hexachloroethane
Concen: 2.198 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

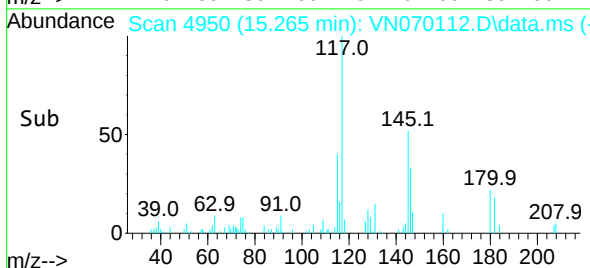
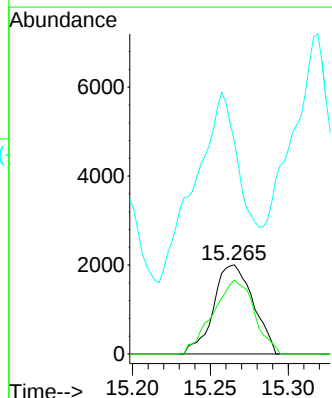
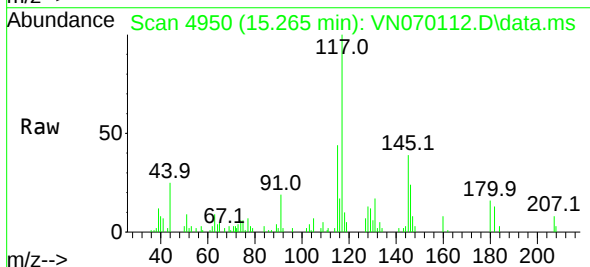
Instrument :
MSVOA_N
ClientSampleId :

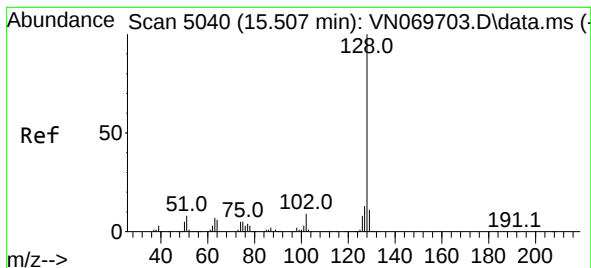
Tgt Ion:117 Resp: 27605
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#93
1,2,4-Trichlorobenzene
Concen: 3.070 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070112.D
Acq: 15 Dec 2021 15:27

Tgt Ion:180 Resp: 3552
Ion Ratio Lower Upper
180 100
182 86.1 48.3 144.9
145 421.1 14.5 43.5#





#95

Naphthalene

Concen: 4.359 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN070112.D

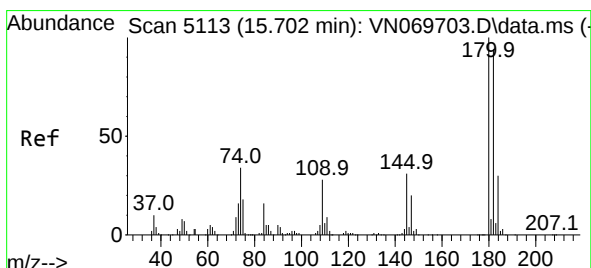
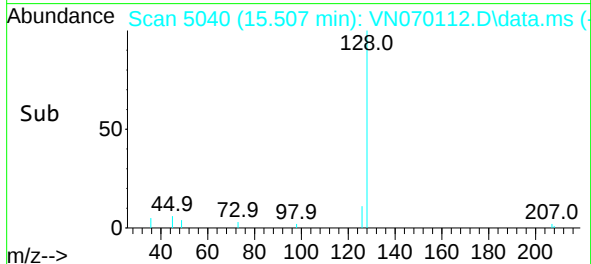
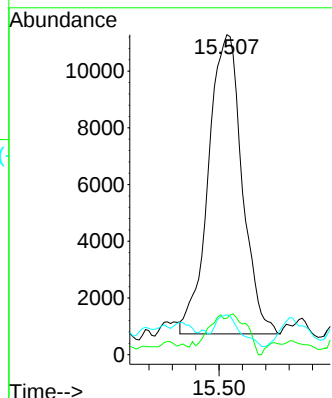
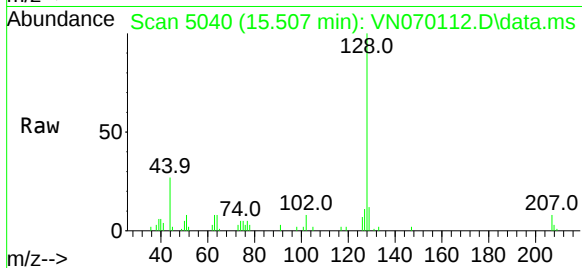
Acq: 15 Dec 2021 15:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	21135
Ion Ratio	Lower	Upper
128	100	
127	5.1	10.5 15.7#
129	7.9	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 2.649 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.000 min

Lab File: VN070112.D

Acq: 15 Dec 2021 15:27

Tgt Ion:180	Resp:	3810
Ion Ratio	Lower	Upper
180	100	
182	99.1	47.4 142.2
145	0.0	15.0 45.1#

