

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067912.D
 Acq On : 26 Jul 2021 17:16
 Operator : JC/MD
 Sample : M3147-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-RB-72121

Quant Time: Jul 27 01:31:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

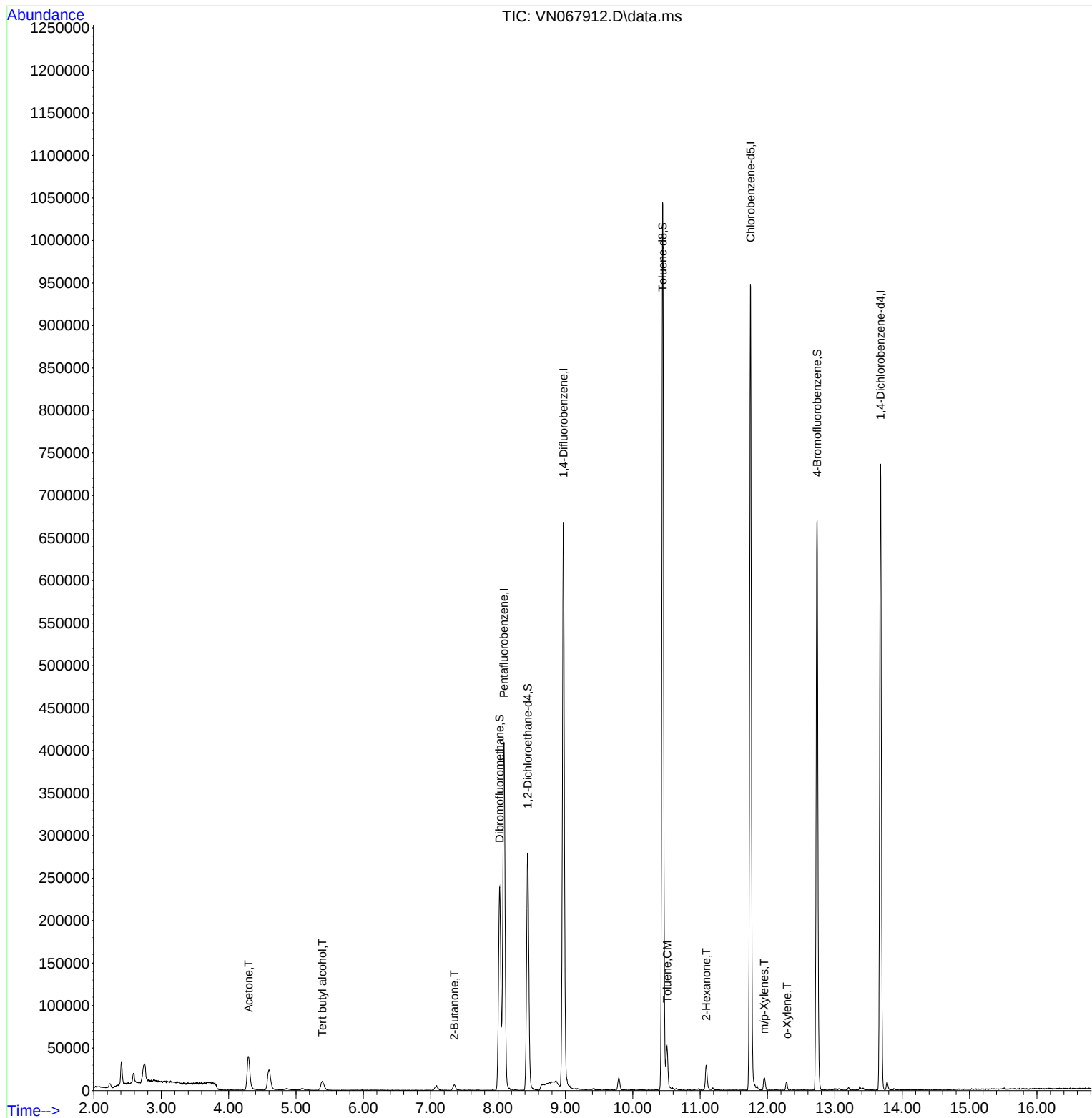
Internal Standards						
1) Pentafluorobenzene	8.088	168	291531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	576919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	550519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	189849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	240156	54.507	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 109.020%		
35) Dibromofluoromethane	8.024	113	176124	50.529	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 101.060%		
50) Toluene-d8	10.443	98	725793	49.746	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 99.500%		
62) 4-Bromofluorobenzene	12.736	95	239875	46.542	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 93.080%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.390	59	19191	30.311	ug/l #	90
16) Acetone	4.296	43	75461	54.431	ug/l	97
25) 2-Butanone	7.351	43	11070	4.809	ug/l	98
52) Toluene	10.510	92	19102	1.818	ug/l	95
59) 2-Hexanone	11.089	43	23215	5.927	ug/l	99
68) m/p-Xylenes	11.953	106	5040	0.647	ug/l	88
69) o-Xylene	12.288	106	2702	0.353	ug/l	86

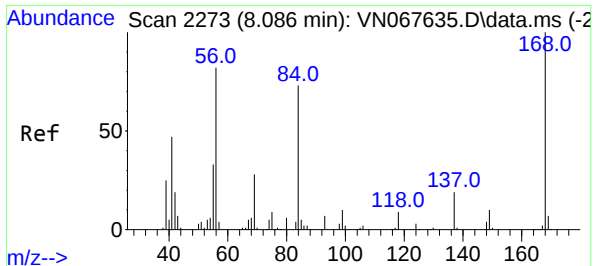
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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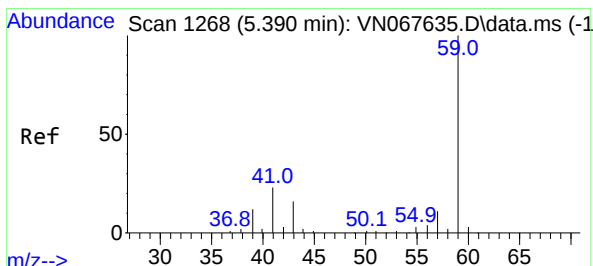
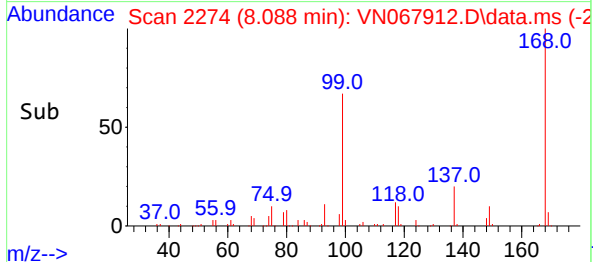
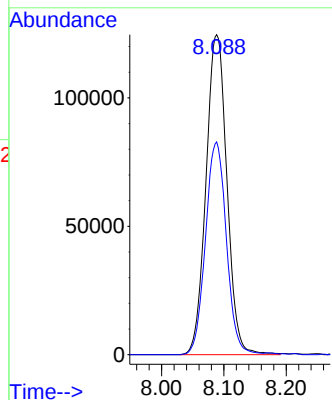
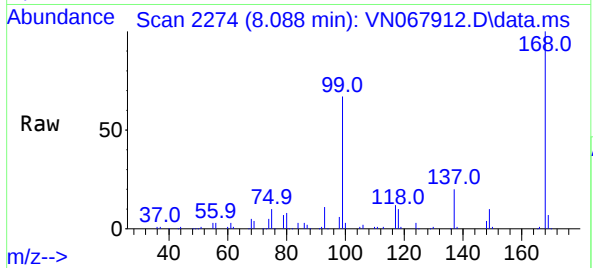




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

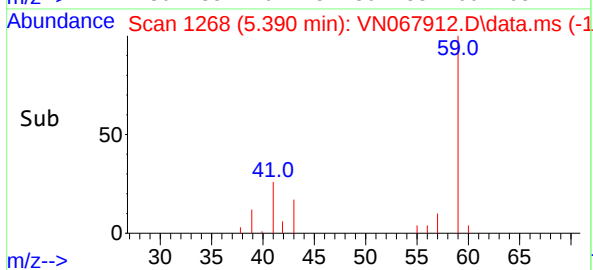
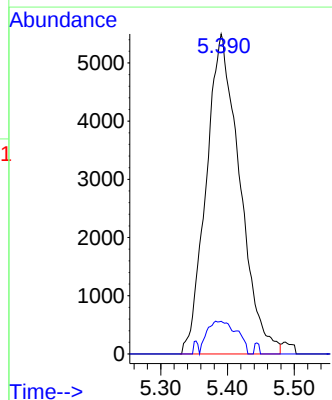
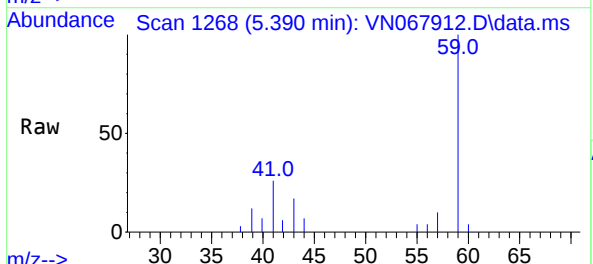
Instrument :
MSVOA_N
ClientSampleId :
152140-RB-72121

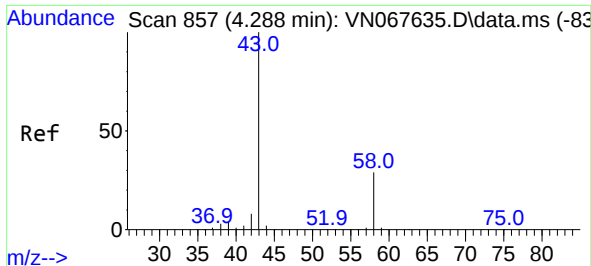
Tgt Ion:168 Resp: 291531
Ion Ratio Lower Upper
168 100
99 66.5 62.9 94.3



#11
Tert butyl alcohol
Concen: 30.311 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

Tgt Ion: 59 Resp: 19191
Ion Ratio Lower Upper
59 100
57 7.2 8.7 13.1#

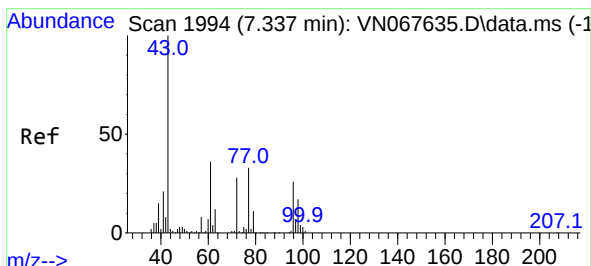
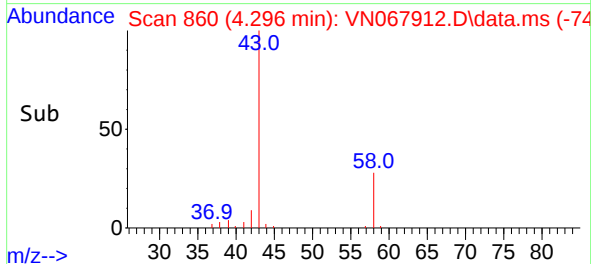
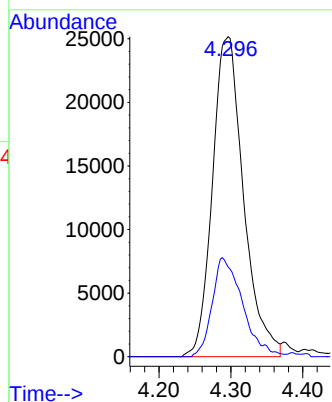
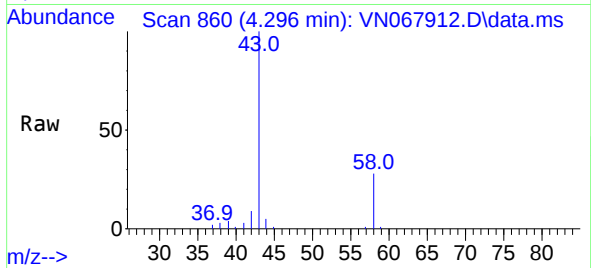




#16
Acetone
Concen: 54.431 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

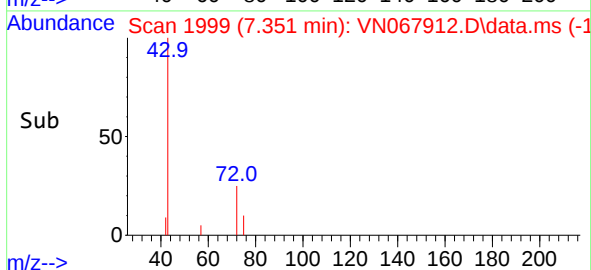
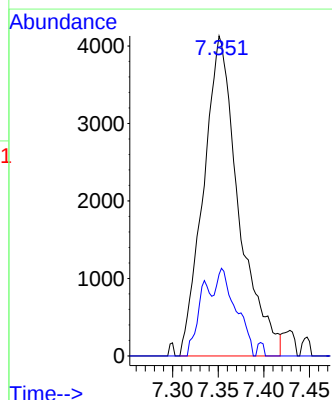
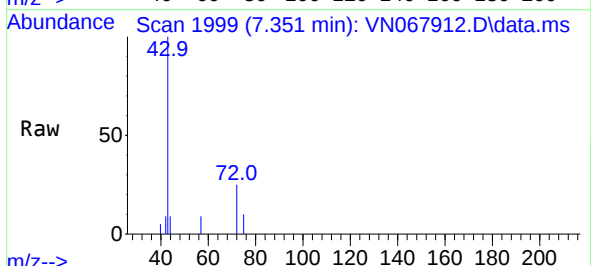
Instrument :
MSVOA_N
ClientSampleId :
152140-RB-72121

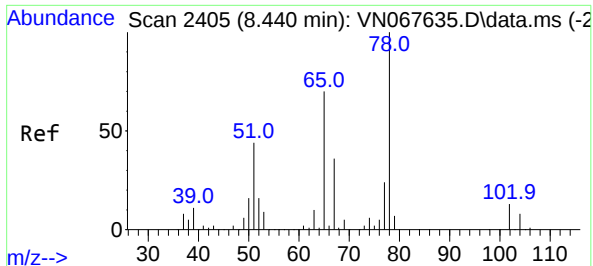
Tgt Ion: 43 Resp: 75461
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8



#25
2-Butanone
Concen: 4.809 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

Tgt Ion: 43 Resp: 11070
Ion Ratio Lower Upper
43 100
72 25.5 19.7 29.5



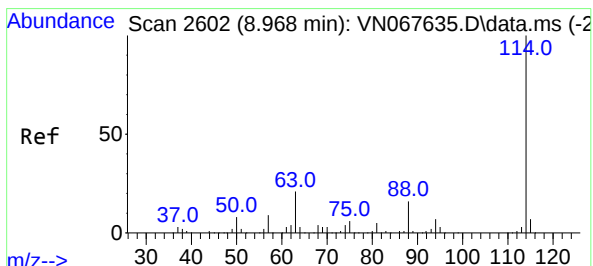
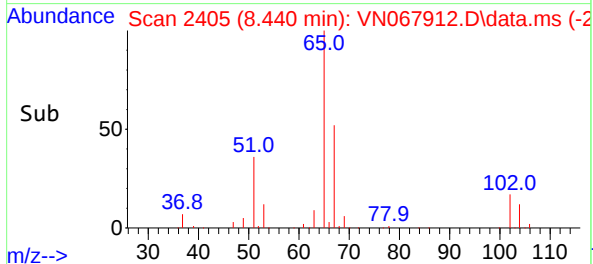
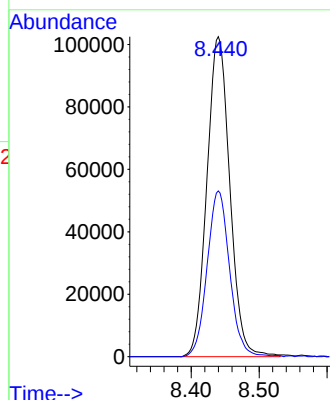
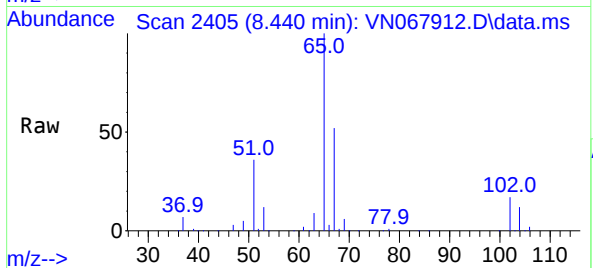


#33

1,2-Dichloroethane-d4
Concen: 54.507 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

Instrument :
MSVOA_N
ClientSampleId :
152140-RB-72121

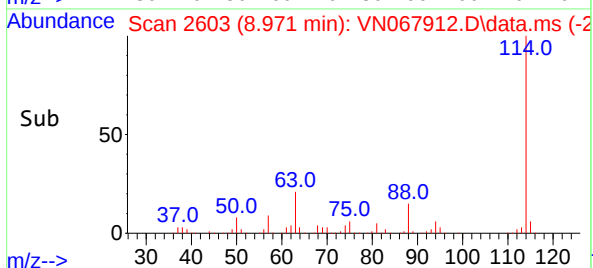
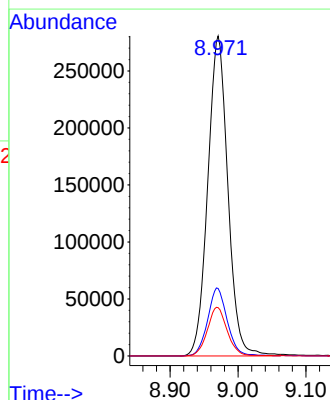
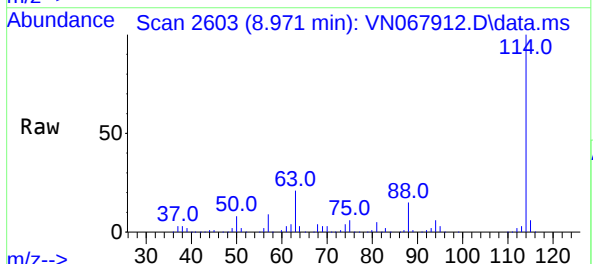
Tgt Ion: 65 Resp: 240156
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

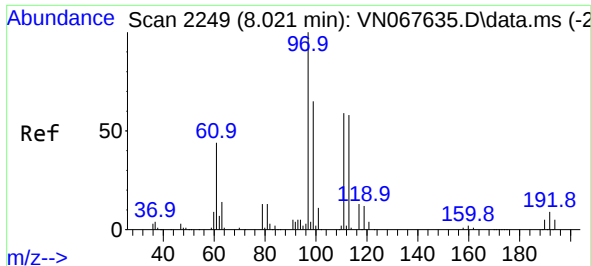


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

Tgt Ion: 114 Resp: 576919
Ion Ratio Lower Upper
114 100
63 21.1 0.0 49.0
88 15.1 0.0 36.6

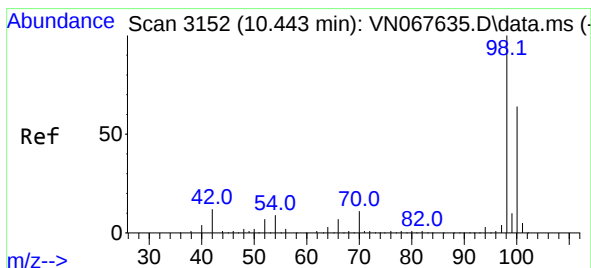
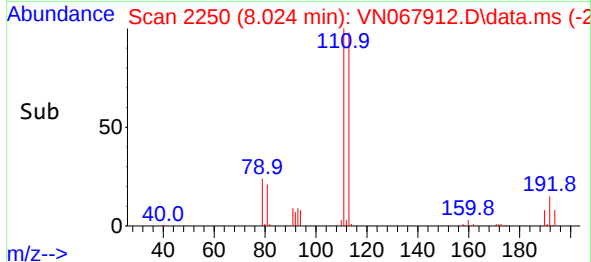
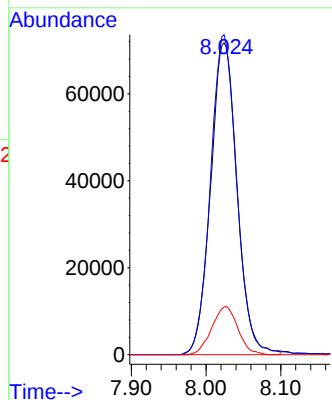
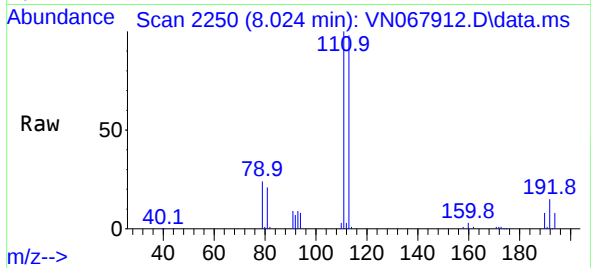




#35
Dibromofluoromethane
Concen: 50.529 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

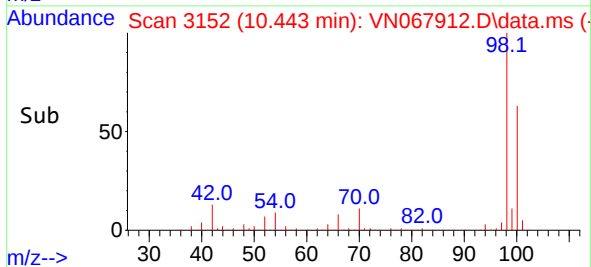
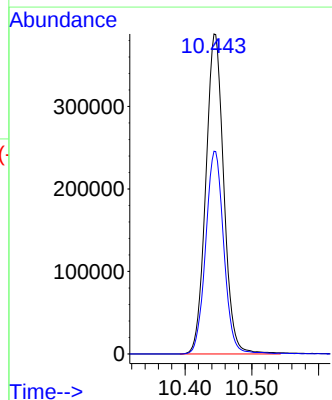
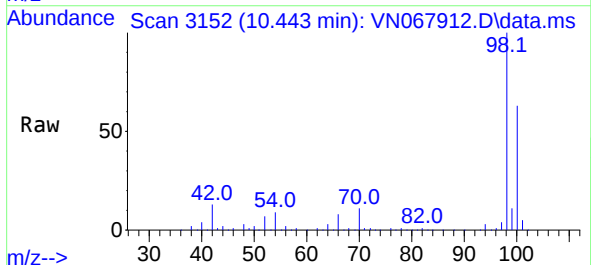
Instrument :
MSVOA_N
ClientSampleId :
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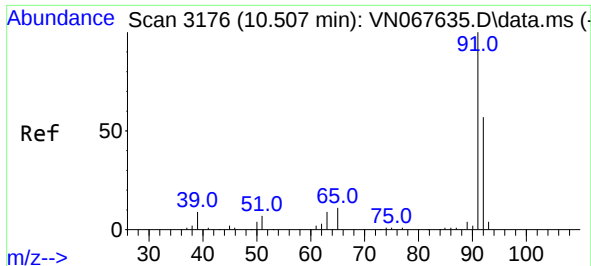
Tgt Ion:113 Resp: 176124
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 15.3 13.4 20.0



#50
Toluene-d8
Concen: 49.746 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

Tgt Ion: 98 Resp: 725793
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

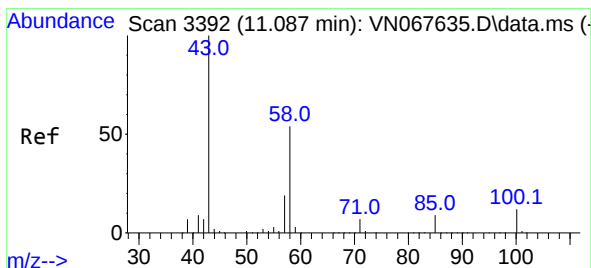
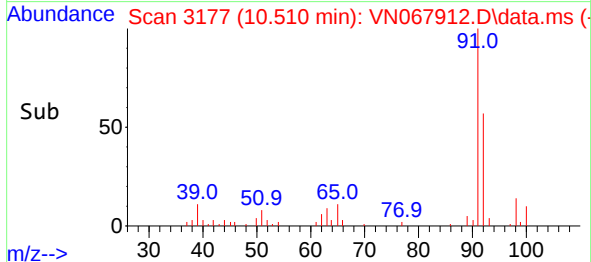
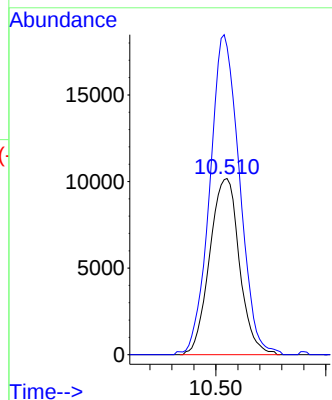
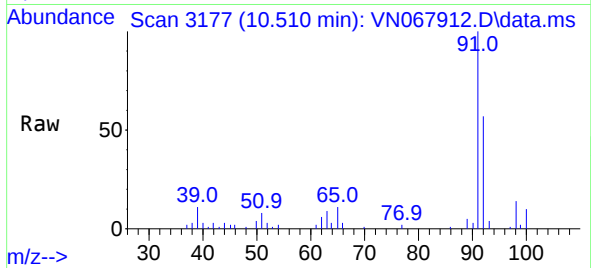




#52
Toluene
Concen: 1.818 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

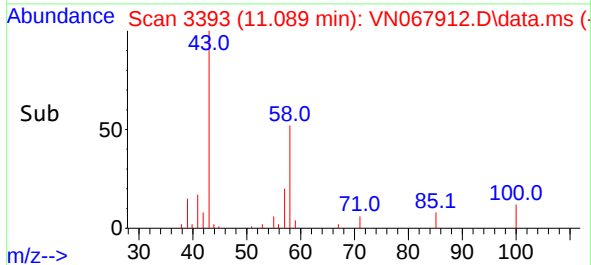
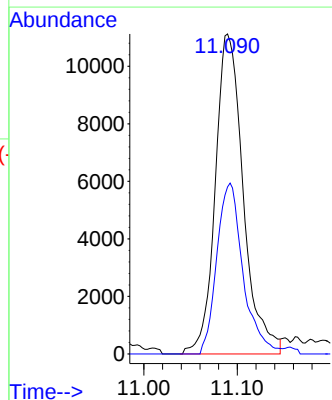
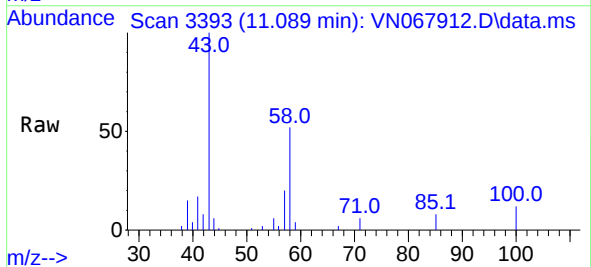
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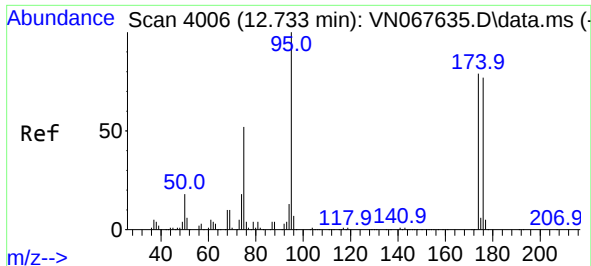
Tgt Ion: 92 Resp: 19102
Ion Ratio Lower Upper
92 100
91 181.5 139.6 209.4



#59
2-Hexanone
Concen: 5.927 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

Tgt Ion: 43 Resp: 23215
Ion Ratio Lower Upper
43 100
58 50.1 24.7 74.1

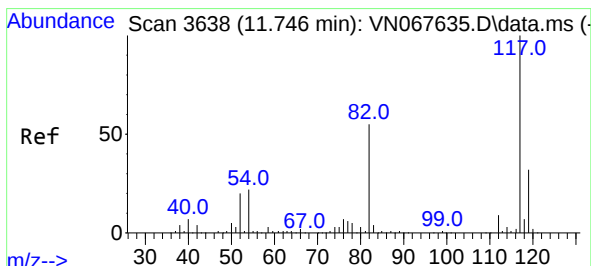
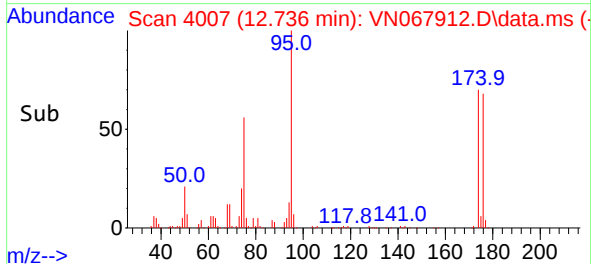
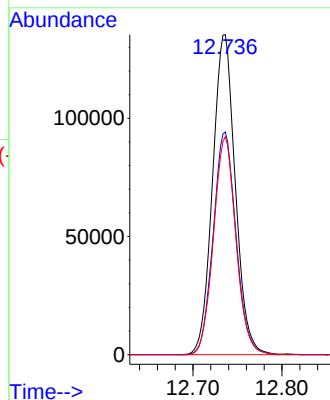
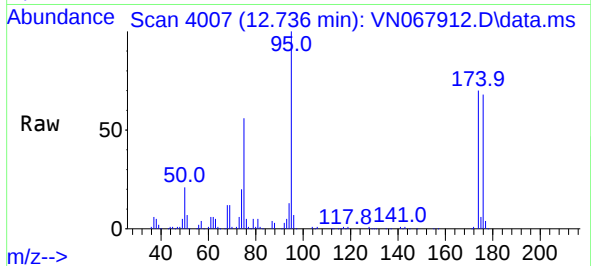




#62
4-Bromofluorobenzene
Concen: 46.542 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

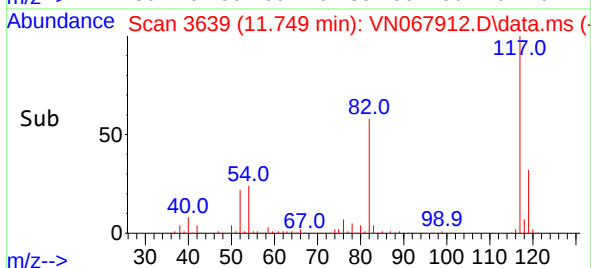
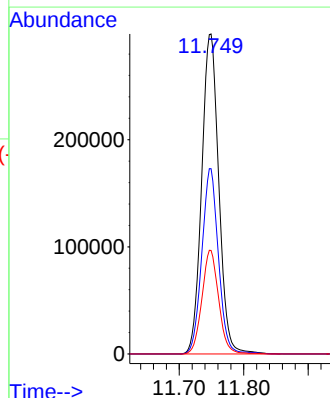
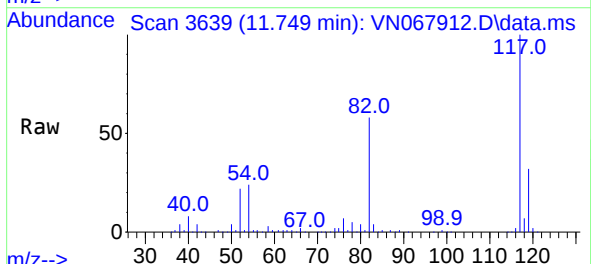
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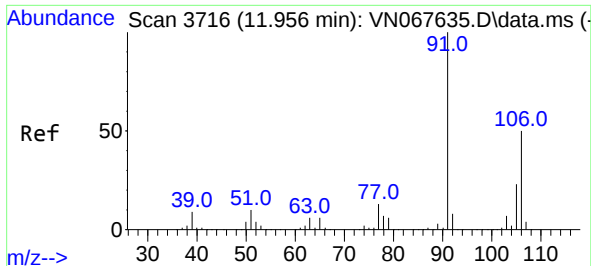
Tgt Ion: 95 Resp: 239875
Ion Ratio Lower Upper
95 100
174 70.0 0.0 122.0
176 67.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

Tgt Ion: 117 Resp: 550519
Ion Ratio Lower Upper
117 100
82 57.9 53.1 79.7
119 32.4 25.5 38.3

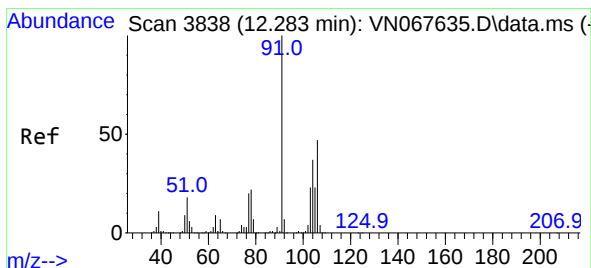
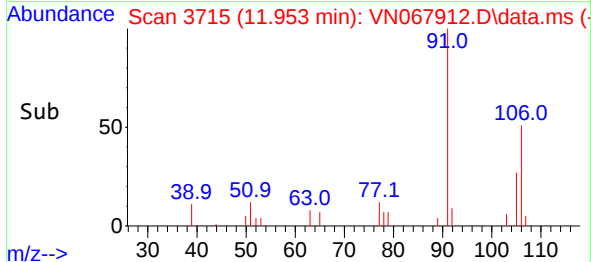
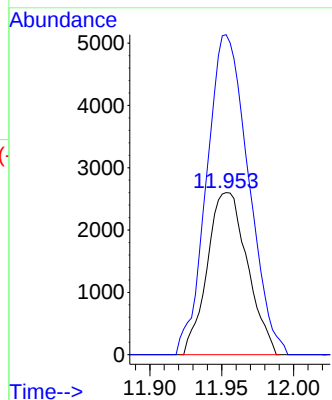
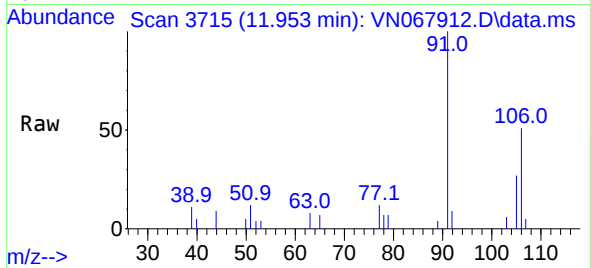




#68
m/p-Xylenes
Concen: 0.647 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

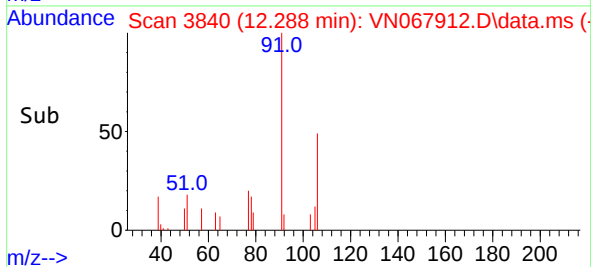
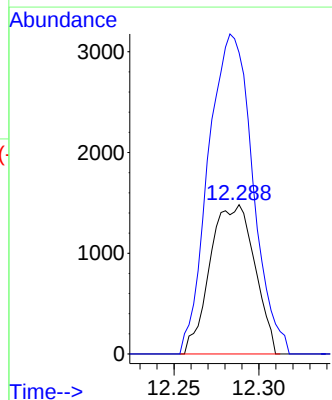
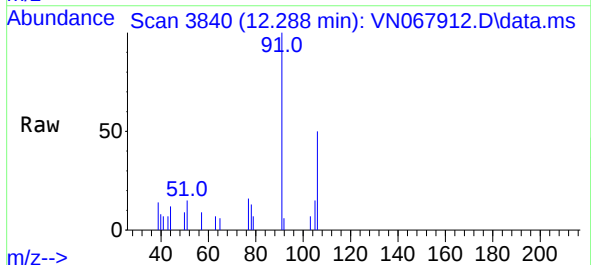
Instrument :
MSVOA_N
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152140-RB-72121

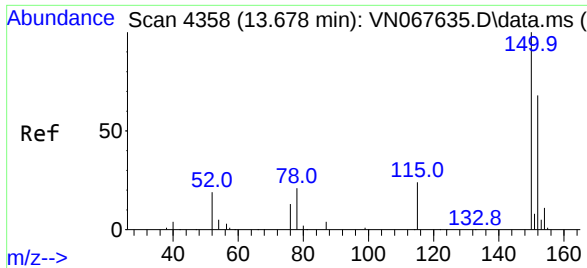
Tgt Ion:106 Resp: 5040
Ion Ratio Lower Upper
106 100
91 205.6 180.6 270.8



#69
o-Xylene
Concen: 0.353 ug/l
RT: 12.288 min Scan# 3840
Delta R.T. 0.005 min
Lab File: VN067912.D
Acq: 26 Jul 2021 17:16

Tgt Ion:106 Resp: 2702
Ion Ratio Lower Upper
106 100
91 213.5 118.3 354.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.000 min
 Lab File: VN067912.D
 Acq: 26 Jul 2021 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-RB-72121

Tgt Ion:152 Resp: 189849
 Ion Ratio Lower Upper
 152 100
 115 63.8 36.1 108.5
 150 160.9 0.0 351.8

