

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070056.D
 Acq On : 14 Dec 2021 2:41
 Operator : JC/MD
 Sample : M5007-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2021.12.08

Quant Time: Dec 14 07:31:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

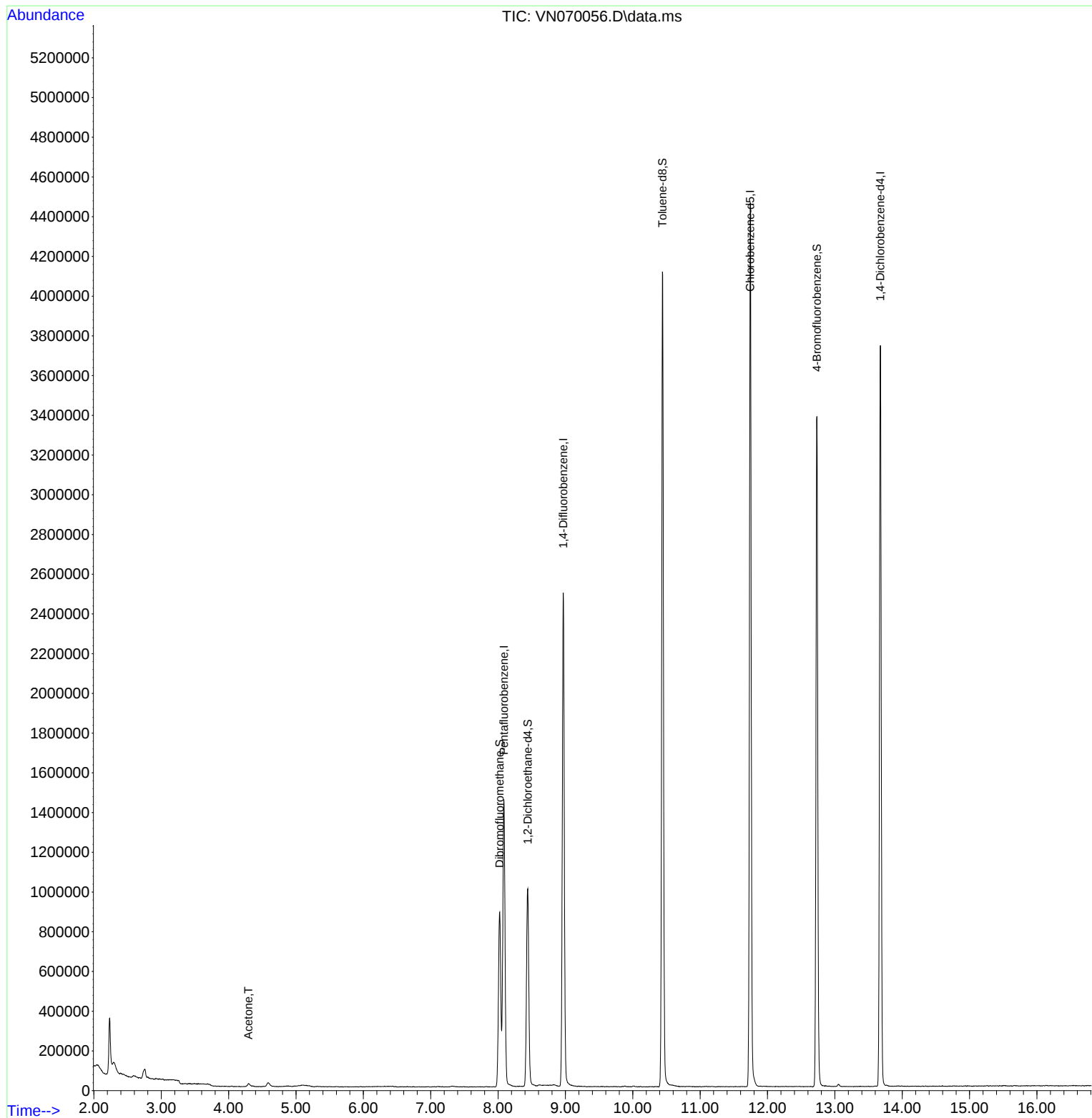
Internal Standards						
1) Pentafluorobenzene	8.086	168	1065860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2060228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2432335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	997312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	880064	53.477	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.960%
35) Dibromofluoromethane	8.024	113	642389	49.779	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.560%
50) Toluene-d8	10.440	98	2753702	53.143	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.733	95	1193298	63.567	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	127.140%
Target Compounds						
16) Acetone	4.293	43	22928	2.316	ug/l	Qvalue 90

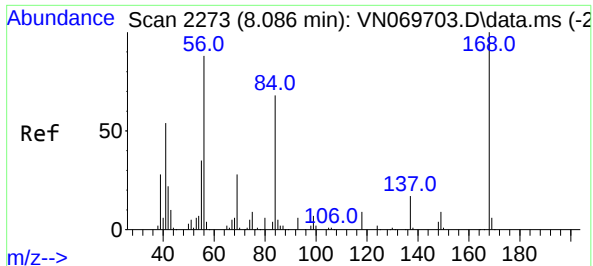
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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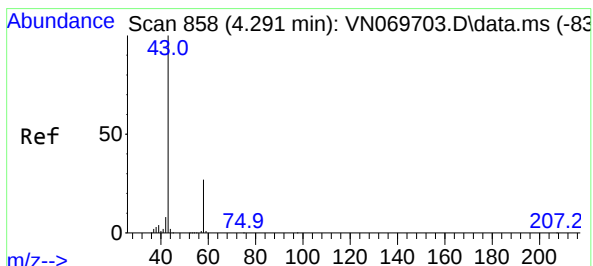
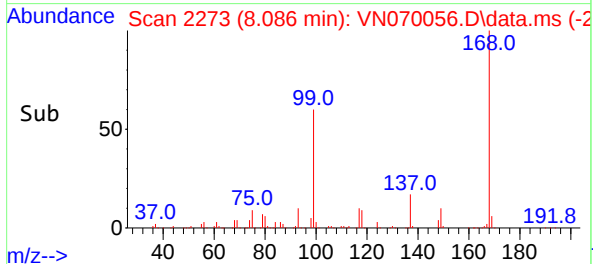
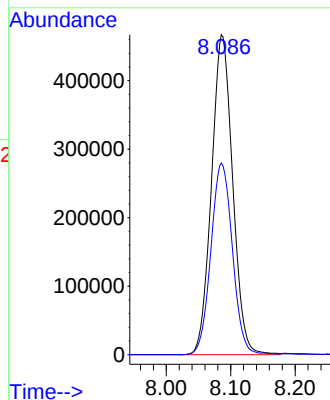
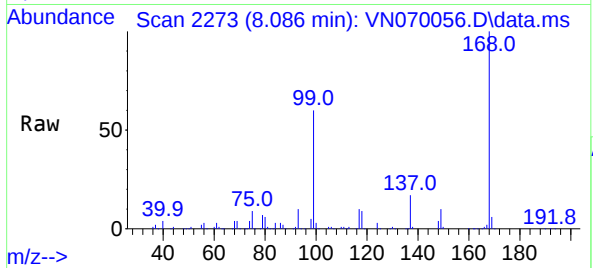




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

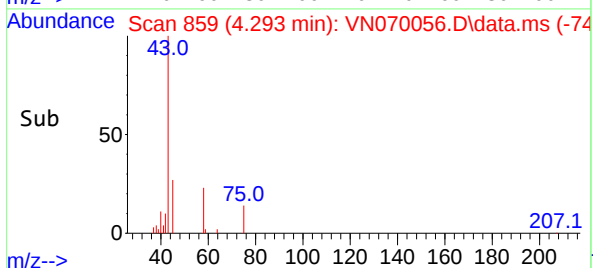
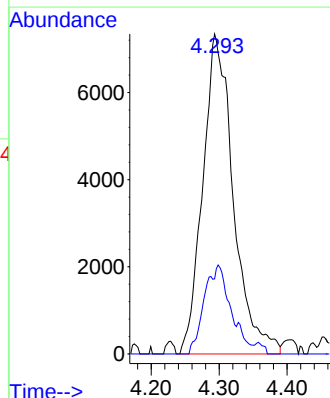
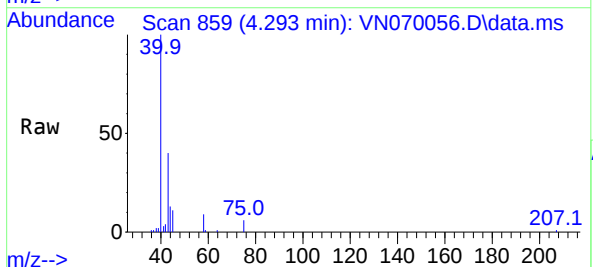
Instrument :
MSVOA_N
ClientSampleId :
TB-2021.12.08

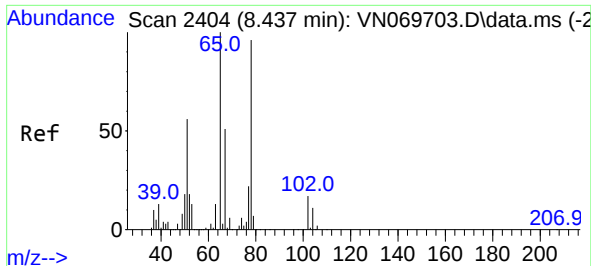
Tgt Ion:168 Resp: 1065860
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#16
Acetone
Concen: 2.316 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Tgt Ion: 43 Resp: 22928
Ion Ratio Lower Upper
43 100
58 23.5 23.1 34.7

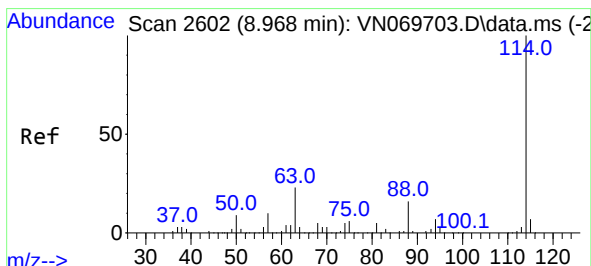
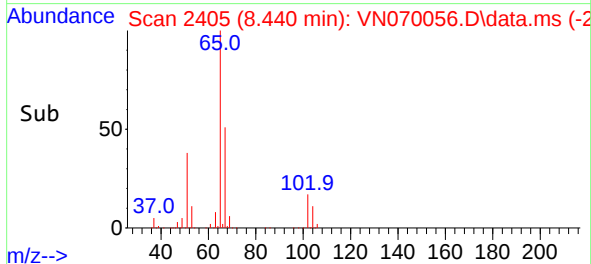
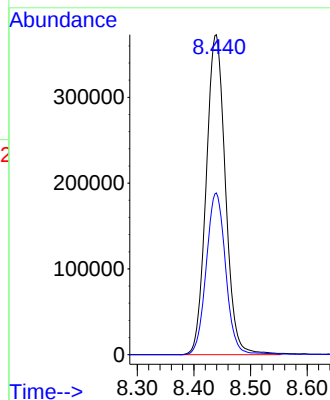
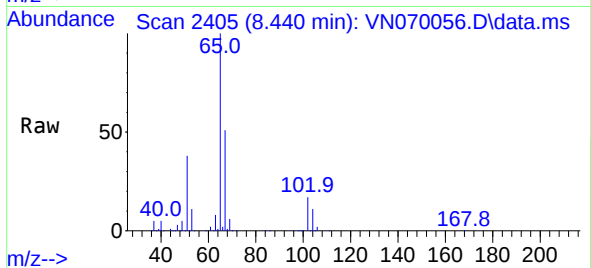




#33
 1,2-Dichloroethane-d4
 Concen: 53.477 ug/l
 RT: 8.440 min Scan# 2404
 Delta R.T. 0.003 min
 Lab File: VN070056.D
 Acq: 14 Dec 2021 2:41

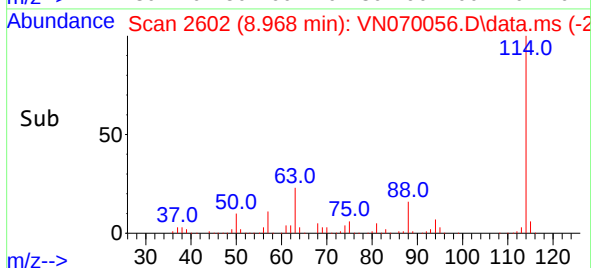
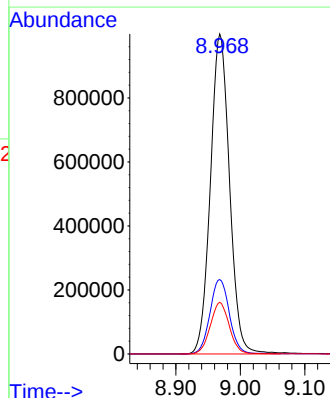
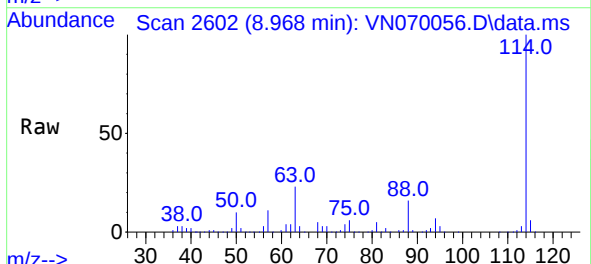
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2021.12.08

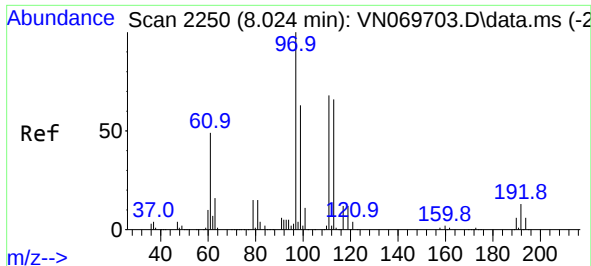
Tgt Ion: 65 Resp: 880064
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN070056.D
 Acq: 14 Dec 2021 2:41

Tgt Ion: 114 Resp: 2060228
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 37.8
 88 16.2 0.0 27.4

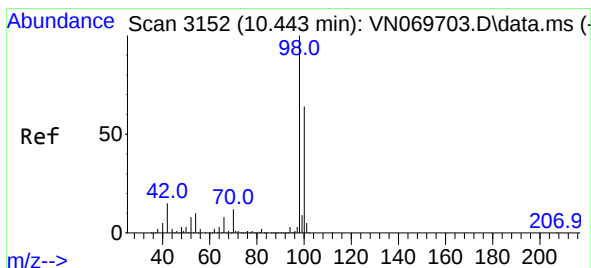
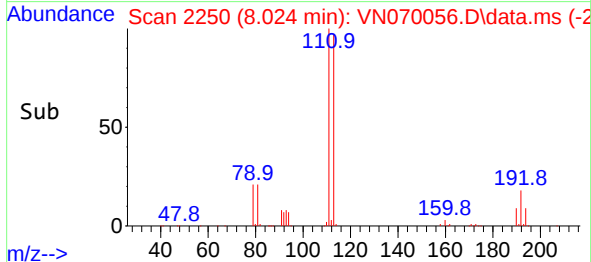
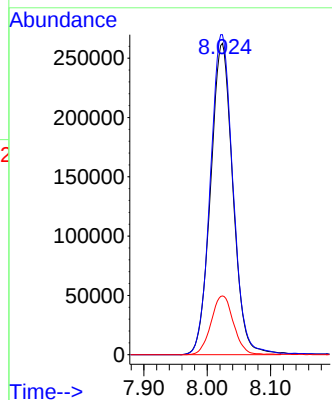
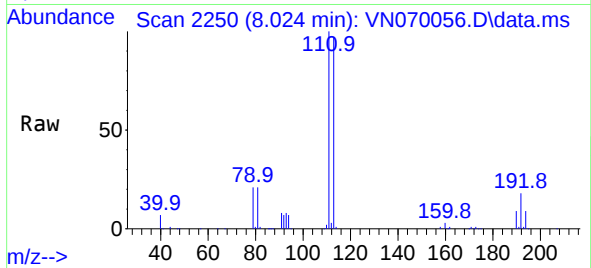




#35
Dibromofluoromethane
Concen: 49.779 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

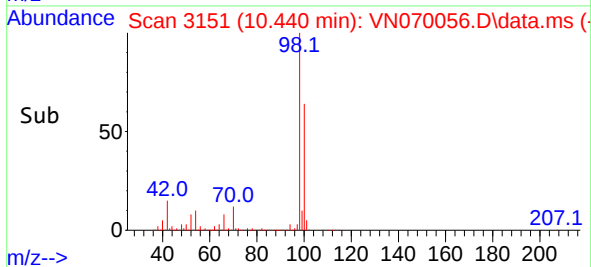
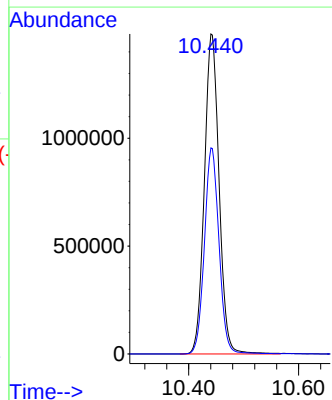
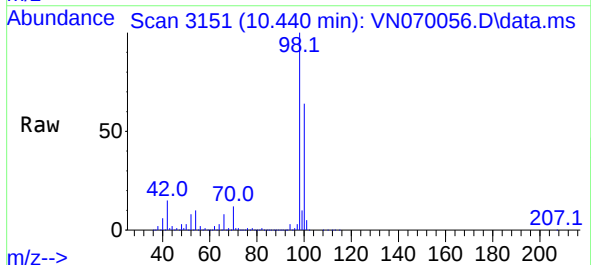
Instrument :
MSVOA_N
ClientSampleId :
TB-2021.12.08

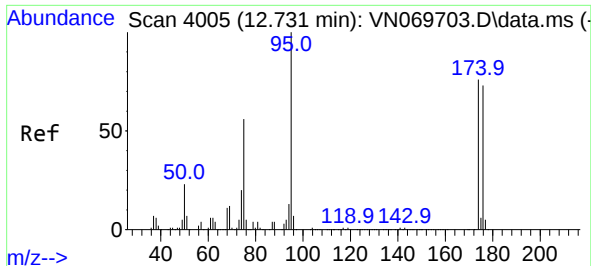
Tgt Ion:113 Resp: 642389
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 53.143 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

Tgt Ion: 98 Resp: 2753702
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

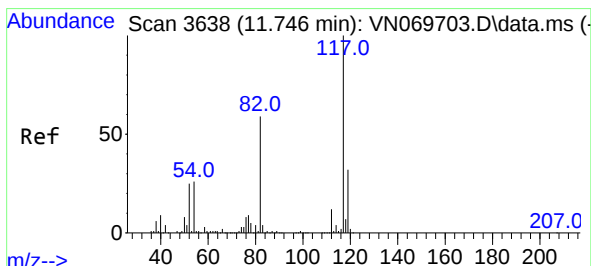
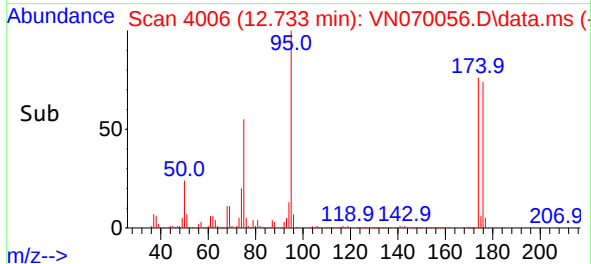
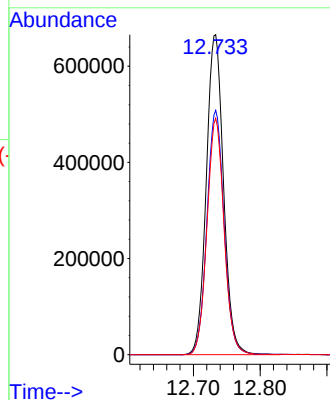
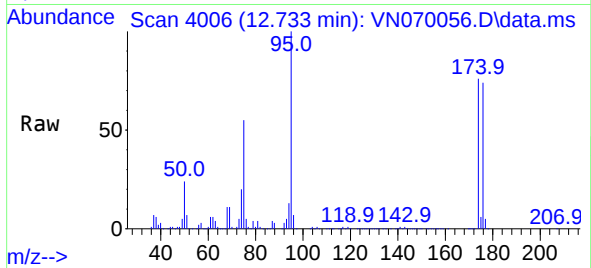




#62
4-Bromofluorobenzene
Concen: 63.567 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

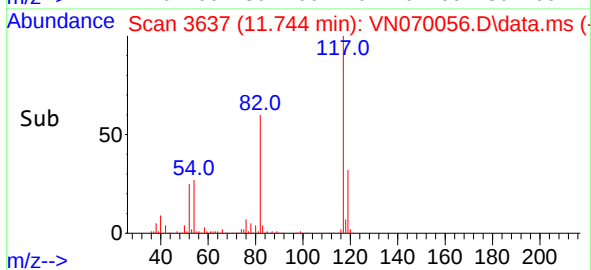
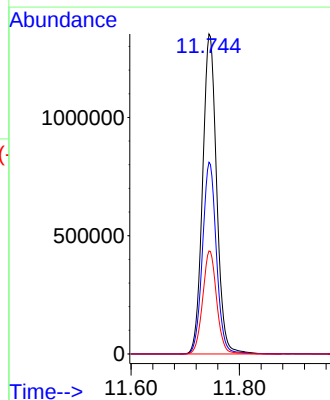
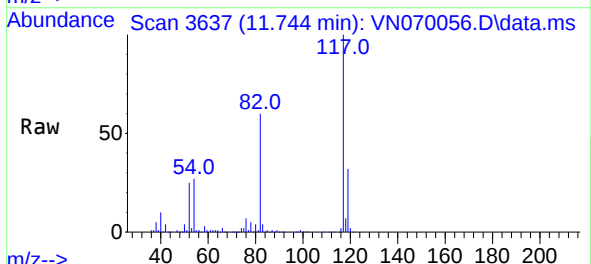
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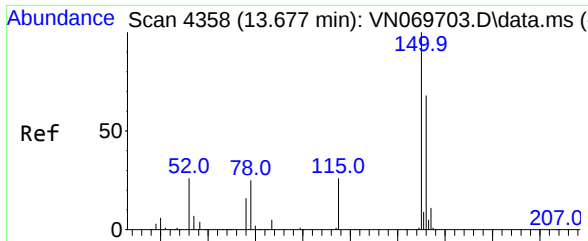
Tgt Ion: 95 Resp: 1193298
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070056.D
Acq: 14 Dec 2021 2:41

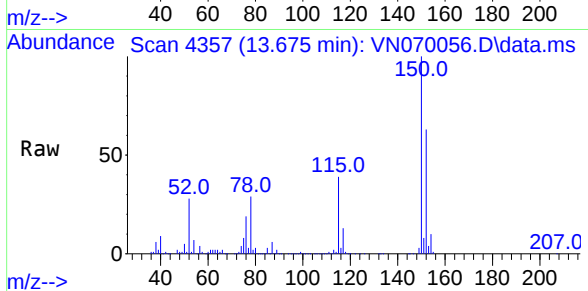
Tgt Ion: 117 Resp: 2432335
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070056.D
 Acq: 14 Dec 2021 2:41

Instrument :
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Tgt Ion:152 Resp: 997312
 Ion Ratio Lower Upper
 152 100
 115 60.8 27.5 82.5
 150 157.5 0.0 344.4

