

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069517.D
 Acq On : 16 Nov 2021 18:58
 Operator : JC/MD
 Sample : M4714-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Quant Time: Nov 17 01:59:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1452277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2541269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2546980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	954588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1052279	49.972	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.940%
35) Dibromofluoromethane	8.024	113	741280	48.636	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.280%
50) Toluene-d8	10.443	98	3255217	54.304	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.600%
62) 4-Bromofluorobenzene	12.733	95	1147134	52.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.180%

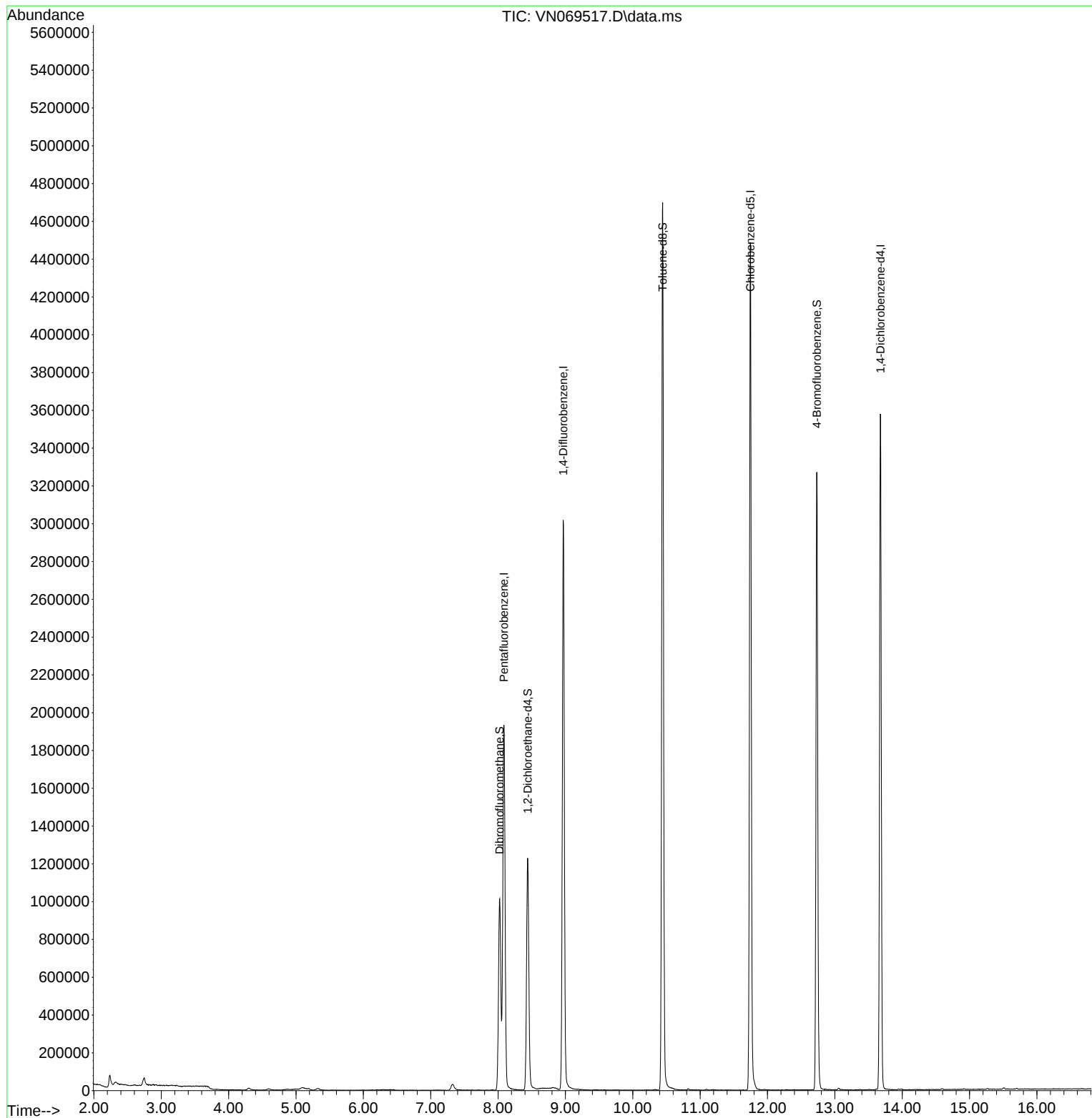
Target Compounds	Qvalue

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

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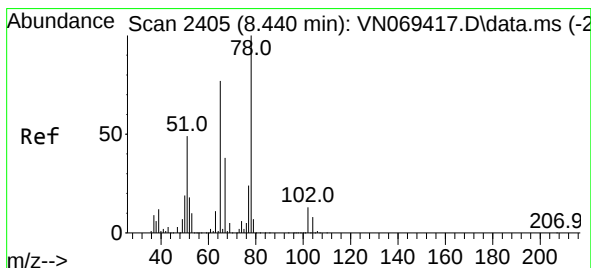
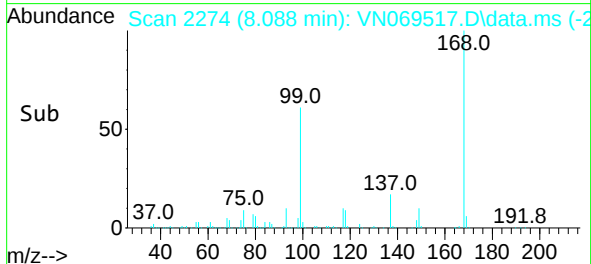
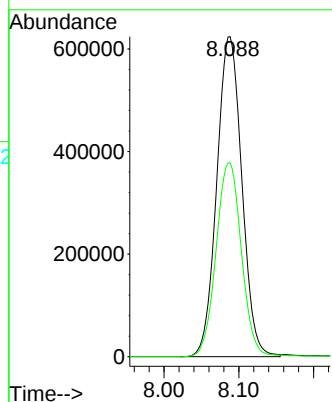
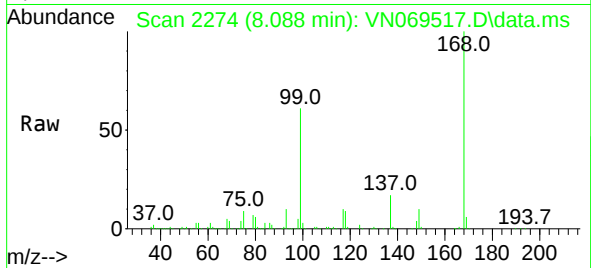




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069517.D
Acq: 16 Nov 2021 18:58

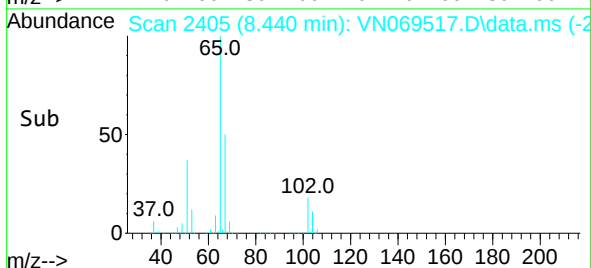
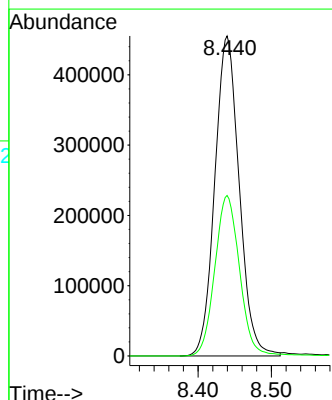
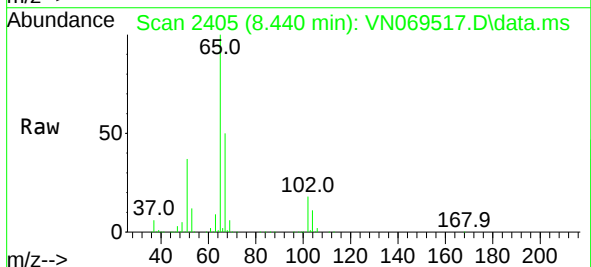
Instrument :
MSVOA_N
ClientSampleId :
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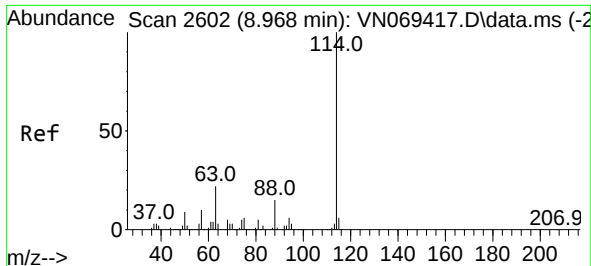
Tgt Ion:168 Resp: 1452277
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 49.972 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069517.D
Acq: 16 Nov 2021 18:58

Tgt Ion: 65 Resp: 1052279
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0

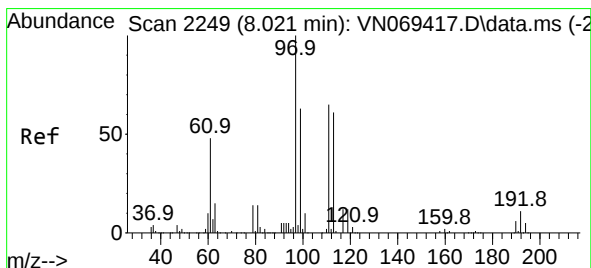
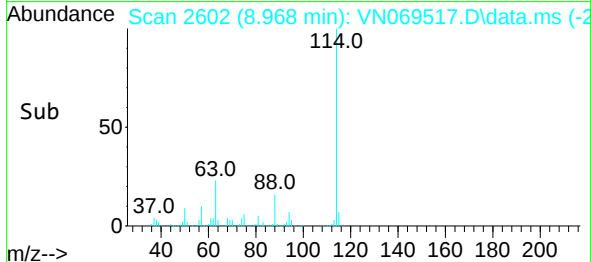
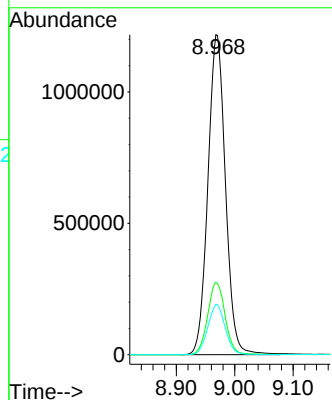
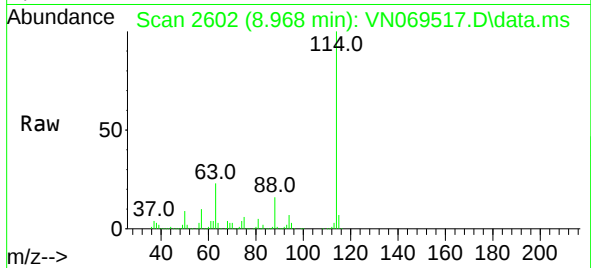




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN069517.D
Acq: 16 Nov 2021 18:58

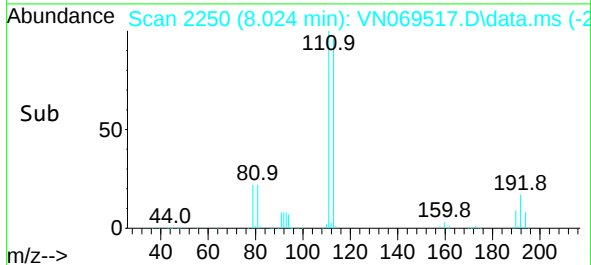
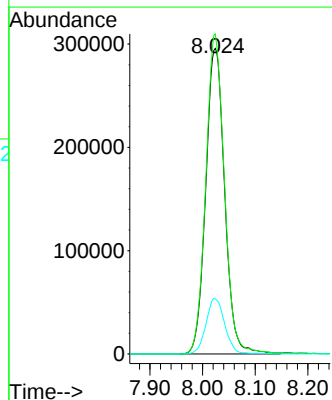
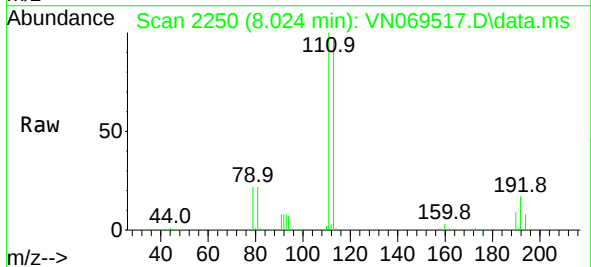
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MSVOA_N
ClientSampleId :
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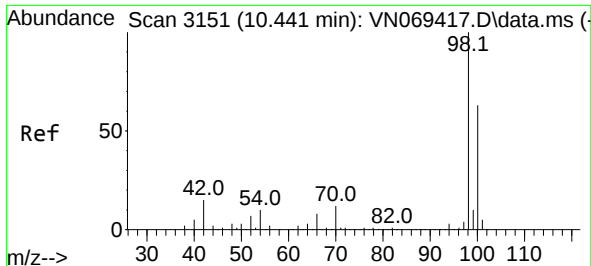
Tgt Ion:114 Resp: 2541269
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.636 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069517.D
Acq: 16 Nov 2021 18:58

Tgt Ion:113 Resp: 741280
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 17.9 16.9 25.3

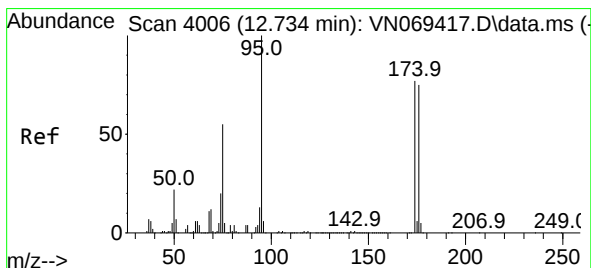
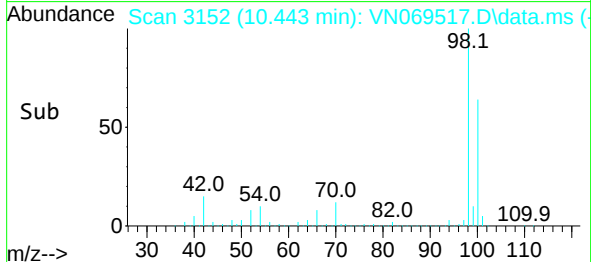
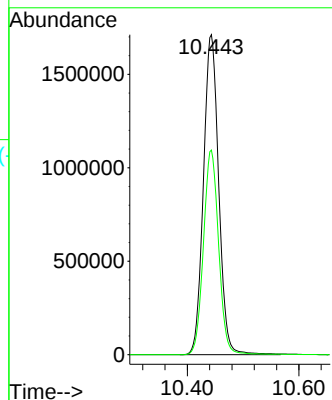
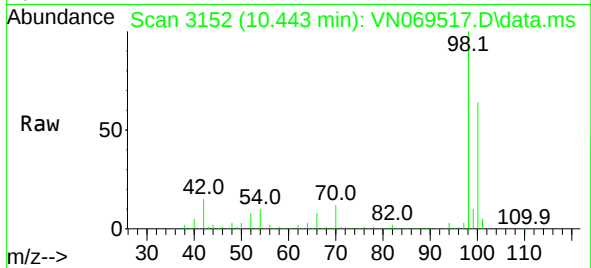




#50
Toluene-d8
Concen: 54.304 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069517.D
Acq: 16 Nov 2021 18:58

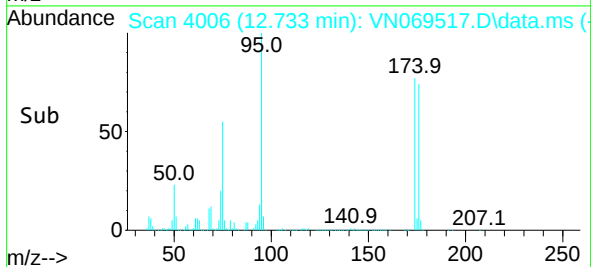
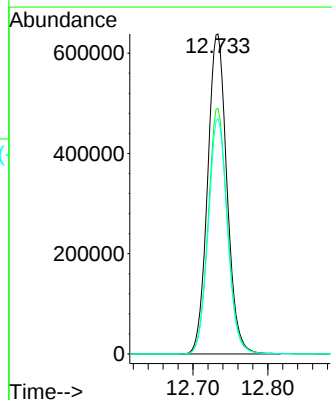
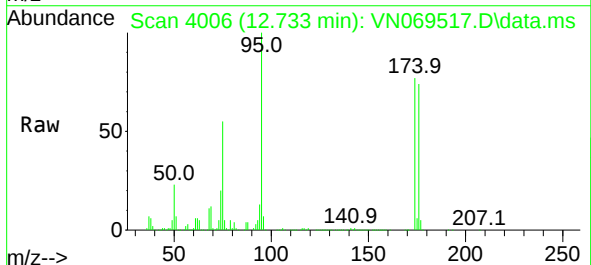
Instrument :
MSVOA_N
ClientSampleId :
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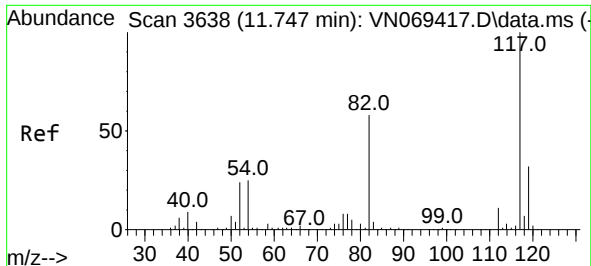
Tgt Ion: 98 Resp: 3255217
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.092 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069517.D
Acq: 16 Nov 2021 18:58

Tgt Ion: 95 Resp: 1147134
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.0 0.0 181.4

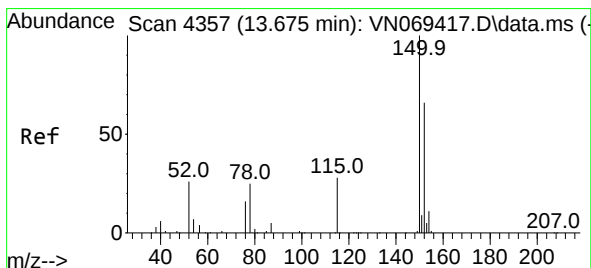
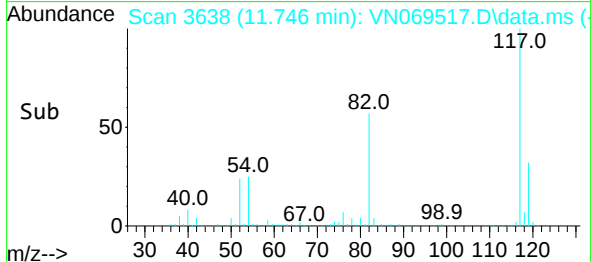
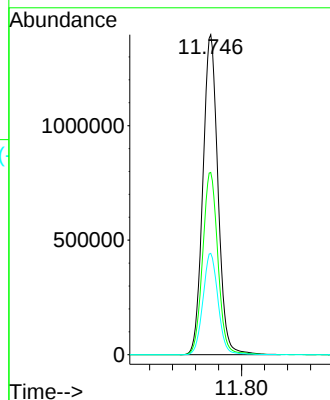
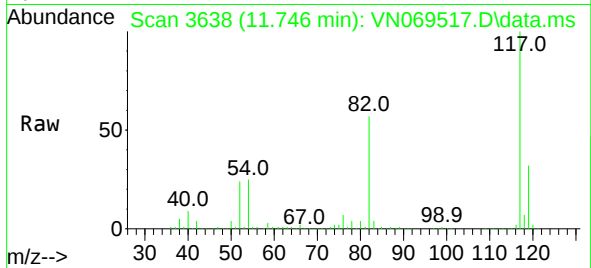




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. -0.001 min
Lab File: VN069517.D
Acq: 16 Nov 2021 18:58

Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

Tgt Ion:117 Resp: 2546980
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069517.D
Acq: 16 Nov 2021 18:58

Tgt Ion:152 Resp: 954588
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 157.5 0.0 344.4

