

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067994.D
 Acq On : 3 Aug 2021 20:16
 Operator : JC/MD
 Sample : M3261-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41938

Quant Time: Aug 04 03:43:06 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)

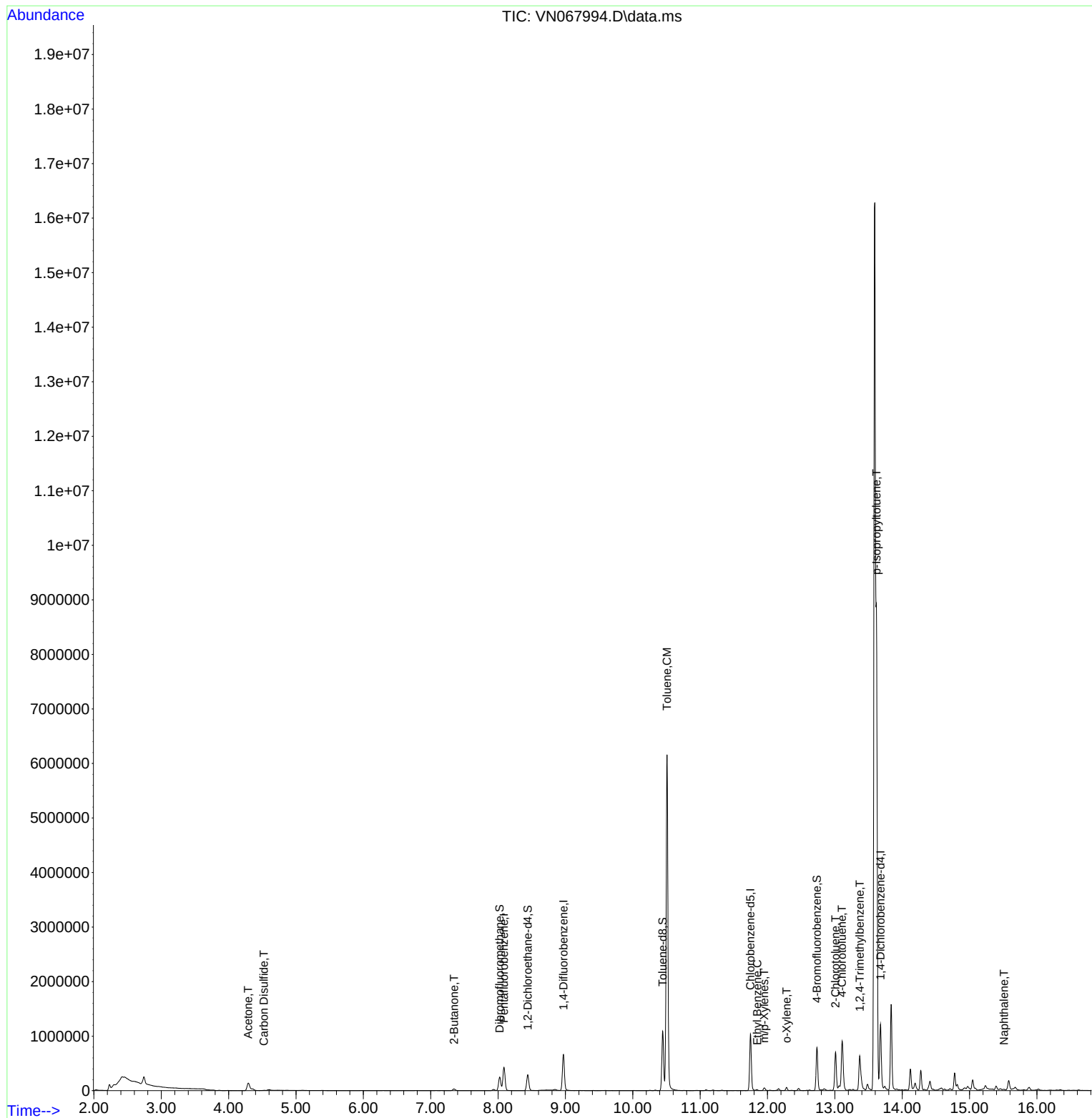
Internal Standards						
1) Pentafluorobenzene	8.088	168	307661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	590027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	594719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	319558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	242739	55.732	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.460%
35) Dibromofluoromethane	8.024	113	182935	53.201	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.400%
50) Toluene-d8	10.443	98	762704	48.211	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.733	95	270226	46.868	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.740%
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	263640	165.895	ug/l	95
17) Carbon Disulfide	4.524	76	13249	1.566	ug/l	99
25) 2-Butanone	7.348	43	49680	21.548	ug/l	92
52) Toluene	10.507	92	2676303	254.917	ug/l	99
67) Ethyl Benzene	11.848	91	9447	0.439	ug/l	97
68) m/p-Xylenes	11.950	106	16354	5.729	ug/l	86
69) o-Xylene	12.283	106	15917	2.010	ug/l	85
79) 2-Chlorotoluene	13.010	91	407894	22.748	ug/l	92
82) 4-Chlorotoluene	13.106	91	496180	27.561	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	51316	2.506	ug/l	95
86) p-Isopropyltoluene	13.618	119	4795473	245.234	ug/l #	68
95) Naphthalene	15.509	128	15487	4.210	ug/l	97

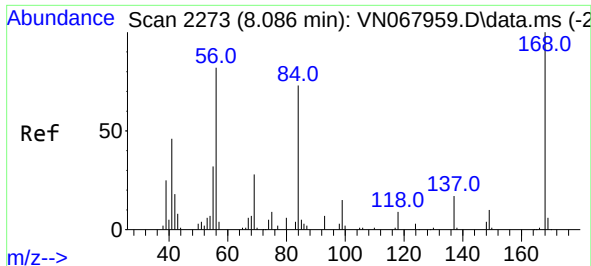
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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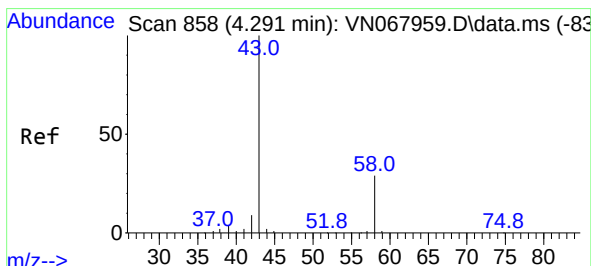
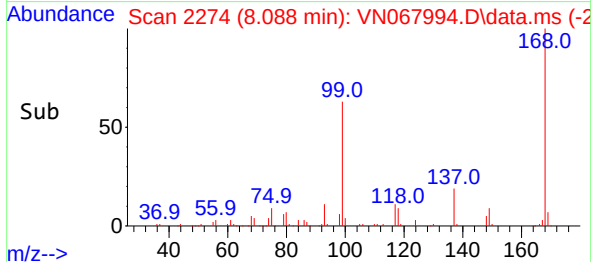
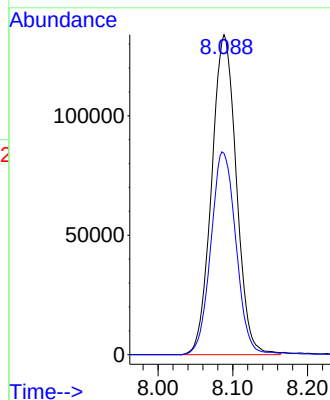
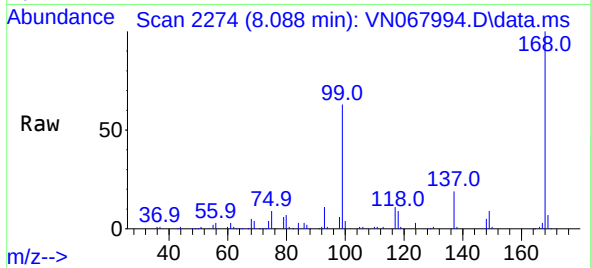




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

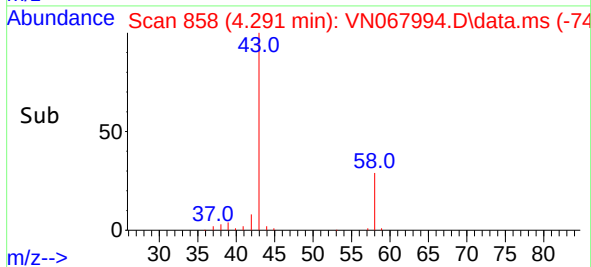
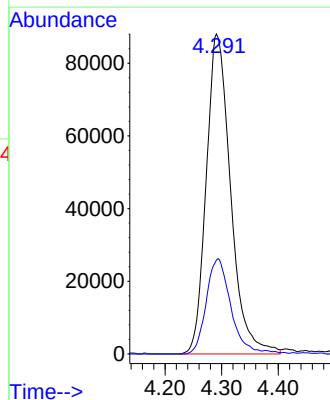
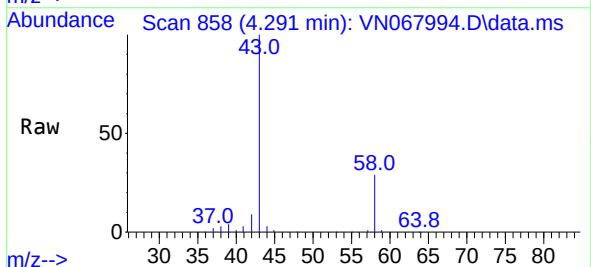
Instrument :
MSVOA_N
ClientSampled :
41938

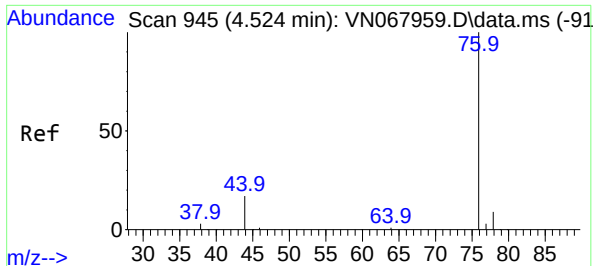
Tgt Ion:168 Resp: 307661
Ion Ratio Lower Upper
168 100
99 62.9 62.9 94.3



#16
Acetone
Concen: 165.895 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Tgt Ion: 43 Resp: 263640
Ion Ratio Lower Upper
43 100
58 29.3 21.2 31.8

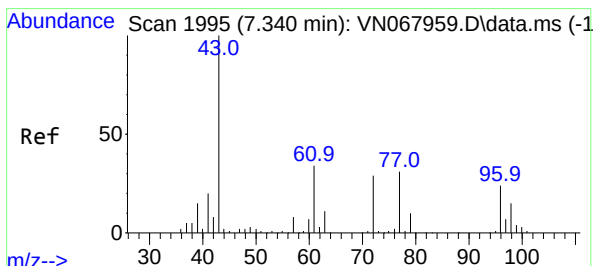
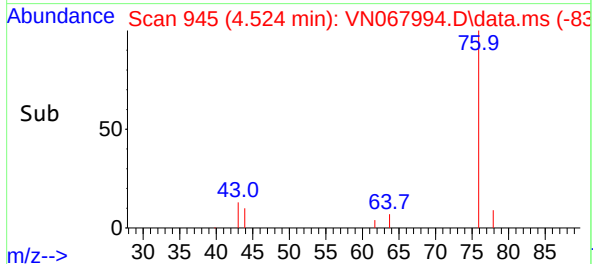
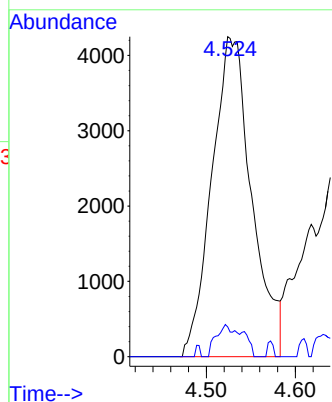
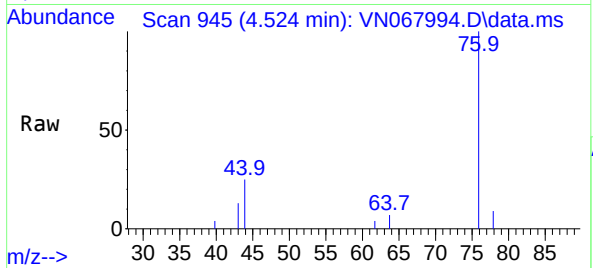




#17
Carbon Disulfide
Concen: 1.566 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

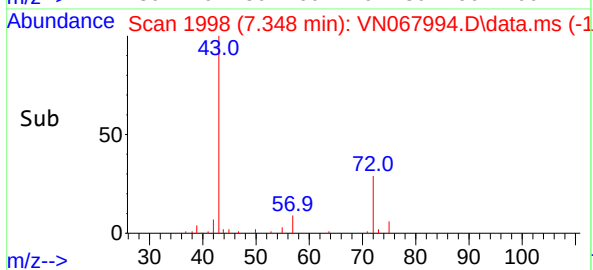
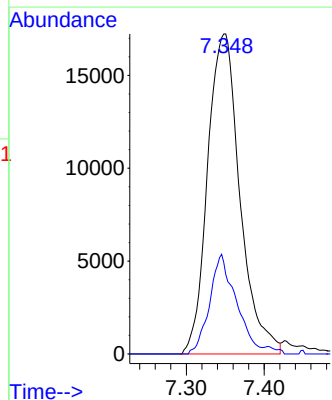
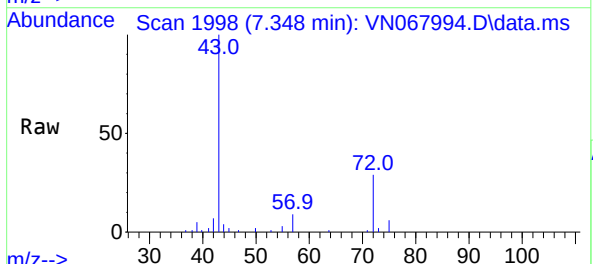
Instrument :
MSVOA_N
ClientSampled :
41938

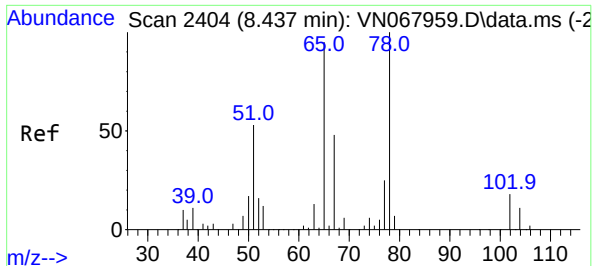
Tgt Ion: 76 Resp: 13249
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5



#25
2-Butanone
Concen: 21.548 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.008 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Tgt Ion: 43 Resp: 49680
Ion Ratio Lower Upper
43 100
72 28.6 19.7 29.5



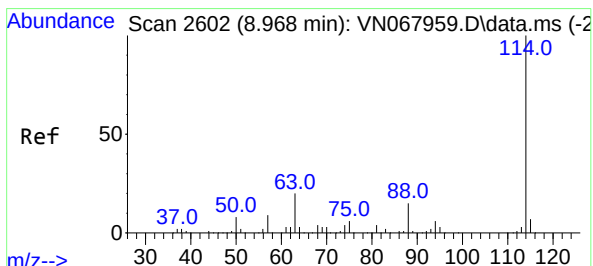
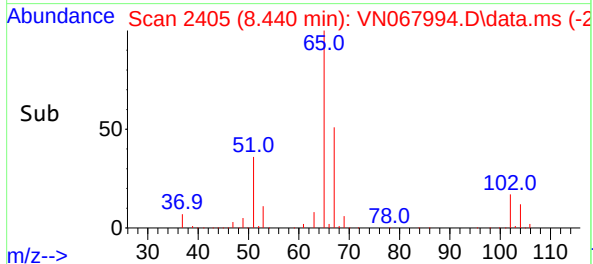
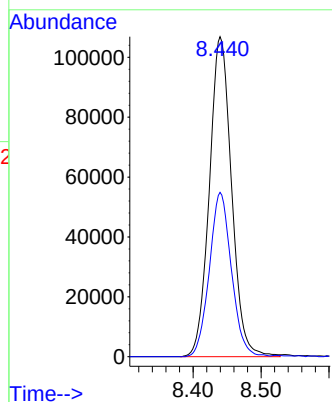
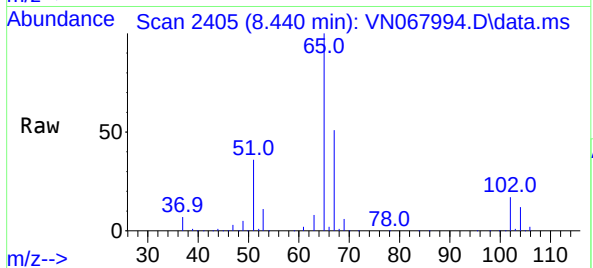


#33

1,2-Dichloroethane-d4
Concen: 55.732 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Instrument :
MSVOA_N
ClientSampled :
41938

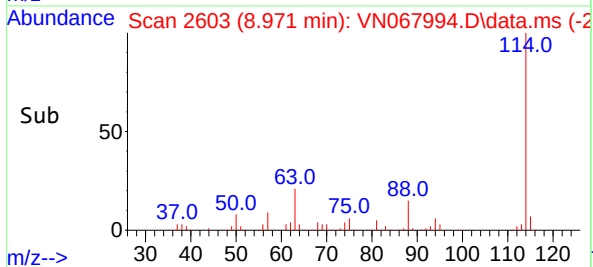
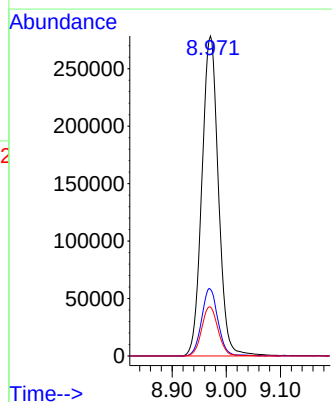
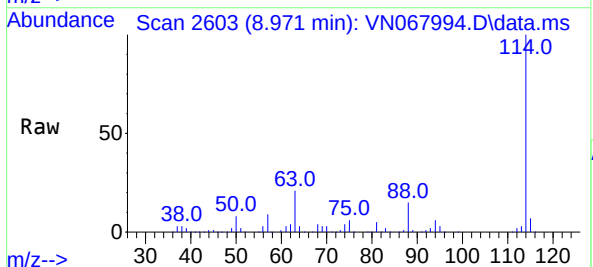
Tgt Ion: 65 Resp: 242739
Ion Ratio Lower Upper
65 100
67 51.0 0.0 98.6

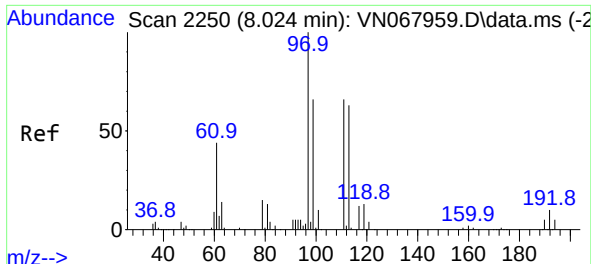


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Tgt Ion: 114 Resp: 590027
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 15.3 0.0 36.6



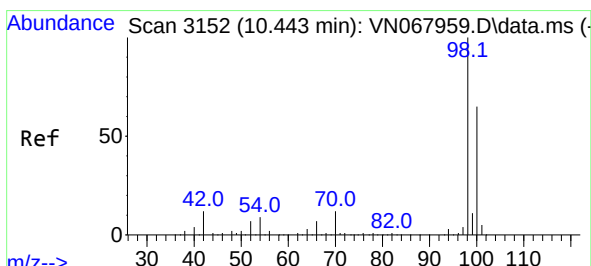
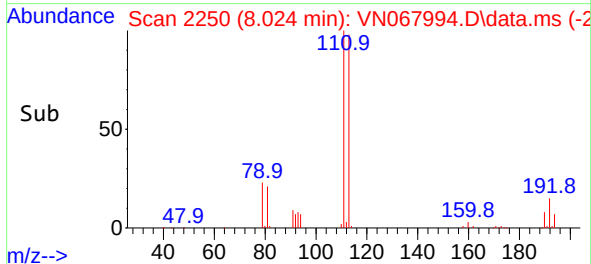
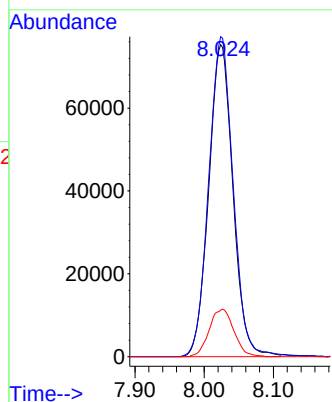
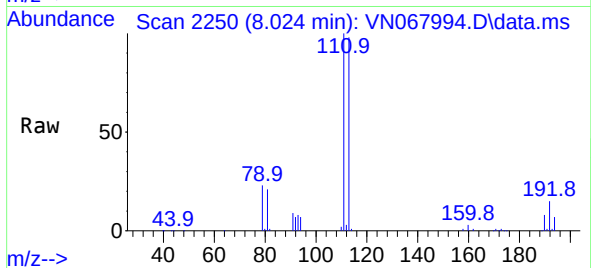


#35
 Dibromofluoromethane
 Concen: 53.201 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. -0.000 min
 Lab File: VN067994.D
 Acq: 3 Aug 2021 20:16

Instrument :
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 ClientSampleId :
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Tgt Ion:113 Resp: 182935

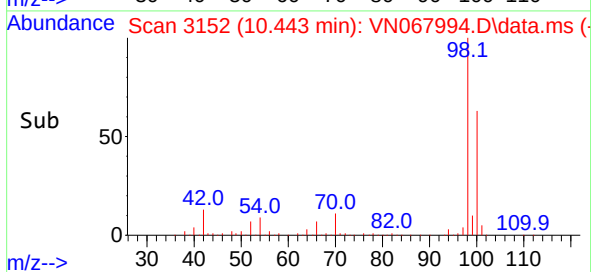
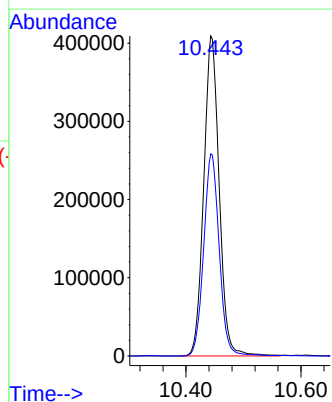
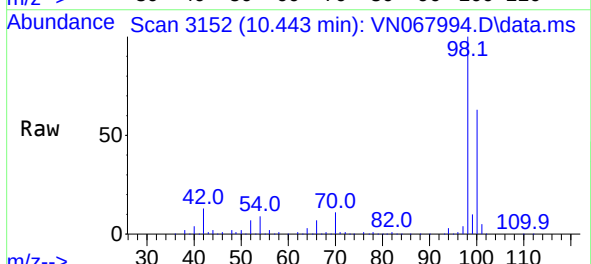
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.8	125.8
192	15.6	13.4	20.0

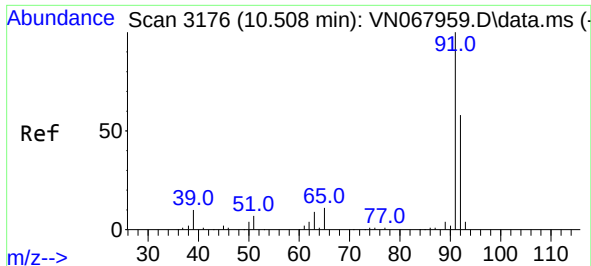


#50
 Toluene-d8
 Concen: 48.211 ug/l
 RT: 10.443 min Scan# 3152
 Delta R.T. 0.000 min
 Lab File: VN067994.D
 Acq: 3 Aug 2021 20:16

Tgt Ion: 98 Resp: 762704

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.7	77.5

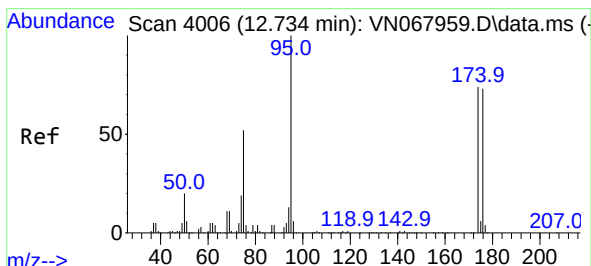
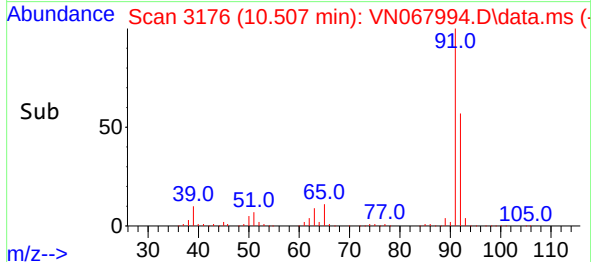
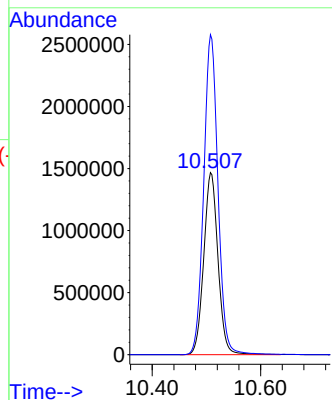
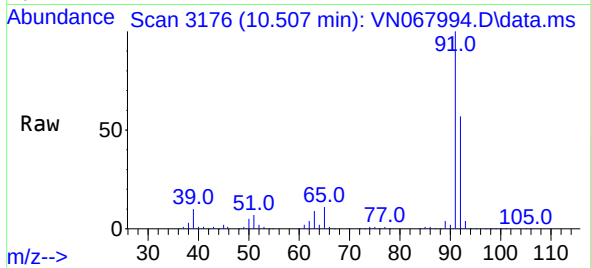




#52
Toluene
Concen: 254.917 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

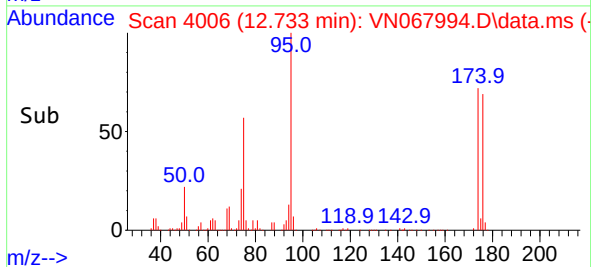
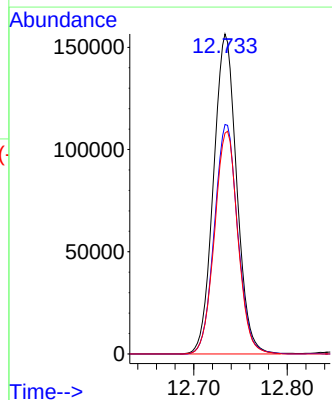
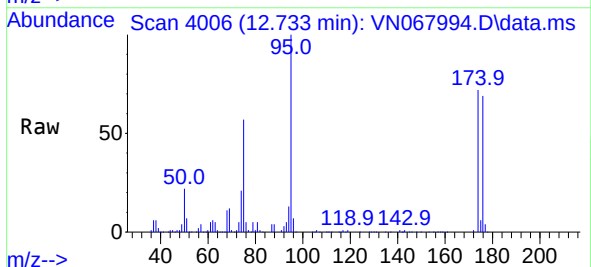
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ClientSampled :
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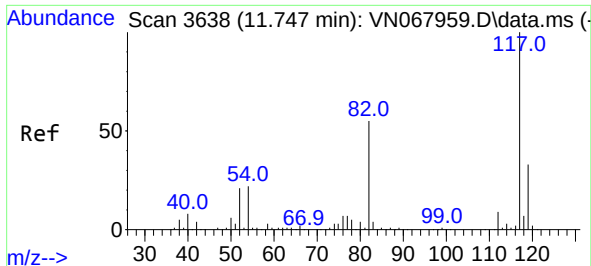
Tgt Ion: 92 Resp: 2676303
Ion Ratio Lower Upper
92 100
91 176.0 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 46.868 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Tgt Ion: 95 Resp: 270226
Ion Ratio Lower Upper
95 100
174 72.4 0.0 122.0
176 69.9 0.0 117.6

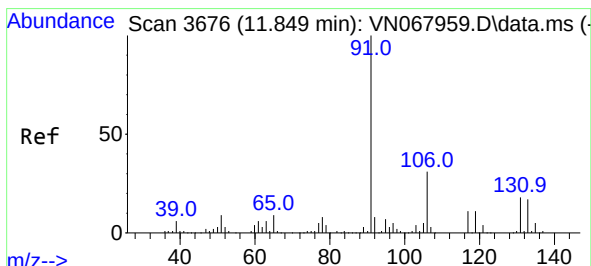
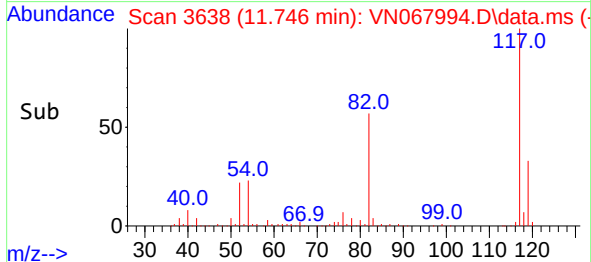
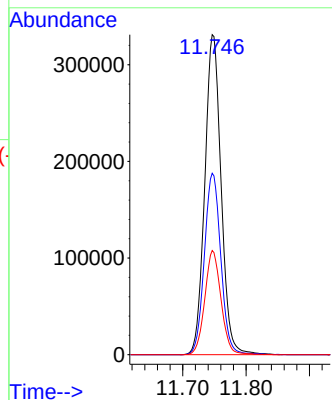
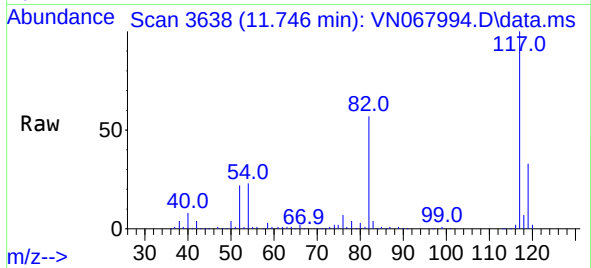




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

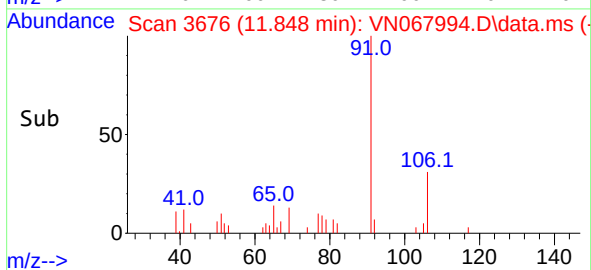
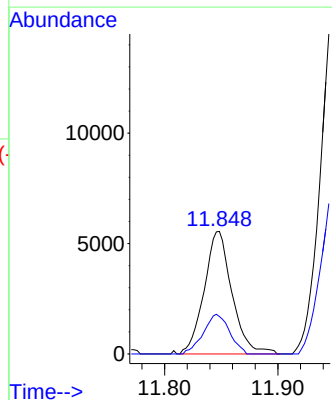
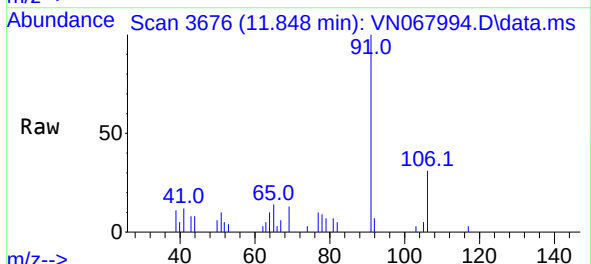
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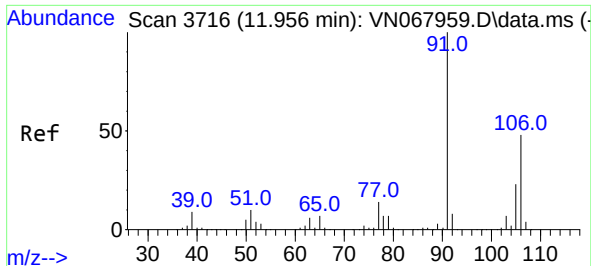
Tgt Ion:117 Resp: 594719
Ion Ratio Lower Upper
117 100
82 56.7 53.1 79.7
119 32.6 25.5 38.3



#67
Ethyl Benzene
Concen: 0.439 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.001 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Tgt Ion: 91 Resp: 9447
Ion Ratio Lower Upper
91 100
106 30.6 23.4 35.0

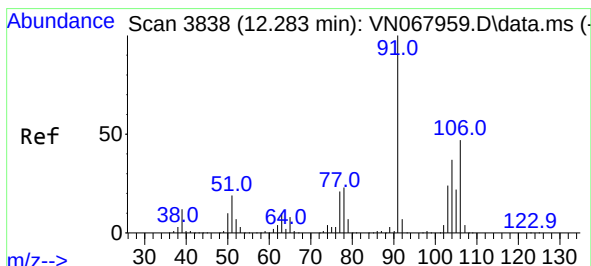
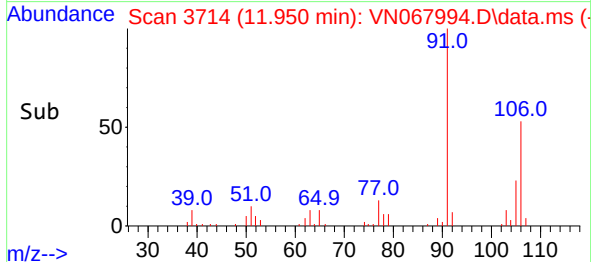
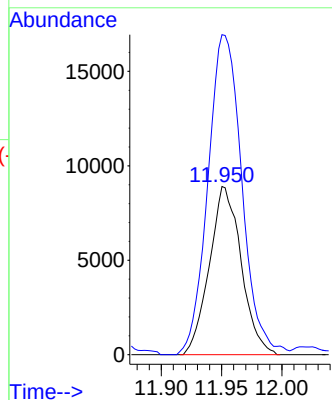
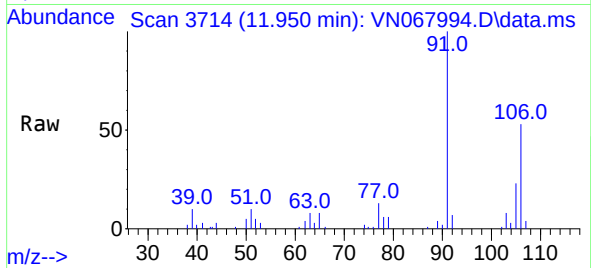




#68
m/p-Xylenes
Concen: 5.729 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

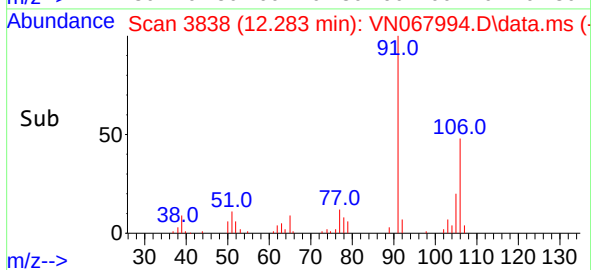
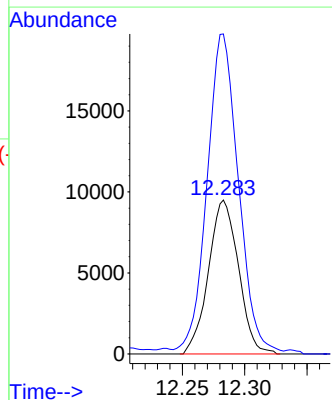
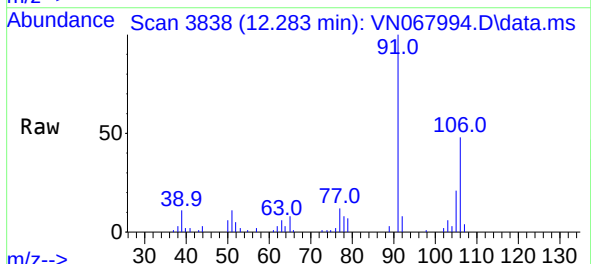
Instrument :
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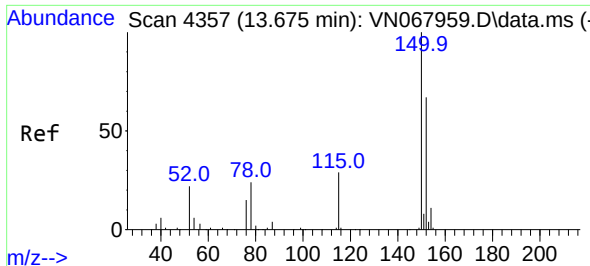
Tgt Ion:106 Resp: 16354
Ion Ratio Lower Upper
106 100
91 203.1 180.6 270.8



#69
o-Xylene
Concen: 2.010 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Tgt Ion:106 Resp: 15917
Ion Ratio Lower Upper
106 100
91 211.7 118.3 354.9

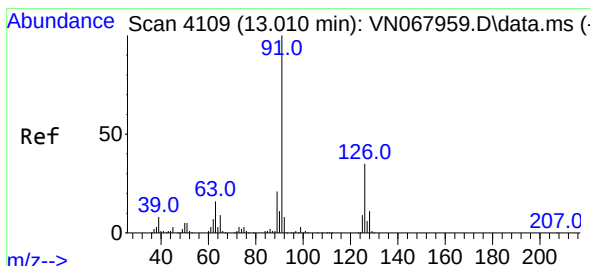
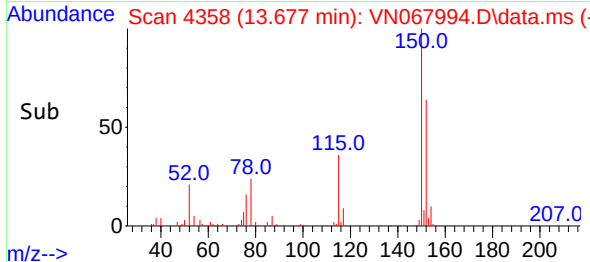
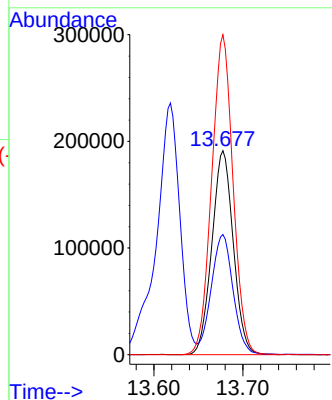
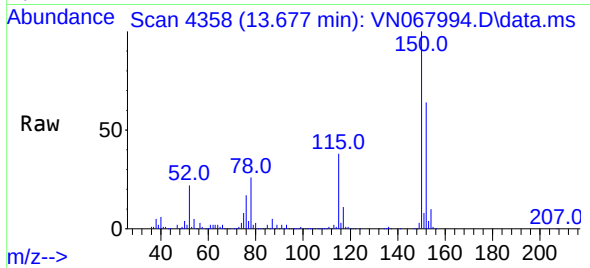




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

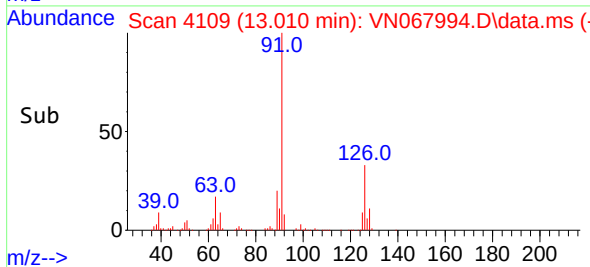
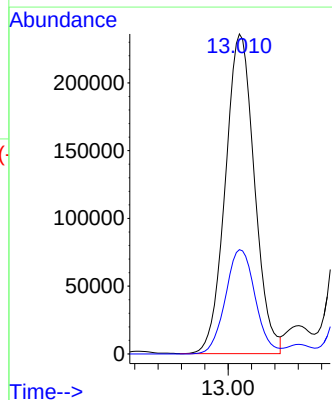
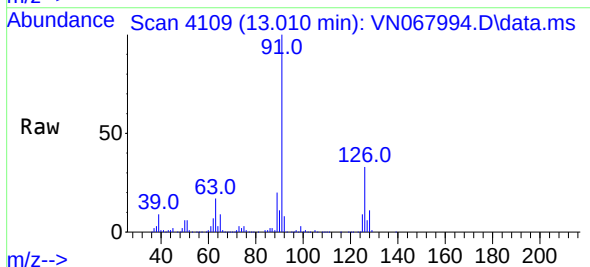
Instrument :
MSVOA_N
ClientSampled :
41938

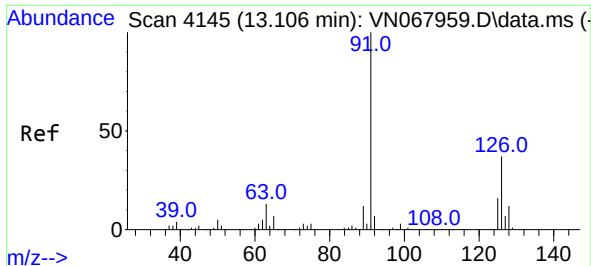
Tgt Ion:152 Resp: 319558
Ion Ratio Lower Upper
152 100
115 60.1 36.1 108.5
150 156.4 0.0 351.8



#79
2-Chlorotoluene
Concen: 22.748 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Tgt Ion: 91 Resp: 407894
Ion Ratio Lower Upper
91 100
126 33.4 14.5 43.5

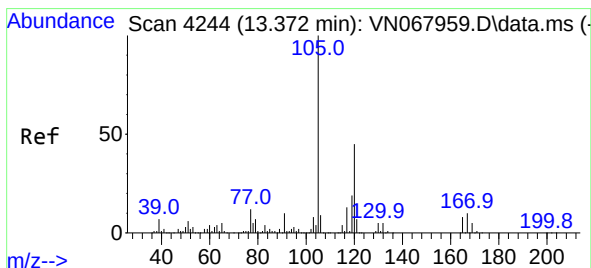
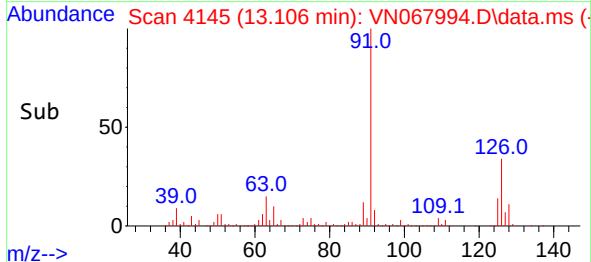
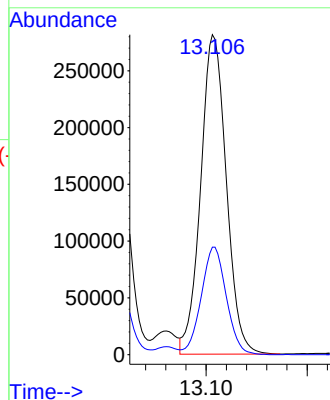
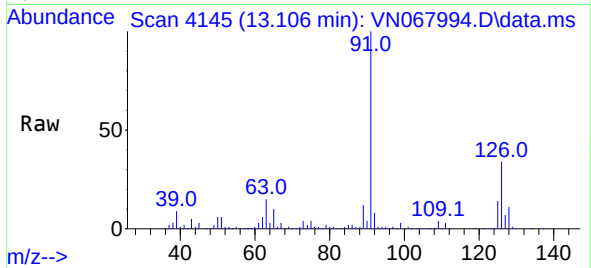




#82
4-Chlorotoluene
Concen: 27.561 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

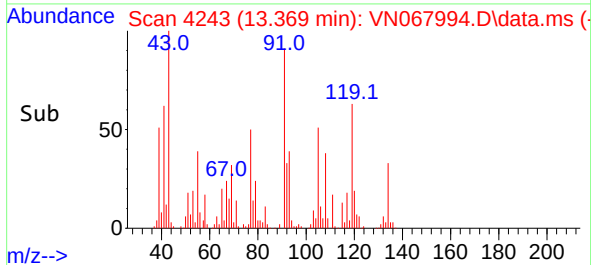
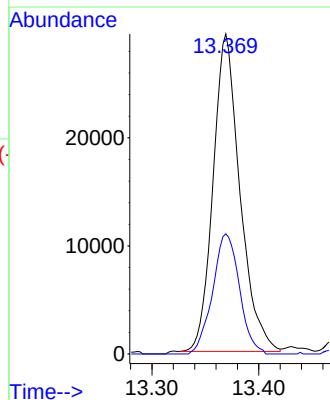
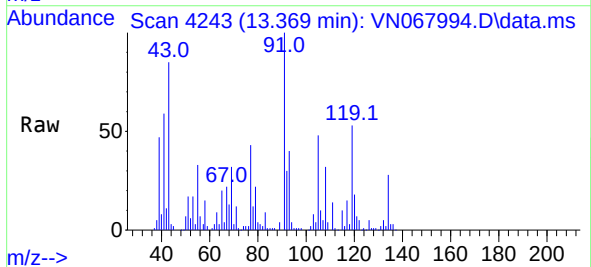
Instrument :
MSVOA_N
ClientSampled :
41938

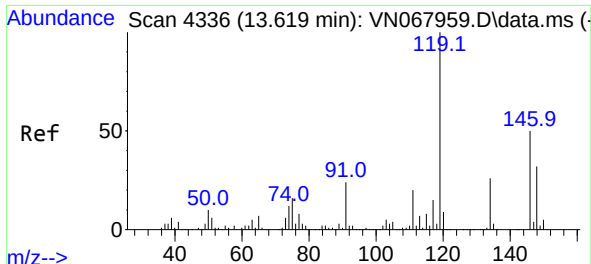
Tgt Ion: 91 Resp: 496180
Ion Ratio Lower Upper
91 100
126 33.1 14.8 44.4



#84
1,2,4-Trimethylbenzene
Concen: 2.506 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Tgt Ion: 105 Resp: 51316
Ion Ratio Lower Upper
105 100
120 37.8 20.6 61.8

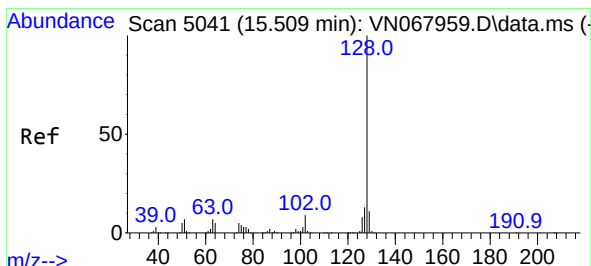
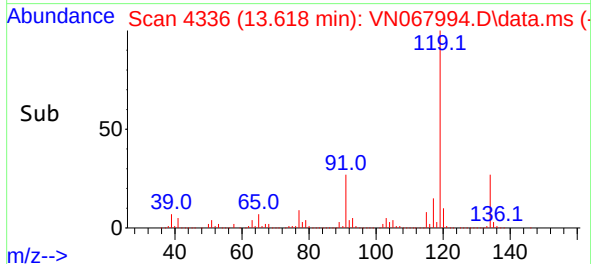
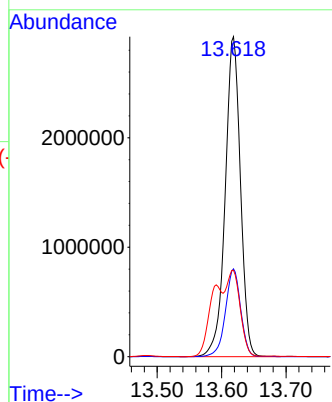
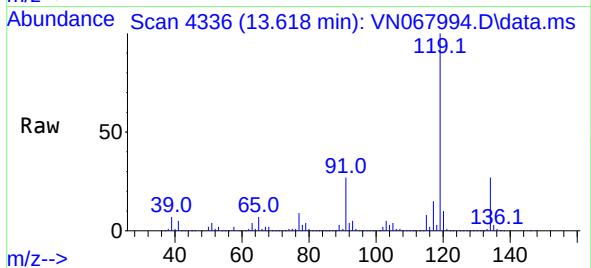




#86
p-Isopropyltoluene
Concen: 245.234 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Instrument :
MSVOA_N
ClientSampled :
41938

Tgt Ion:119 Resp: 4795473
Ion Ratio Lower Upper
119 100
134 27.5 12.4 37.4
91 0.0 14.8 44.3#



#95
Naphthalene
Concen: 4.210 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067994.D
Acq: 3 Aug 2021 20:16

Tgt Ion:128 Resp: 15487
Ion Ratio Lower Upper
128 100
127 15.1 10.6 15.8
129 11.3 8.6 12.8

