

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068961.D
 Acq On : 15 Oct 2021 20:08
 Operator : JC/MD
 Sample : M4254-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 18 02:17:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	338669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	586466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	533949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	197393	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215967	48.366	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.740%
35) Dibromofluoromethane	8.024	113	173640	50.889	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.780%
50) Toluene-d8	10.443	98	727981	53.323	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.733	95	250259	48.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.180%

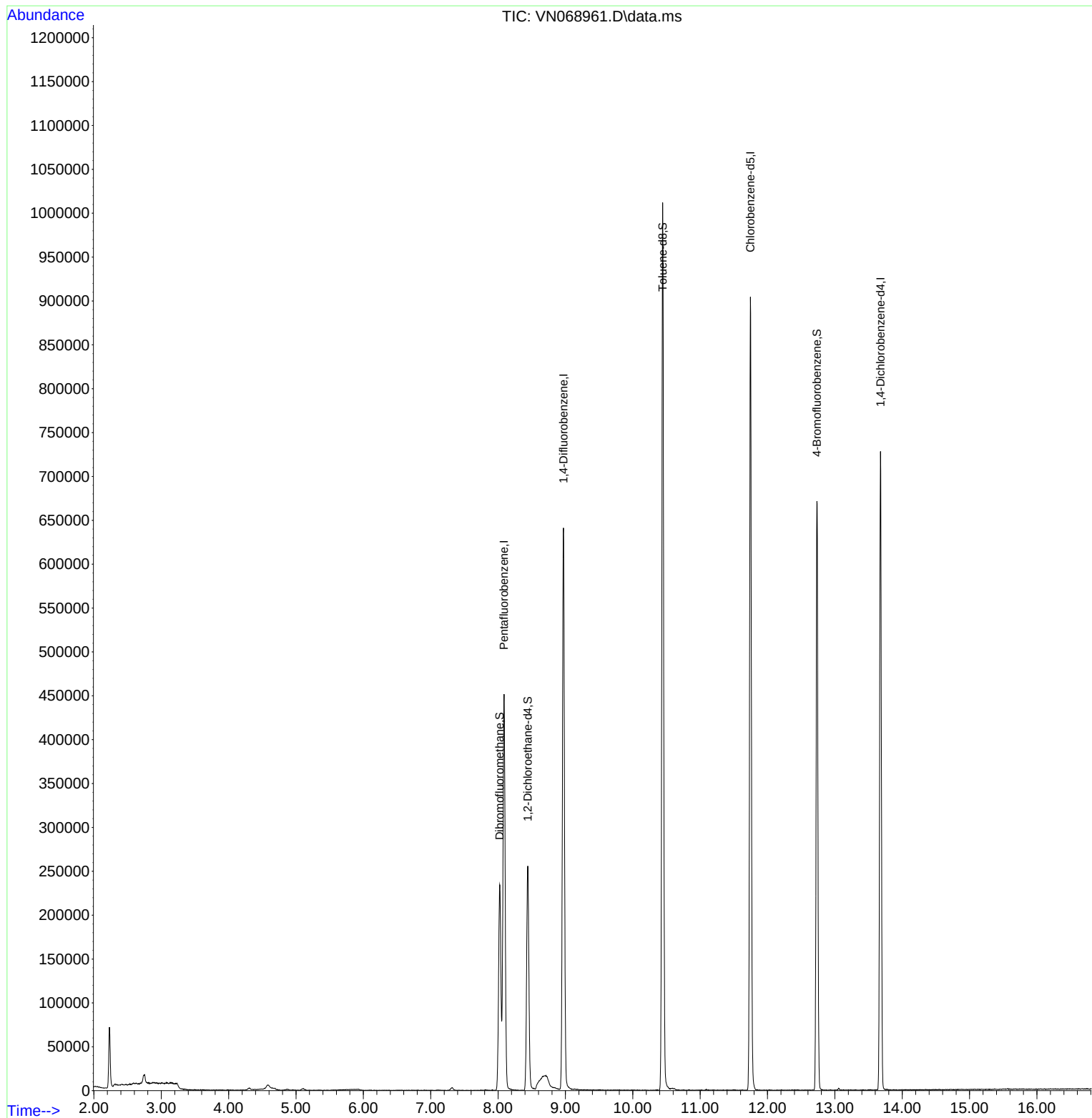
Target Compounds	Qvalue

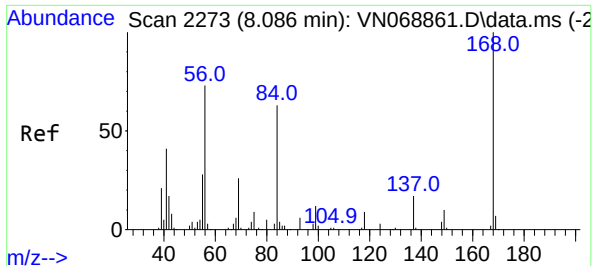
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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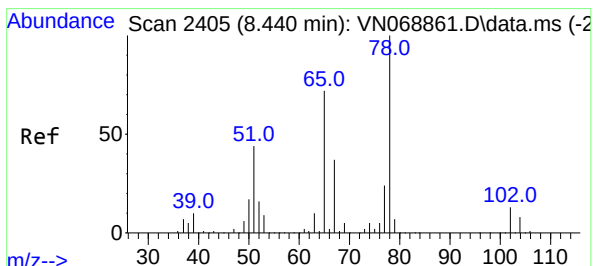
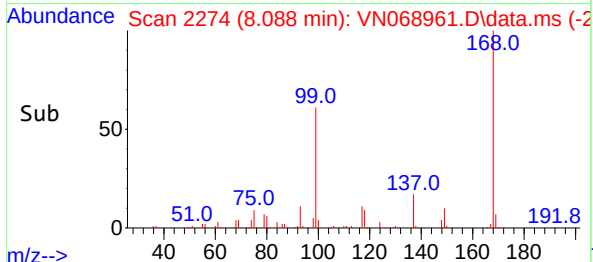
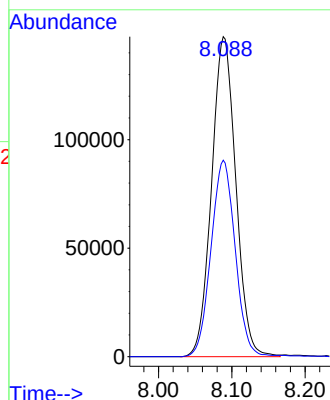
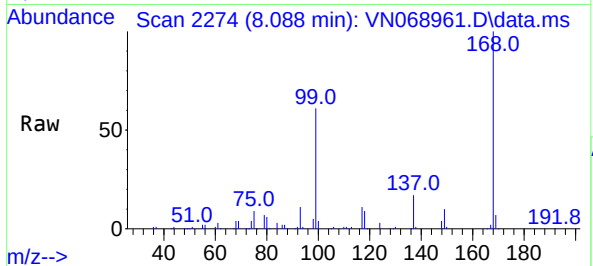




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

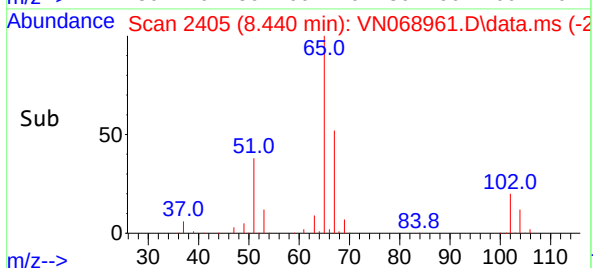
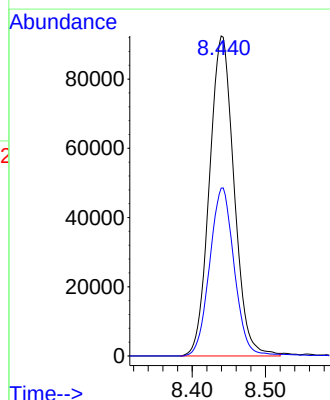
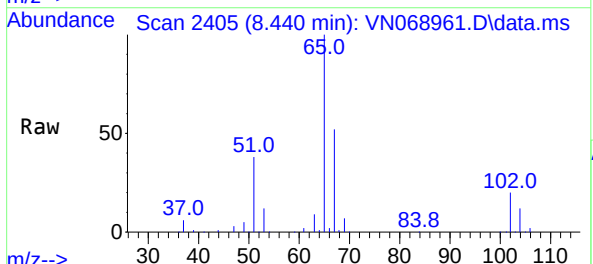
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

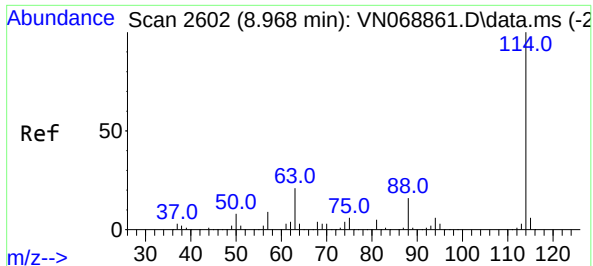
Tgt Ion:168 Resp: 338669
Ion Ratio Lower Upper
168 100
99 61.4 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 48.366 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion: 65 Resp: 215967
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8

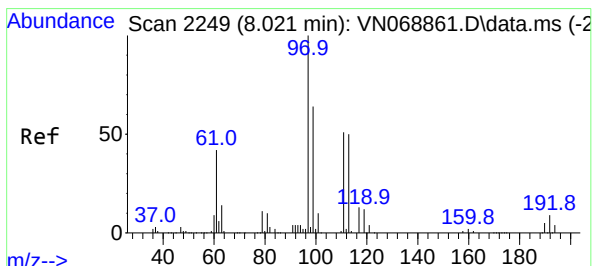
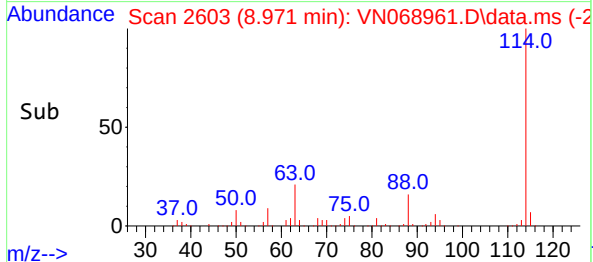
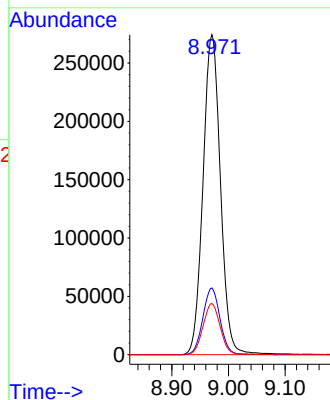
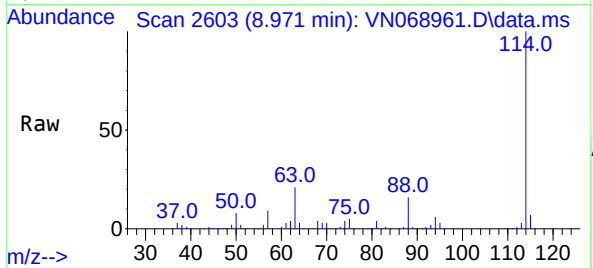




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

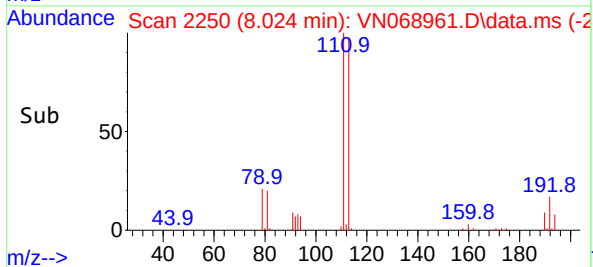
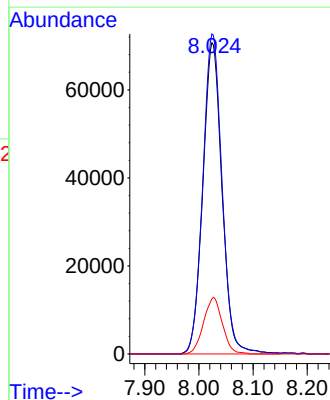
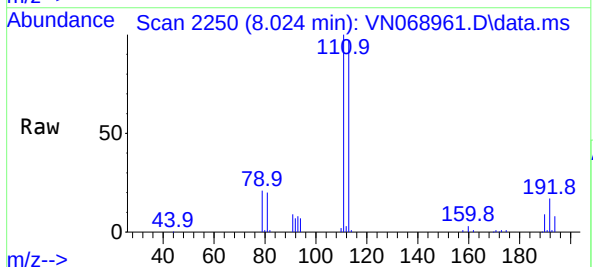
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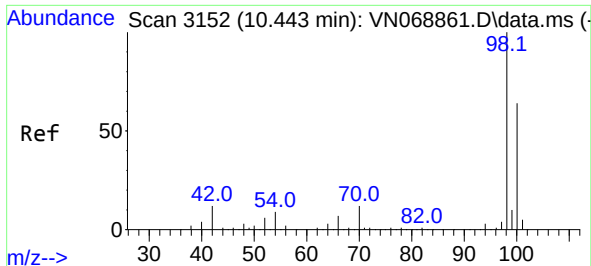
Tgt Ion:114 Resp: 586466
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.889 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion:113 Resp: 173640
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 17.9 15.0 22.4

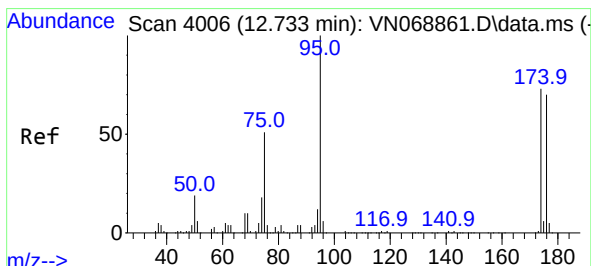
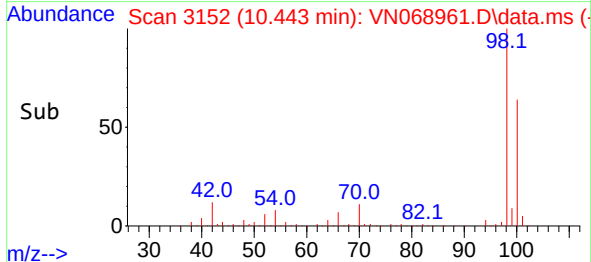
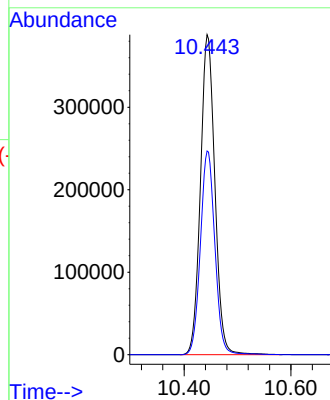
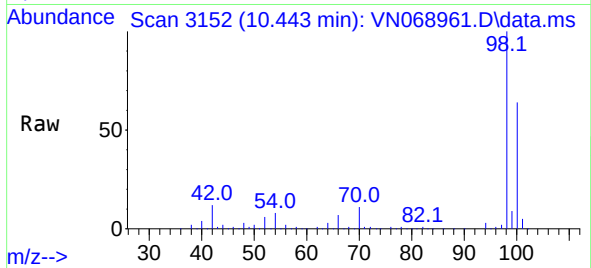




#50
Toluene-d8
Concen: 53.323 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

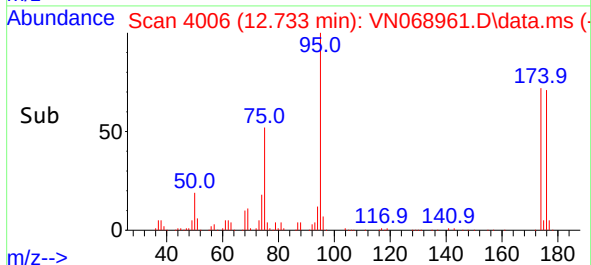
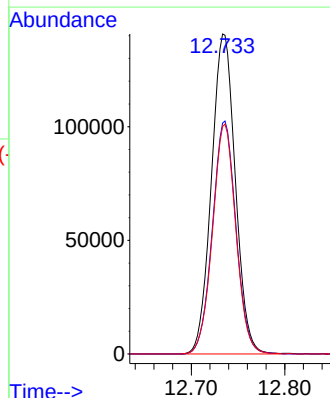
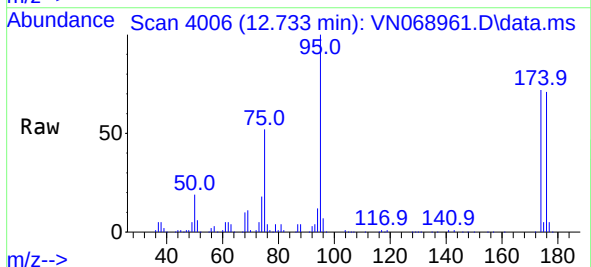
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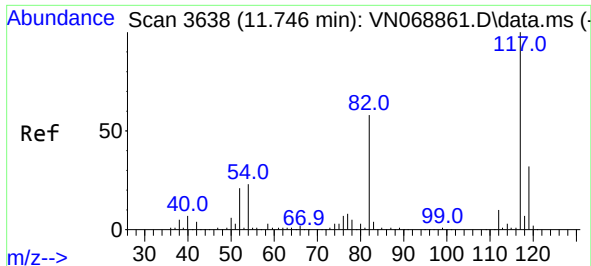
Tgt Ion: 98 Resp: 727981
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.586 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion: 95 Resp: 250259
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.8
176 70.2 0.0 140.0

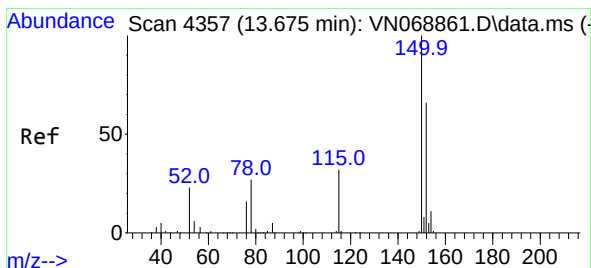
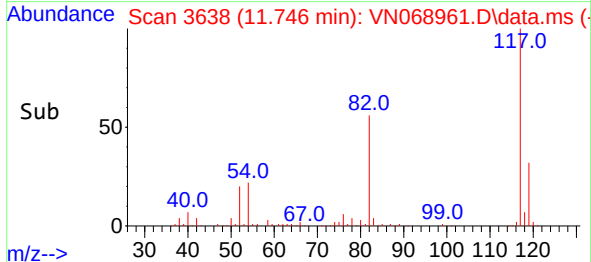
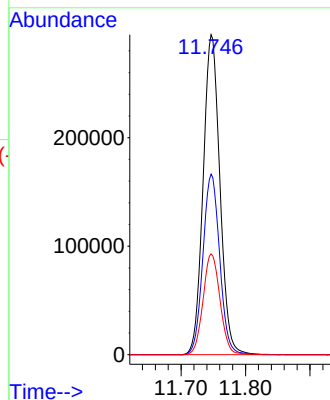
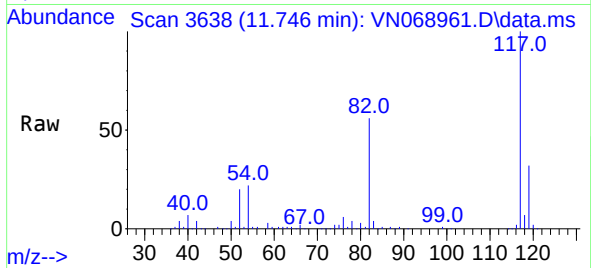




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 533949
Ion Ratio Lower Upper
117 100
82 56.4 46.4 69.6
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion:152 Resp: 197393
Ion Ratio Lower Upper
152 100
115 64.2 31.4 94.3
150 158.3 0.0 351.0

