

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067911.D
 Acq On : 26 Jul 2021 16:51
 Operator : JC/MD
 Sample : M3147-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-TB

Quant Time: Jul 27 01:31:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	307829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	582743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	556389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	187679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	246102	52.900	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.800%
35) Dibromofluoromethane	8.024	113	179533	50.992	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.980%
50) Toluene-d8	10.446	98	749329	50.846	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.733	95	240159	46.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.260%

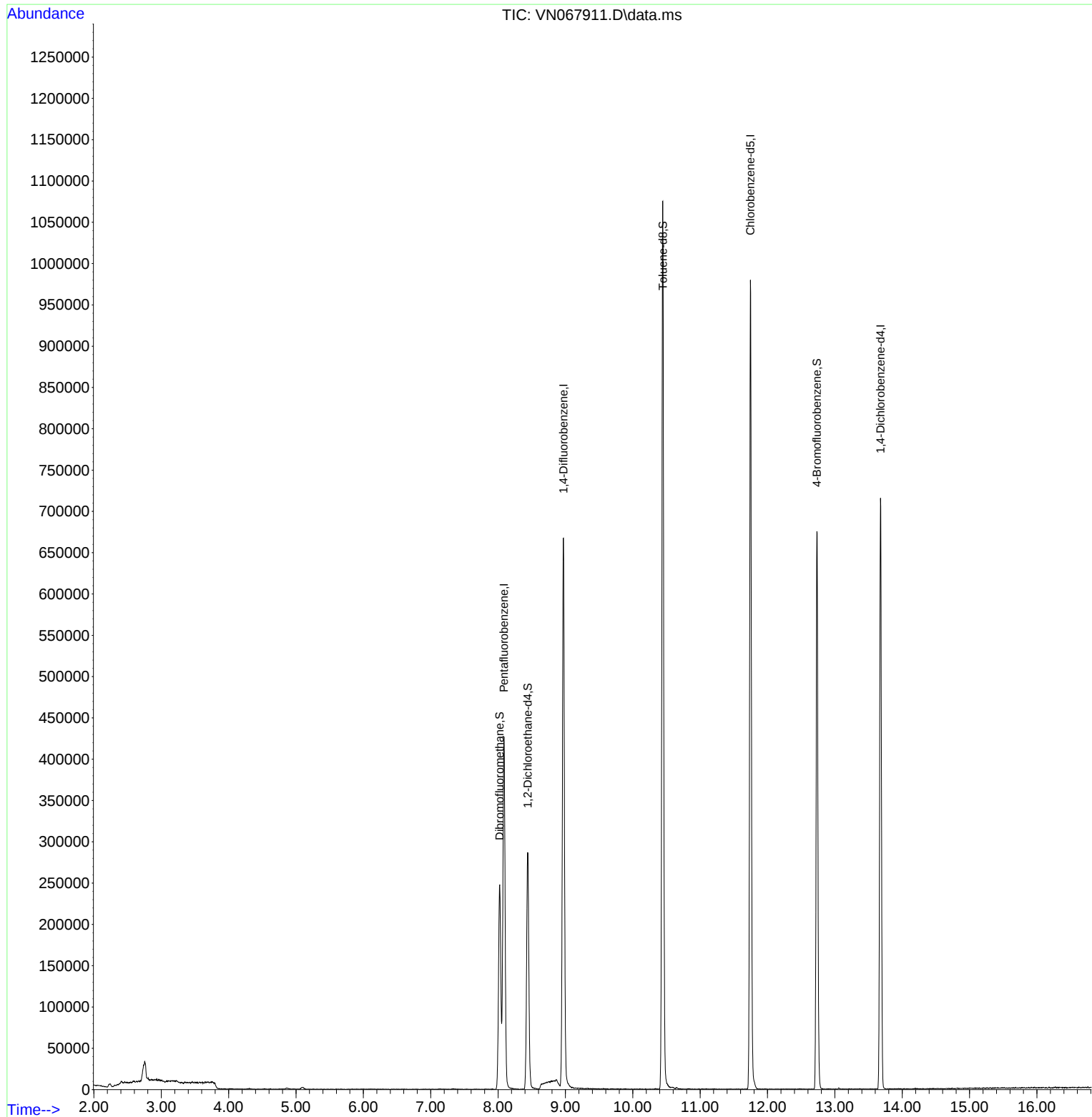
Target Compounds	Qvalue

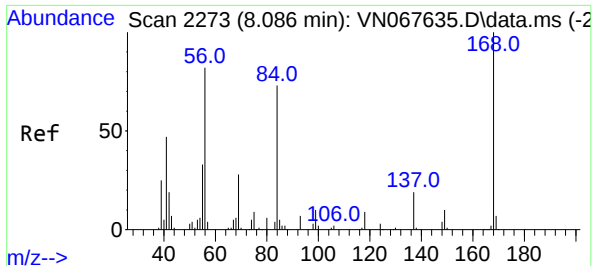
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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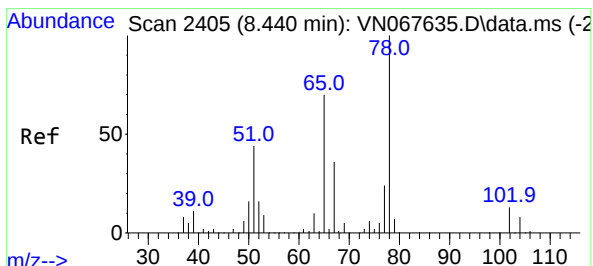
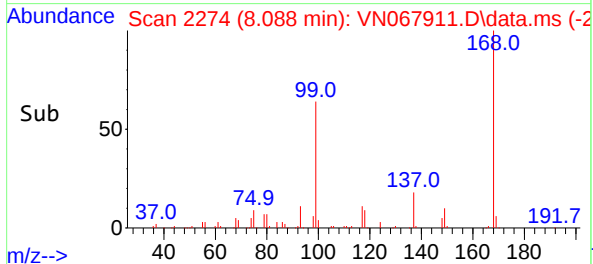
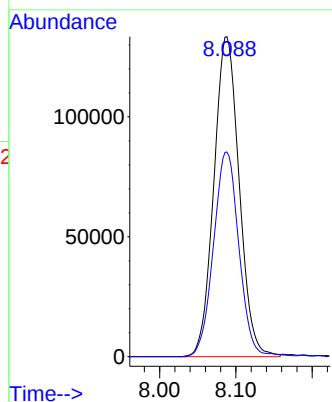
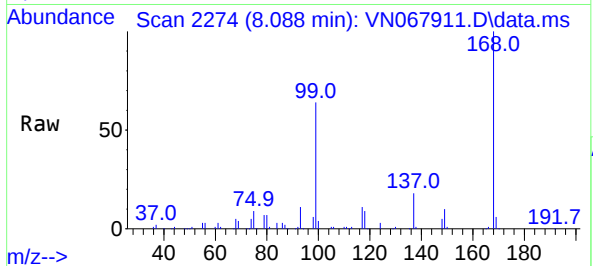




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067911.D
Acq: 26 Jul 2021 16:51

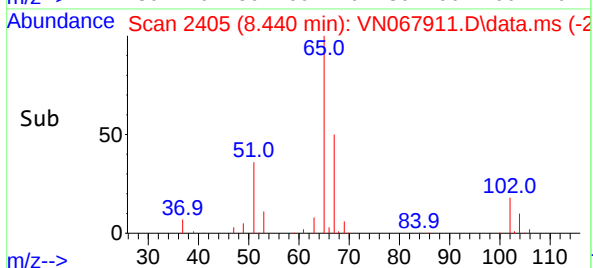
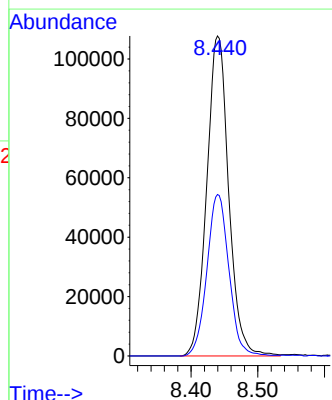
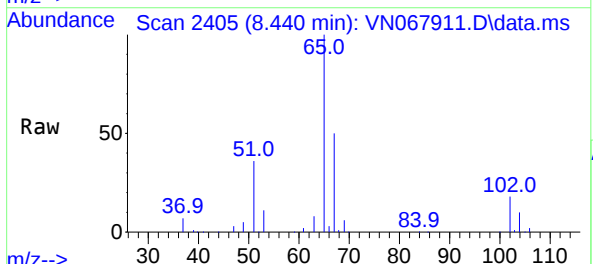
Instrument :
MSVOA_N
ClientSampleId :
152140-TB

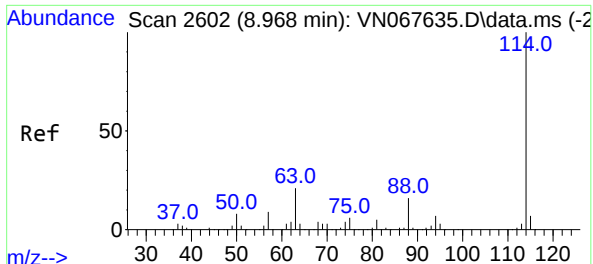
Tgt Ion:168 Resp: 307829
Ion Ratio Lower Upper
168 100
99 63.9 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 52.900 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067911.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 65 Resp: 246102
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6

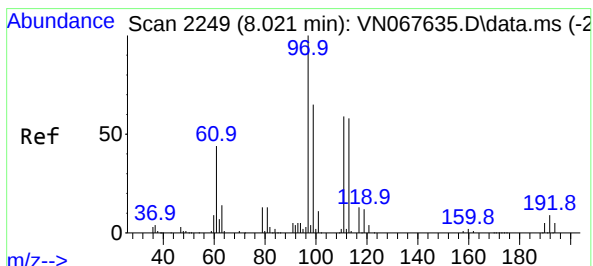
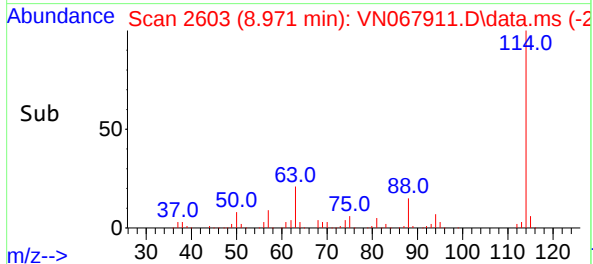
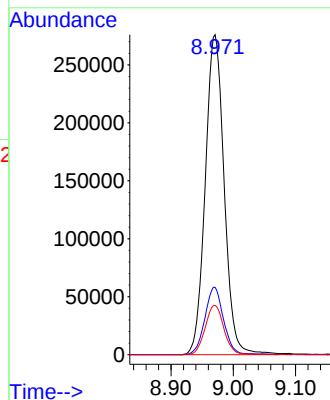
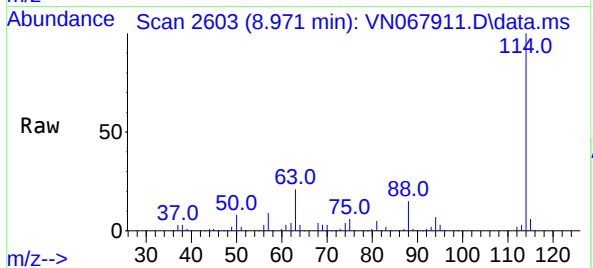




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067911.D
Acq: 26 Jul 2021 16:51

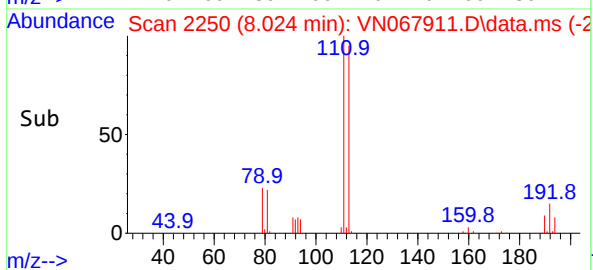
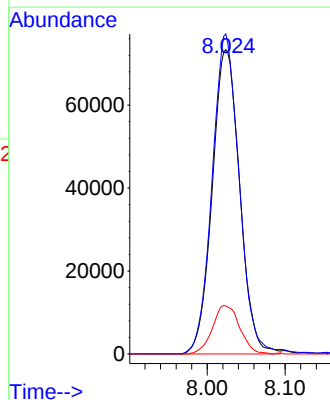
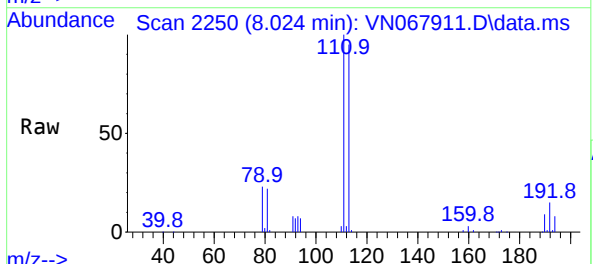
Instrument :
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ClientSampleId :
152140-TB

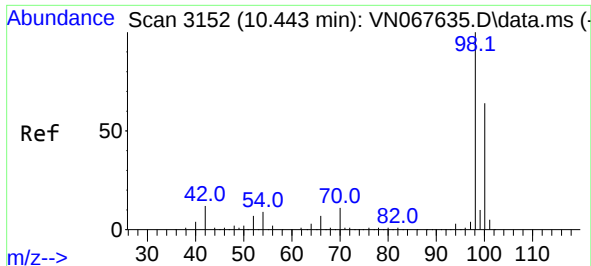
Tgt Ion:114 Resp: 582743
Ion Ratio Lower Upper
114 100
63 21.0 0.0 49.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.992 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067911.D
Acq: 26 Jul 2021 16:51

Tgt Ion:113 Resp: 179533
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 15.8 13.4 20.0

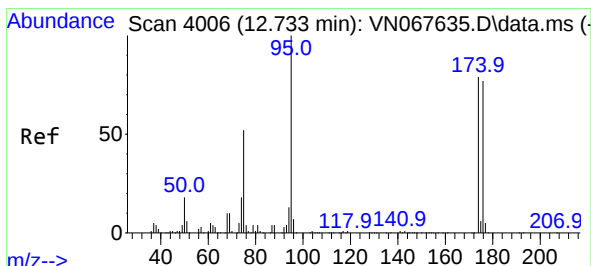
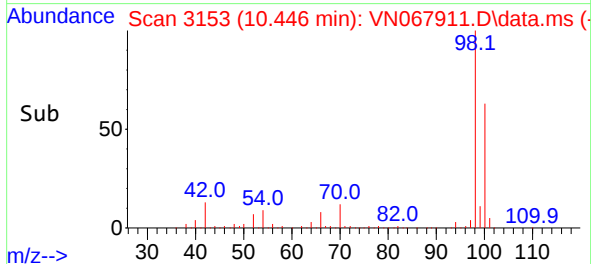
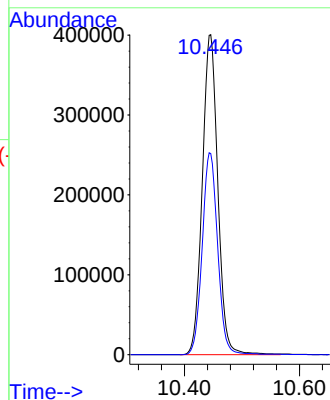
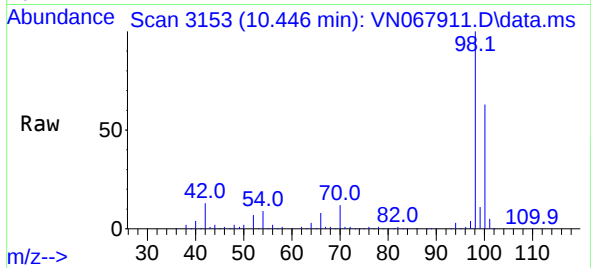




#50
Toluene-d8
Concen: 50.846 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067911.D
Acq: 26 Jul 2021 16:51

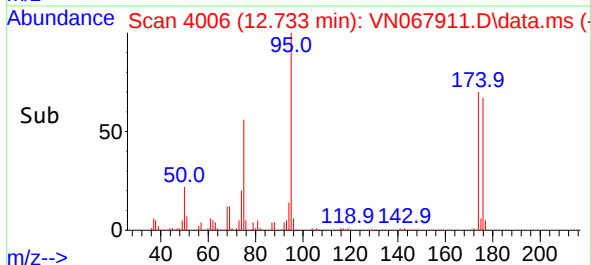
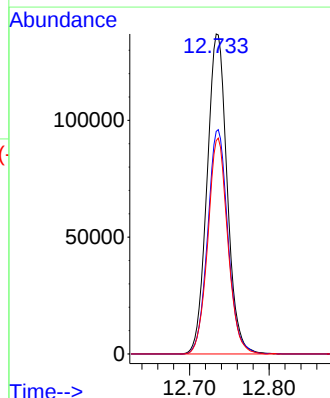
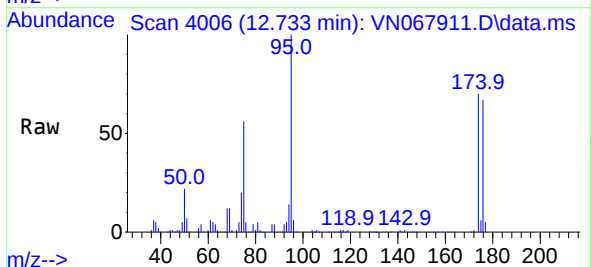
Instrument :
MSVOA_N
ClientSampleId :
152140-TB

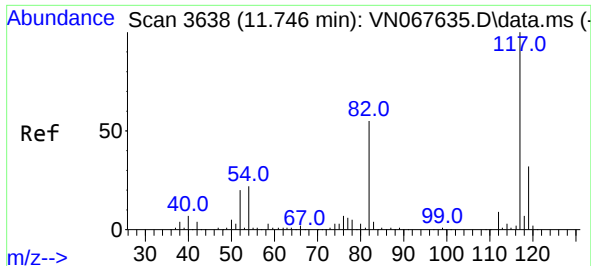
Tgt Ion: 98 Resp: 749329
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.131 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067911.D
Acq: 26 Jul 2021 16:51

Tgt Ion: 95 Resp: 240159
Ion Ratio Lower Upper
95 100
174 70.8 0.0 122.0
176 66.8 0.0 117.6

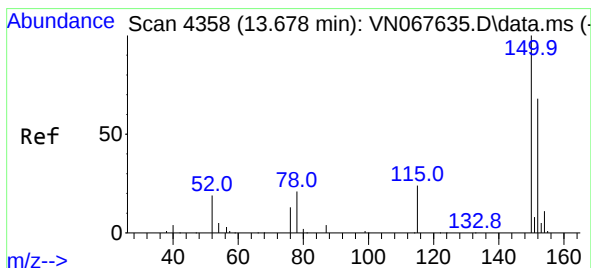
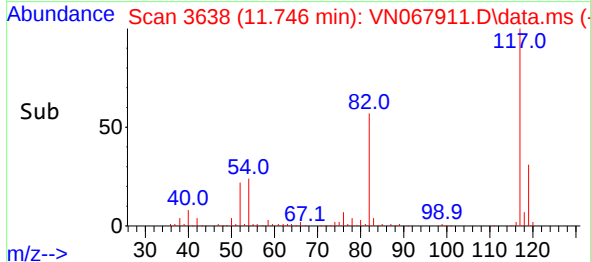
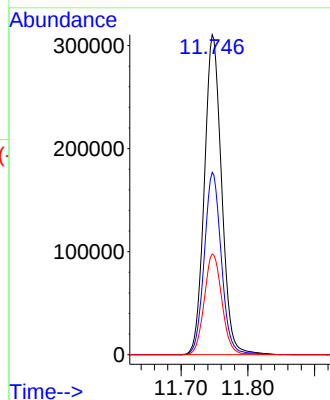
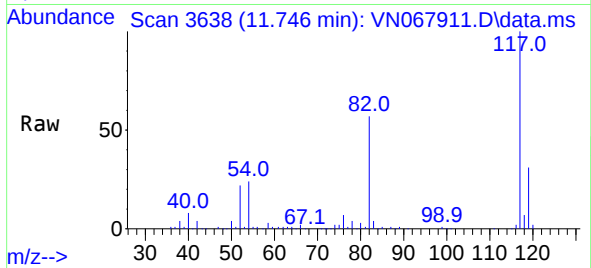




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067911.D
Acq: 26 Jul 2021 16:51

Instrument :
MSVOA_N
ClientSampleId :
152140-TB

Tgt Ion:117 Resp: 556389
Ion Ratio Lower Upper
117 100
82 57.0 53.1 79.7
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067911.D
Acq: 26 Jul 2021 16:51

Tgt Ion:152 Resp: 187679
Ion Ratio Lower Upper
152 100
115 63.8 36.1 108.5
150 157.8 0.0 351.8

