

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067993.D
 Acq On : 3 Aug 2021 19:52
 Operator : JC/MD
 Sample : M3261-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41937

Quant Time: Aug 04 03:42:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

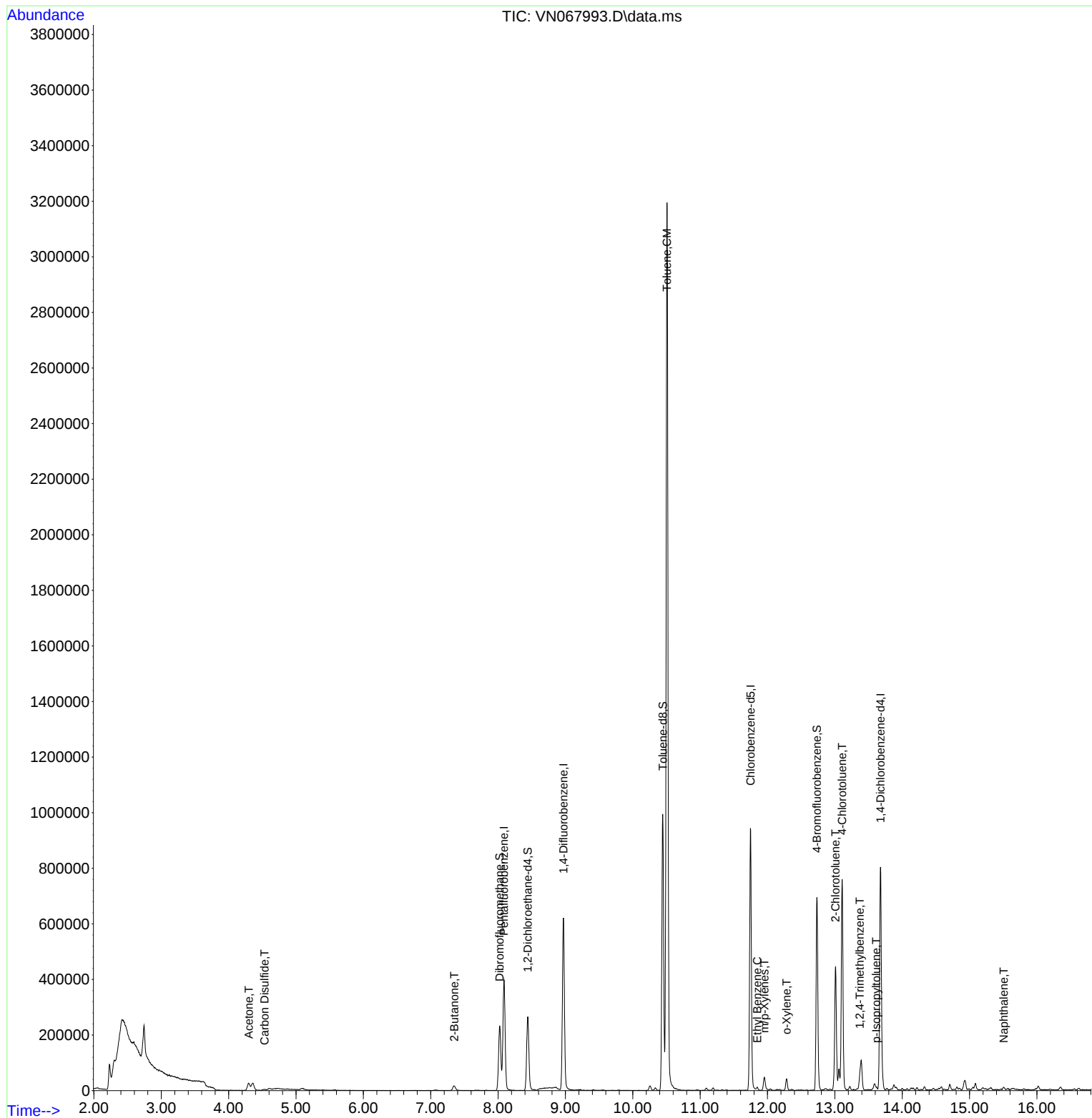
Internal Standards						
1) Pentafluorobenzene	8.088	168	284371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	546886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	544899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	212972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	225088	55.912	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.820%			
35) Dibromofluoromethane	8.024	113	171840	53.916	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.840%			
50) Toluene-d8	10.446	98	700388	47.800	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.600%			
62) 4-Bromofluorobenzene	12.733	95	243599	45.719	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.440%			
Target Compounds					Qvalue	
16) Acetone	4.299	43	48025	32.695	ug/l	92
17) Carbon Disulfide	4.535	76	9122	1.166	ug/l	99
25) 2-Butanone	7.351	43	27745	13.019	ug/l	96
52) Toluene	10.507	92	1410864	144.986	ug/l	98
67) Ethyl Benzene	11.848	91	8076	0.409	ug/l #	75
68) m/p-Xylenes	11.956	106	14905	5.721	ug/l	93
69) o-Xylene	12.283	106	10988	1.514	ug/l	99
79) 2-Chlorotoluene	13.010	91	263541	22.053	ug/l	94
82) 4-Chlorotoluene	13.109	91	463031	38.591	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	30158	2.210	ug/l	96
86) p-Isopropyltoluene	13.613	119	5407	0.415	ug/l #	70
95) Naphthalene	15.507	128	8828	4.052	ug/l #	91

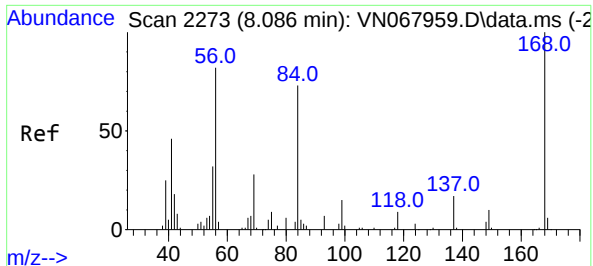
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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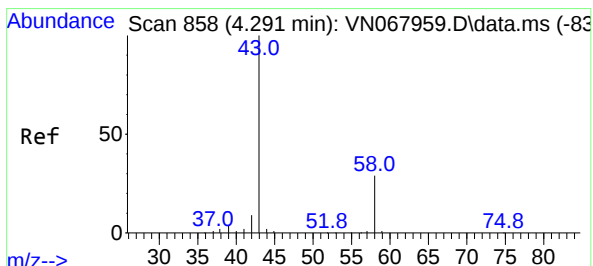
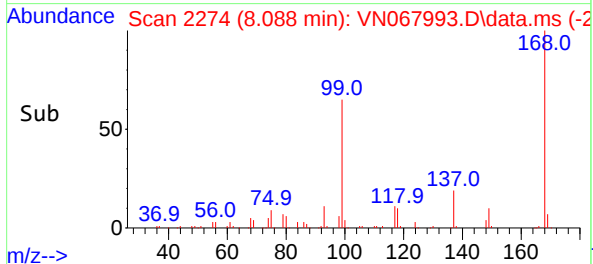
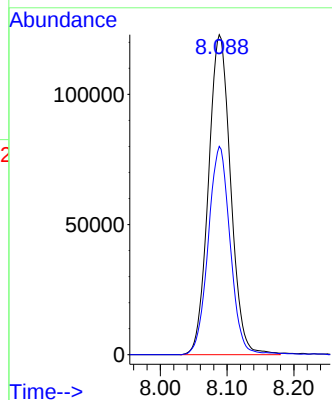
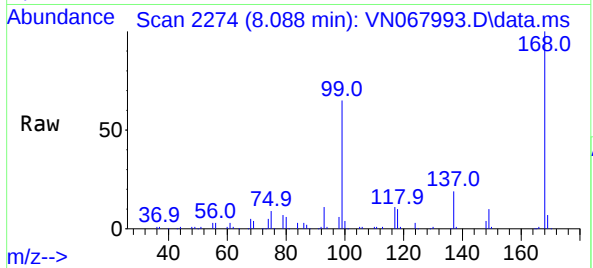




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

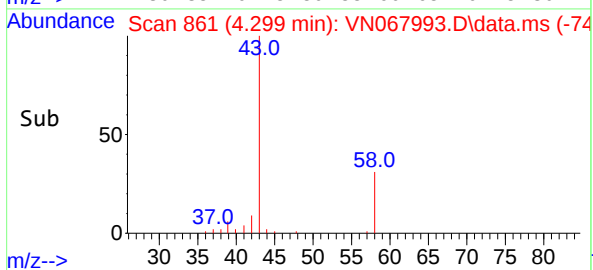
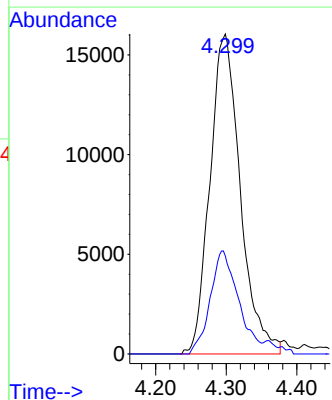
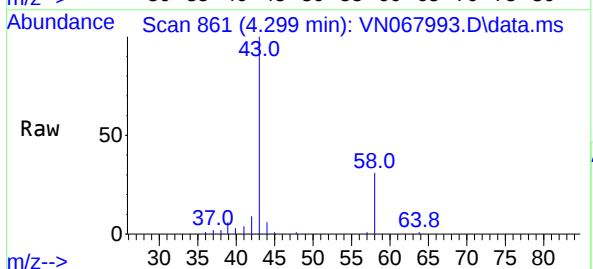
Instrument :
MSVOA_N
ClientSampled :
41937

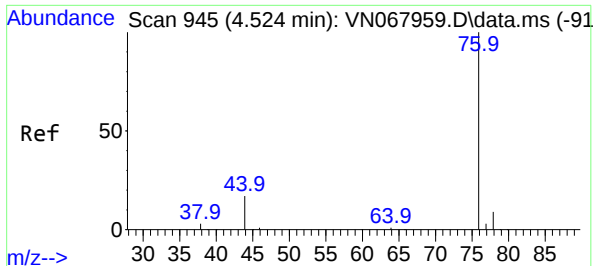
Tgt Ion:168 Resp: 284371
Ion Ratio Lower Upper
168 100
99 65.1 62.9 94.3



#16
Acetone
Concen: 32.695 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Tgt Ion: 43 Resp: 48025
Ion Ratio Lower Upper
43 100
58 30.6 21.2 31.8

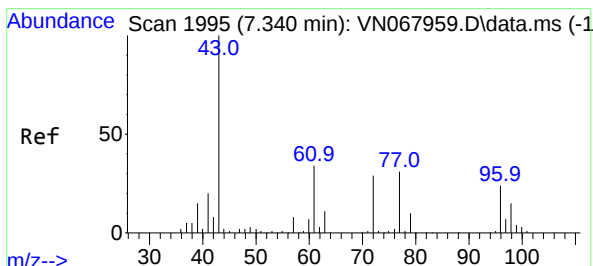
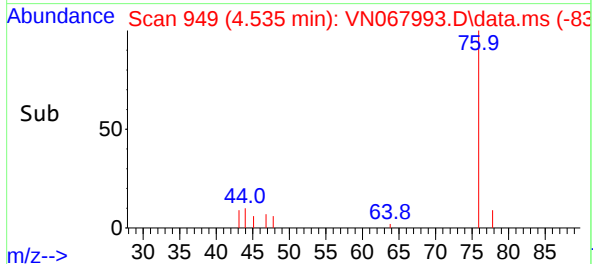
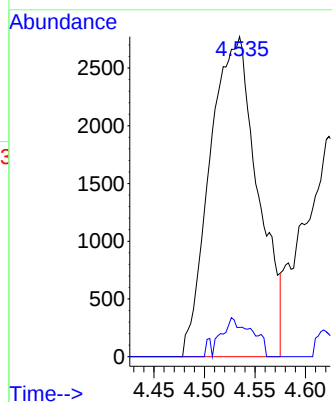
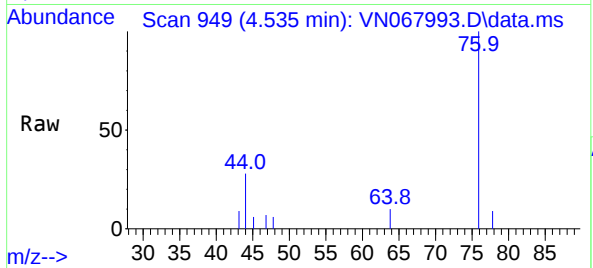




#17
Carbon Disulfide
Concen: 1.166 ug/l
RT: 4.535 min Scan# 949
Delta R.T. 0.011 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

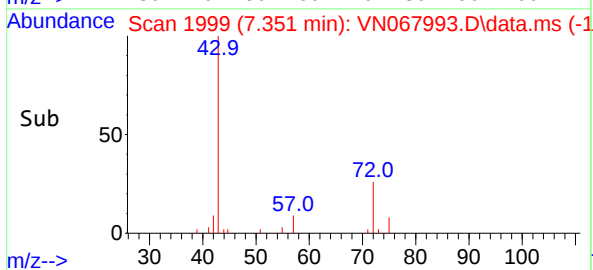
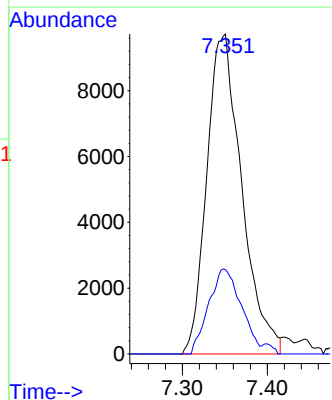
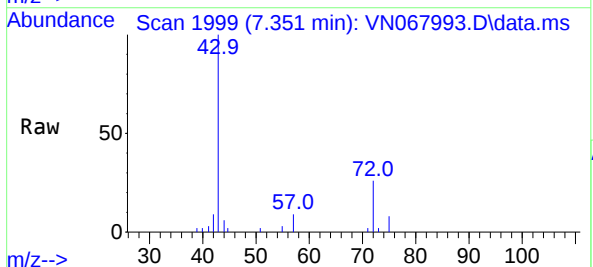
Instrument :
MSVOA_N
ClientSampled :
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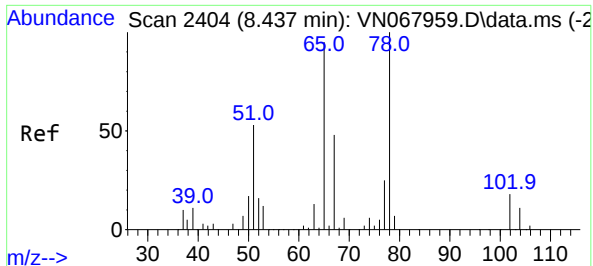
Tgt Ion: 76 Resp: 9122
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#25
2-Butanone
Concen: 13.019 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.011 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Tgt Ion: 43 Resp: 27745
Ion Ratio Lower Upper
43 100
72 26.3 19.7 29.5

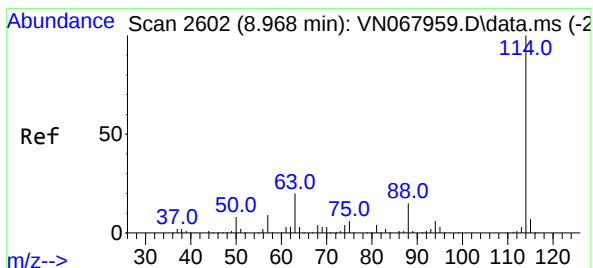
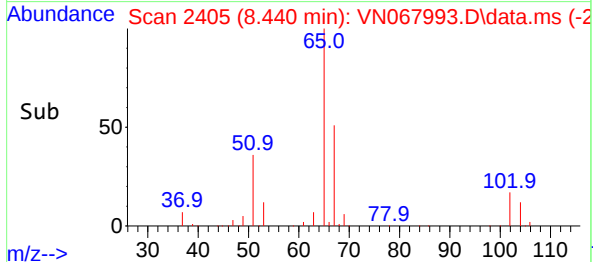
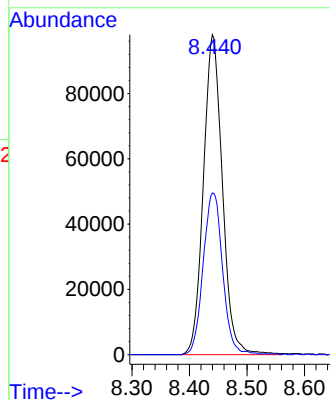
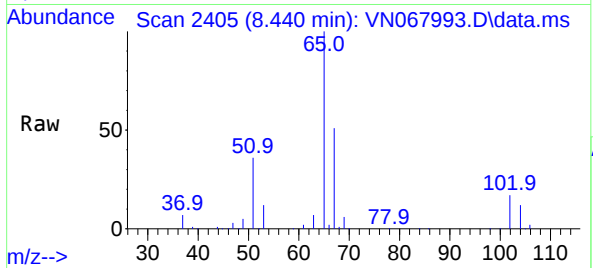




#33
1,2-Dichloroethane-d4
Concen: 55.912 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

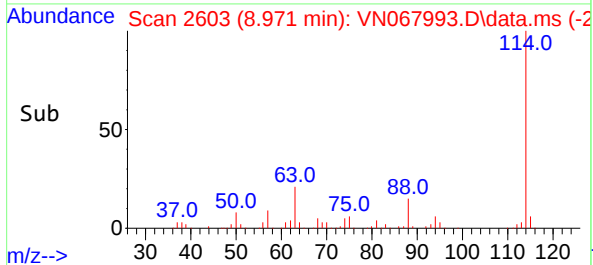
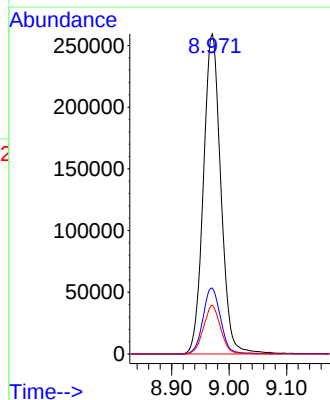
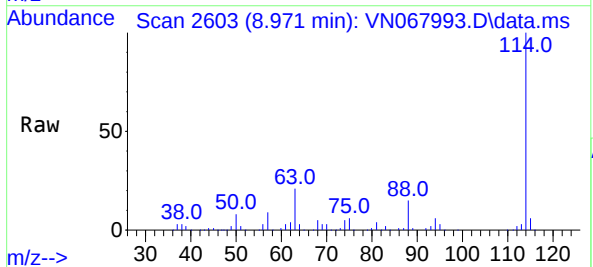
Instrument :
MSVOA_N
ClientSampleId :
41937

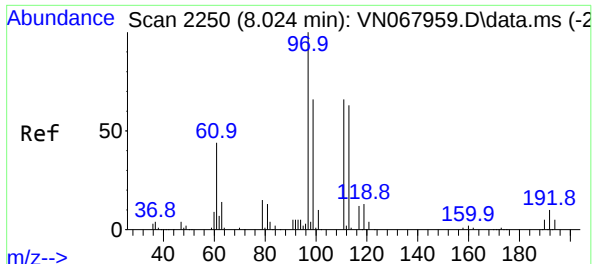
Tgt Ion: 65 Resp: 225088
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Tgt Ion: 114 Resp: 546886
Ion Ratio Lower Upper
114 100
63 20.5 0.0 49.0
88 15.2 0.0 36.6

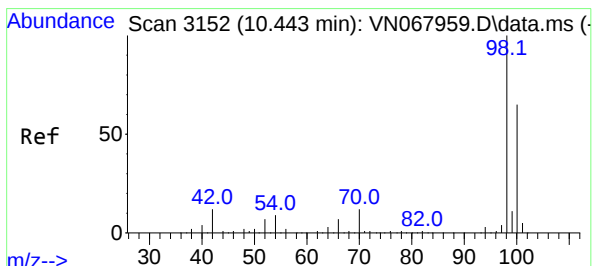
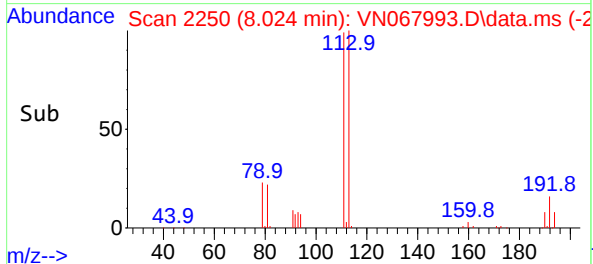
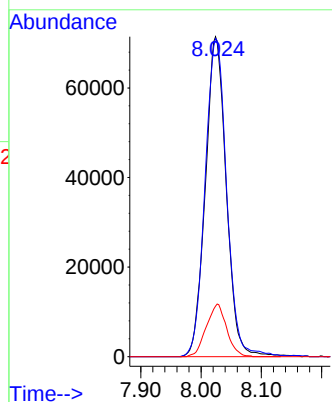
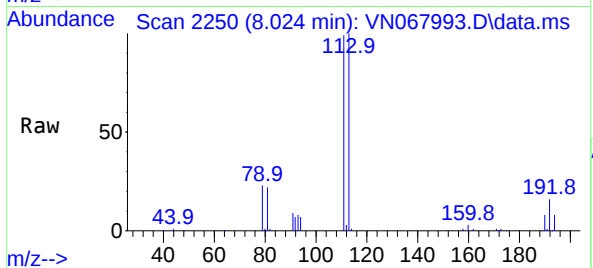




#35
Dibromofluoromethane
Concen: 53.916 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

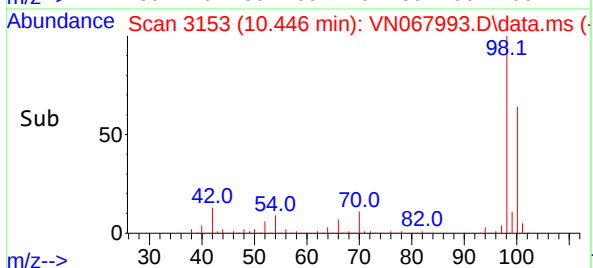
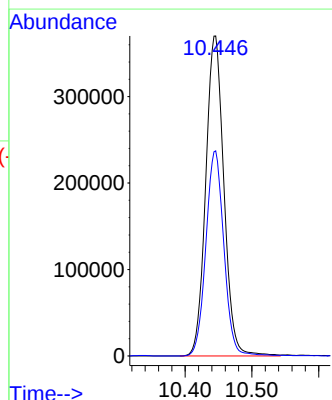
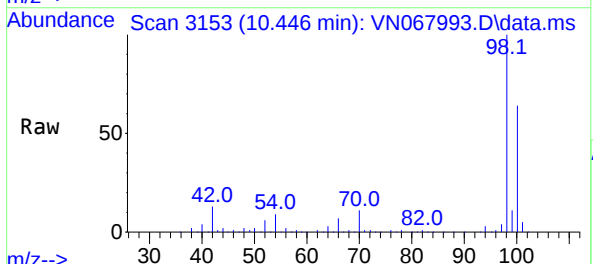
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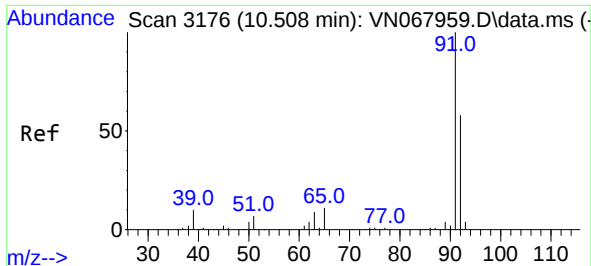
Tgt Ion:113 Resp: 171840
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.8
192 16.1 13.4 20.0



#50
Toluene-d8
Concen: 47.800 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Tgt Ion: 98 Resp: 700388
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

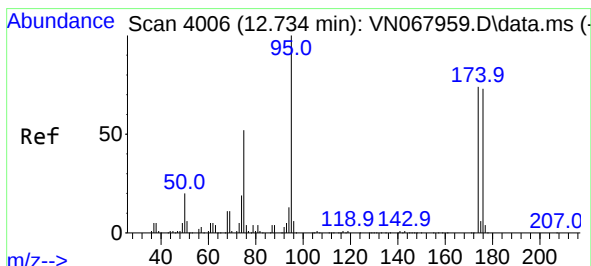
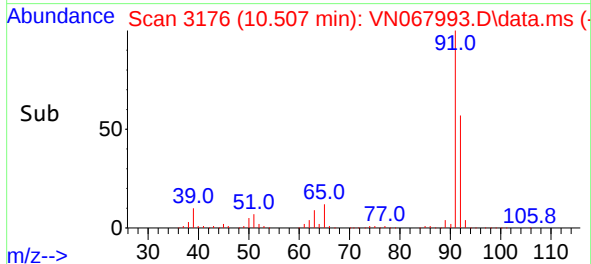
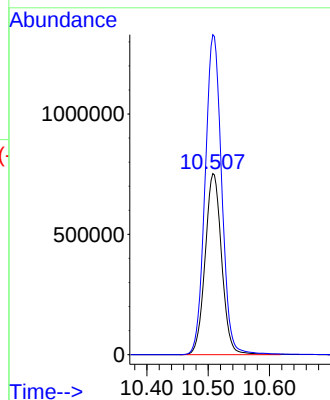
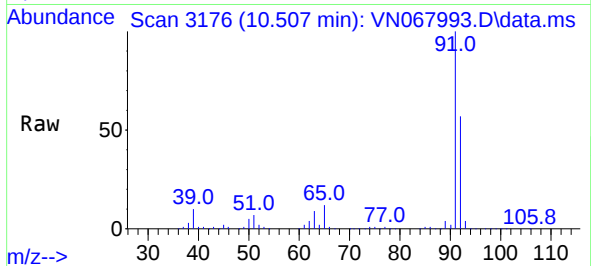




#52
Toluene
Concen: 144.986 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

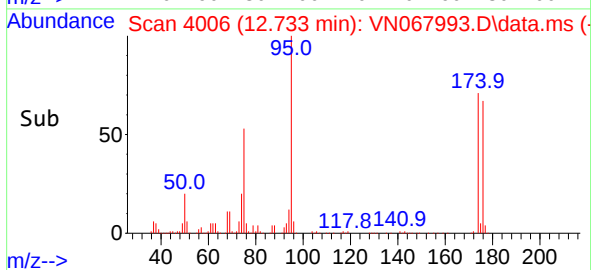
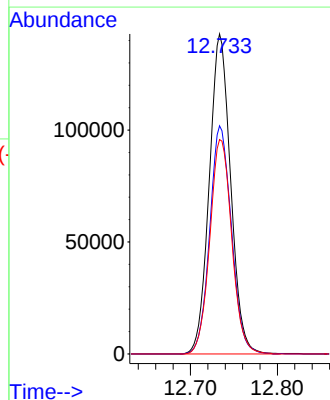
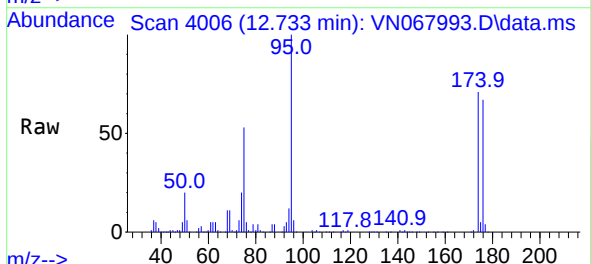
Instrument :
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ClientSampled :
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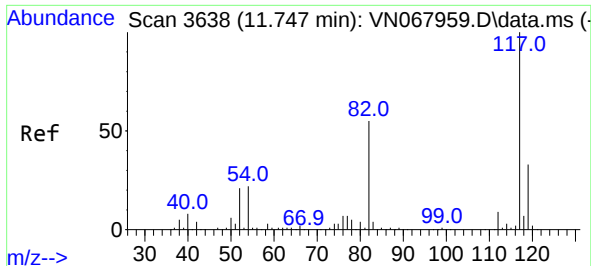
Tgt Ion: 92 Resp: 1410864
Ion Ratio Lower Upper
92 100
91 177.4 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 45.719 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Tgt Ion: 95 Resp: 243599
Ion Ratio Lower Upper
95 100
174 72.6 0.0 122.0
176 68.9 0.0 117.6

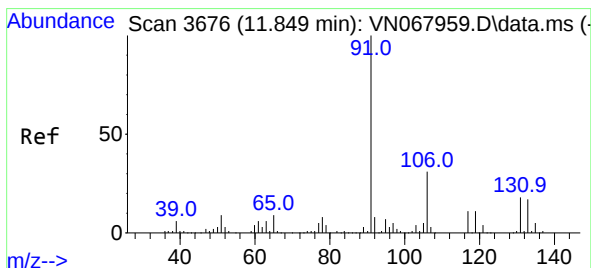
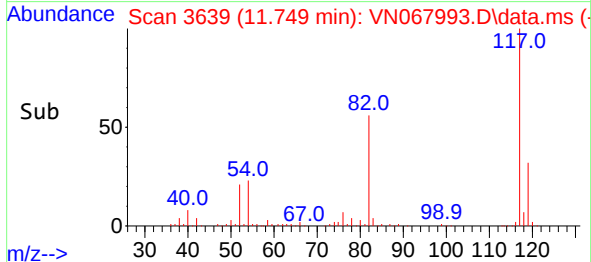
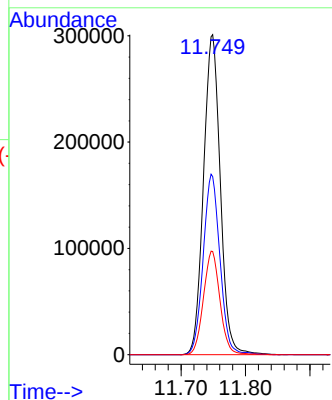
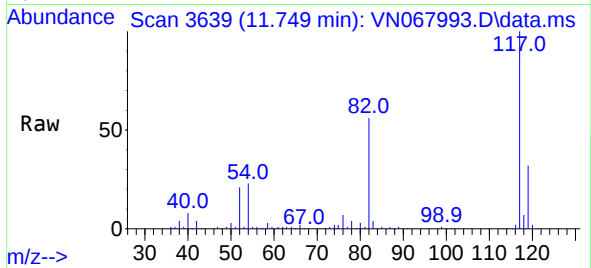




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

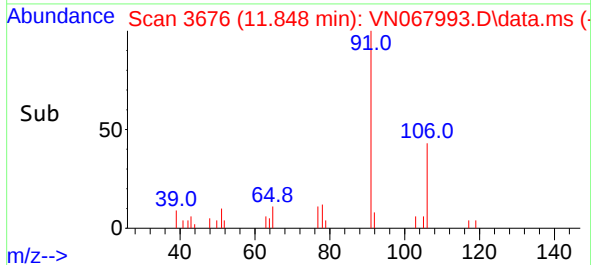
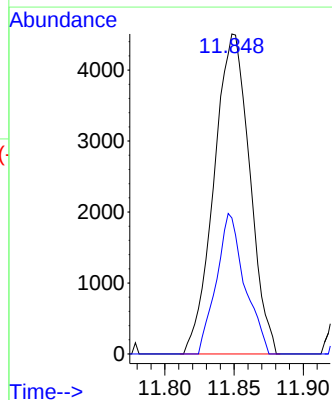
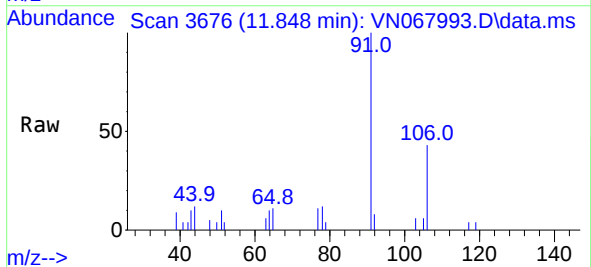
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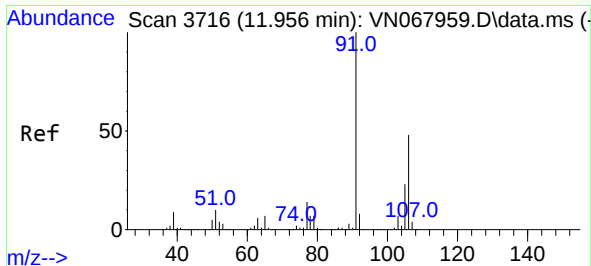
Tgt Ion:117 Resp: 544899
Ion Ratio Lower Upper
117 100
82 55.6 53.1 79.7
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 0.409 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.001 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Tgt Ion: 91 Resp: 8076
Ion Ratio Lower Upper
91 100
106 42.5 23.4 35.0#

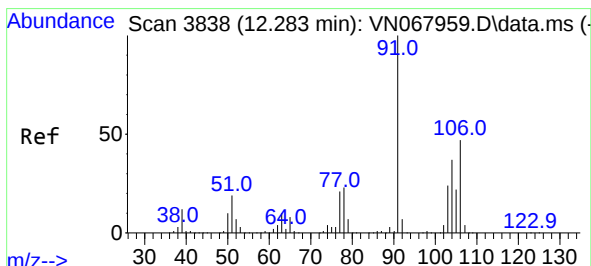
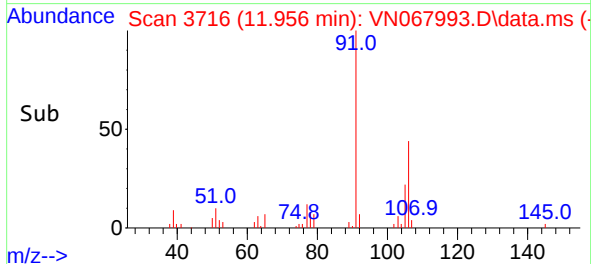
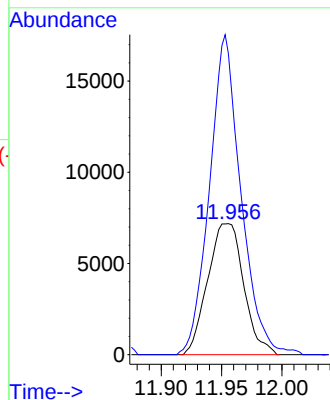
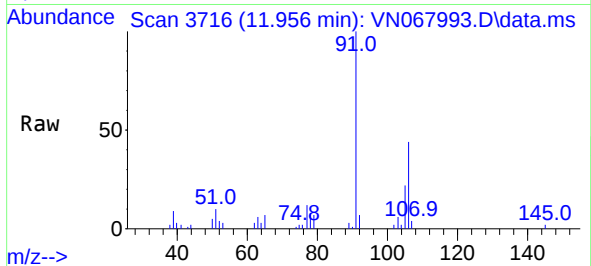




#68
m/p-Xylenes
Concen: 5.721 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

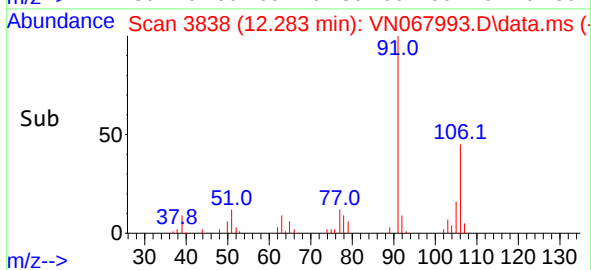
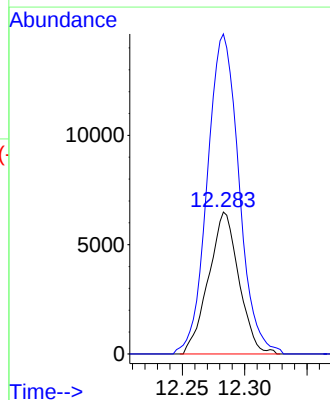
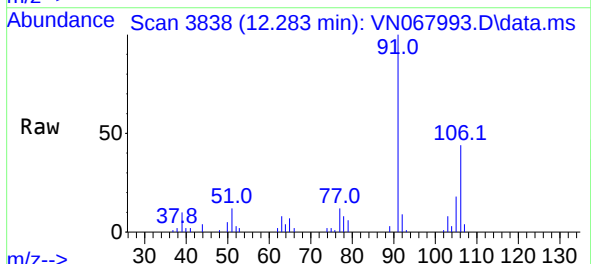
Instrument :
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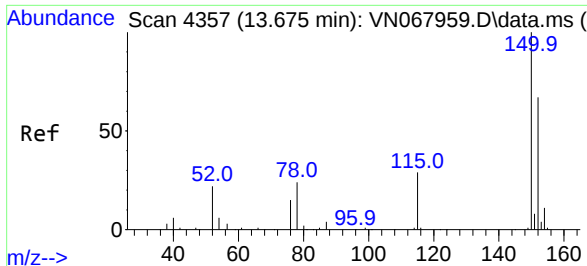
Tgt Ion:106 Resp: 14905
Ion Ratio Lower Upper
106 100
91 213.6 180.6 270.8



#69
o-Xylene
Concen: 1.514 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Tgt Ion:106 Resp: 10988
Ion Ratio Lower Upper
106 100
91 235.3 118.3 354.9

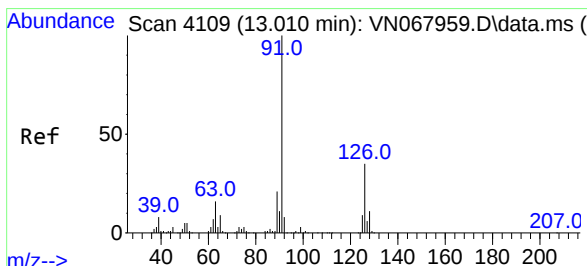
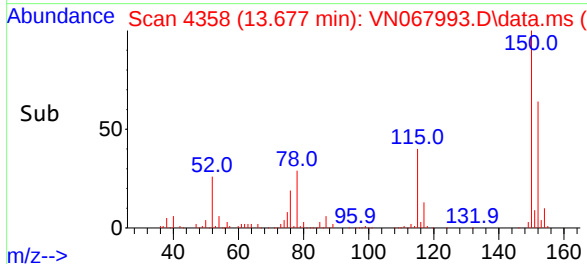
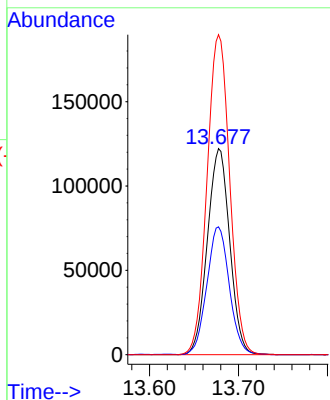
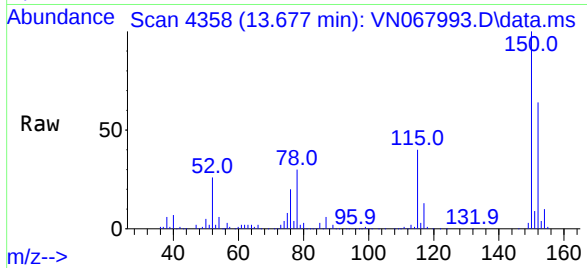




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

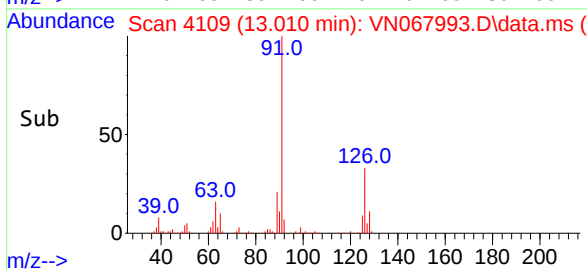
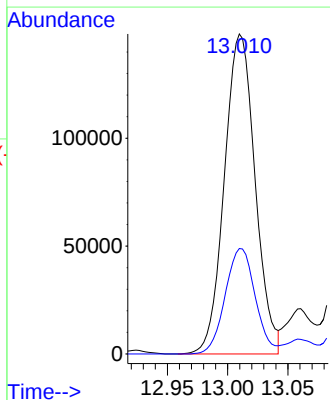
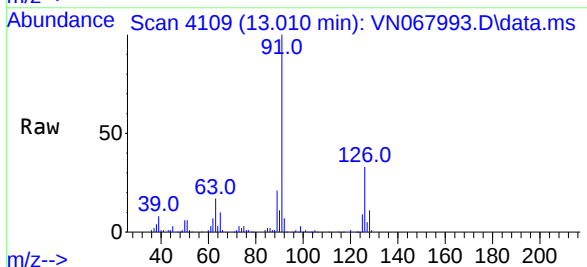
Instrument :
MSVOA_N
ClientSampleId :
41937

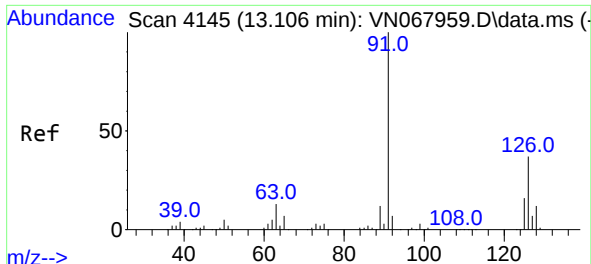
Tgt Ion:152 Resp: 212972
Ion Ratio Lower Upper
152 100
115 62.6 36.1 108.5
150 157.0 0.0 351.8



#79
2-Chlorotoluene
Concen: 22.053 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Tgt Ion: 91 Resp: 263541
Ion Ratio Lower Upper
91 100
126 32.2 14.5 43.5

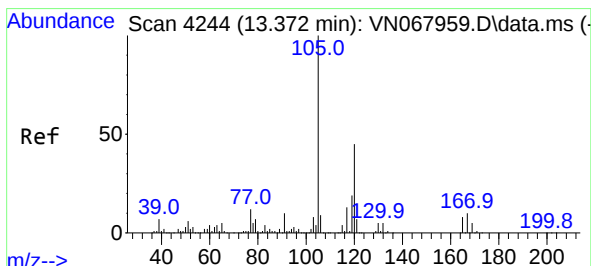
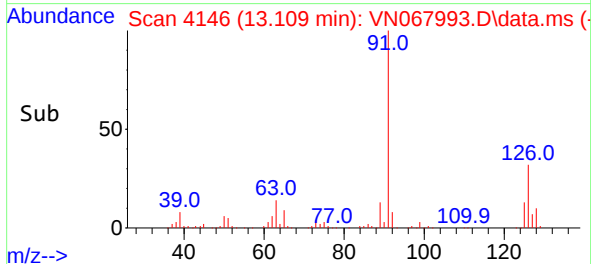
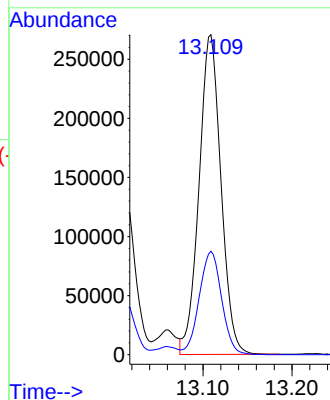
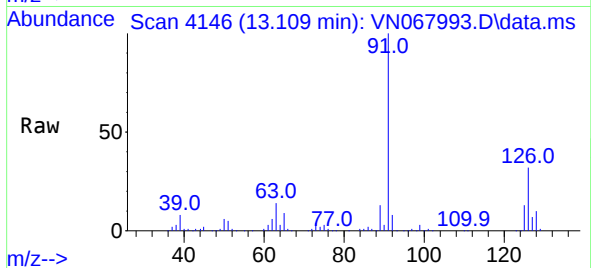




#82
4-Chlorotoluene
Concen: 38.591 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

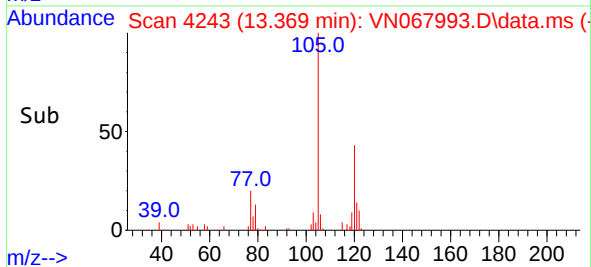
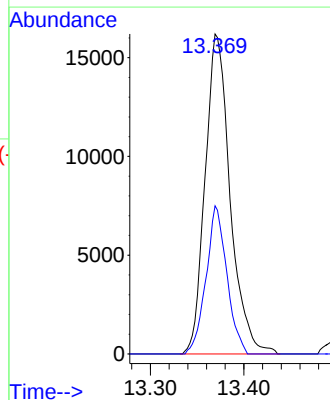
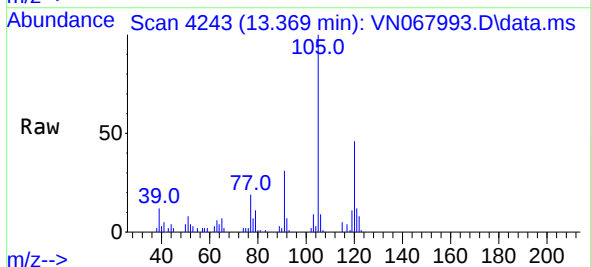
Instrument :
MSVOA_N
ClientSampled :
41937

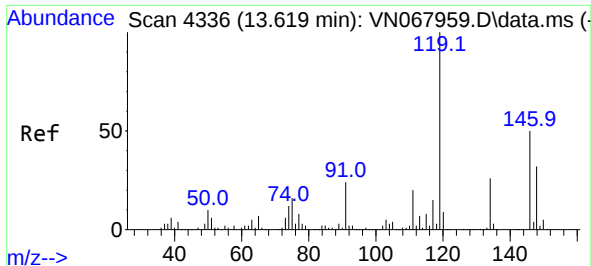
Tgt Ion: 91 Resp: 463031
Ion Ratio Lower Upper
91 100
126 33.2 14.8 44.4



#84
1,2,4-Trimethylbenzene
Concen: 2.210 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Tgt Ion: 105 Resp: 30158
Ion Ratio Lower Upper
105 100
120 38.5 20.6 61.8

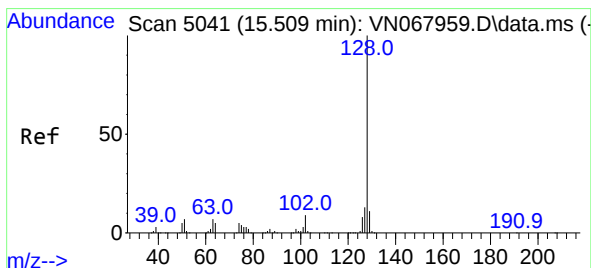
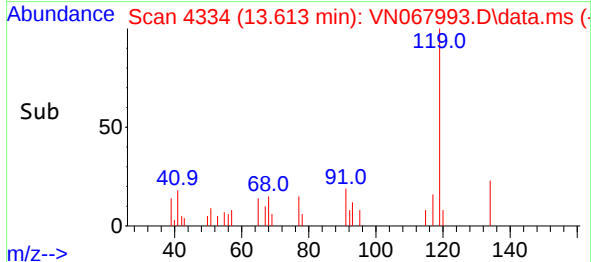
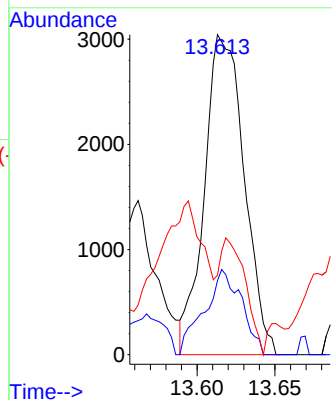
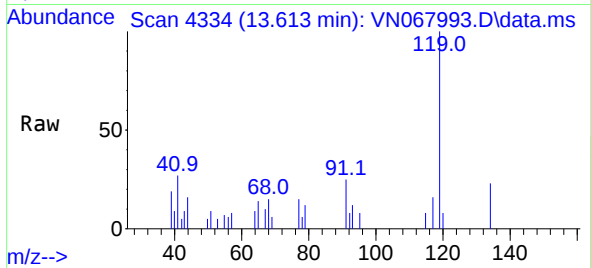




#86
p-Isopropyltoluene
Concen: 0.415 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.006 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Instrument :
MSVOA_N
ClientSampled :
41937

Tgt Ion:119 Resp: 5407
Ion Ratio Lower Upper
119 100
134 24.9 12.4 37.4
91 0.0 14.8 44.3#



#95
Naphthalene
Concen: 4.052 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067993.D
Acq: 3 Aug 2021 19:52

Tgt Ion:128 Resp: 8828
Ion Ratio Lower Upper
128 100
127 6.7 10.6 15.8#
129 10.7 8.6 12.8

