

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069338.D
 Acq On : 2 Nov 2021 10:25
 Operator : JC/MD
 Sample : VN1102WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBL01

Quant Time: Nov 03 00:46:34 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	280184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	501811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	495970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	193552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	194127	47.997	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.000%
35) Dibromofluoromethane	8.024	113	147904	47.282	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.560%
50) Toluene-d8	10.443	98	627197	50.147	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.734	95	234014	49.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.160%

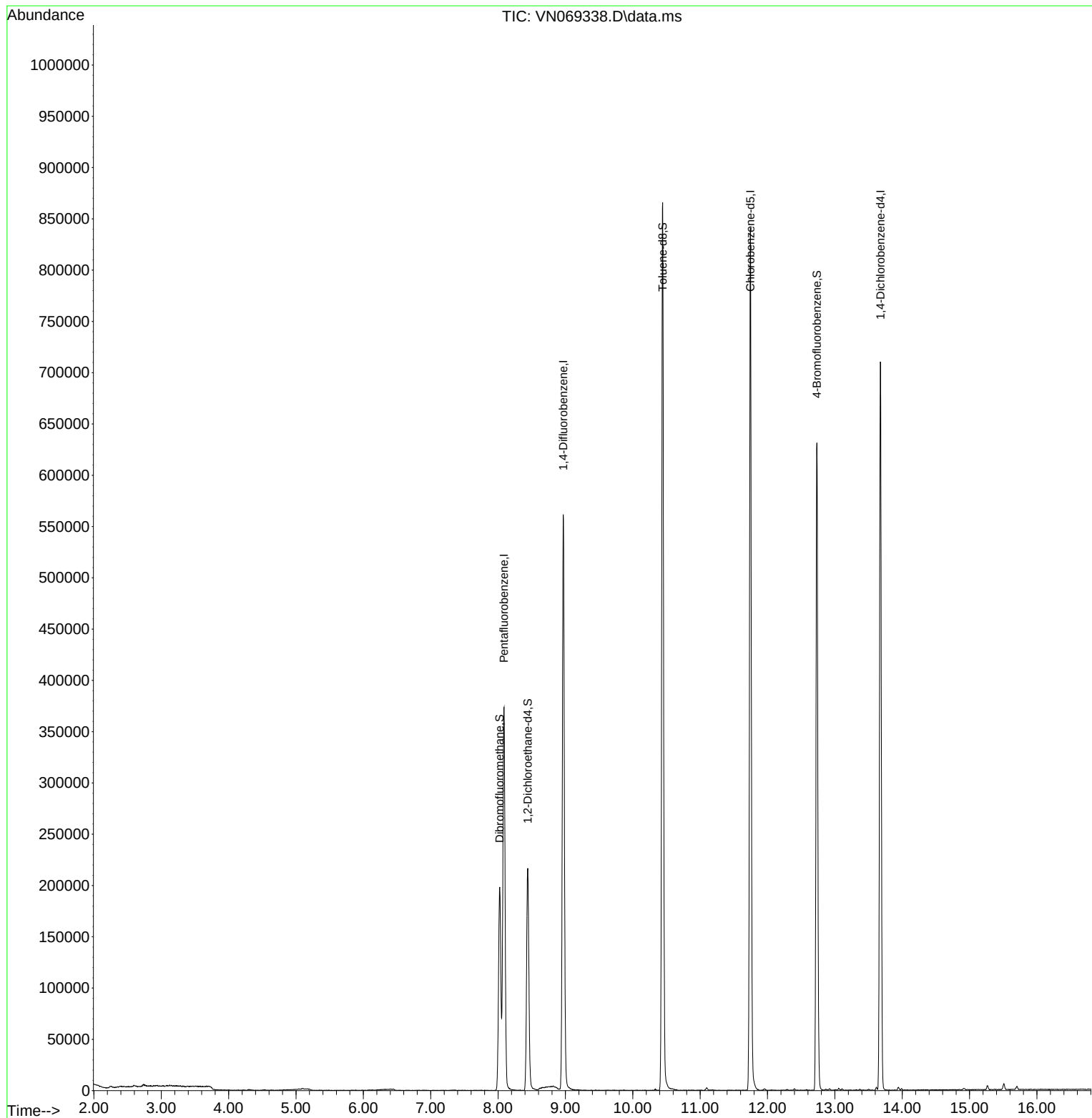
Target Compounds	Qvalue

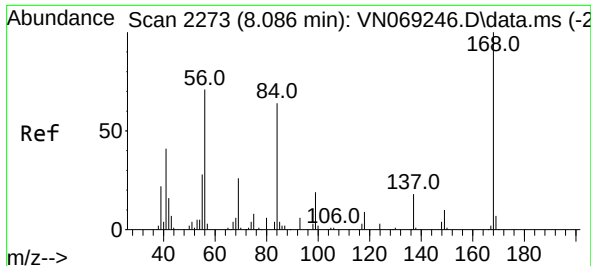
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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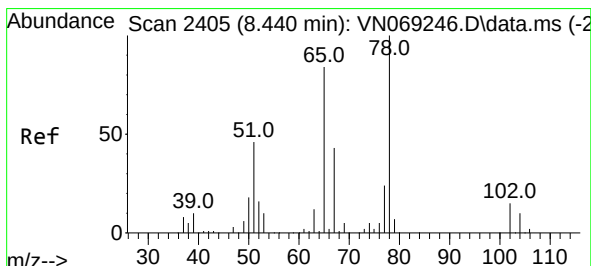
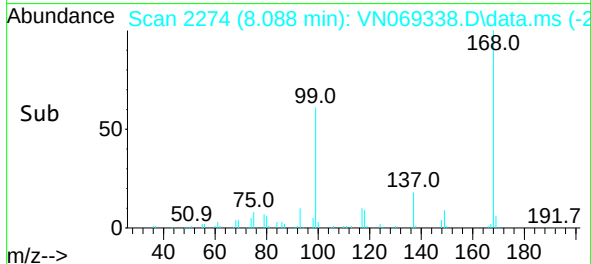
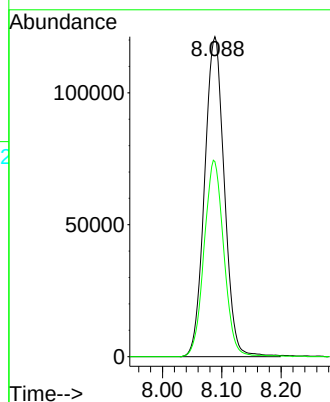
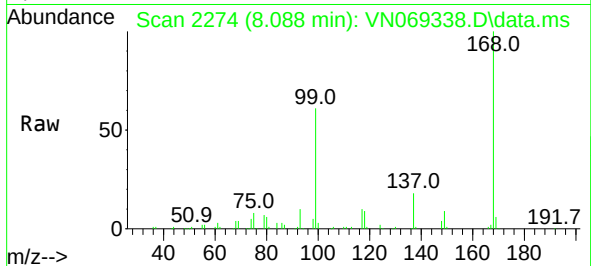




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069338.D
Acq: 2 Nov 2021 10:25

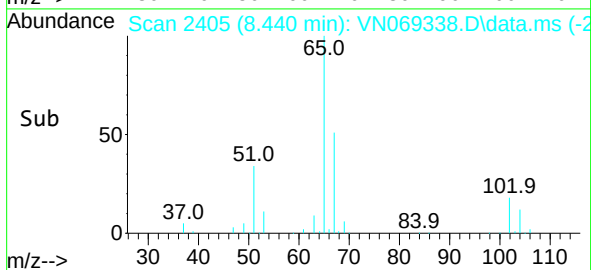
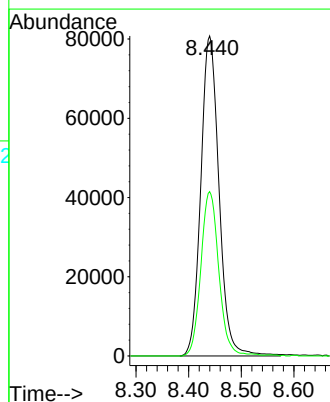
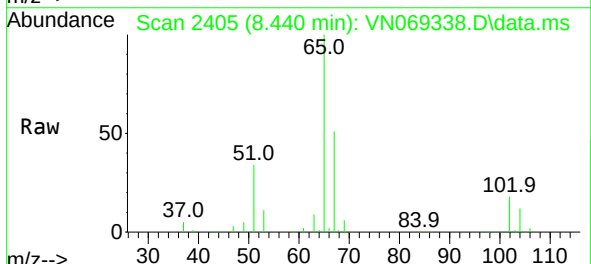
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBL01

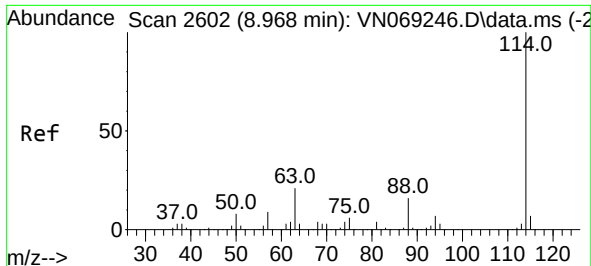
Tgt Ion:168 Resp: 280184
Ion Ratio Lower Upper
168 100
99 60.9 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 47.997 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069338.D
Acq: 2 Nov 2021 10:25

Tgt Ion: 65 Resp: 194127
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.8

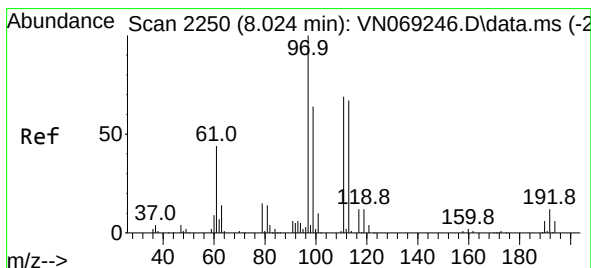
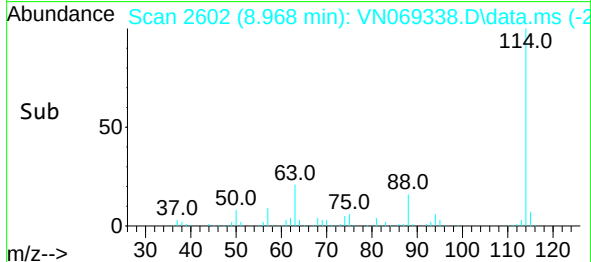
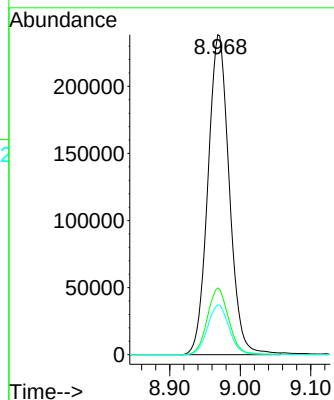
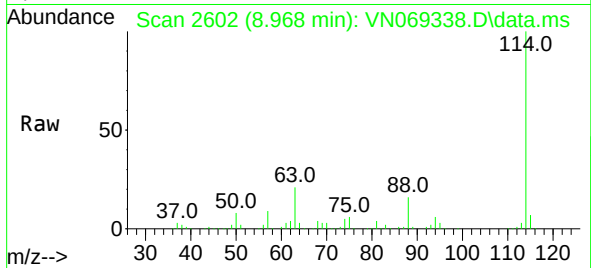




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069338.D
Acq: 2 Nov 2021 10:25

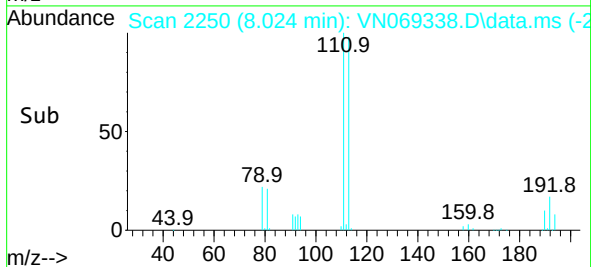
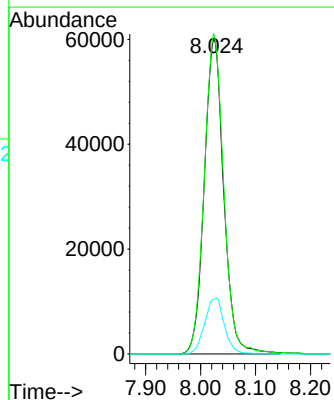
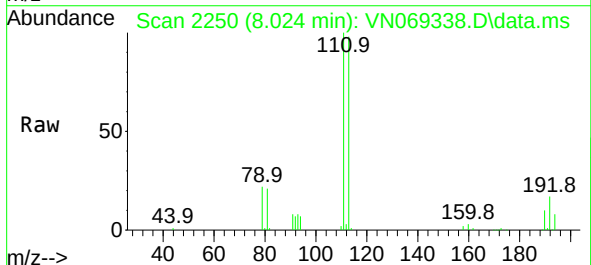
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBL01

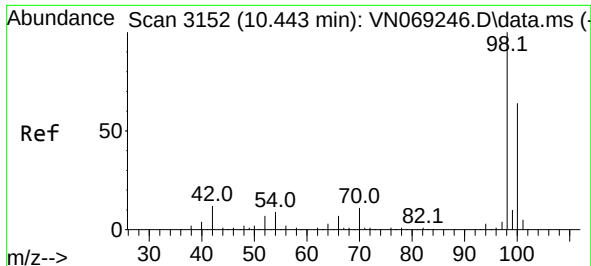
Tgt Ion:114 Resp: 501811
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 15.5 0.0 32.0



#35
Dibromofluoromethane
Concen: 47.282 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN069338.D
Acq: 2 Nov 2021 10:25

Tgt Ion:113 Resp: 147904
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 17.8 15.0 22.4

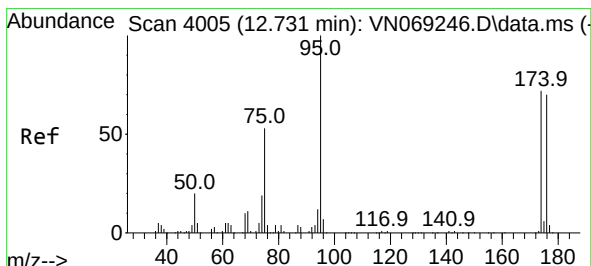
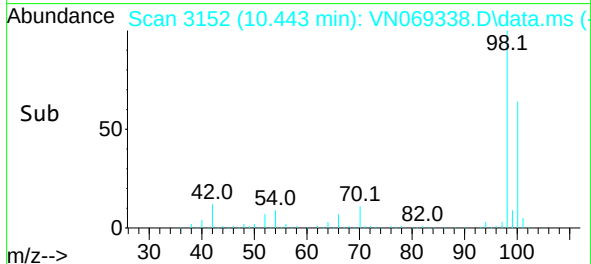
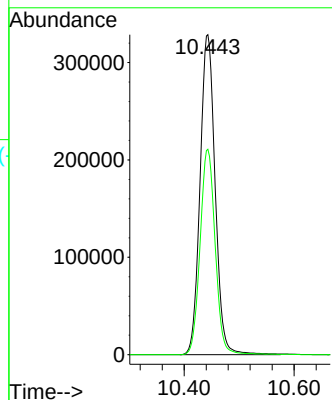
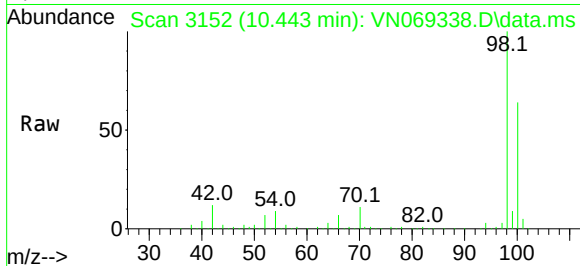




#50
Toluene-d8
Concen: 50.147 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069338.D
Acq: 2 Nov 2021 10:25

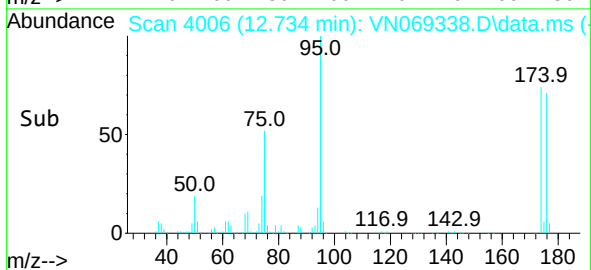
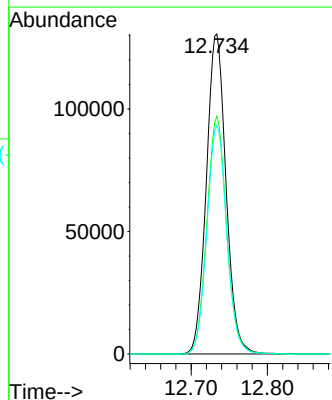
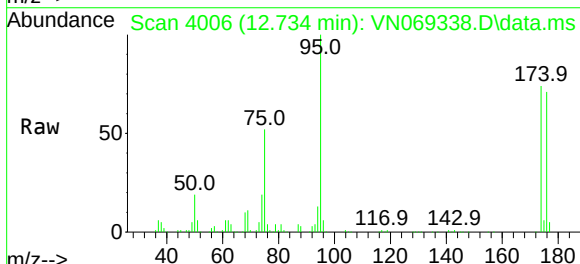
Instrument :
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VN1102WBL01

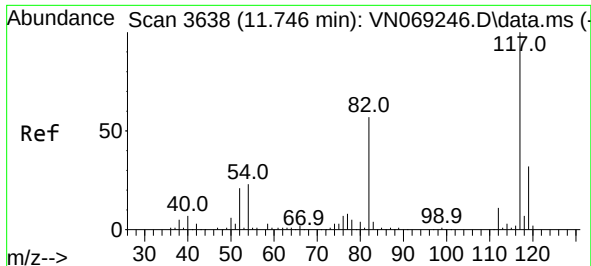
Tgt Ion: 98 Resp: 627197
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.583 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069338.D
Acq: 2 Nov 2021 10:25

Tgt Ion: 95 Resp: 234014
Ion Ratio Lower Upper
95 100
174 74.6 0.0 144.8
176 71.9 0.0 140.0

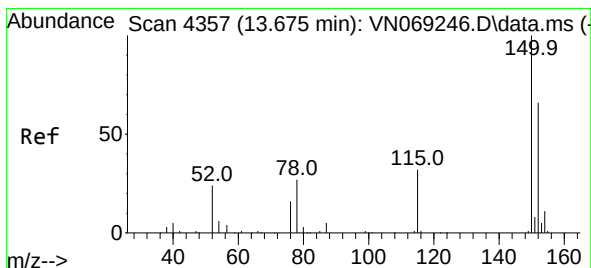
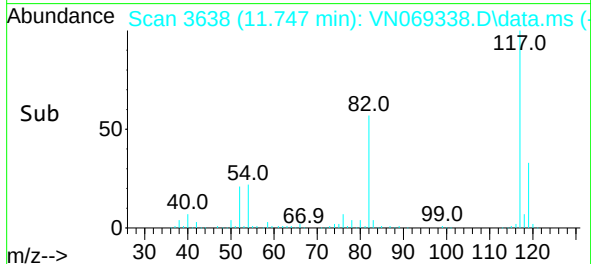
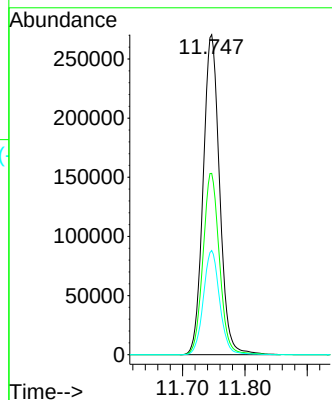
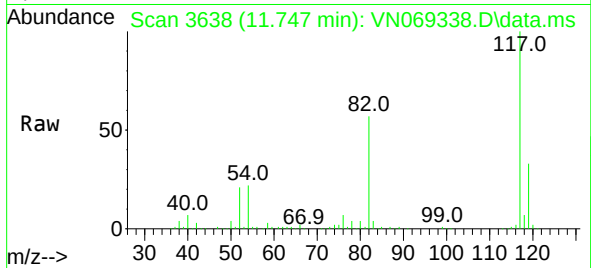




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069338.D
Acq: 2 Nov 2021 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBL01

Tgt Ion:117 Resp: 495970
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 32.6 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: VN069338.D
Acq: 2 Nov 2021 10:25

Tgt Ion:152 Resp: 193552
Ion Ratio Lower Upper
152 100
115 63.5 31.4 94.3
150 159.5 0.0 351.0

