

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069271.D
 Acq On : 29 Oct 2021 1:19
 Operator : JC/MD
 Sample : M4338-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FD-01

Quant Time: Oct 29 07:56:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	307067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	540674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	525311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	194334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	205496	46.360	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.720%
35) Dibromofluoromethane	8.024	113	157137	46.623	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.240%
50) Toluene-d8	10.443	98	673688	49.993	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.733	95	241137	47.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.840%

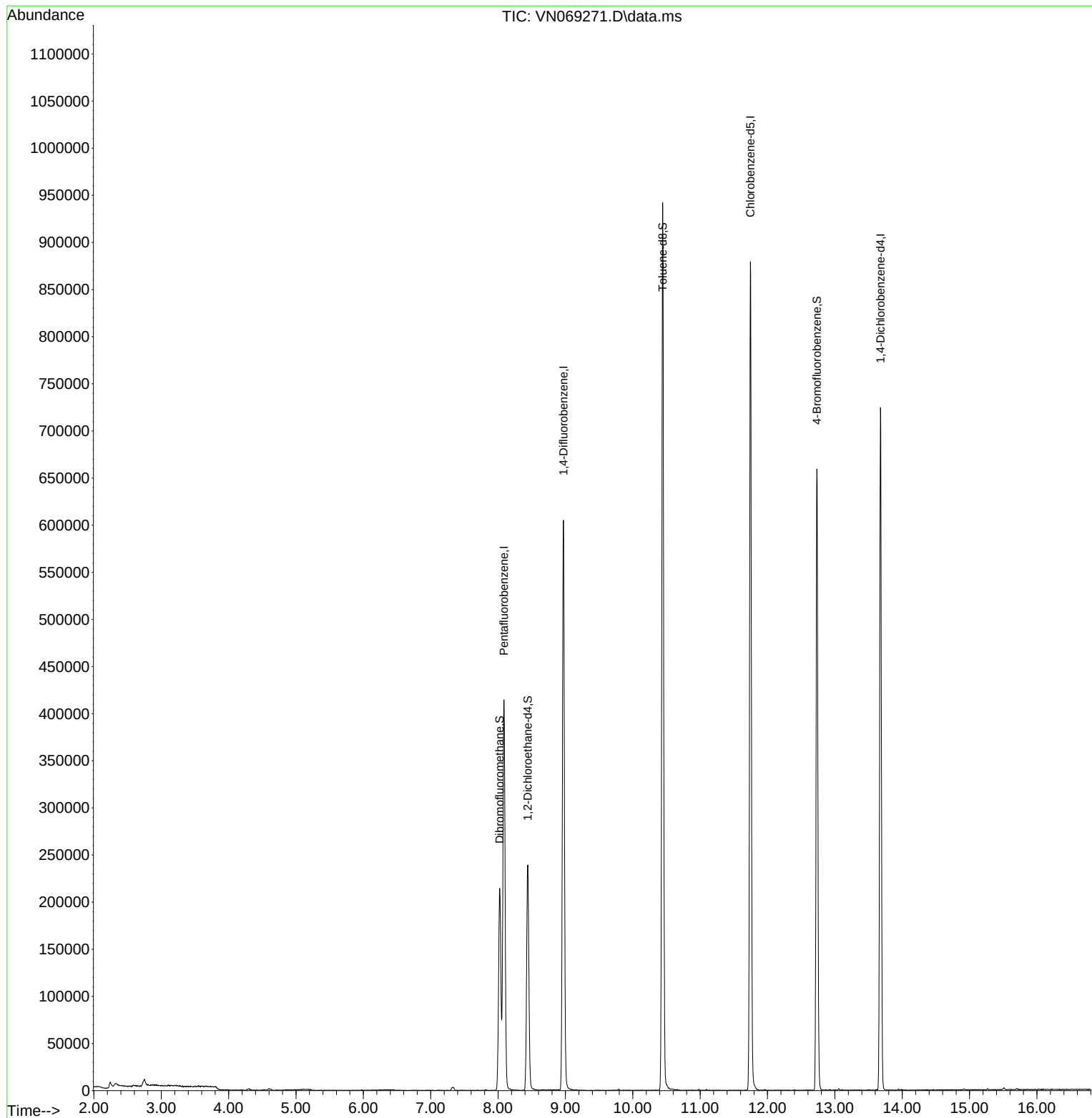
Target Compounds	Qvalue

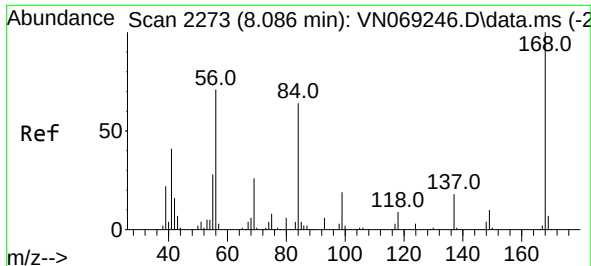
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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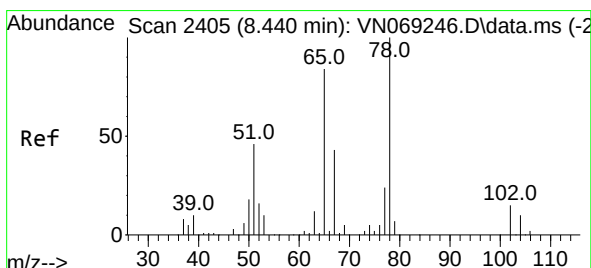
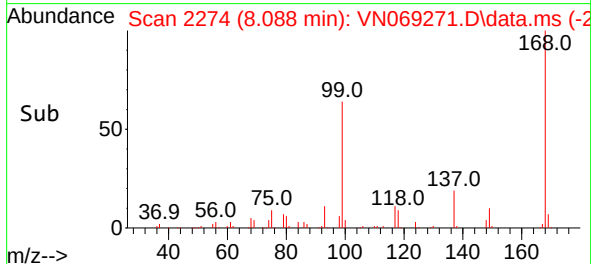
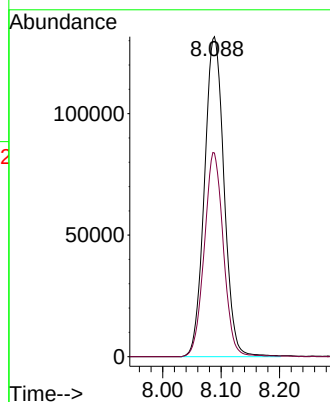
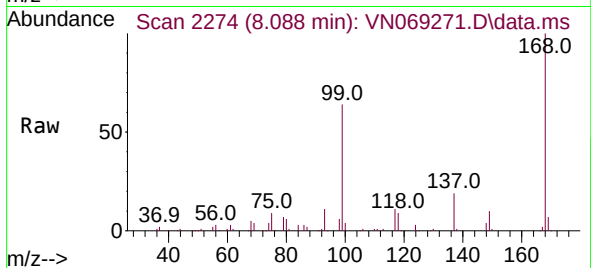




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069271.D
Acq: 29 Oct 2021 1:19

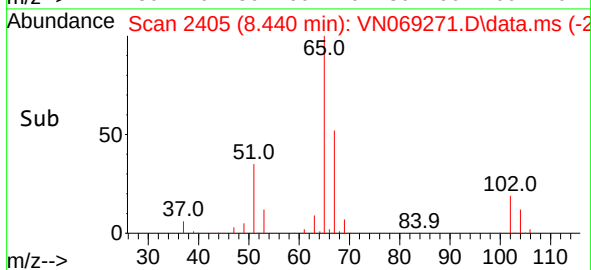
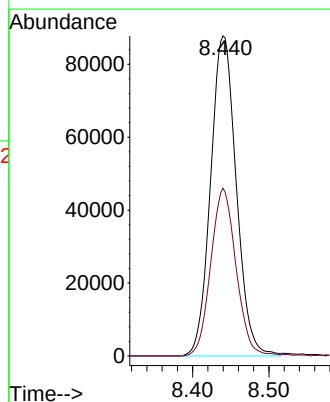
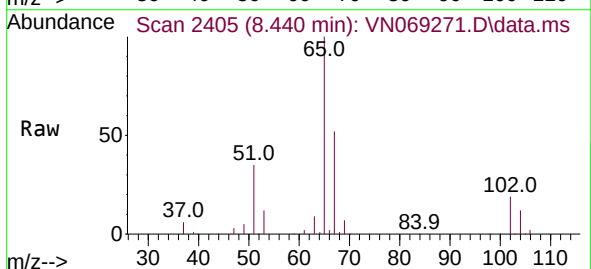
Instrument :
MSVOA_N
ClientSampleId :
FD-01

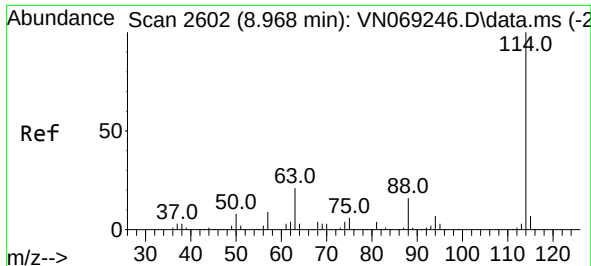
Tgt Ion:168 Resp: 307067
Ion Ratio Lower Upper
168 100
99 63.7 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 46.360 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069271.D
Acq: 29 Oct 2021 1:19

Tgt Ion: 65 Resp: 205496
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.8

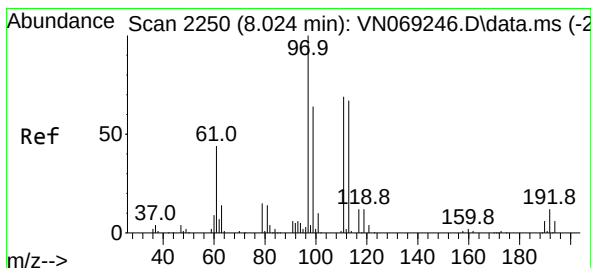
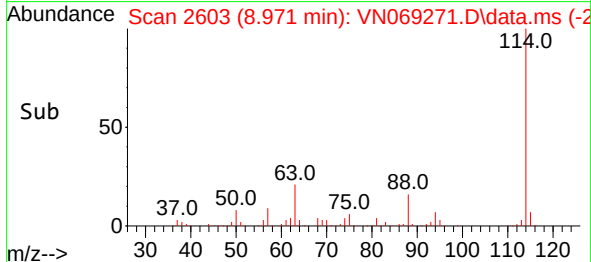
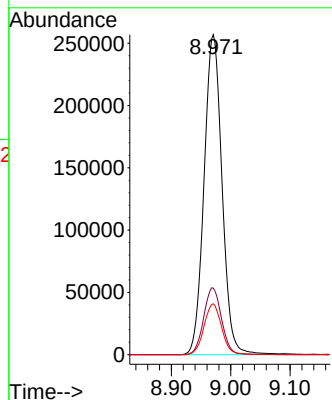
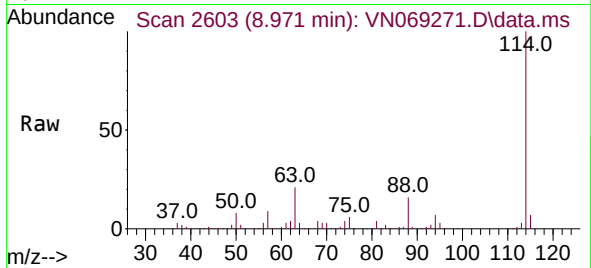




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069271.D
Acq: 29 Oct 2021 1:19

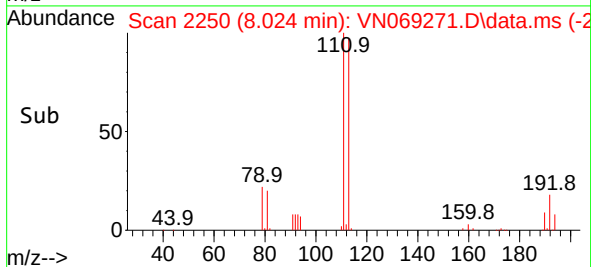
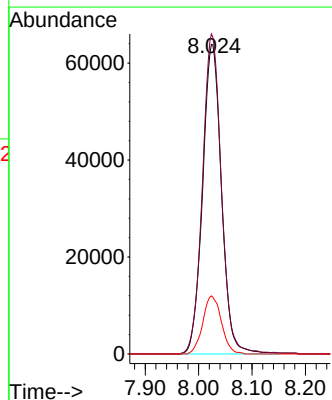
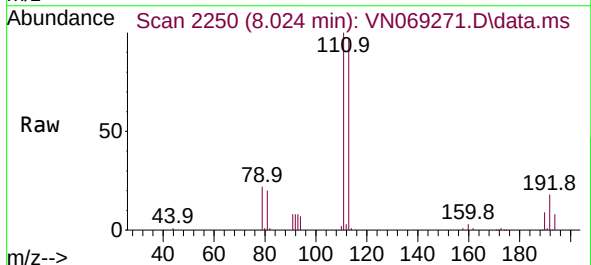
Instrument :
MSVOA_N
ClientSampleId :
FD-01

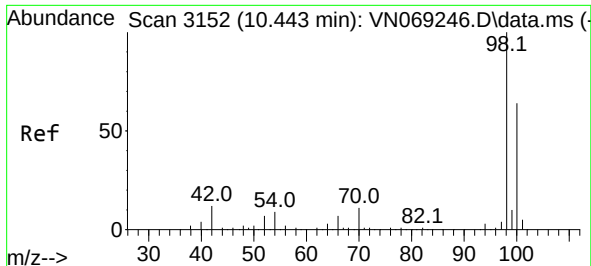
Tgt Ion:114 Resp: 540674
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 46.623 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN069271.D
Acq: 29 Oct 2021 1:19

Tgt Ion:113 Resp: 157137
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.4 15.0 22.4

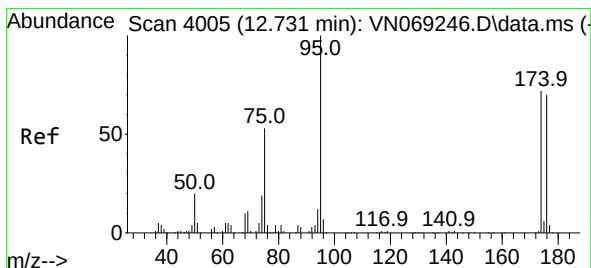
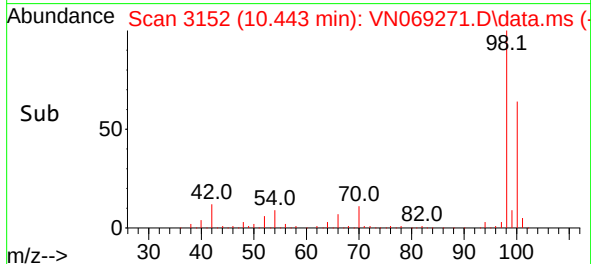
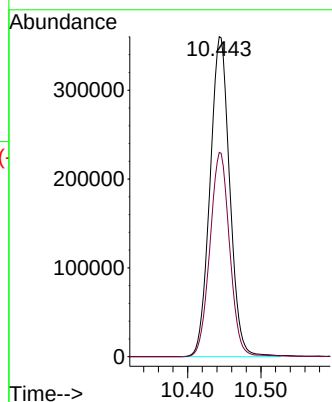
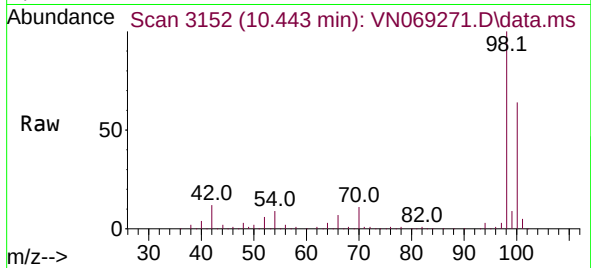




#50
Toluene-d8
Concen: 49.993 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069271.D
Acq: 29 Oct 2021 1:19

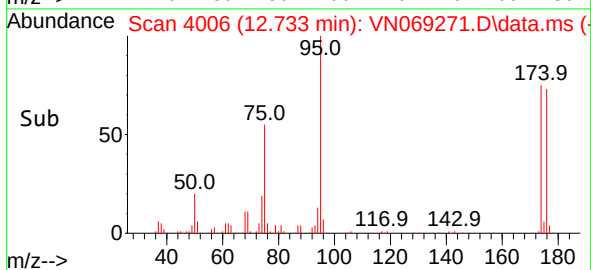
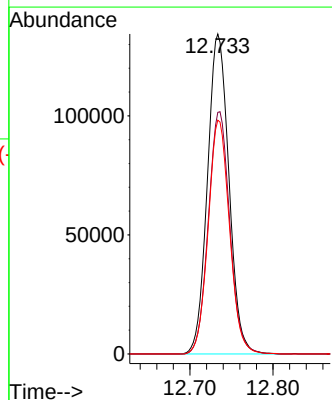
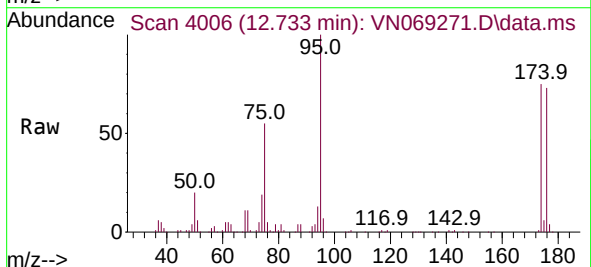
Instrument :
MSVOA_N
ClientSampleId :
FD-01

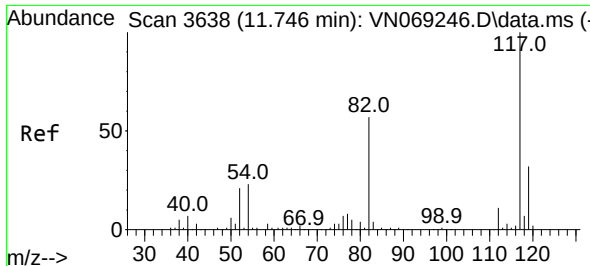
Tgt Ion: 98 Resp: 673688
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.420 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069271.D
Acq: 29 Oct 2021 1:19

Tgt Ion: 95 Resp: 241137
Ion Ratio Lower Upper
95 100
174 75.6 0.0 144.8
176 72.6 0.0 140.0

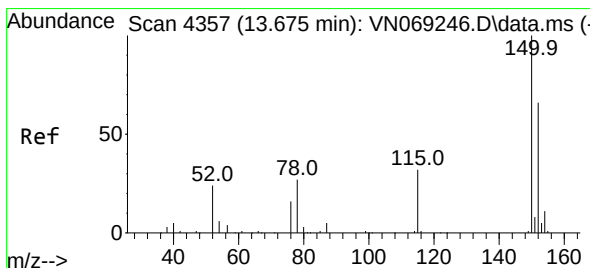
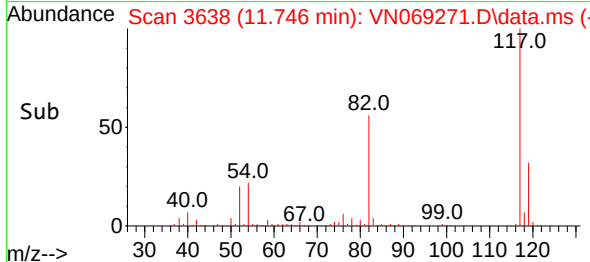
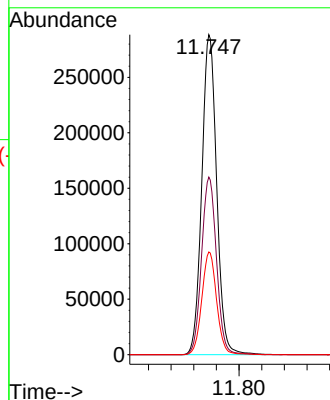
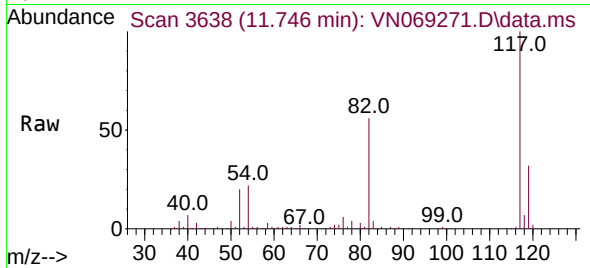




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069271.D
Acq: 29 Oct 2021 1:19

Instrument :
MSVOA_N
ClientSampleId :
FD-01

Tgt Ion:117 Resp: 525311
Ion Ratio Lower Upper
117 100
82 55.5 46.4 69.6
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069271.D
Acq: 29 Oct 2021 1:19

Tgt Ion:152 Resp: 194334
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.3
150 159.1 0.0 351.0

