

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069159.D
 Acq On : 25 Oct 2021 18:34
 Operator : JC/MD
 Sample : M4253-01DL 10X
 Misc : 1.15g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 131DL

Quant Time: Oct 26 01:35:35 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)

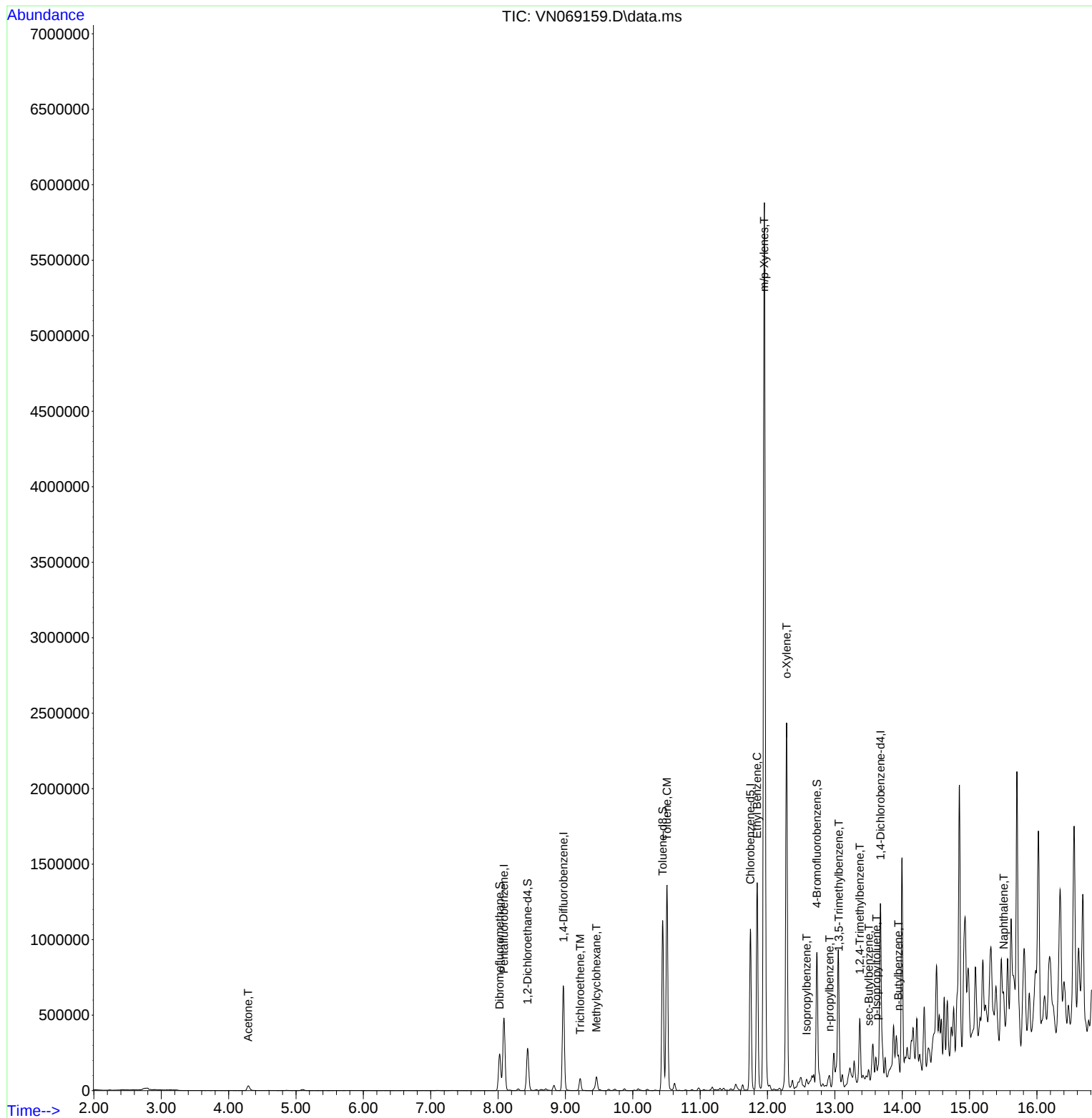
Internal Standards						
1) Pentafluorobenzene	8.088	168	360788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	626961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	629598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	277245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	235711	49.552	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.100%		
35) Dibromofluoromethane	8.024	113	180589	49.507	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.020%		
50) Toluene-d8	10.443	98	794212	54.416	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.840%		
62) 4-Bromofluorobenzene	12.733	95	320096	58.130	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	116.260%		
Target Compounds						Qvalue
16) Acetone	4.291	43	59829	33.703	ug/l	99
39) Methylcyclohexane	9.461	83	39226	5.691	ug/l	97
44) Trichloroethene	9.217	130	28625	7.014	ug/l	99
52) Toluene	10.507	92	603441	57.517	ug/l	98
67) Ethyl Benzene	11.846	91	1037775	46.894	ug/l	100
68) m/p-Xylenes	11.953	106	1813937	216.220	ug/l	100
69) o-Xylene	12.283	106	669779	79.761	ug/l	99
73) Isopropylbenzene	12.581	105	30195	1.308	ug/l	99
78) n-propylbenzene	12.921	91	54073	2.085	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	66865	3.479	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	250132	13.506	ug/l	99
85) sec-Butylbenzene	13.503	105	36468	1.574	ug/l	88
86) p-Isopropyltoluene	13.618	119	23114	1.244	ug/l	97
89) n-Butylbenzene	13.943	91	62682	4.051	ug/l #	79
95) Naphthalene	15.507	128	84094	9.849	ug/l #	90

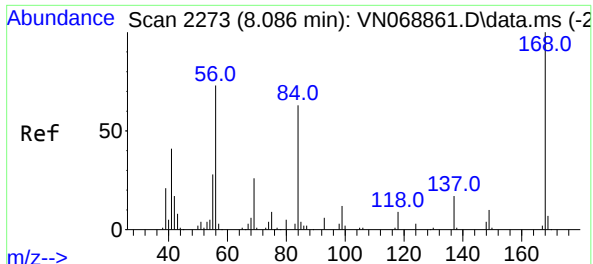
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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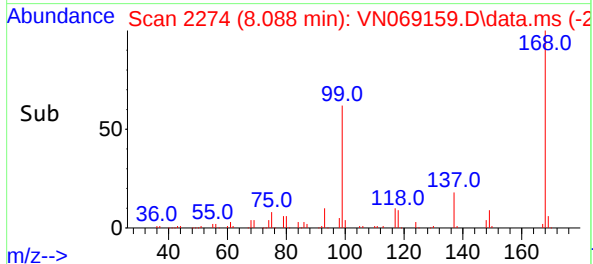
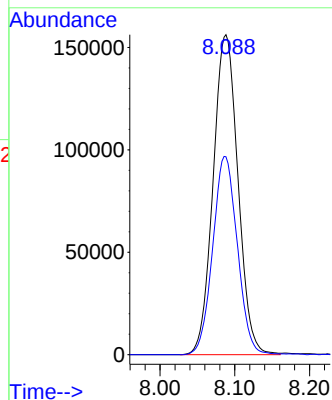
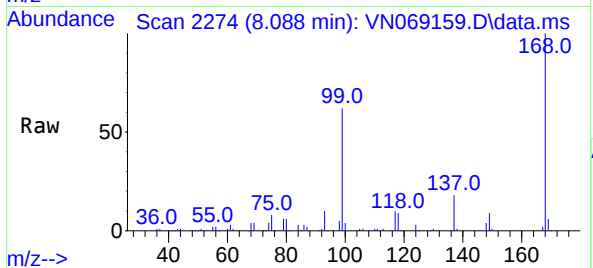




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

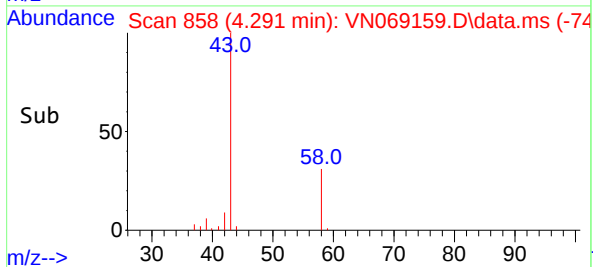
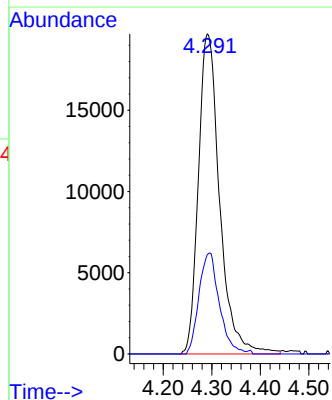
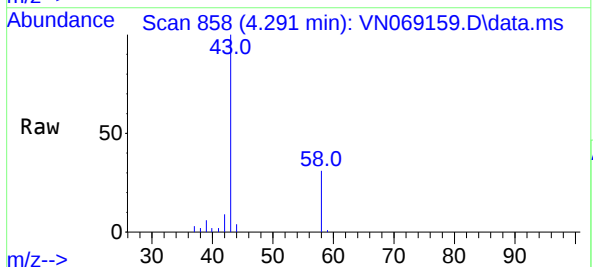
Instrument :
MSVOA_N
ClientSampleId :
131DL

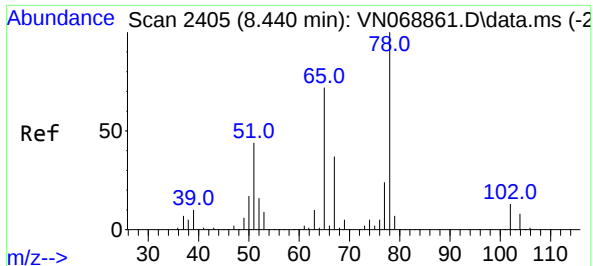
Tgt Ion:168 Resp: 360788
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3



#16
Acetone
Concen: 33.703 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.005 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Tgt Ion: 43 Resp: 59829
Ion Ratio Lower Upper
43 100
58 31.0 24.5 36.7



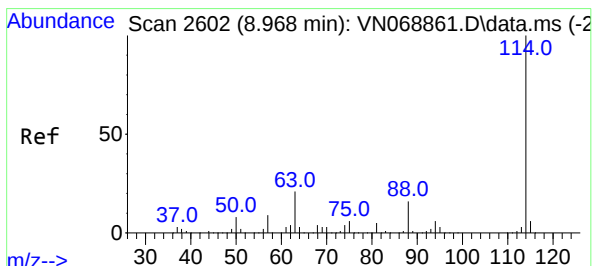
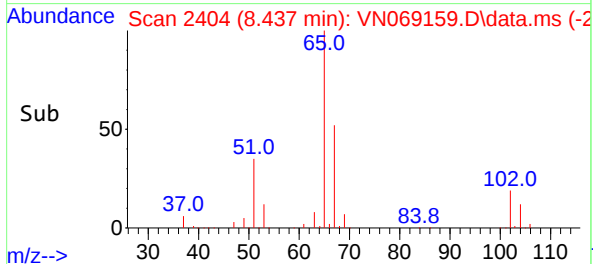
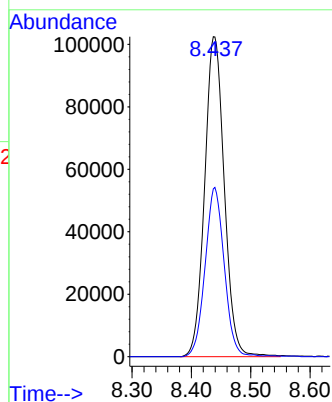
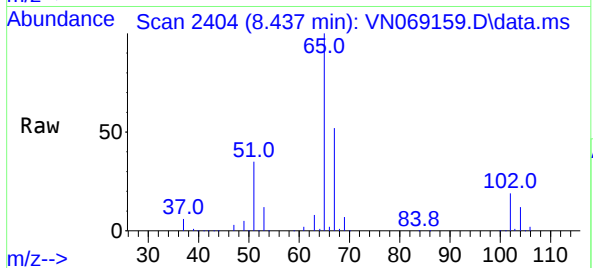


#33

1,2-Dichloroethane-d4
Concen: 49.552 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Instrument :
MSVOA_N
ClientSampleId :
131DL

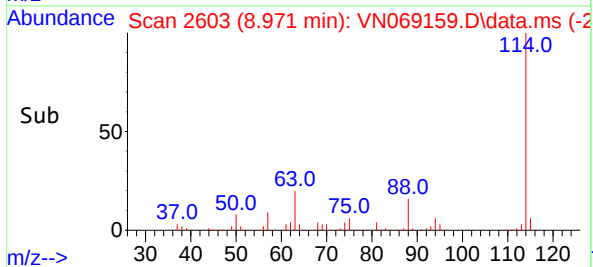
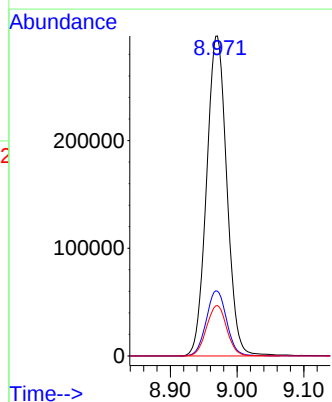
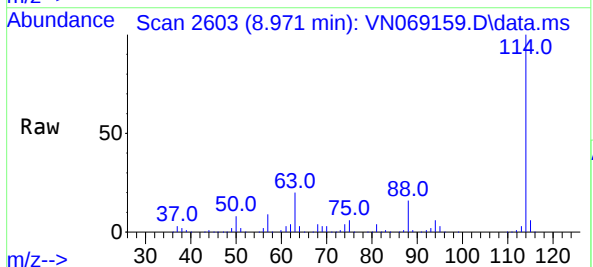
Tgt Ion: 65 Resp: 235711
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8

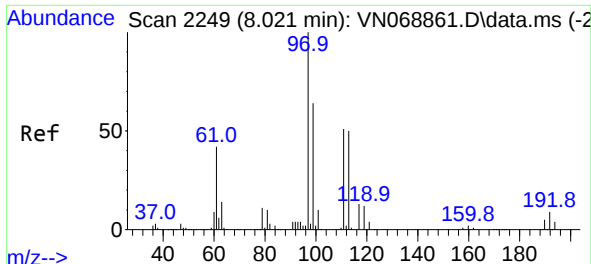


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Tgt Ion: 114 Resp: 626961
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.7 0.0 32.0

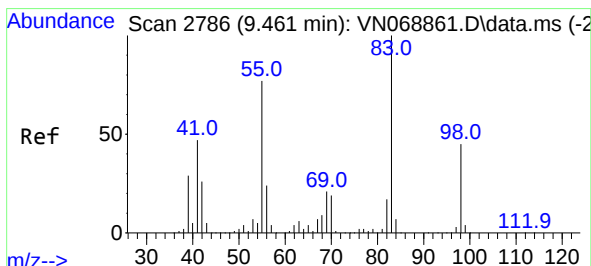
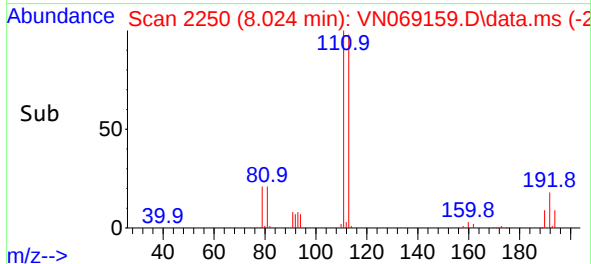
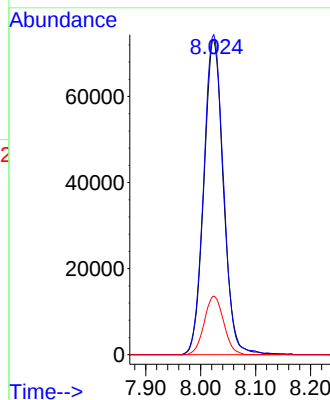
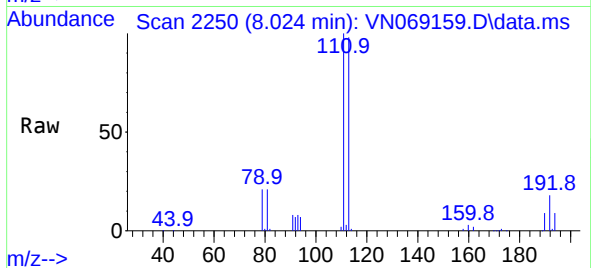




#35
Dibromofluoromethane
Concen: 49.507 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

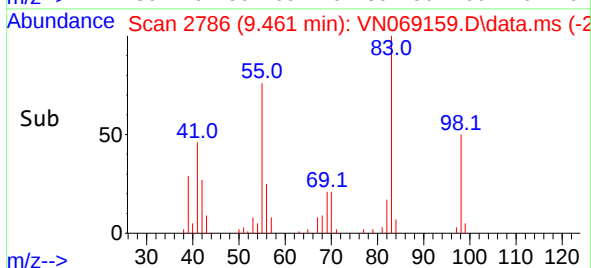
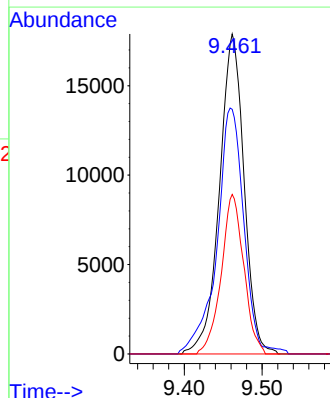
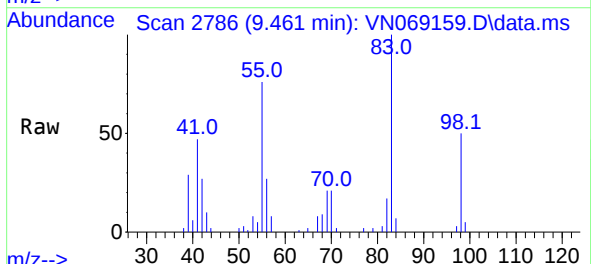
Instrument :
MSVOA_N
ClientSampled :
131DL

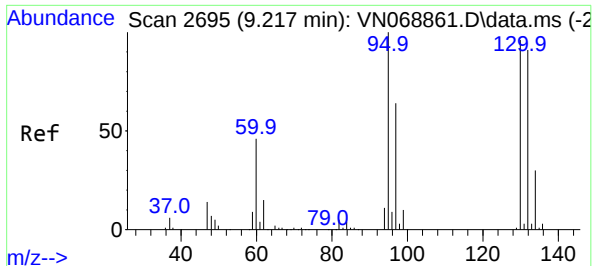
Tgt Ion:113 Resp: 180589
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 18.5 15.0 22.4



#39
Methylcyclohexane
Concen: 5.691 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Tgt Ion: 83 Resp: 39226
Ion Ratio Lower Upper
83 100
55 75.4 61.4 92.0
98 49.8 36.4 54.6

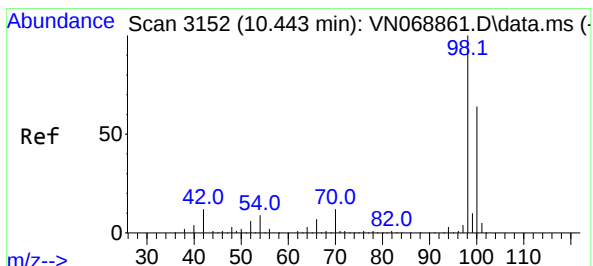
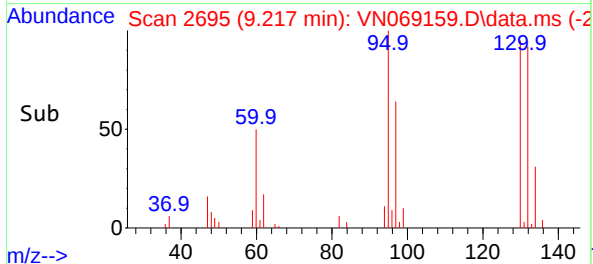
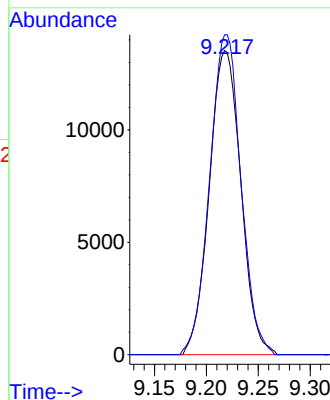
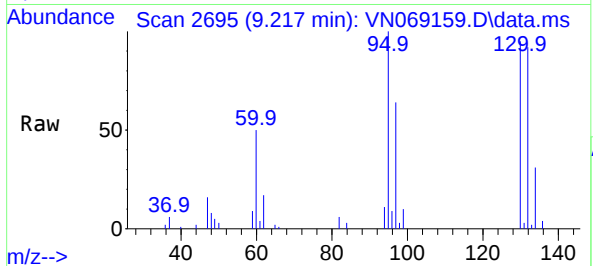




#44
Trichloroethene
Concen: 7.014 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

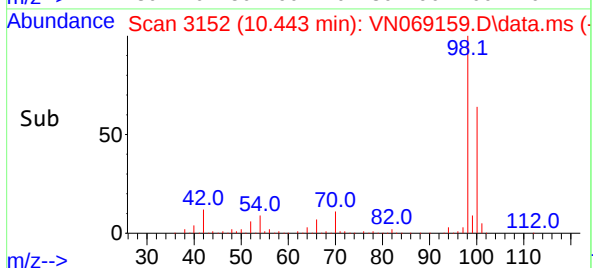
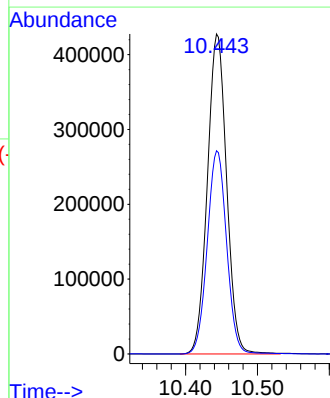
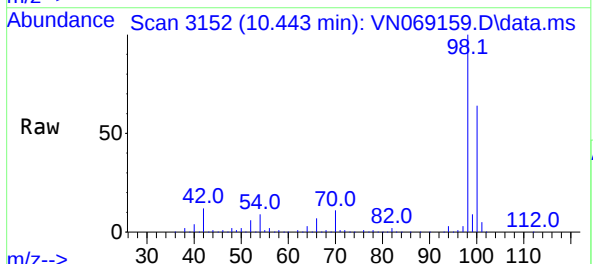
Instrument :
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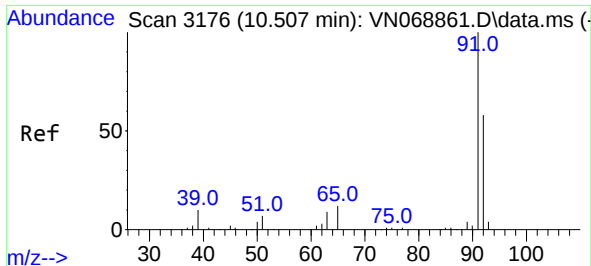
Tgt Ion:130 Resp: 28625
Ion Ratio Lower Upper
130 100
95 105.1 0.0 208.0



#50
Toluene-d8
Concen: 54.416 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Tgt Ion: 98 Resp: 794212
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

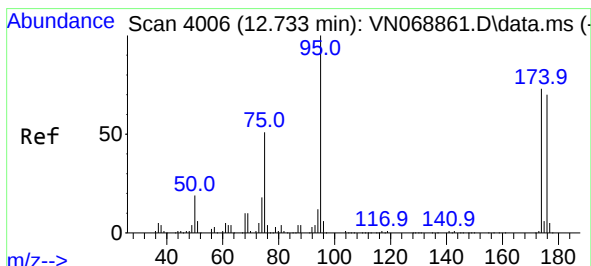
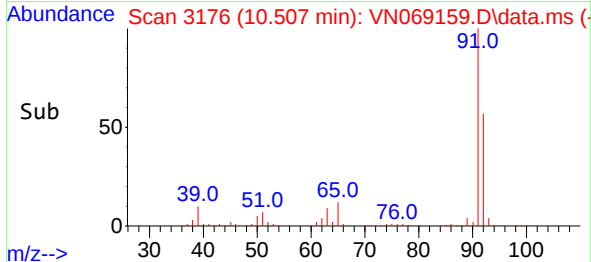
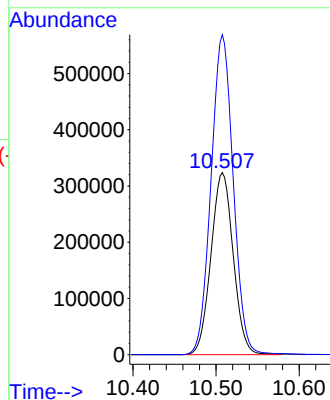
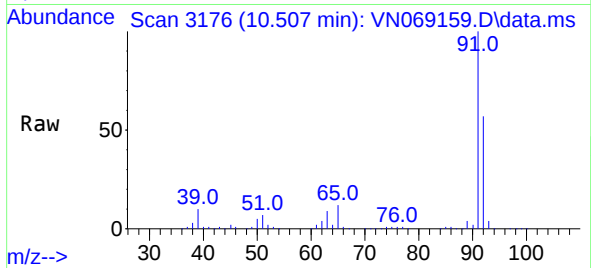




#52
Toluene
Concen: 57.517 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

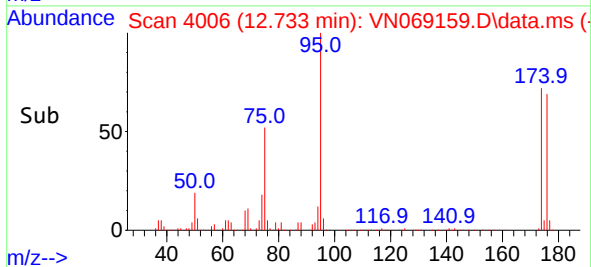
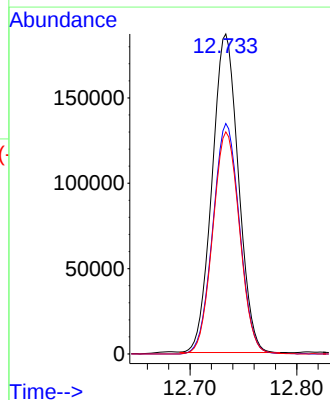
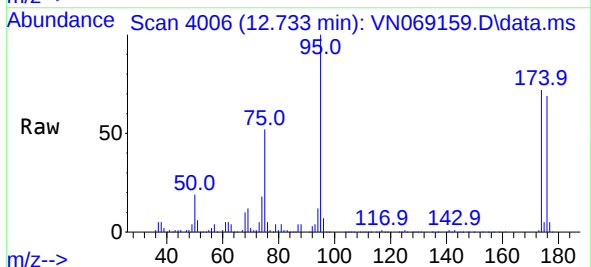
Instrument :
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ClientSampled :
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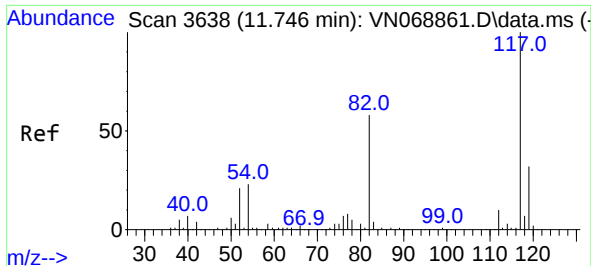
Tgt Ion: 92 Resp: 603441
Ion Ratio Lower Upper
92 100
91 175.3 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 58.130 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Tgt Ion: 95 Resp: 320096
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.8
176 71.0 0.0 140.0

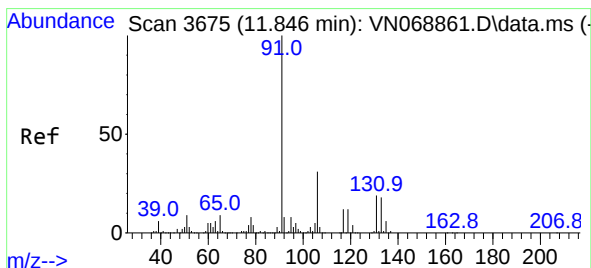
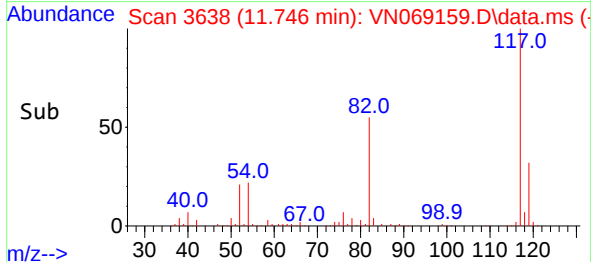
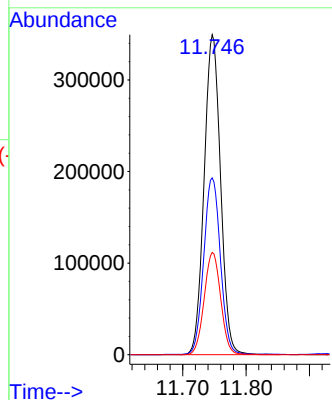
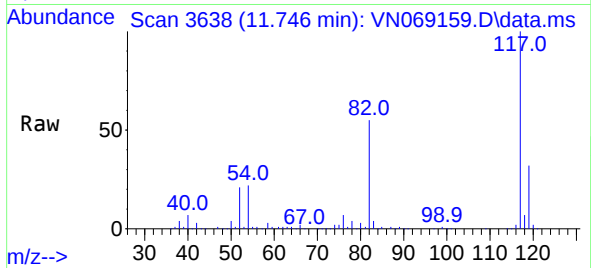




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

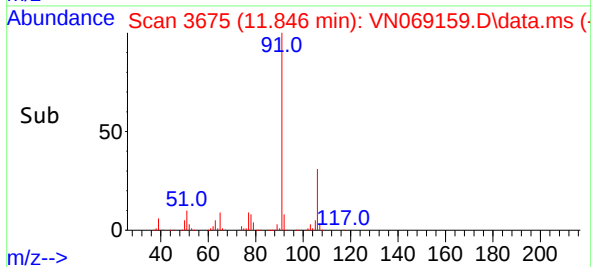
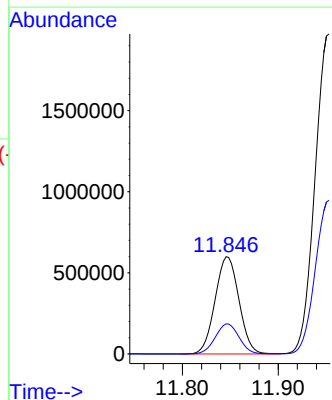
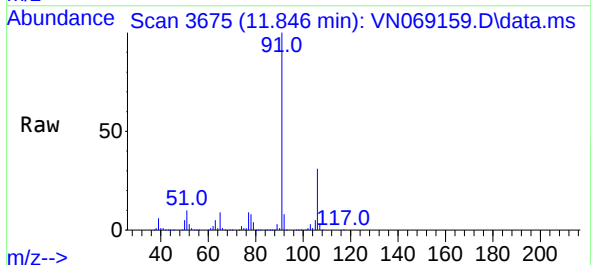
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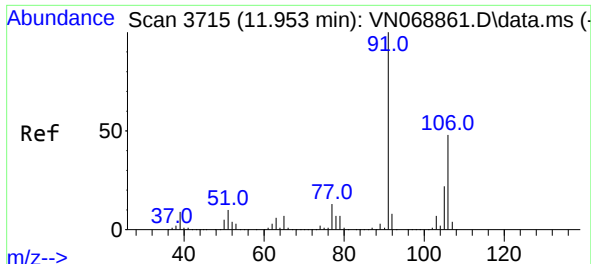
Tgt Ion:117 Resp: 629598
Ion Ratio Lower Upper
117 100
82 55.2 46.4 69.6
119 32.0 26.0 39.0



#67
Ethyl Benzene
Concen: 46.894 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Tgt Ion: 91 Resp: 1037775
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

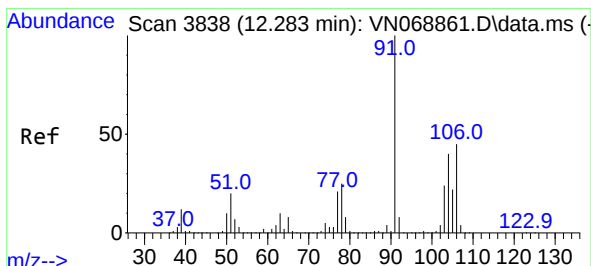
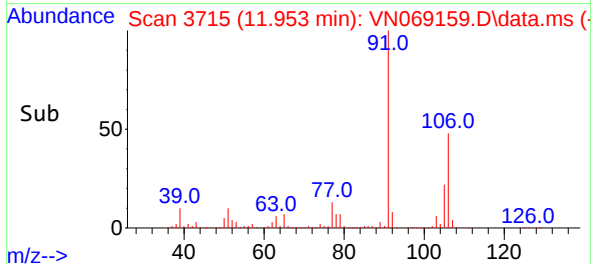
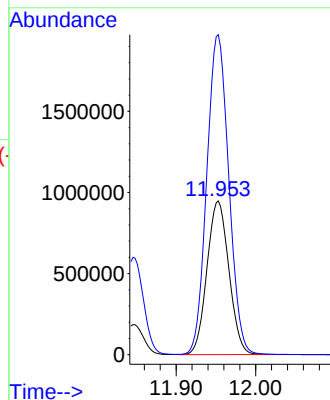
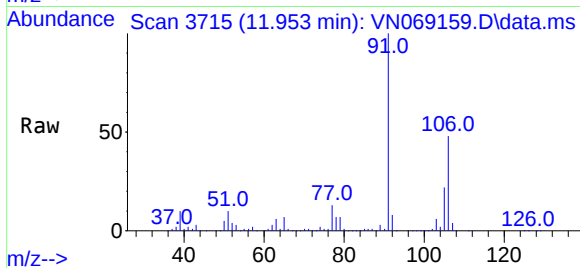




#68
m/p-Xylenes
Concen: 216.220 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

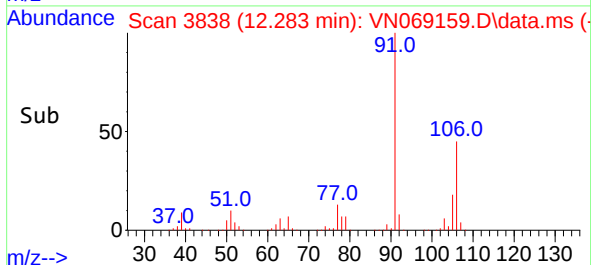
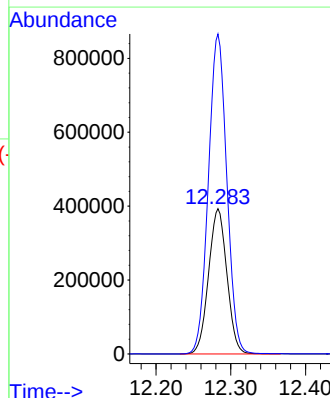
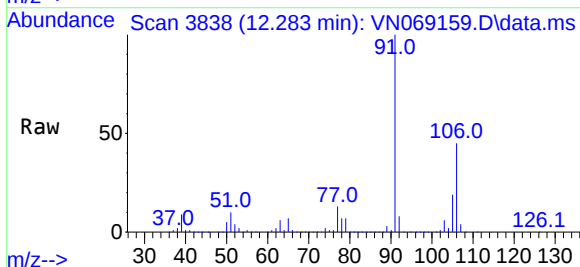
Instrument :
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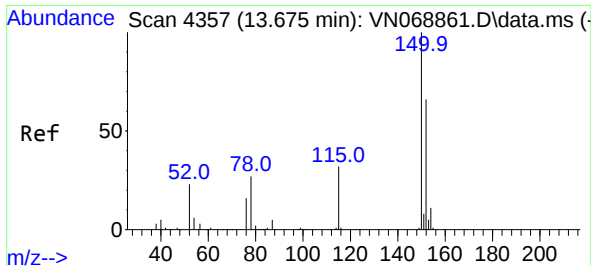
Tgt Ion:106 Resp: 1813937
Ion Ratio Lower Upper
106 100
91 209.0 166.8 250.2



#69
o-Xylene
Concen: 79.761 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Tgt Ion:106 Resp: 669779
Ion Ratio Lower Upper
106 100
91 221.3 109.6 328.6

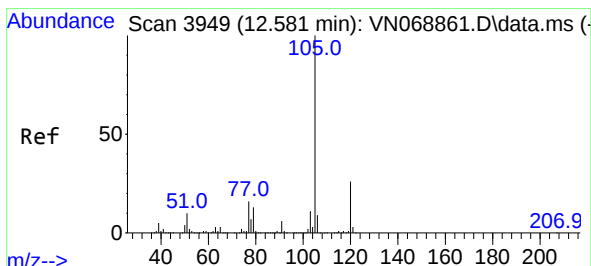
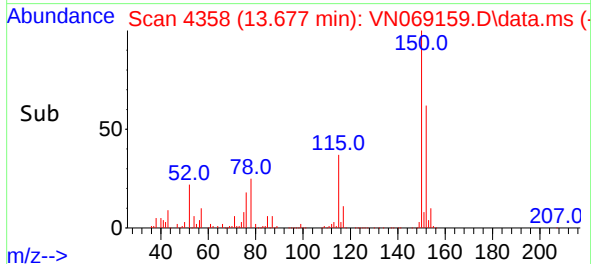
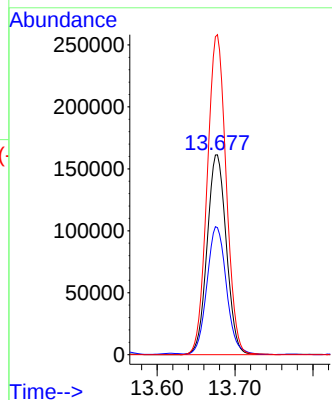
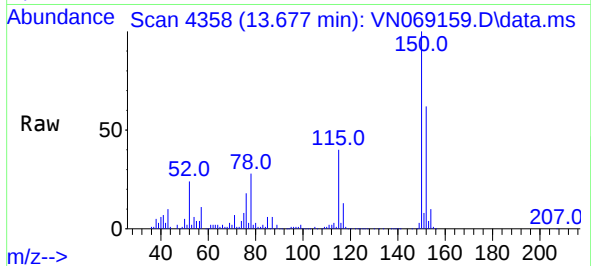




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

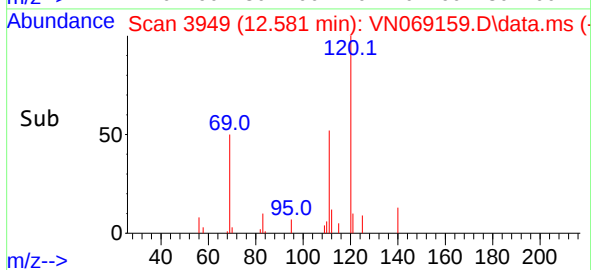
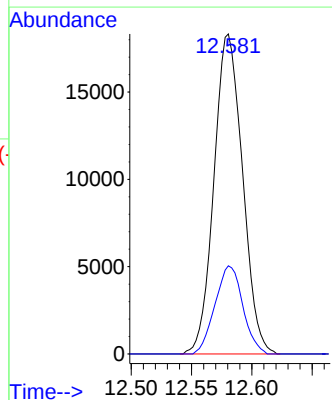
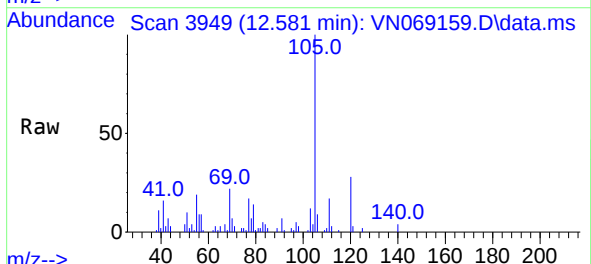
Instrument :
MSVOA_N
ClientSampled :
131DL

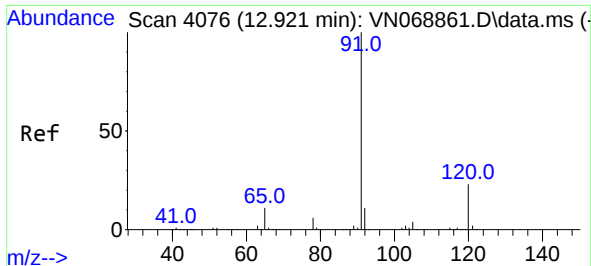
Tgt Ion:152 Resp: 277245
Ion Ratio Lower Upper
152 100
115 65.0 31.4 94.3
150 158.1 0.0 351.0



#73
Isopropylbenzene
Concen: 1.308 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Tgt Ion:105 Resp: 30195
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3

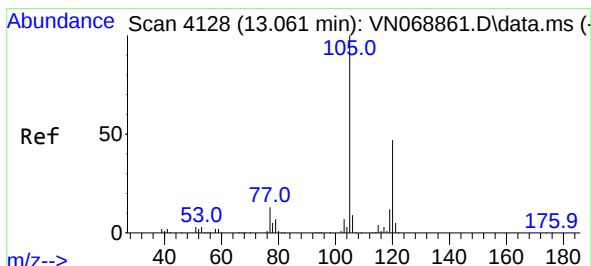
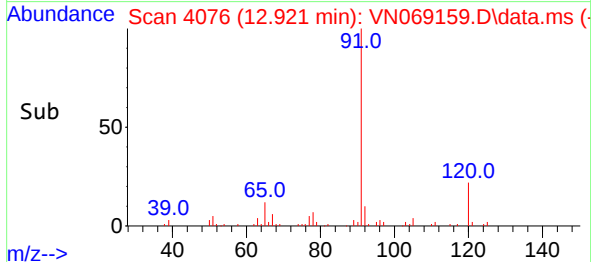
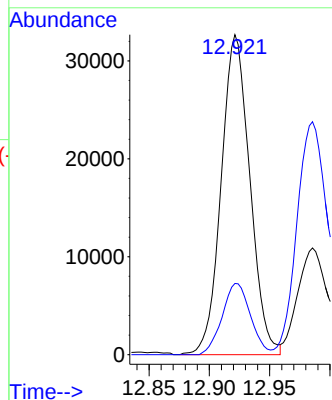
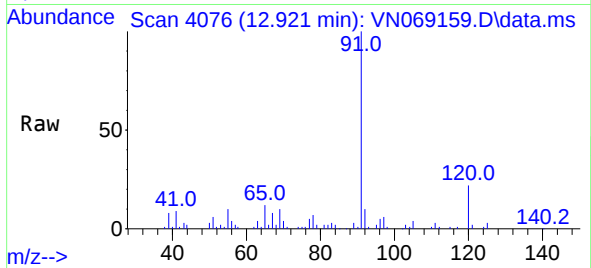




#78
n-propylbenzene
Concen: 2.085 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

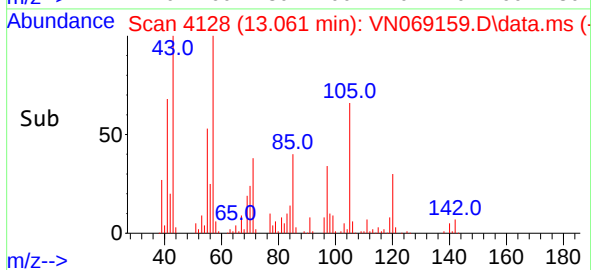
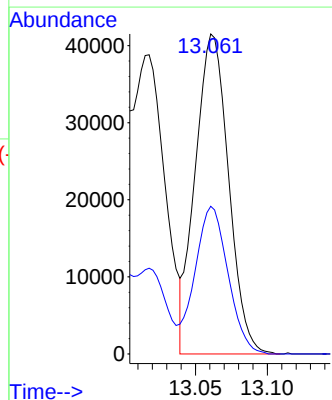
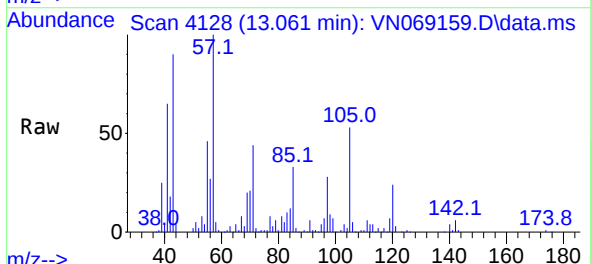
Instrument :
MSVOA_N
ClientSampled :
131DL

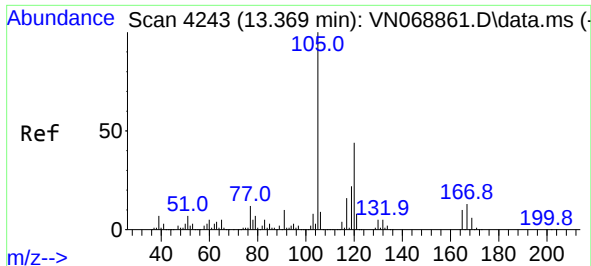
Tgt Ion: 91 Resp: 54073
Ion Ratio Lower Upper
91 100
120 21.9 11.4 34.1



#80
1,3,5-Trimethylbenzene
Concen: 3.479 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Tgt Ion: 105 Resp: 66865
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.2

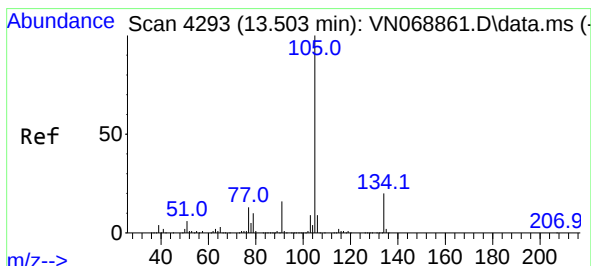
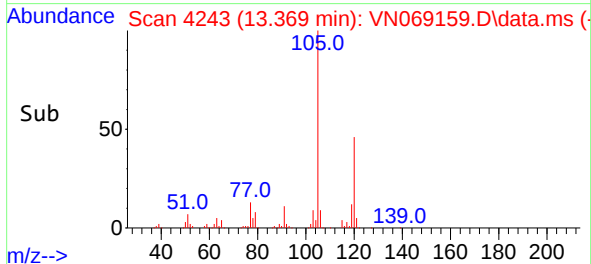
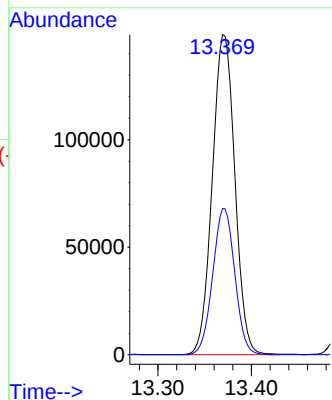
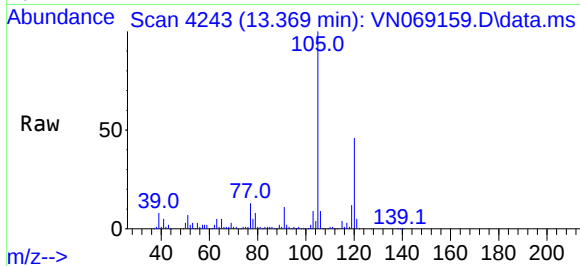




#84
1,2,4-Trimethylbenzene
Concen: 13.506 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

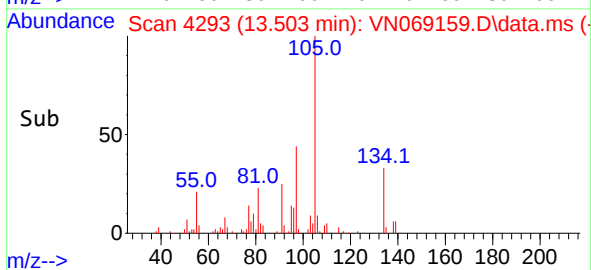
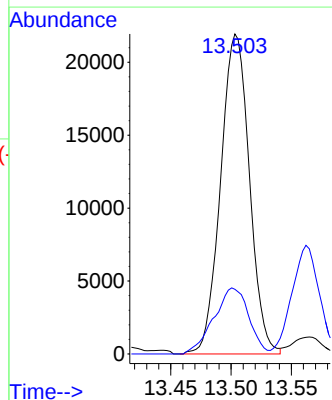
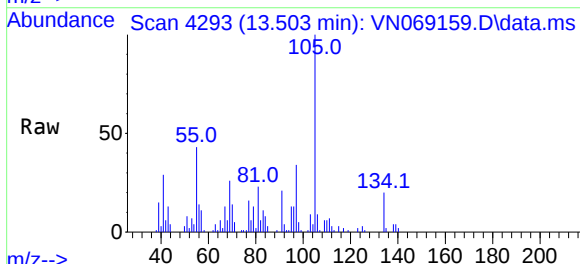
Instrument :
MSVOA_N
ClientSampleId :
131DL

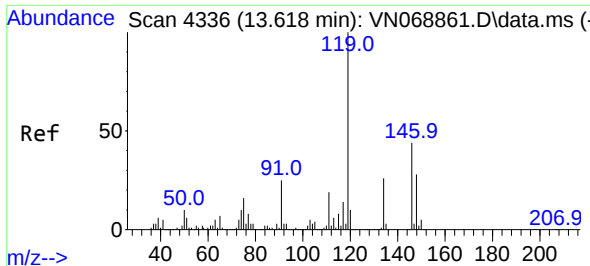
Tgt Ion:105 Resp: 250132
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.5



#85
sec-Butylbenzene
Concen: 1.574 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Tgt Ion:105 Resp: 36468
Ion Ratio Lower Upper
105 100
134 25.0 9.8 29.4

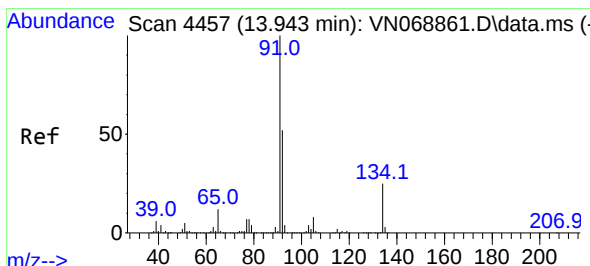
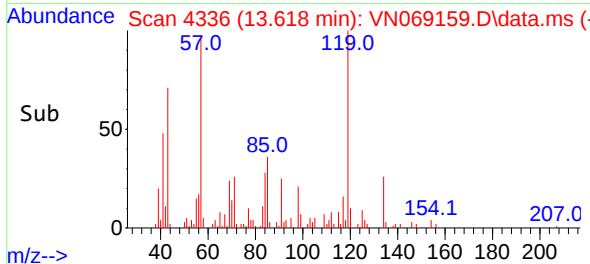
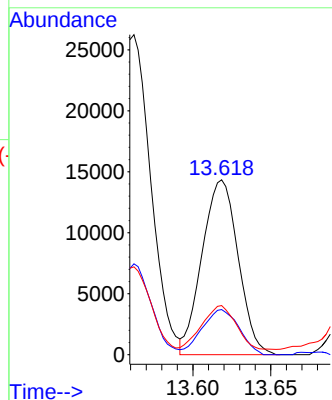
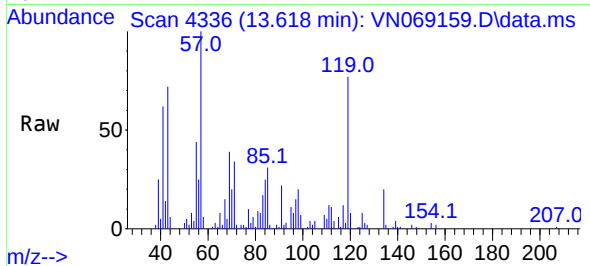




#86
p-Isopropyltoluene
Concen: 1.244 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

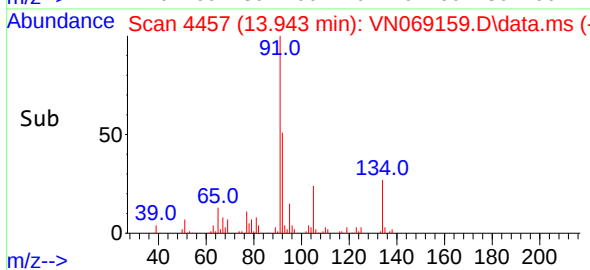
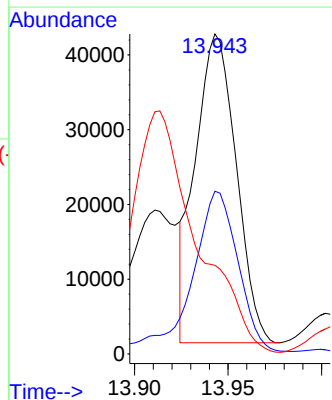
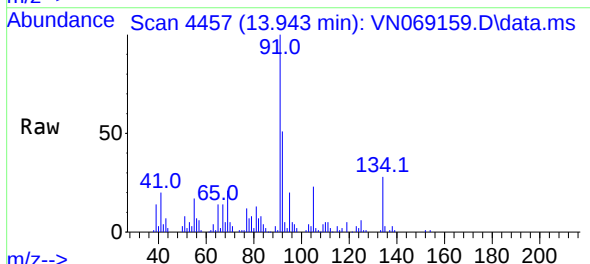
Instrument :
MSVOA_N
ClientSampled :
131DL

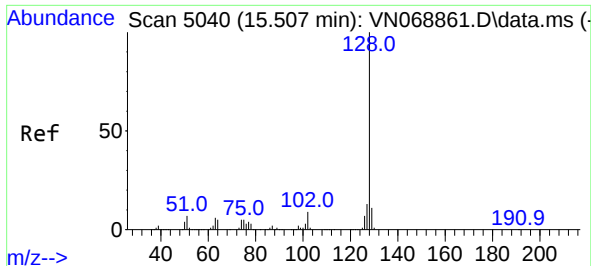
Tgt Ion:119	Resp:	23114
Ion	Ratio	Lower Upper
119	100	
134	26.5	12.9 38.6
91	23.5	12.8 38.4



#89
n-Butylbenzene
Concen: 4.051 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

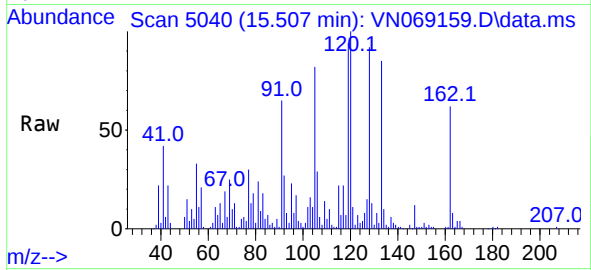
Tgt Ion: 91	Resp:	62682
Ion	Ratio	Lower Upper
91	100	
92	57.4	26.0 78.0
134	0.0	12.5 37.5#





#95
Naphthalene
Concen: 9.849 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069159.D
Acq: 25 Oct 2021 18:34

Instrument :
MSVOA_N
ClientSampleId :
131DL



Tgt Ion:128 Resp: 84094
Ion Ratio Lower Upper
128 100
127 9.4 10.5 15.7#
129 6.7 8.9 13.3#

