

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069115.D
 Acq On : 22 Oct 2021 3:22
 Operator : JC/MD
 Sample : M4285-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-EB-(1)

Quant Time: Oct 22 07:21:13 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)

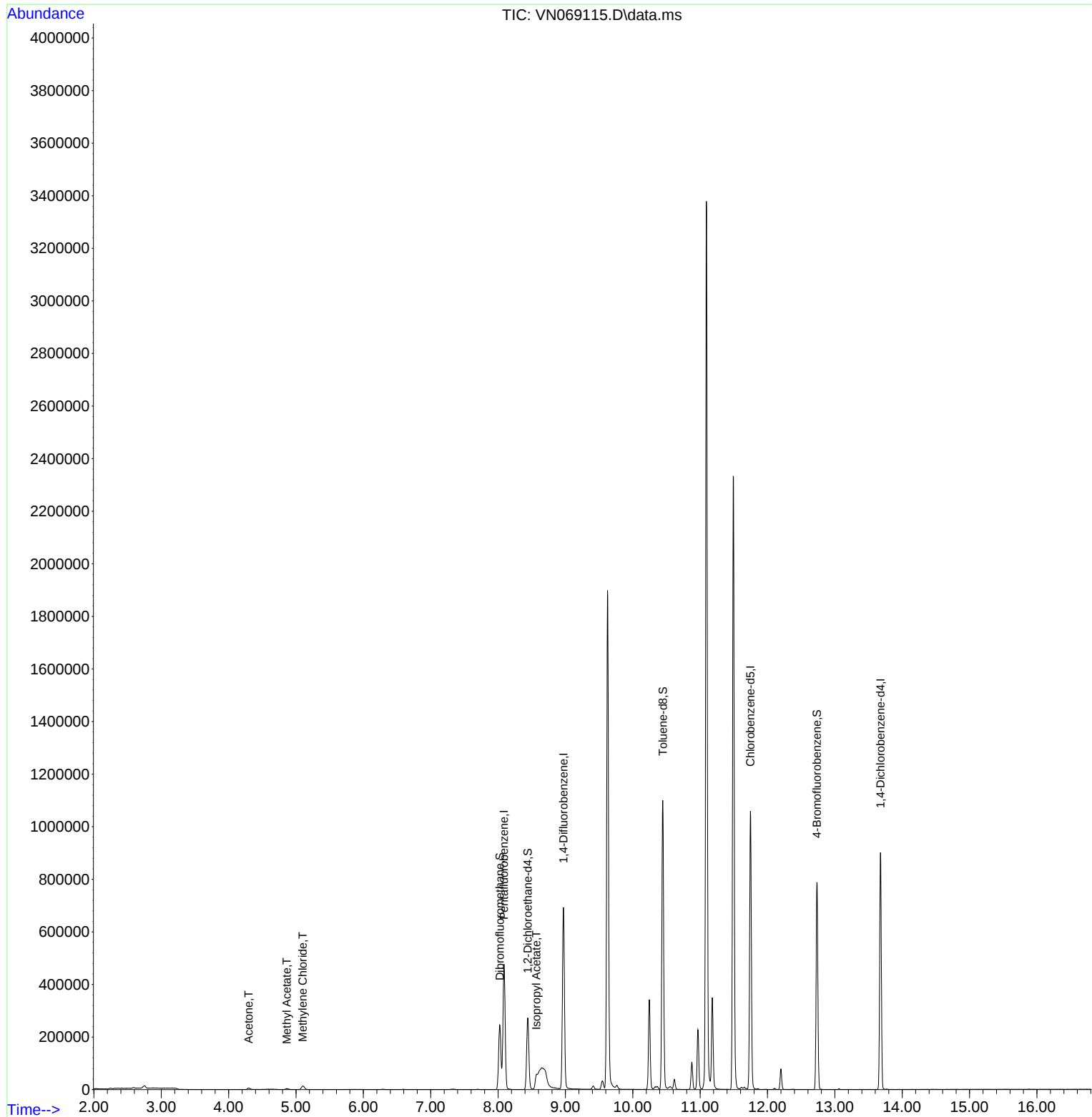
Internal Standards						
1) Pentafluorobenzene	8.088	168	361676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	629669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	623257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	240911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	232224	48.699	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.400%
35) Dibromofluoromethane	8.026	113	180916	49.384	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.760%
50) Toluene-d8	10.446	98	785628	53.597	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.200%
62) 4-Bromofluorobenzene	12.733	95	286845	51.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.740%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	11414	6.414	ug/l	97
18) Methyl Acetate	4.862	43	8410	1.246	ug/l #	75
20) Methylene Chloride	5.098	84	11746	2.868	ug/l	93
43) Isopropyl Acetate	8.568	43	58671	5.986	ug/l #	80

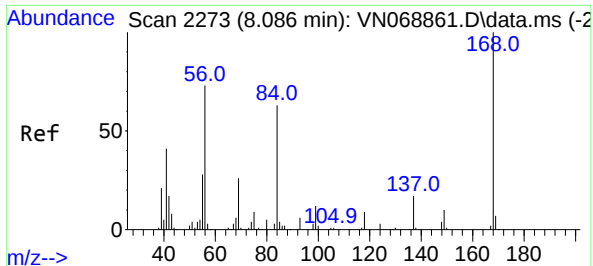
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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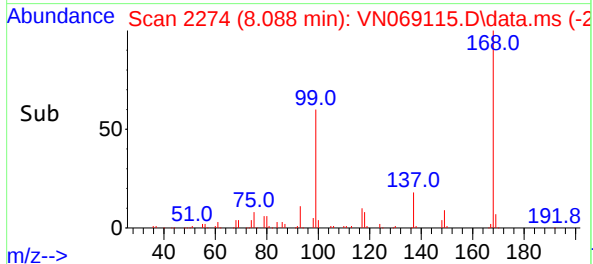
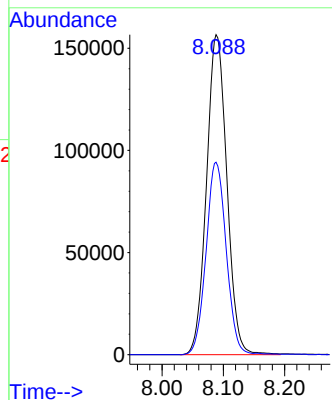
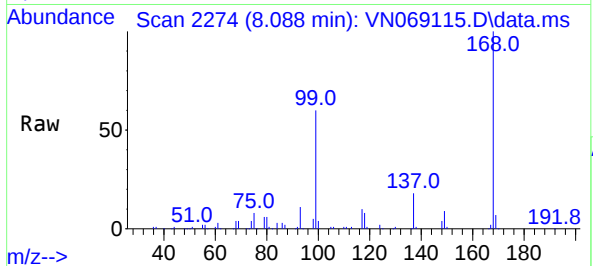




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

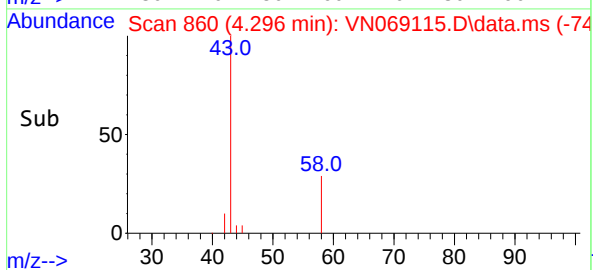
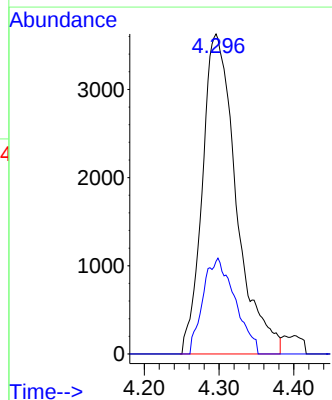
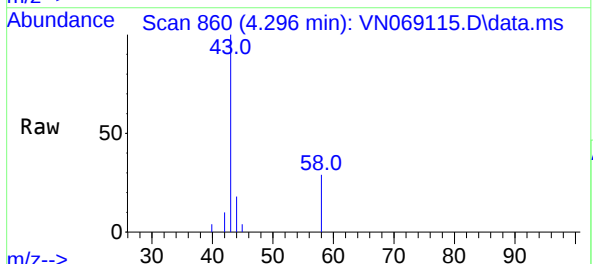
Instrument :
MSVOA_N
ClientSampled :
MH-EB-(1)

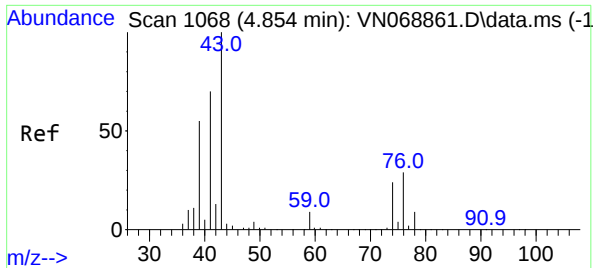
Tgt Ion:168 Resp: 361676
Ion Ratio Lower Upper
168 100
99 60.2 48.9 73.3



#16
Acetone
Concen: 6.414 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

Tgt Ion: 43 Resp: 11414
Ion Ratio Lower Upper
43 100
58 29.0 24.5 36.7

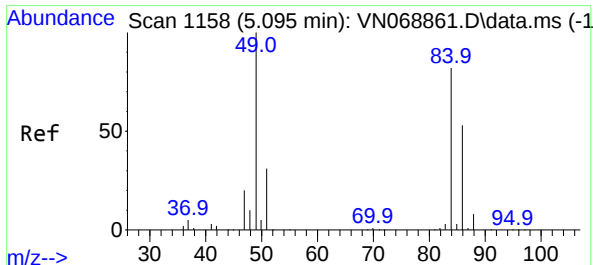
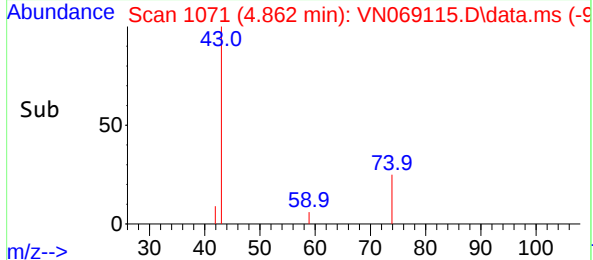
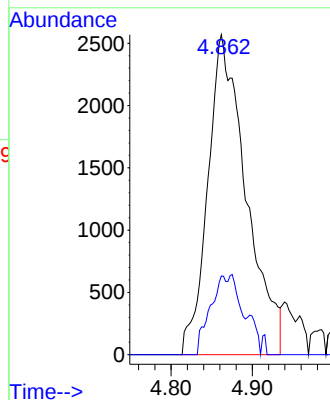
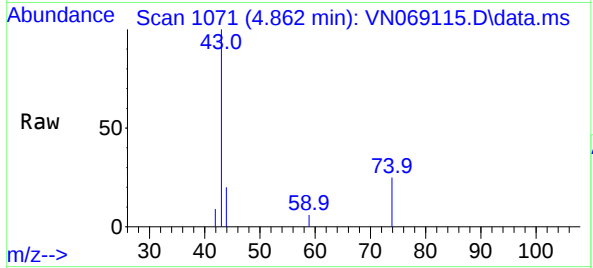




#18
Methyl Acetate
Concen: 1.246 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

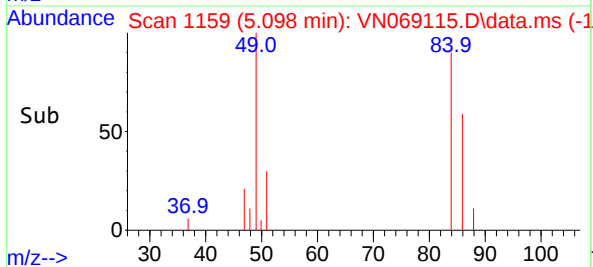
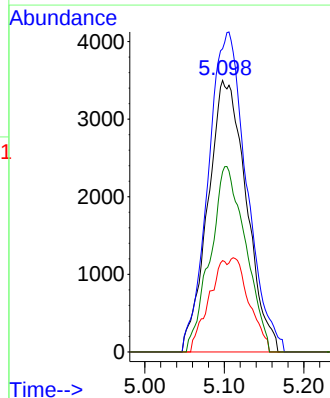
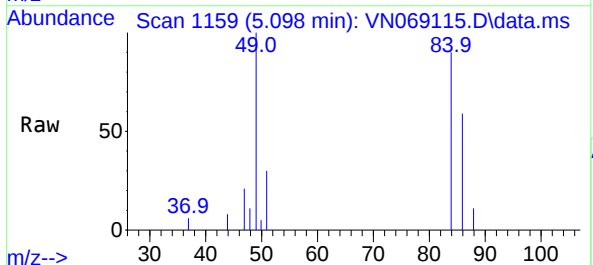
Instrument :
MSVOA_N
ClientSampleId :
MH-EB-(1)

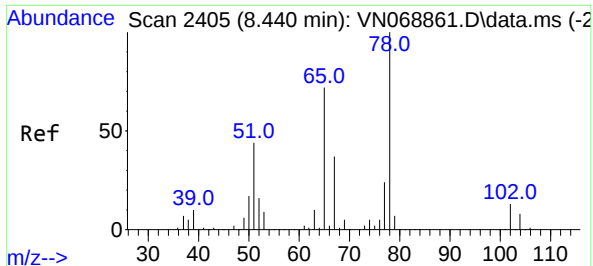
Tgt Ion: 43 Resp: 8410
Ion Ratio Lower Upper
43 100
74 11.5 18.9 28.3#



#20
Methylene Chloride
Concen: 2.868 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

Tgt Ion: 84 Resp: 11746
Ion Ratio Lower Upper
84 100
49 111.6 97.6 146.4
51 33.6 30.3 45.5
86 66.4 51.8 77.6

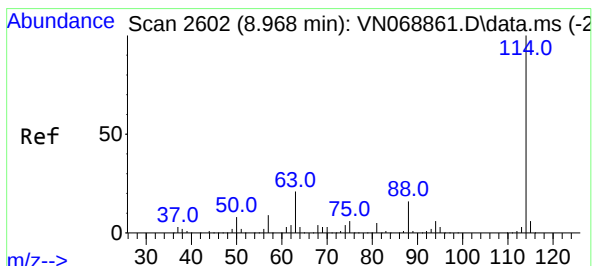
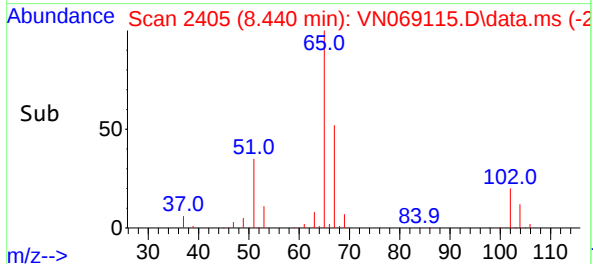
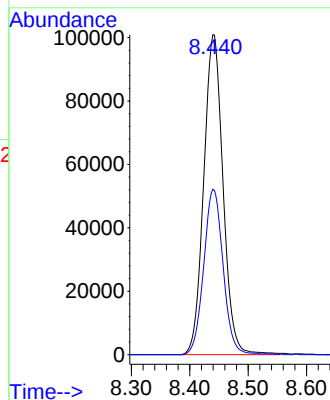
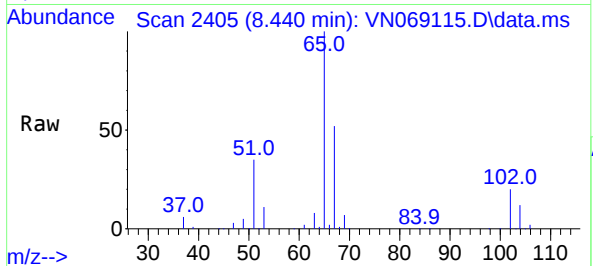




#33
1,2-Dichloroethane-d4
Concen: 48.699 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

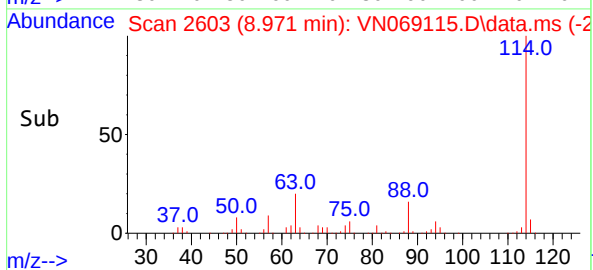
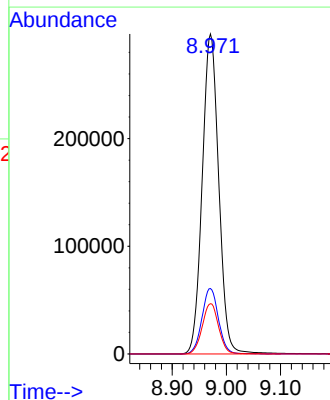
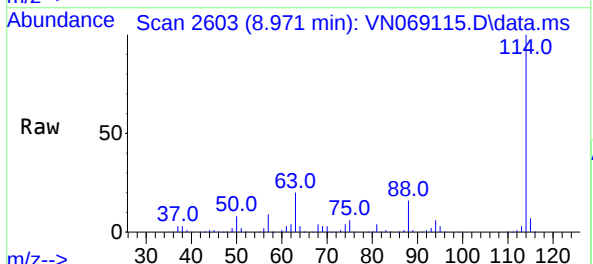
Instrument :
MSVOA_N
ClientSampleId :
MH-EB-(1)

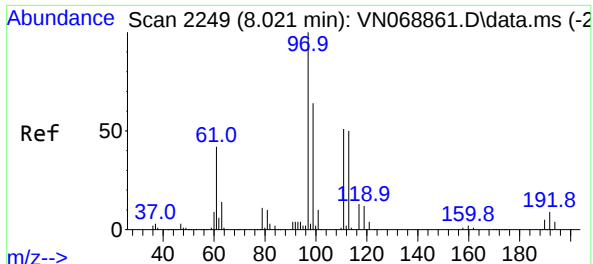
Tgt Ion: 65 Resp: 232224
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

Tgt Ion: 114 Resp: 629669
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 15.7 0.0 32.0

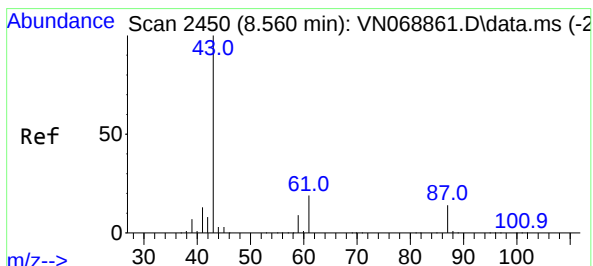
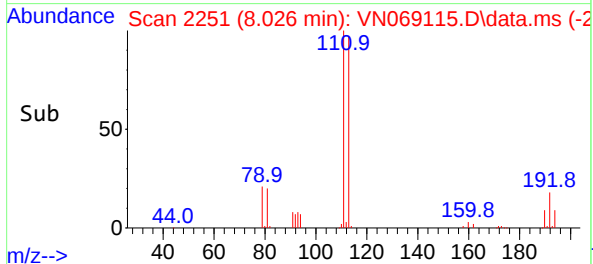
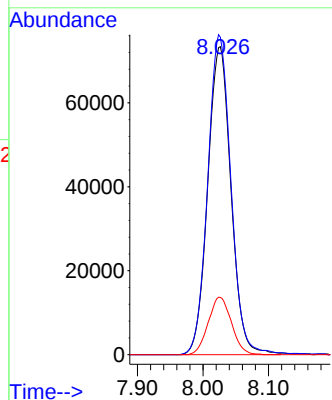
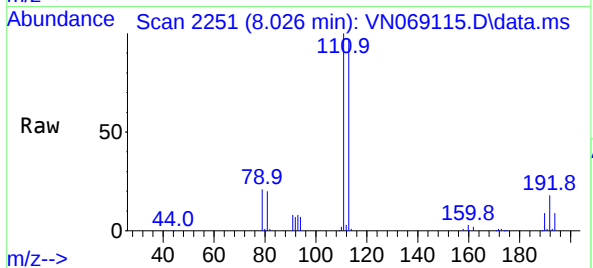




#35
Dibromofluoromethane
Concen: 49.384 ug/l
RT: 8.026 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

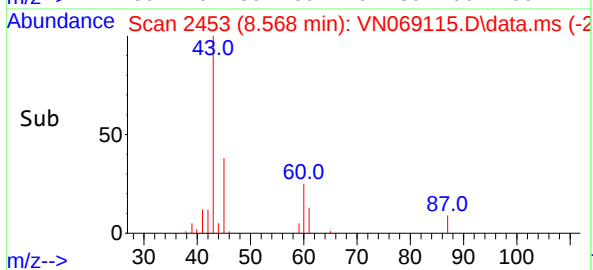
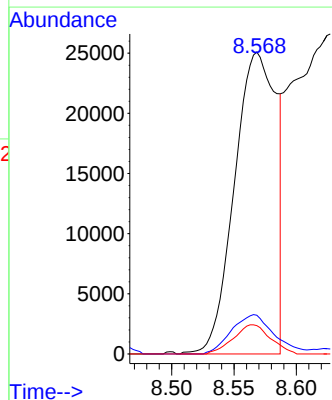
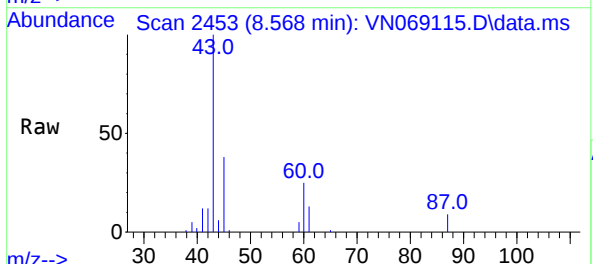
Instrument :
MSVOA_N
ClientSampled :
MH-EB-(1)

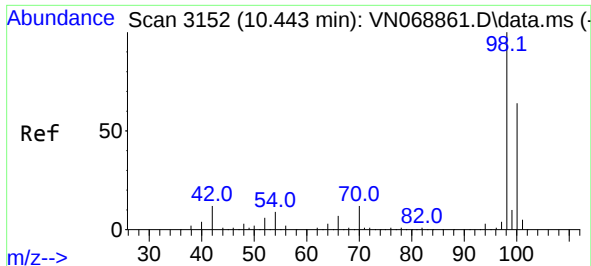
Tgt Ion:113 Resp: 180916
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 18.6 15.0 22.4



#43
Isopropyl Acetate
Concen: 5.986 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.008 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

Tgt Ion: 43 Resp: 58671
Ion Ratio Lower Upper
43 100
61 13.3 20.4 30.6#
87 8.5 10.7 16.1#

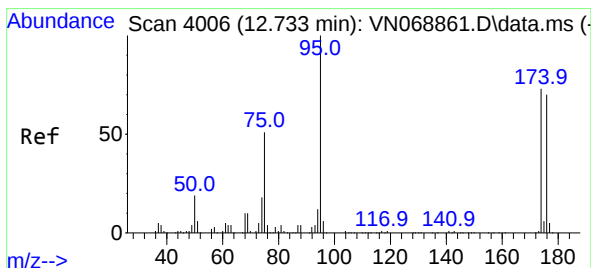
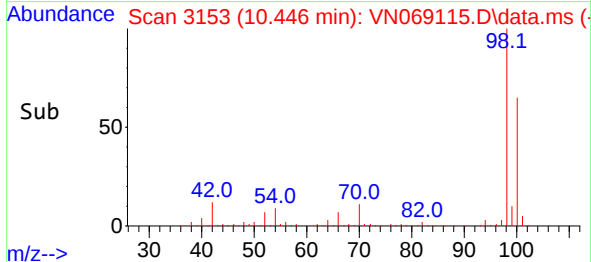
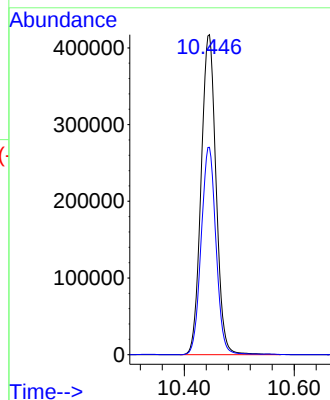
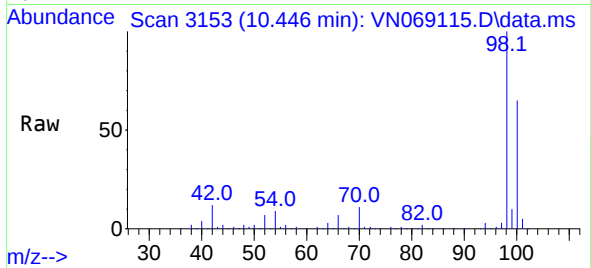




#50
Toluene-d8
Concen: 53.597 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

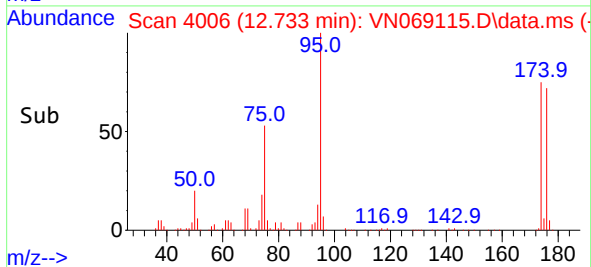
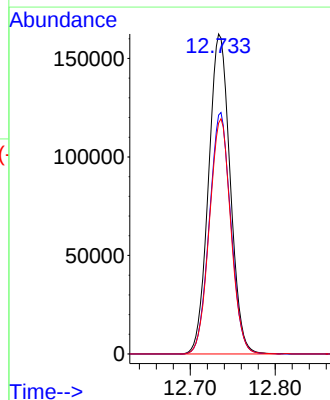
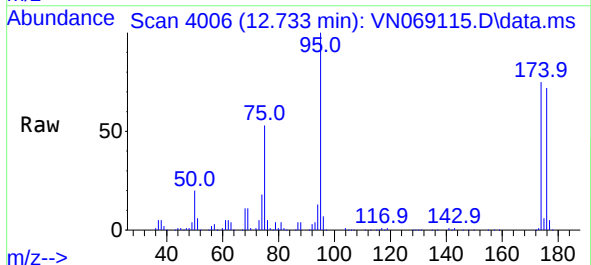
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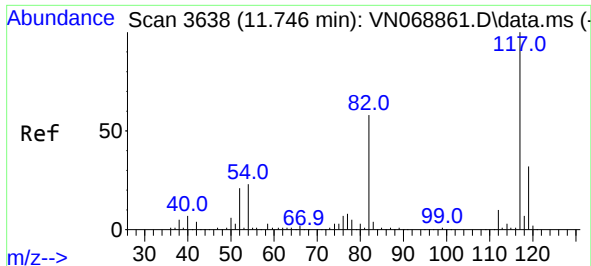
Tgt Ion: 98 Resp: 785628
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.867 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

Tgt Ion: 95 Resp: 286845
Ion Ratio Lower Upper
95 100
174 74.8 0.0 144.8
176 73.0 0.0 140.0

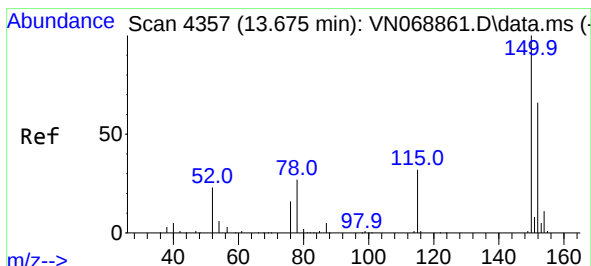
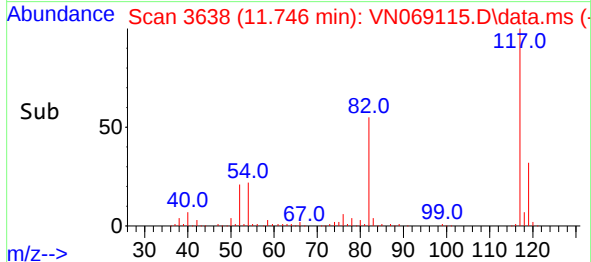
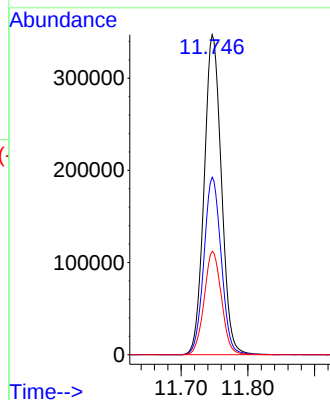
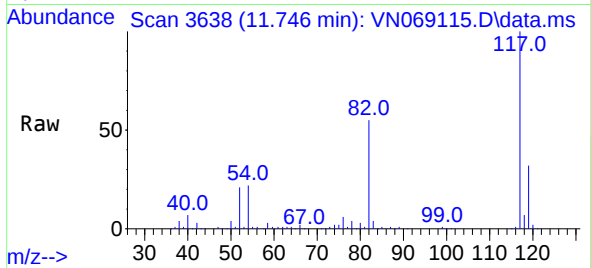




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

Instrument :
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Tgt Ion:117 Resp: 623257
Ion Ratio Lower Upper
117 100
82 55.4 46.4 69.6
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069115.D
Acq: 22 Oct 2021 3:22

Tgt Ion:152 Resp: 240911
Ion Ratio Lower Upper
152 100
115 62.5 31.4 94.3
150 155.5 0.0 351.0

