

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068957.D
 Acq On : 15 Oct 2021 18:27
 Operator : JC/MD
 Sample : M4153-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-REF-6

Quant Time: Oct 18 02:17:15 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	337030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	579418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	522907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	187811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	212189	47.751	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.500%
35) Dibromofluoromethane	8.024	113	170428	50.555	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.120%
50) Toluene-d8	10.443	98	707271	52.436	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.733	95	241963	47.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.100%

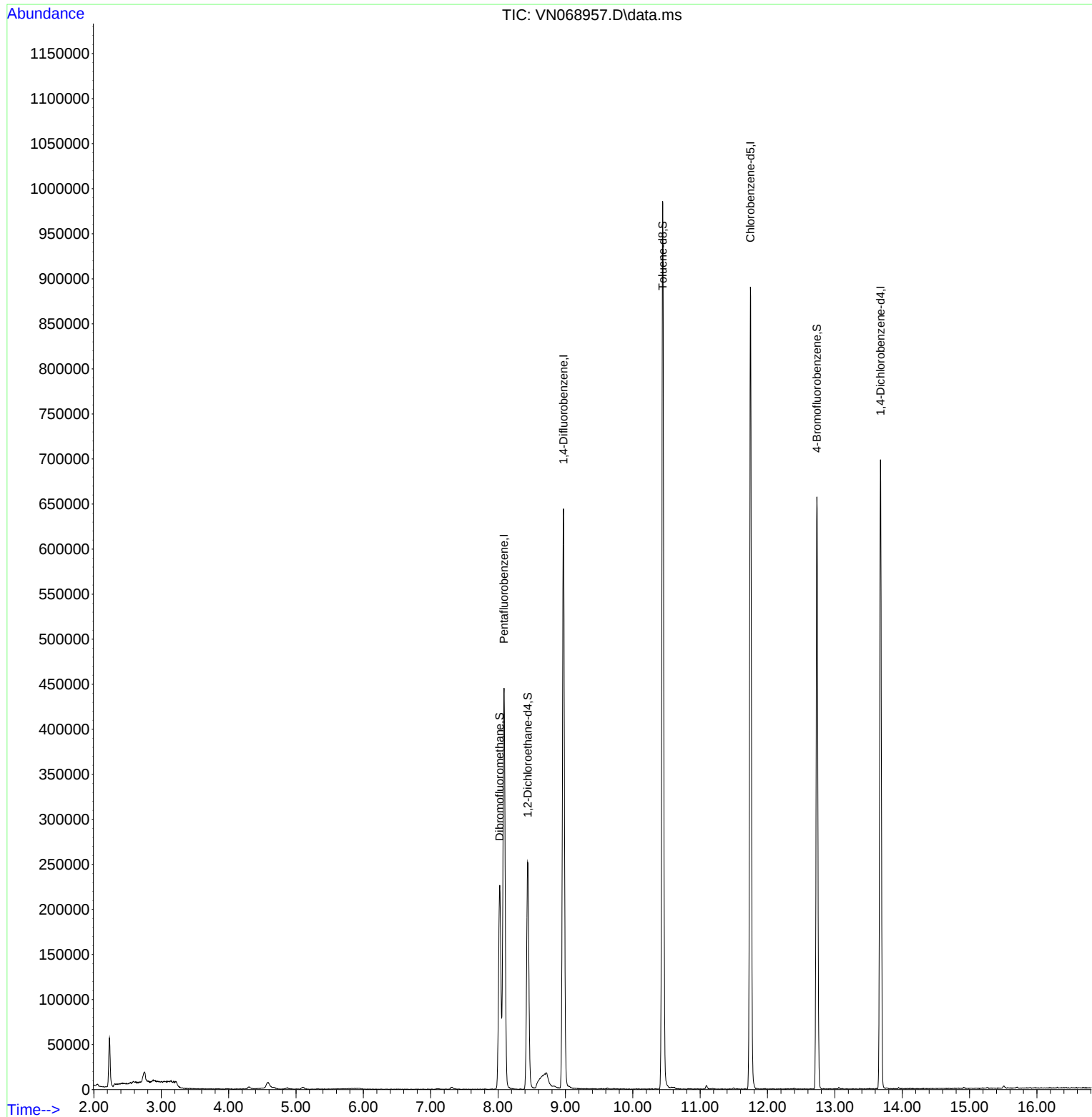
Target Compounds	Qvalue

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

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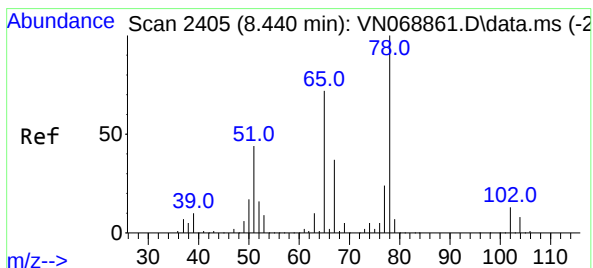
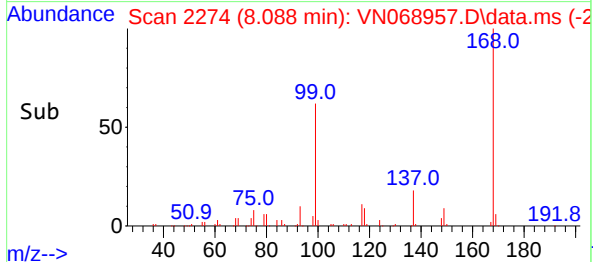
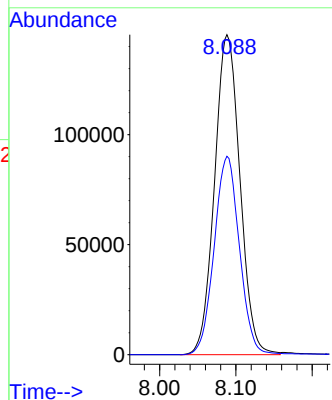
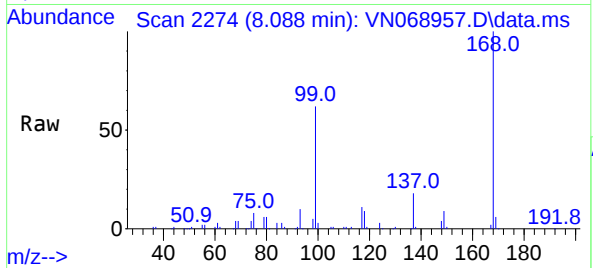




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

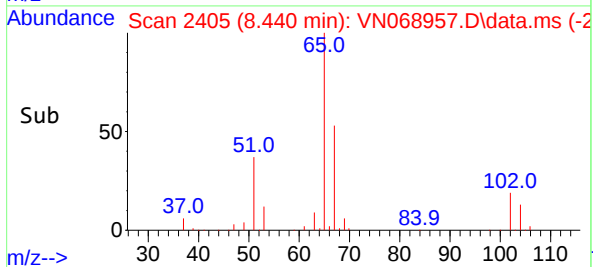
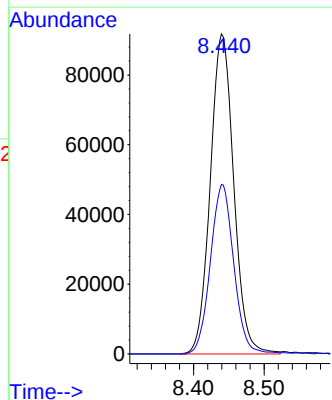
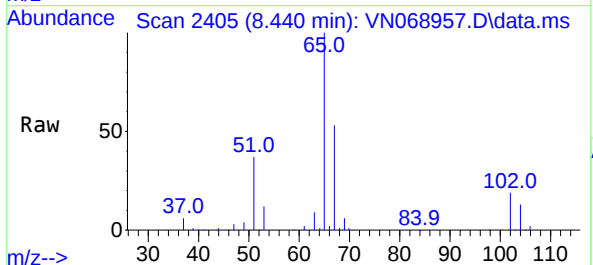
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-6

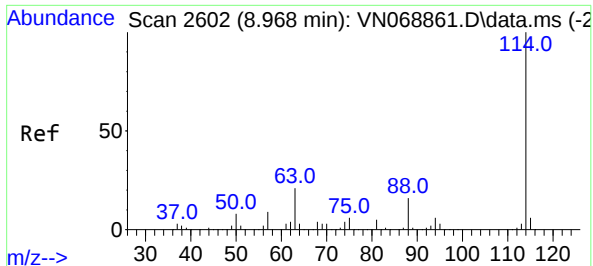
Tgt Ion:168 Resp: 337030
Ion Ratio Lower Upper
168 100
99 62.0 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 47.751 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion: 65 Resp: 212189
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.8

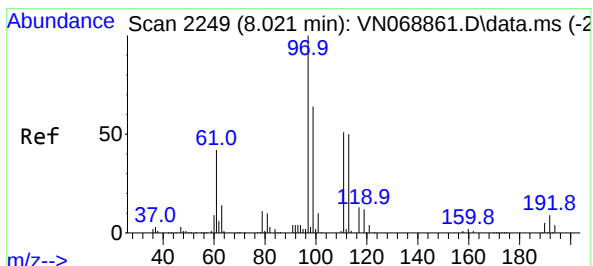
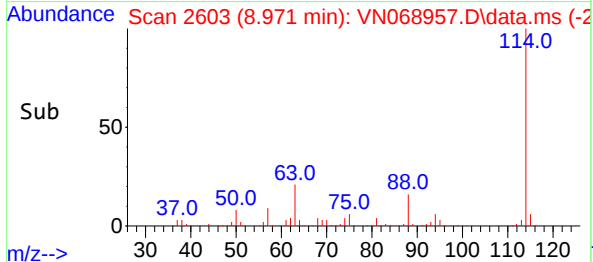
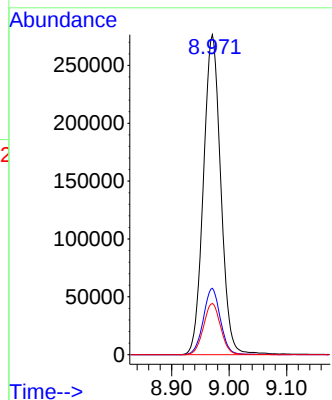
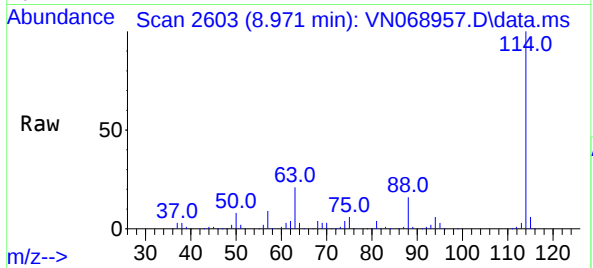




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

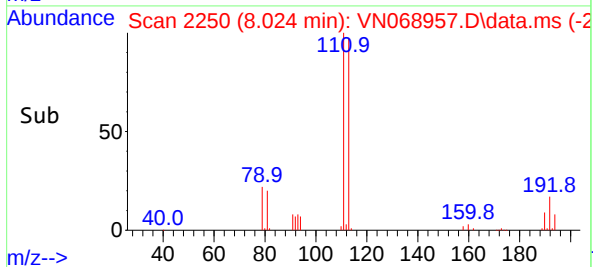
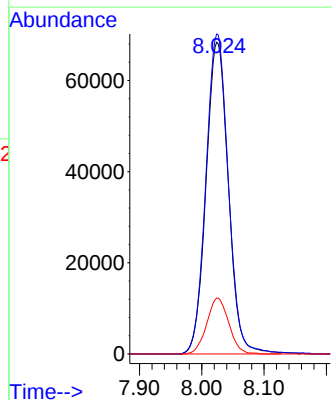
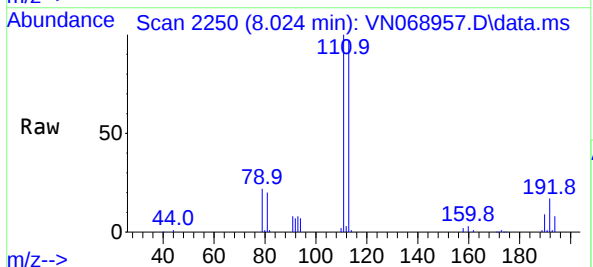
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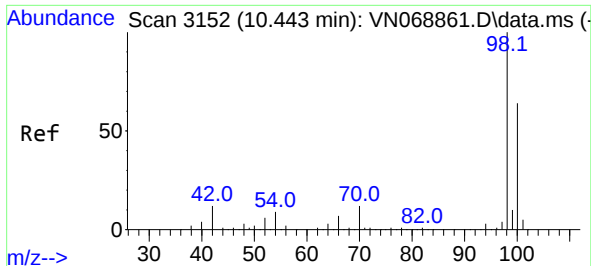
Tgt Ion:114 Resp: 579418
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.555 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion:113 Resp: 170428
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 17.7 15.0 22.4

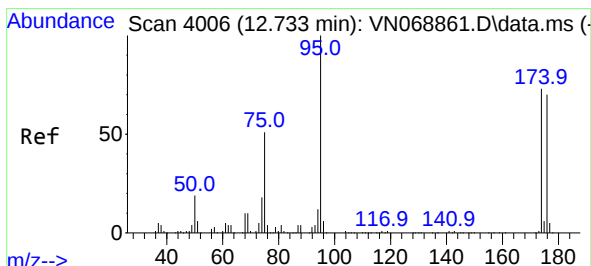
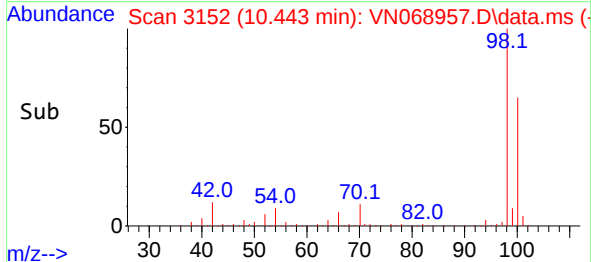
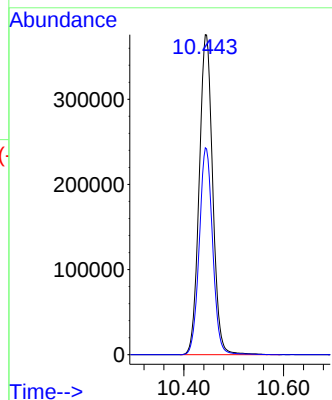
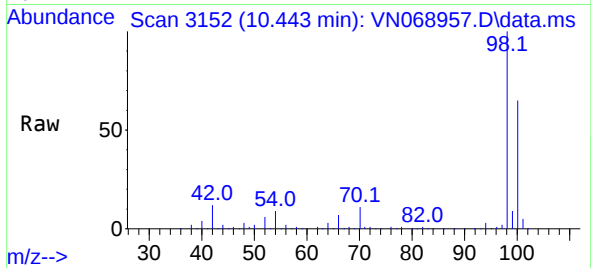




#50
Toluene-d8
Concen: 52.436 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

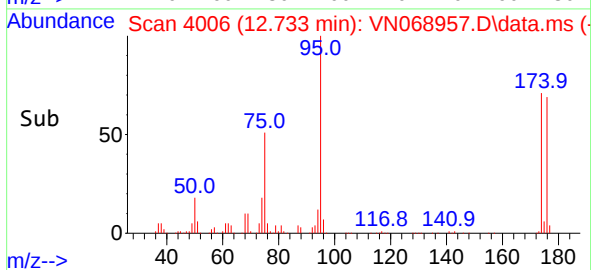
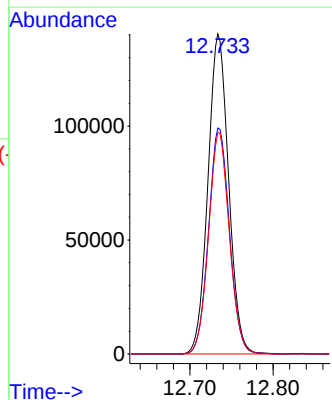
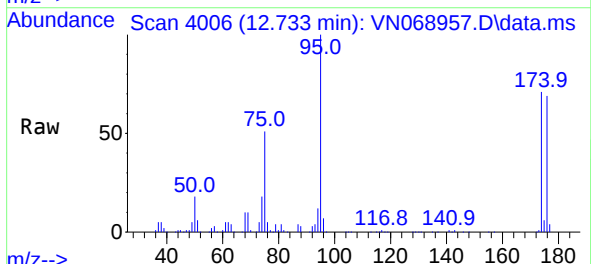
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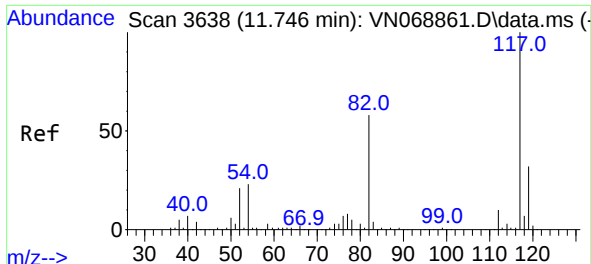
Tgt Ion: 98 Resp: 707271
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.546 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion: 95 Resp: 241963
Ion Ratio Lower Upper
95 100
174 71.7 0.0 144.8
176 69.6 0.0 140.0

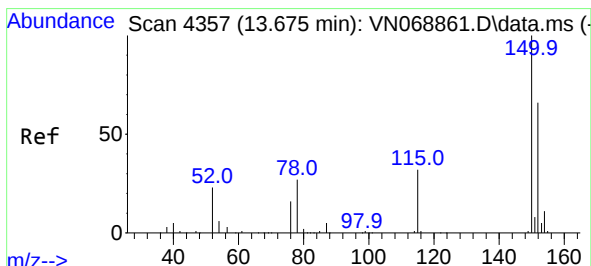
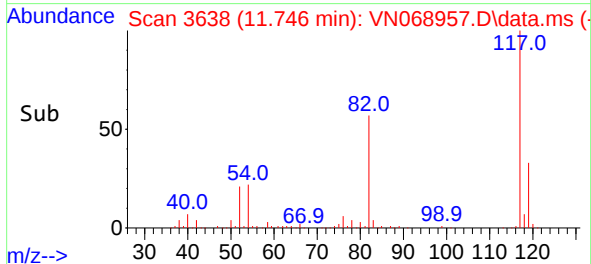
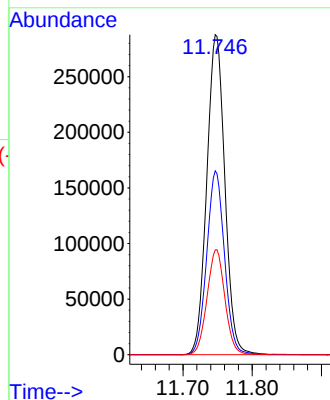
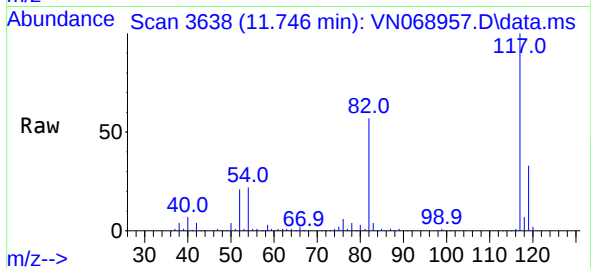




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-6

Tgt Ion:117 Resp: 522907
Ion Ratio Lower Upper
117 100
82 57.5 46.4 69.6
119 32.8 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: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion:152 Resp: 187811
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.3
150 158.6 0.0 351.0

