

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070357.D
 Acq On : 29 Dec 2021 18:49
 Operator : JC/MD
 Sample : M5128-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Dec 30 01:52:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	877424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1503175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1334706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	420844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	675278	53.527	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.060%	
35) Dibromofluoromethane	8.024	113	480006	52.777	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.560%	
50) Toluene-d8	10.443	98	1801426	48.486	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.980%	
62) 4-Bromofluorobenzene	12.734	95	599723	44.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.380%	

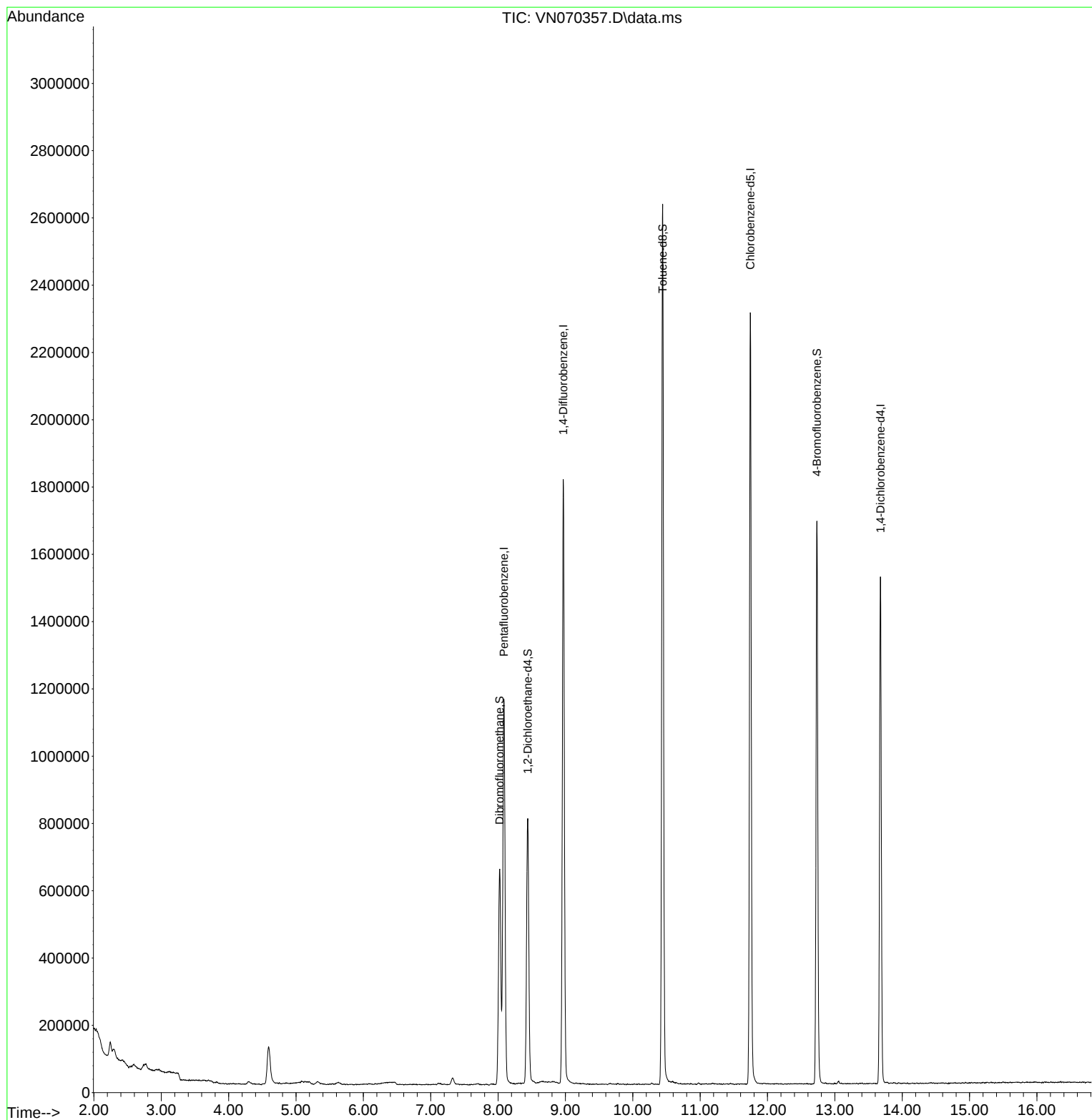
Target Compounds	Qvalue

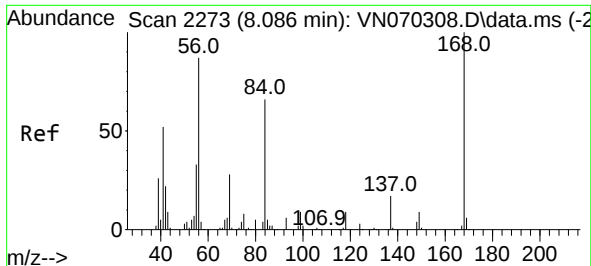
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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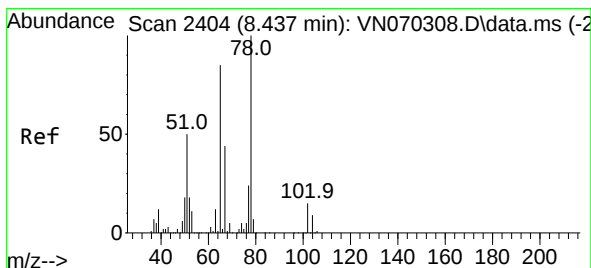
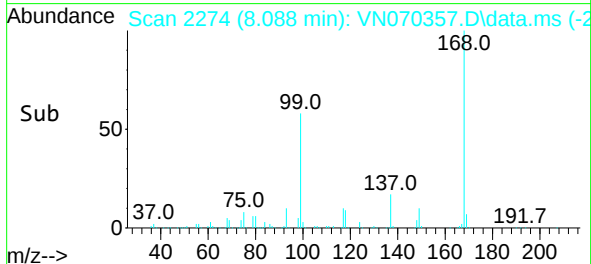
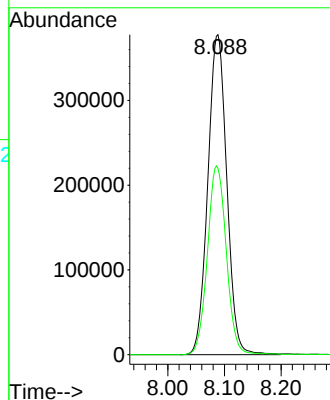
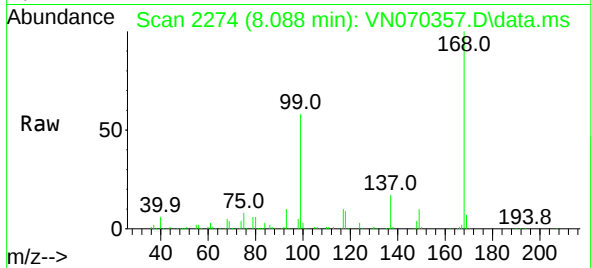




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

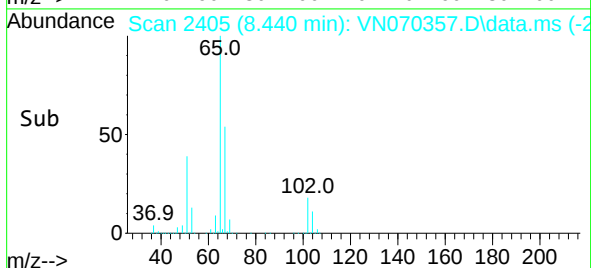
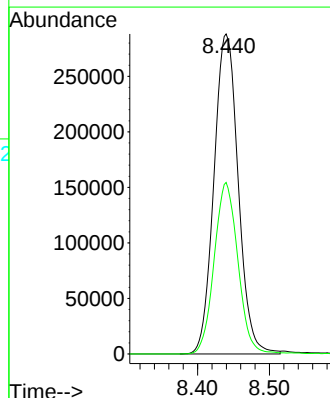
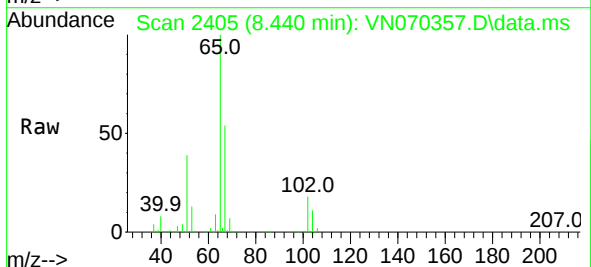
Instrument :
MSVOA_N
ClientSampleId :
MW-3

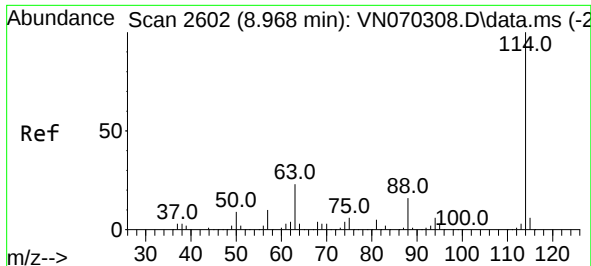
Tgt Ion:168 Resp: 877424
Ion Ratio Lower Upper
168 100
99 58.3 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 53.527 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

Tgt Ion: 65 Resp: 675278
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

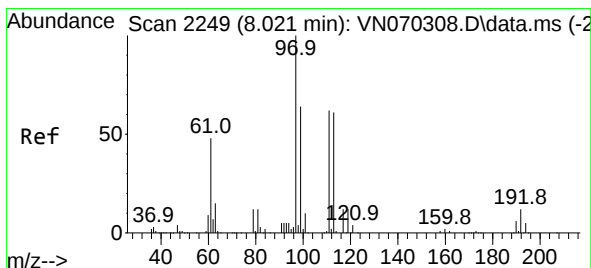
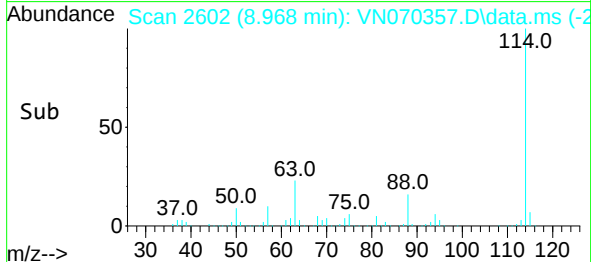
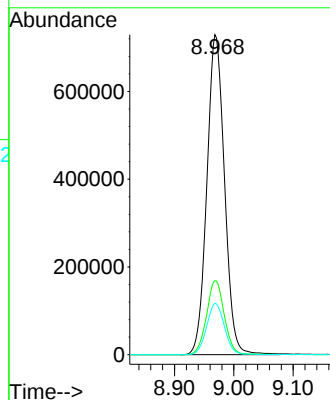
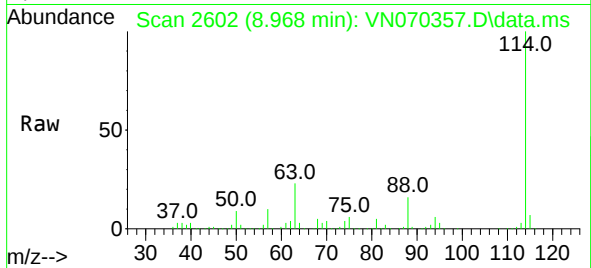




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

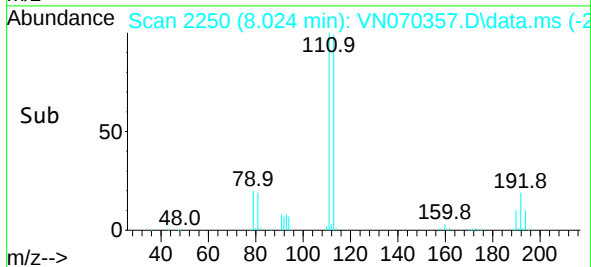
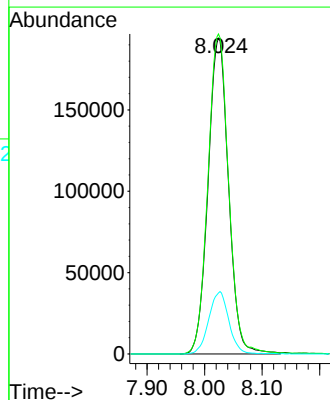
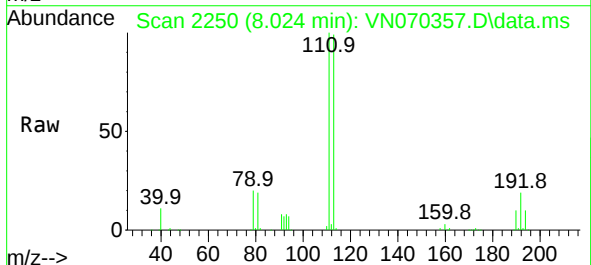
Instrument :
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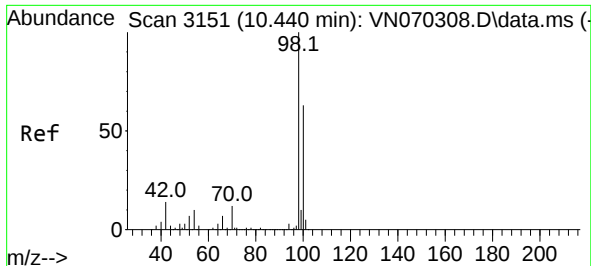
Tgt Ion:114 Resp: 1503175
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.777 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

Tgt Ion:113 Resp: 480006
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.3 16.9 25.3

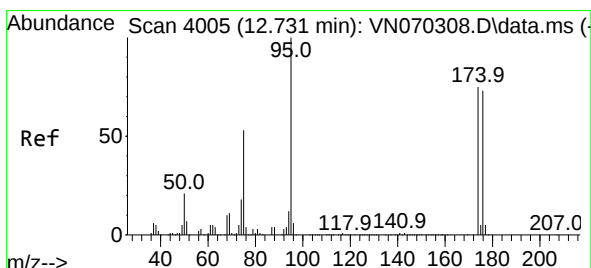
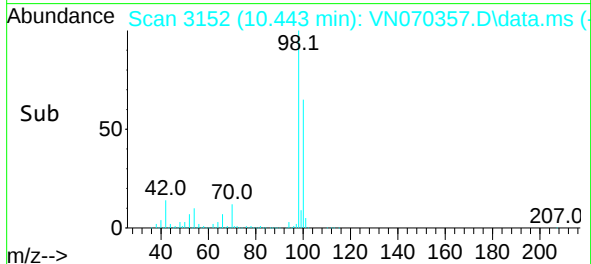
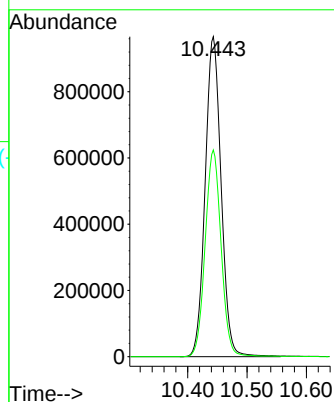
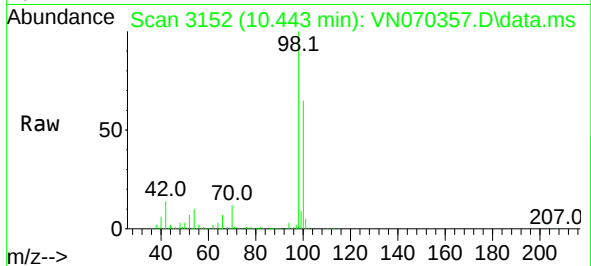




#50
Toluene-d8
Concen: 48.486 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

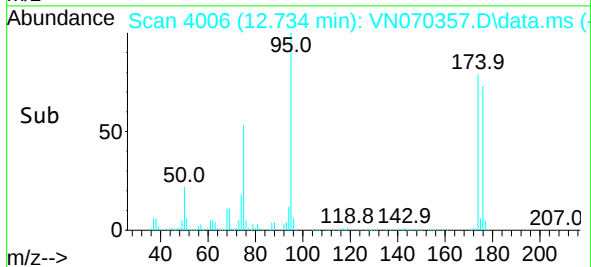
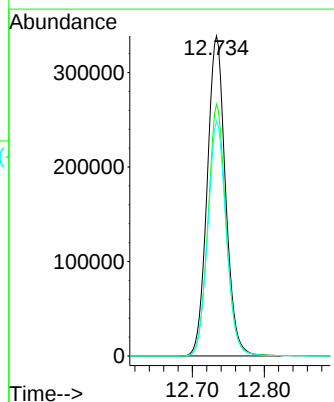
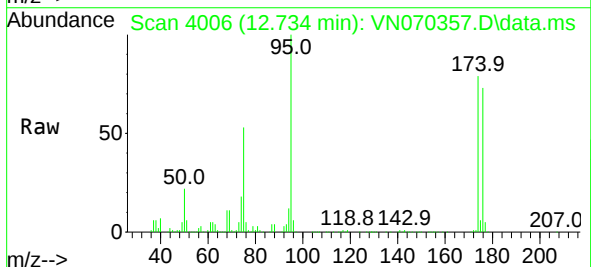
Instrument :
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MW-3

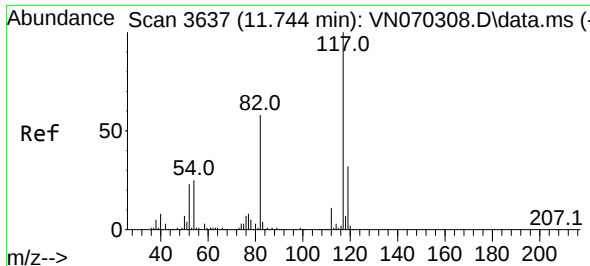
Tgt Ion: 98 Resp: 1801426
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 44.691 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

Tgt Ion: 95 Resp: 599723
Ion Ratio Lower Upper
95 100
174 77.7 0.0 187.2
176 74.0 0.0 181.4

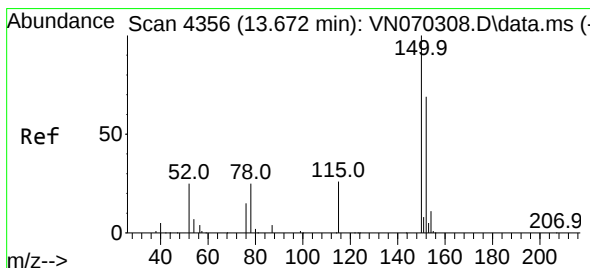
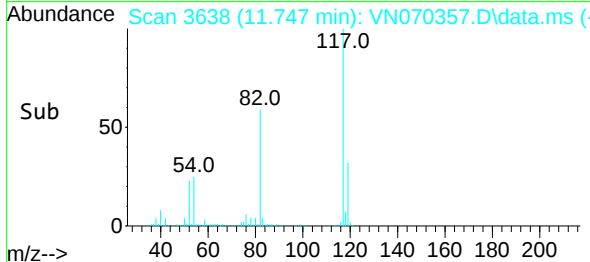
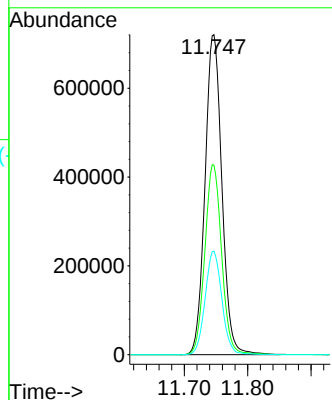
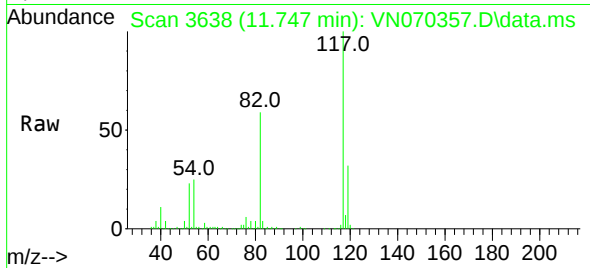




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:117 Resp: 1334706
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.006 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

Tgt Ion:152 Resp: 420844
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 156.6 0.0 344.4

