

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069167.D
 Acq On : 25 Oct 2021 21:55
 Operator : JC/MD
 Sample : M4284-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20876

Quant Time: Oct 26 01:37:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

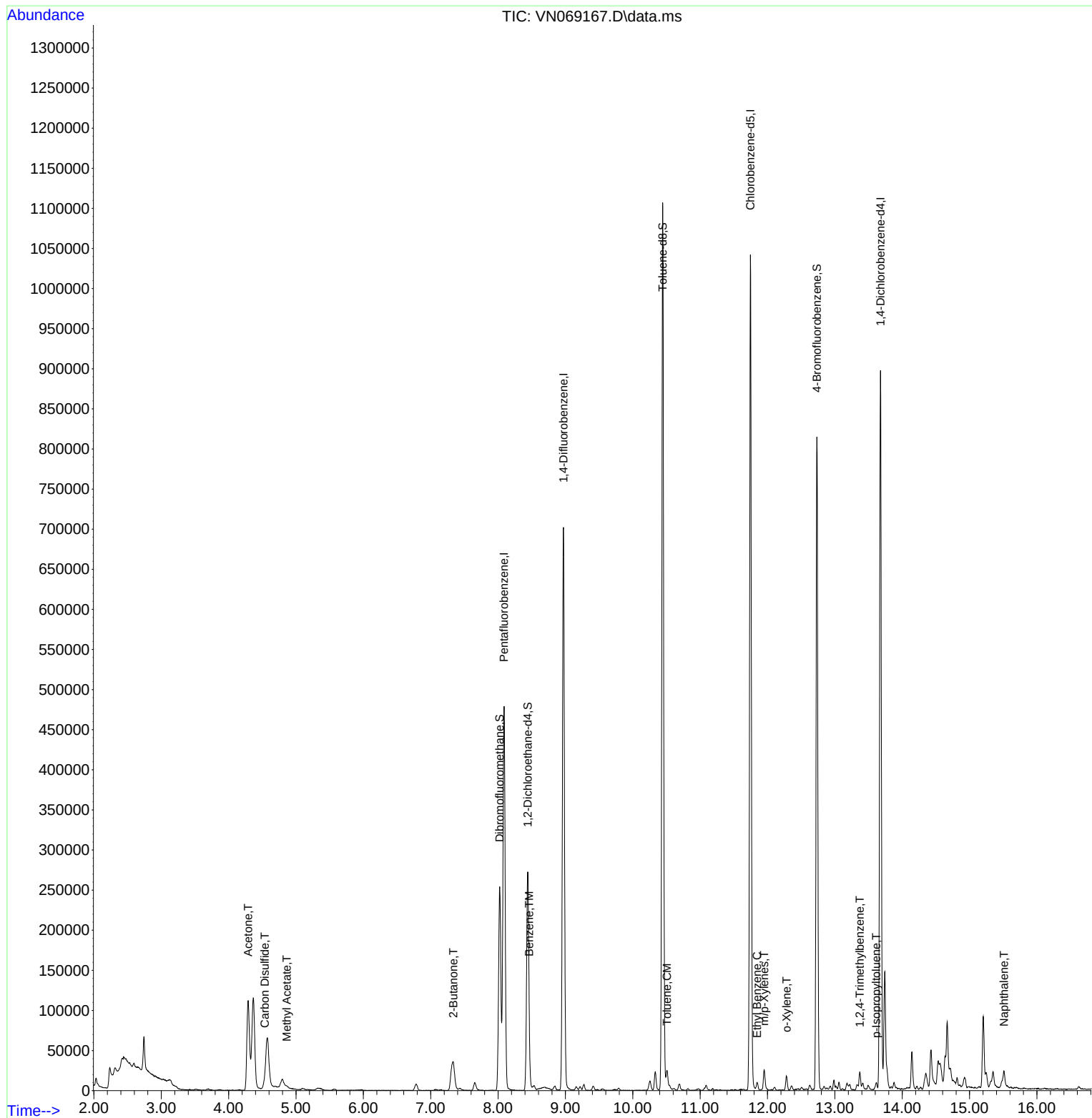
Internal Standards						
1) Pentafluorobenzene	8.088	168	362137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	633763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	606102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	243360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	232511	48.697	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.400%		
35) Dibromofluoromethane	8.024	113	186639	50.617	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.240%		
50) Toluene-d8	10.443	98	776525	52.633	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.260%		
62) 4-Bromofluorobenzene	12.734	95	294116	52.839	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.680%		
Target Compounds					Qvalue	
16) Acetone	4.291	43	210802	118.308	ug/l	99
17) Carbon Disulfide	4.537	76	28443	2.995	ug/l	98
18) Methyl Acetate	4.865	43	4971	0.736	ug/l #	83
25) 2-Butanone	7.337	43	42411	15.740	ug/l	97
40) Benzene	8.461	78	6462	0.392	ug/l	93
52) Toluene	10.508	92	9093	0.857	ug/l	99
67) Ethyl Benzene	11.846	91	7149	0.336	ug/l	98
68) m/p-Xylenes	11.950	106	7807	0.967	ug/l	98
69) o-Xylene	12.283	106	4606	0.570	ug/l	97
84) 1,2,4-Trimethylbenzene	13.372	105	14292	0.879	ug/l	96
86) p-Isopropyltoluene	13.616	119	5386	0.330	ug/l	90
95) Naphthalene	15.509	128	14600	5.006	ug/l	97

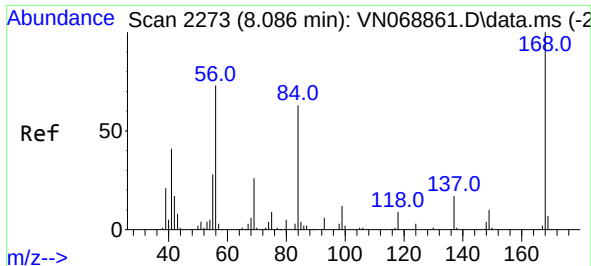
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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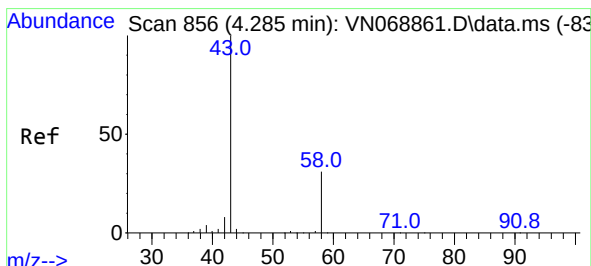
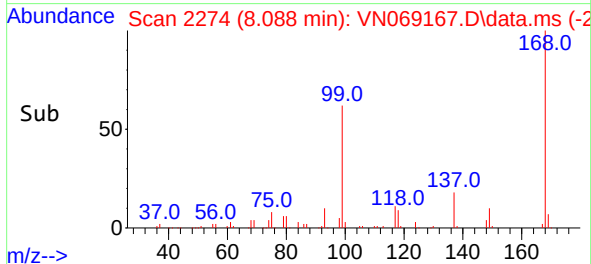
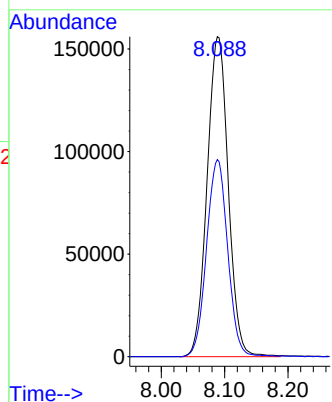
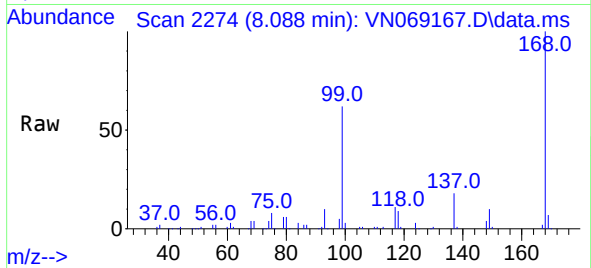




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

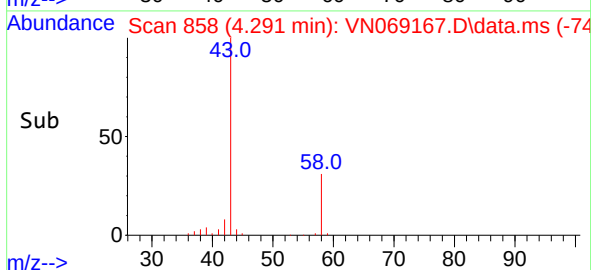
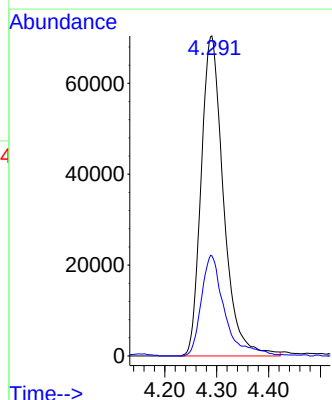
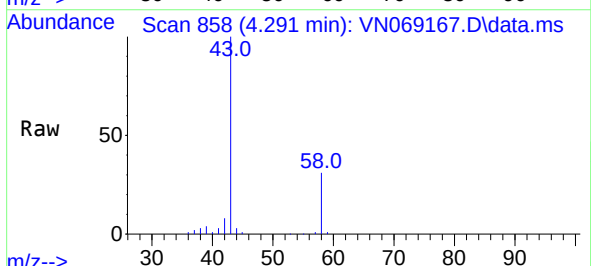
Instrument :
MSVOA_N
ClientSampled :
20876

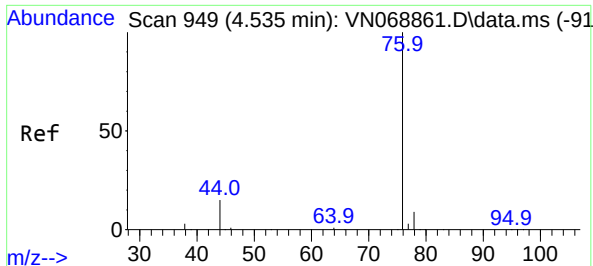
Tgt Ion:168 Resp: 362137
Ion Ratio Lower Upper
168 100
99 61.6 48.9 73.3



#16
Acetone
Concen: 118.308 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Tgt Ion: 43 Resp: 210802
Ion Ratio Lower Upper
43 100
58 31.3 24.5 36.7

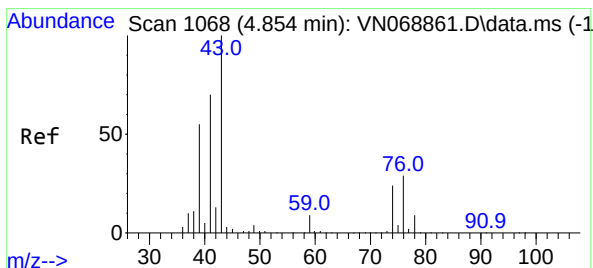
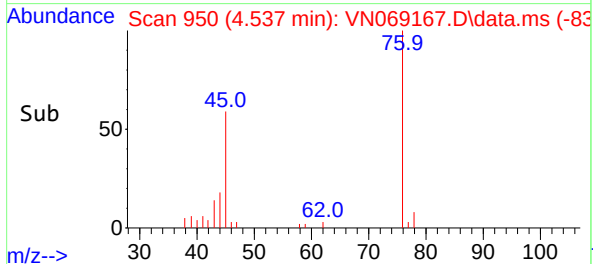
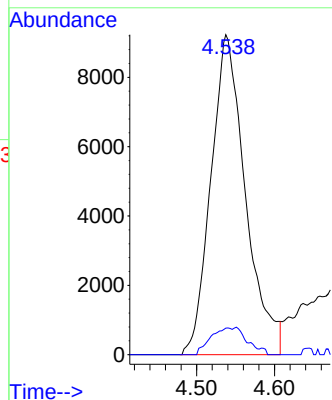
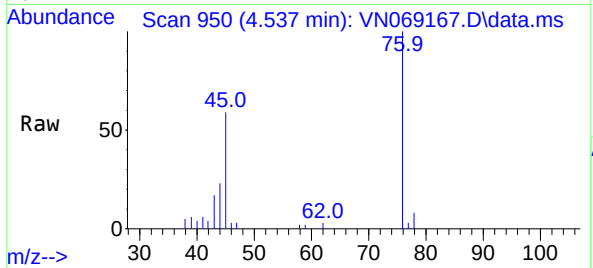




#17
Carbon Disulfide
Concen: 2.995 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.003 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

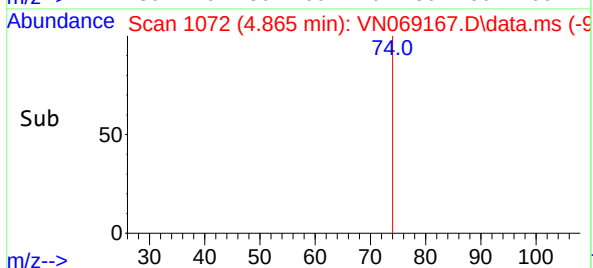
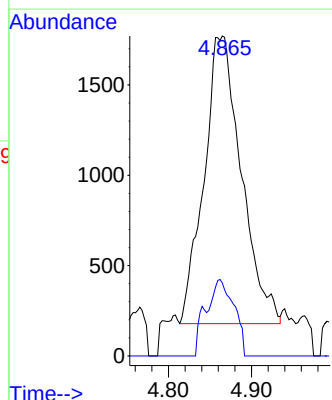
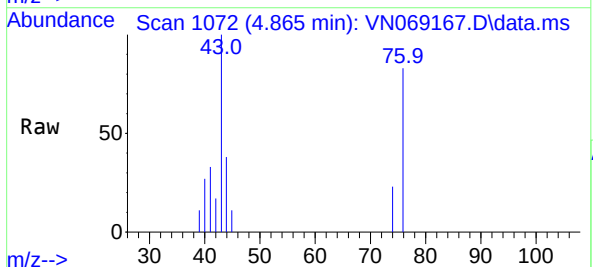
Instrument :
MSVOA_N
ClientSampleId :
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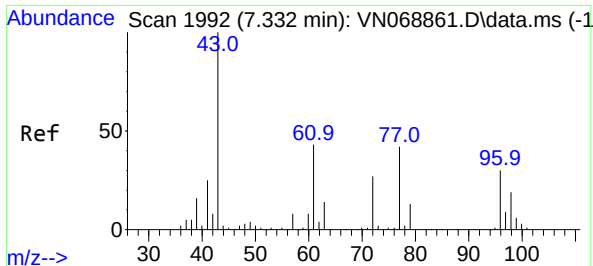
Tgt Ion: 76 Resp: 28443
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8



#18
Methyl Acetate
Concen: 0.736 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Tgt Ion: 43 Resp: 4971
Ion Ratio Lower Upper
43 100
74 15.3 18.9 28.3#

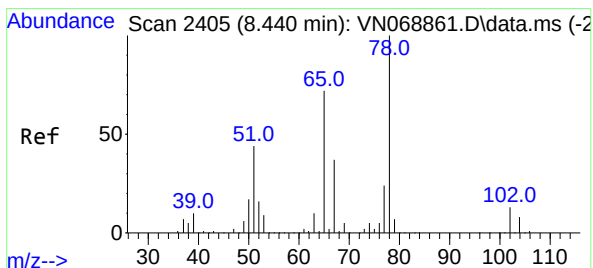
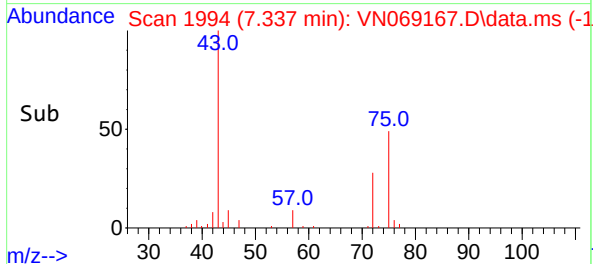
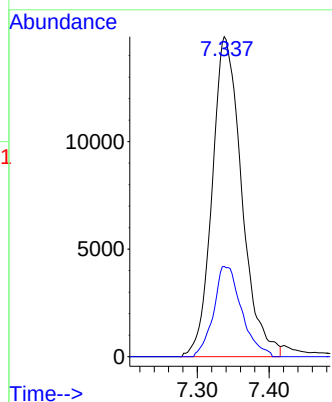
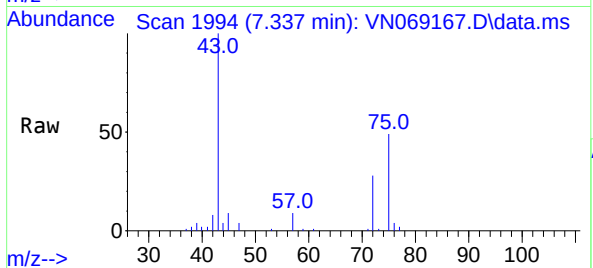




#25
2-Butanone
Concen: 15.740 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

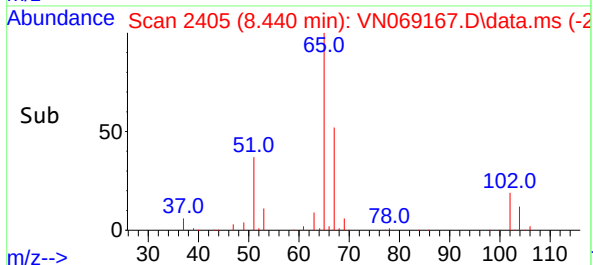
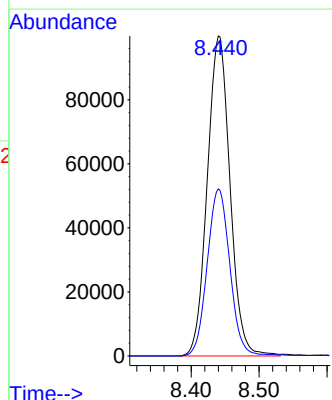
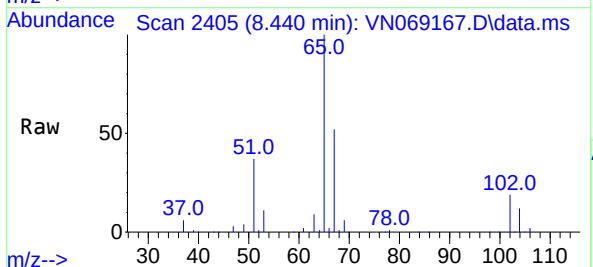
Instrument :
MSVOA_N
ClientSampled :
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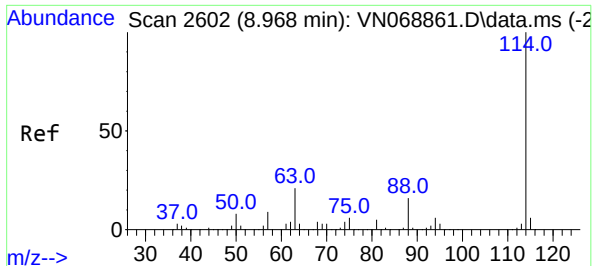
Tgt Ion: 43 Resp: 42411
Ion Ratio Lower Upper
43 100
72 28.2 21.2 31.8



#33
1,2-Dichloroethane-d4
Concen: 48.697 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Tgt Ion: 65 Resp: 232511
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

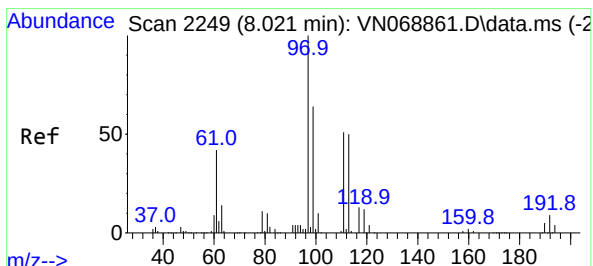
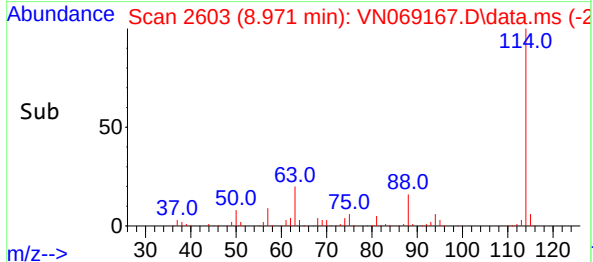
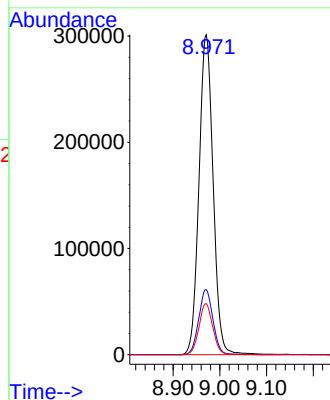
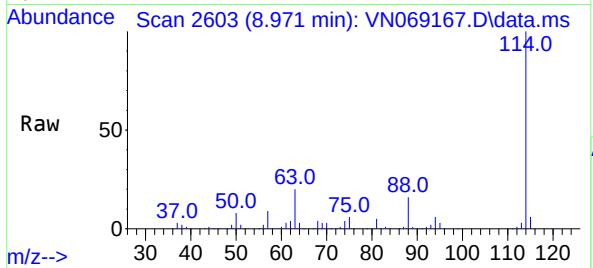




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

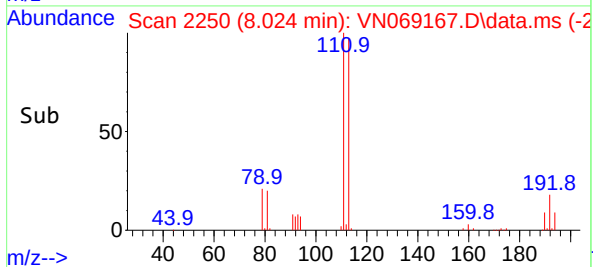
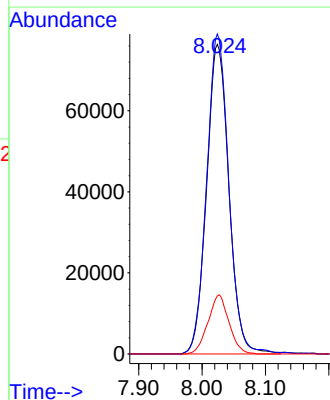
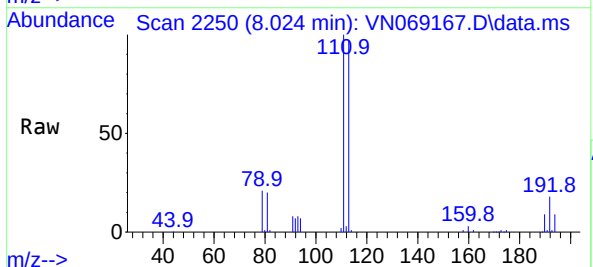
Instrument :
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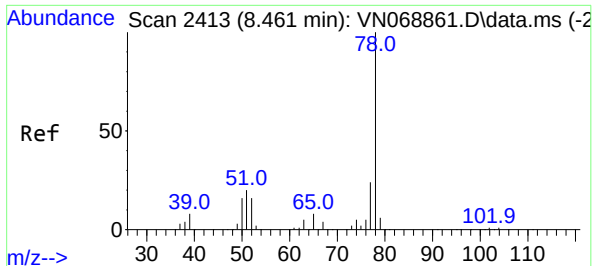
Tgt Ion:114 Resp: 633763
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.617 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Tgt Ion:113 Resp: 186639
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 18.0 15.0 22.4

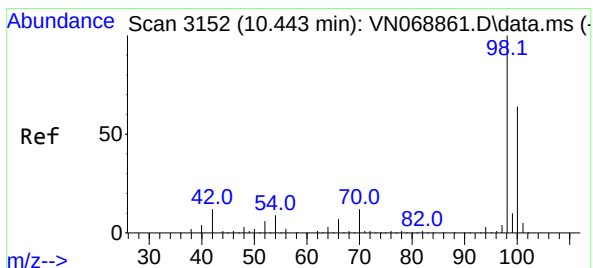
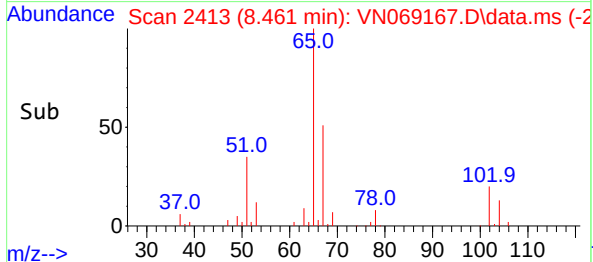
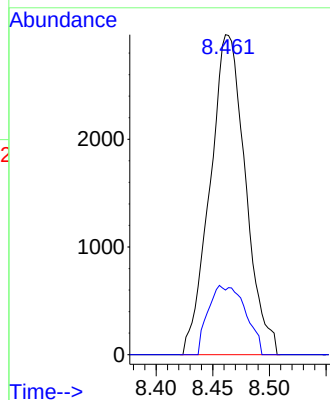
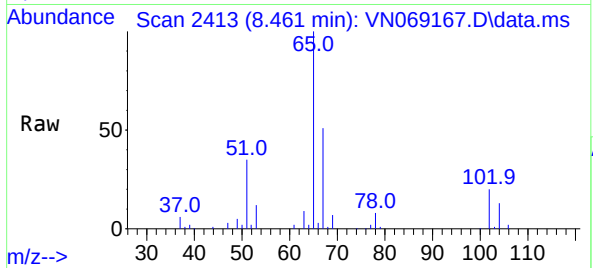




#40
Benzene
Concen: 0.392 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

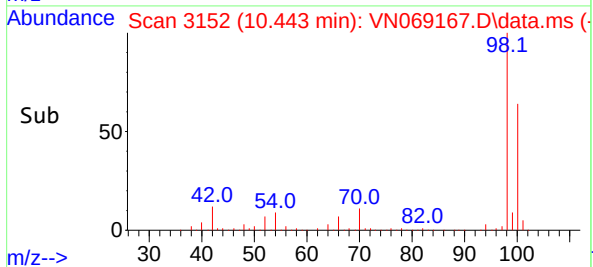
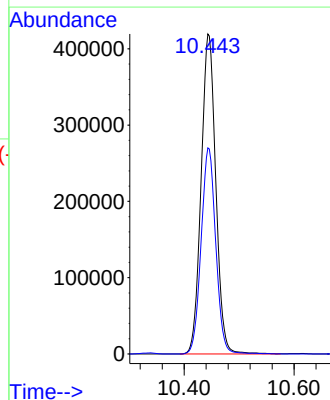
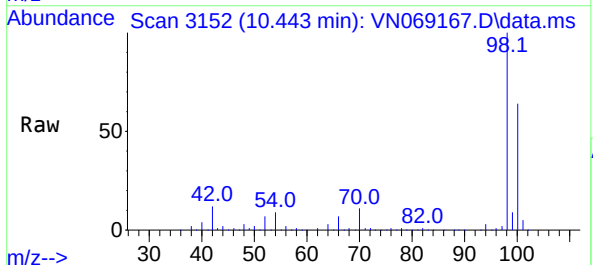
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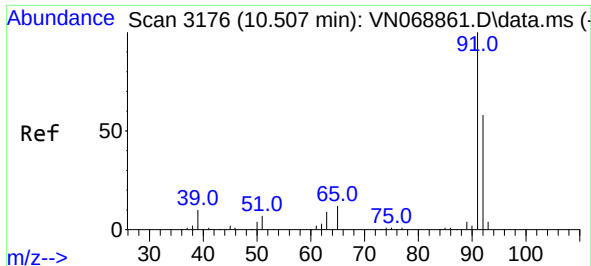
Tgt Ion: 78 Resp: 6462
Ion Ratio Lower Upper
78 100
77 20.2 19.1 28.7



#50
Toluene-d8
Concen: 52.633 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Tgt Ion: 98 Resp: 776525
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

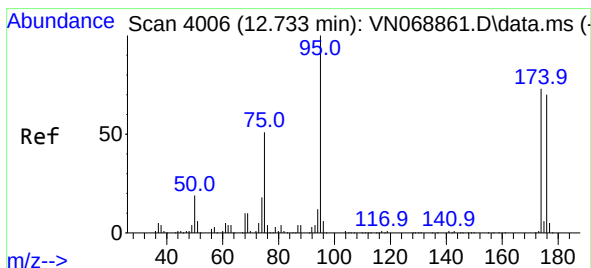
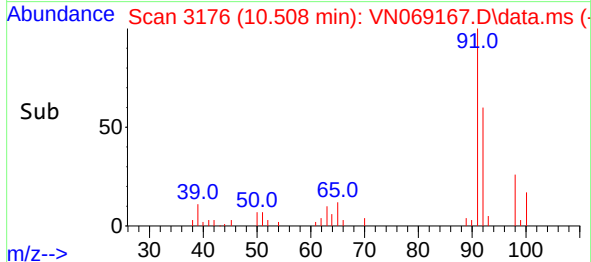
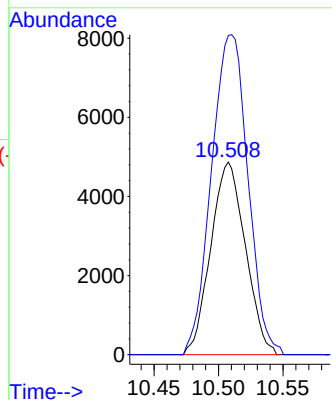
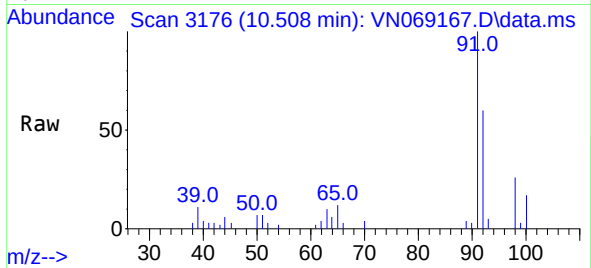




#52
Toluene
Concen: 0.857 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

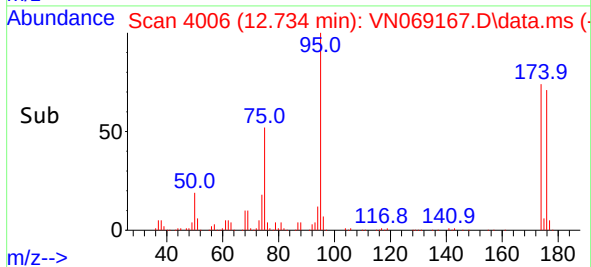
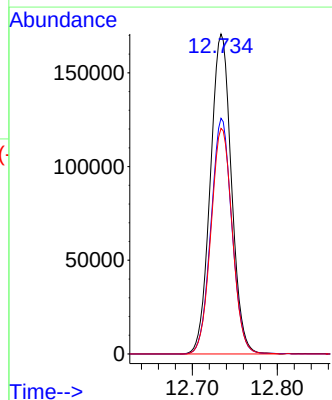
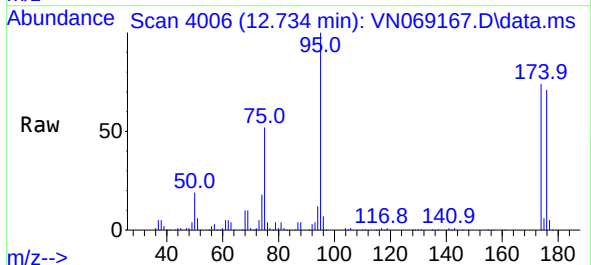
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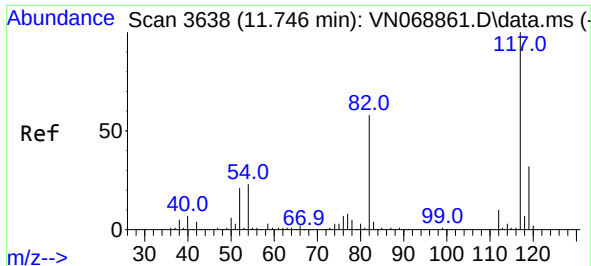
Tgt Ion: 92 Resp: 9093
Ion Ratio Lower Upper
92 100
91 175.1 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 52.839 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Tgt Ion: 95 Resp: 294116
Ion Ratio Lower Upper
95 100
174 73.3 0.0 144.8
176 71.2 0.0 140.0

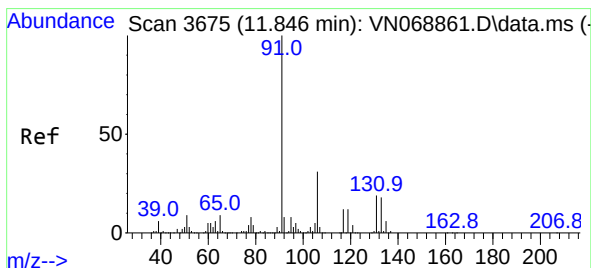
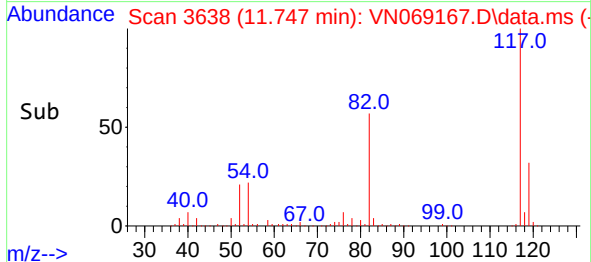
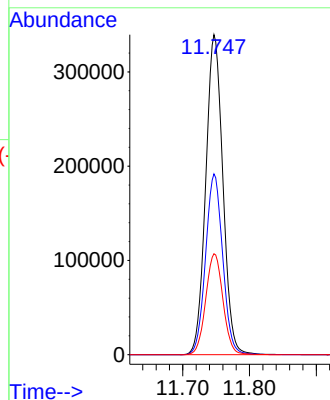
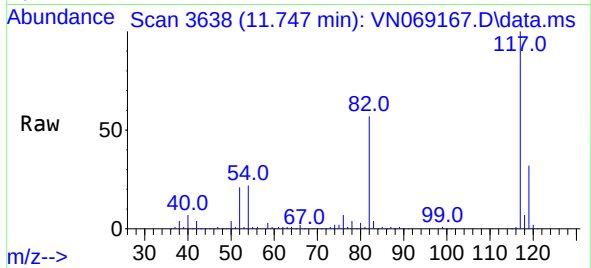




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

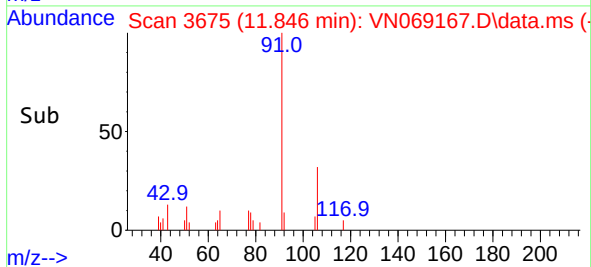
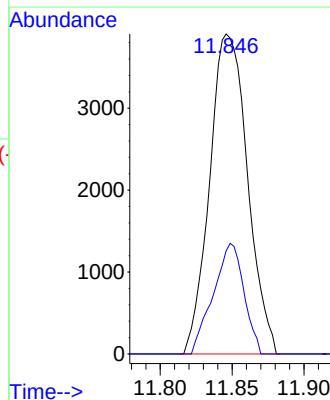
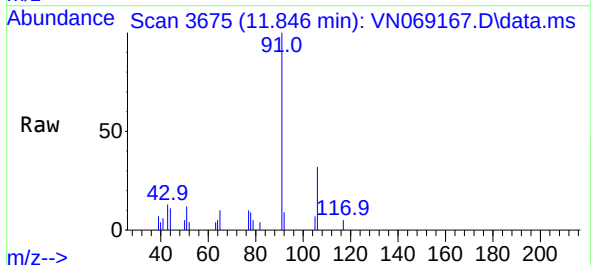
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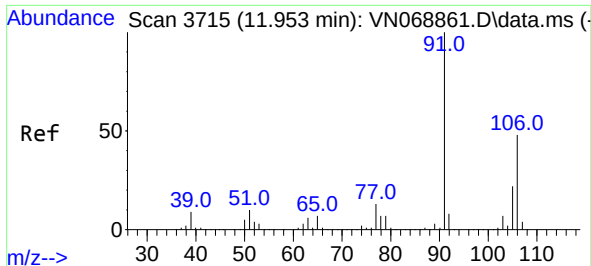
Tgt Ion:117 Resp: 606102
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 31.6 26.0 39.0



#67
Ethyl Benzene
Concen: 0.336 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Tgt Ion: 91 Resp: 7149
Ion Ratio Lower Upper
91 100
106 32.2 24.8 37.2

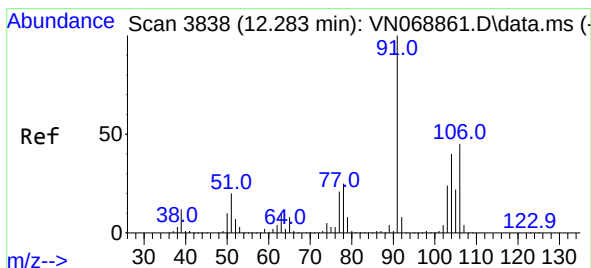
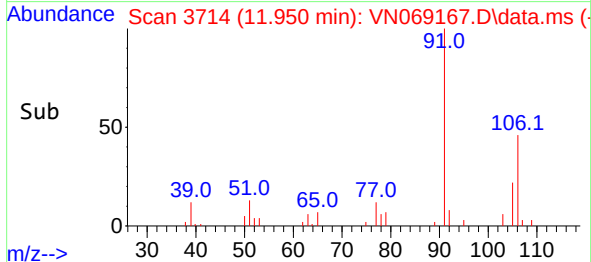
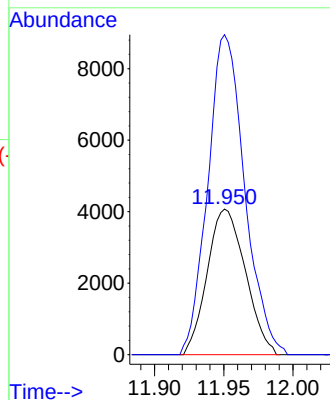
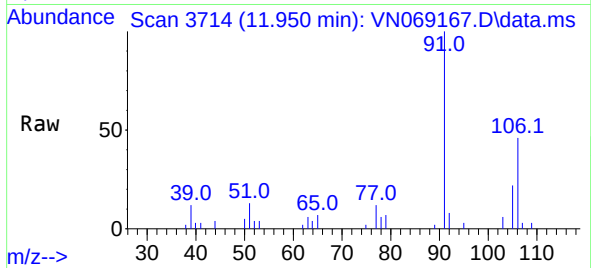




#68
m/p-Xylenes
Concen: 0.967 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

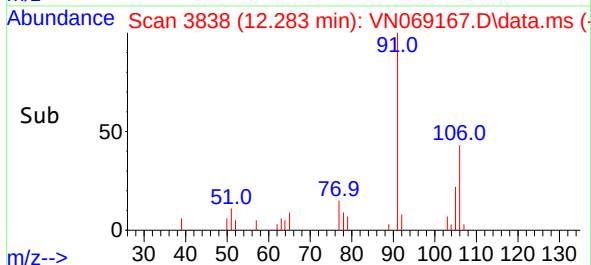
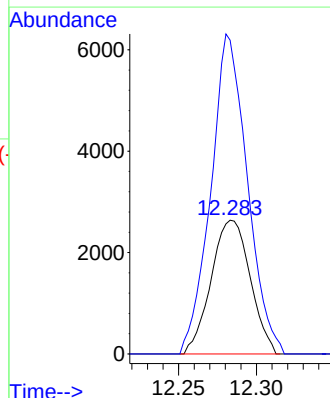
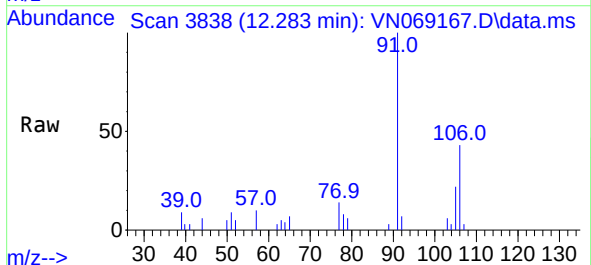
Instrument :
MSVOA_N
ClientSampled :
20876

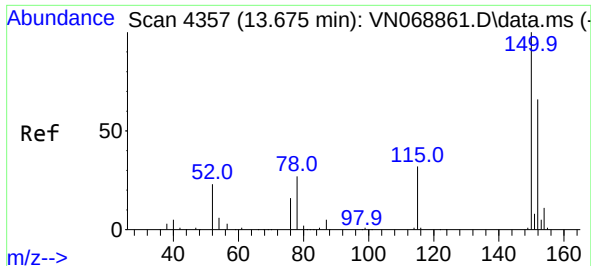
Tgt Ion:106 Resp: 7807
Ion Ratio Lower Upper
106 100
91 212.3 166.8 250.2



#69
o-Xylene
Concen: 0.570 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Tgt Ion:106 Resp: 4606
Ion Ratio Lower Upper
106 100
91 223.2 109.6 328.6

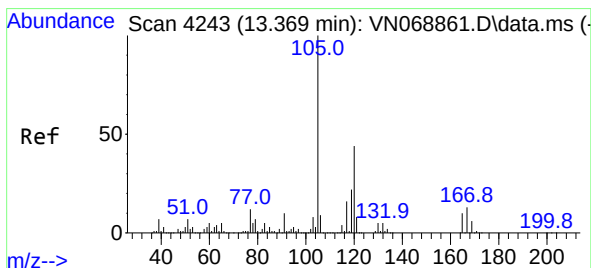
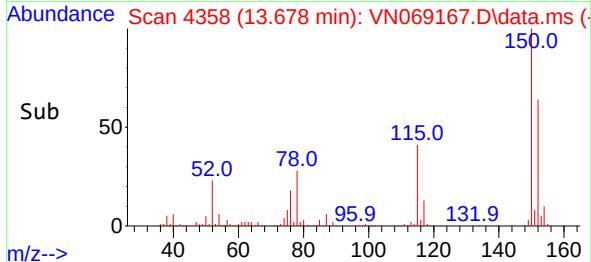
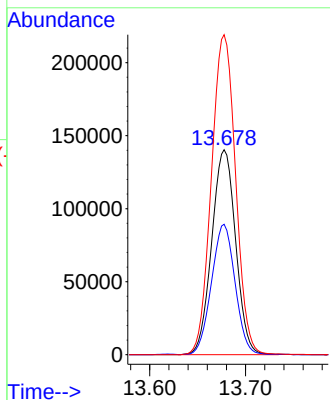
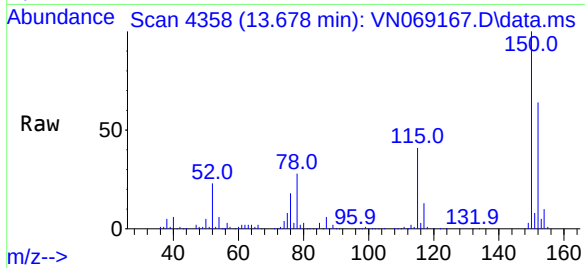




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

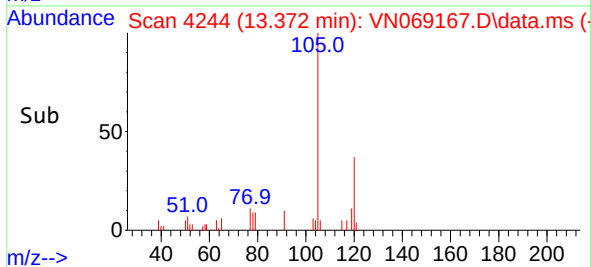
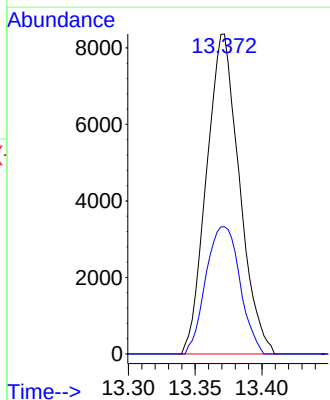
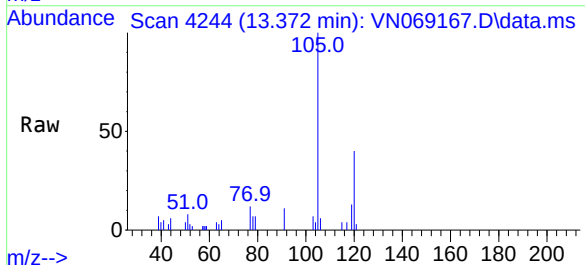
Instrument :
MSVOA_N
ClientSampleId :
20876

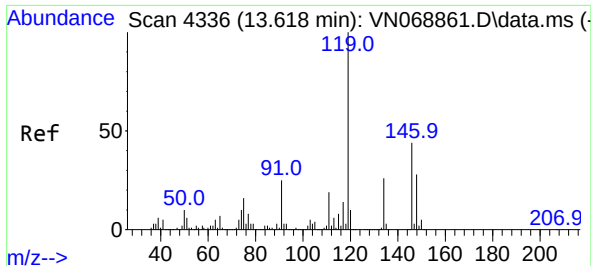
Tgt Ion:152 Resp: 243360
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 157.7 0.0 351.0



#84
1,2,4-Trimethylbenzene
Concen: 0.879 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Tgt Ion:105 Resp: 14292
Ion Ratio Lower Upper
105 100
120 41.3 21.9 65.5

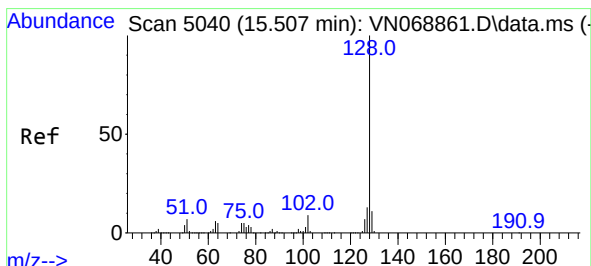
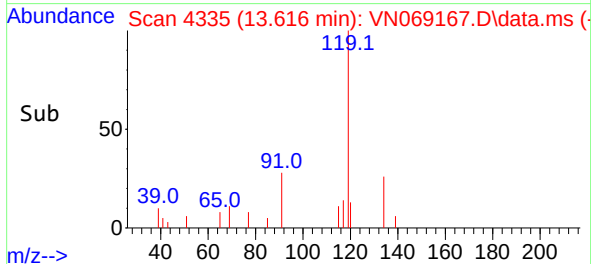
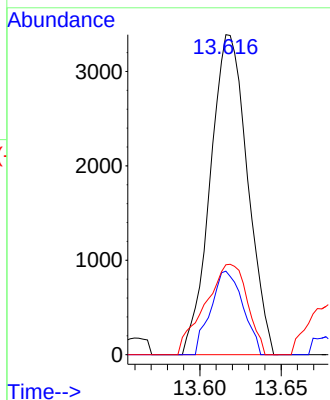
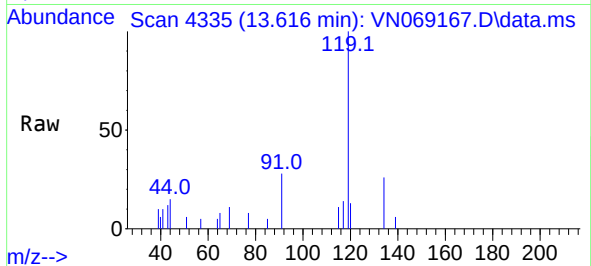




#86
p-Isopropyltoluene
Concen: 0.330 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Instrument :
MSVOA_N
ClientSampleId :
20876

Tgt Ion:	119	Resp:	5386
Ion	Ratio	Lower	Upper
119	100		
134	22.6	12.9	38.6
91	32.1	12.8	38.4



#95
Naphthalene
Concen: 5.006 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069167.D
Acq: 25 Oct 2021 21:55

Tgt Ion:	128	Resp:	14600
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.5	15.7
129	11.7	8.9	13.3

