

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082925.D
 Acq On : 15 Jul 2024 18:18
 Operator : JC\MD
 Sample : P3250-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6RE

Quant Time: Jul 16 01:25:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	94015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	185805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	76992	58.420	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.840%
35) Dibromofluoromethane	8.171	113	62179	52.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.360%
50) Toluene-d8	10.571	98	215226	49.365	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.853	95	71054	45.370	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.740%

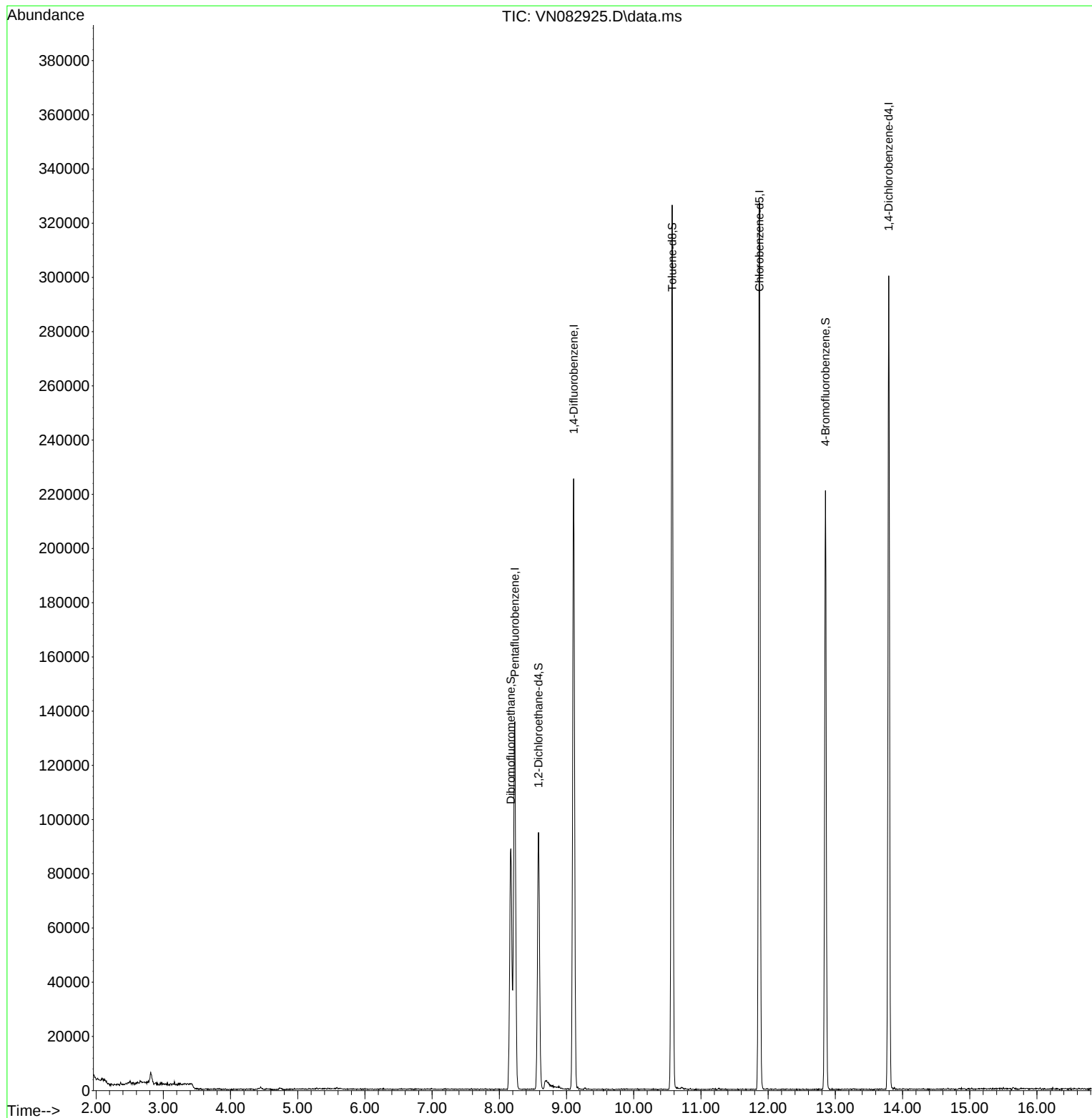
Target Compounds	Qvalue

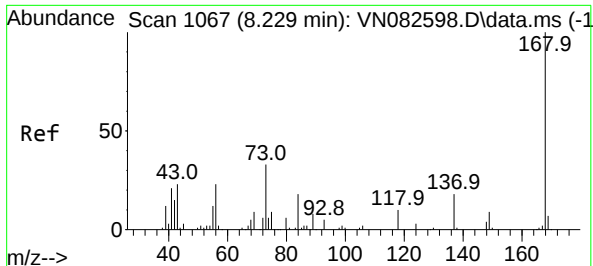
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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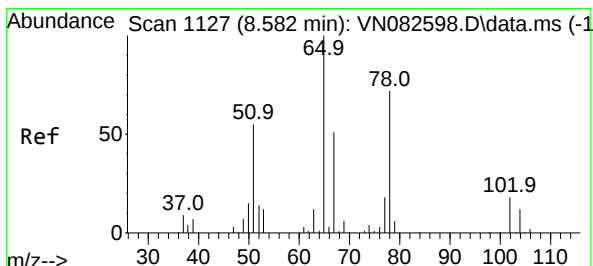
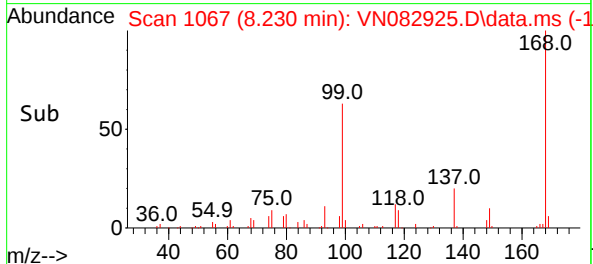
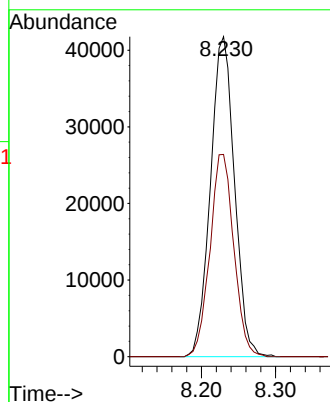
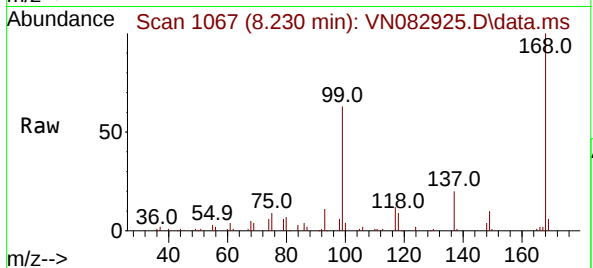




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082925.D
Acq: 15 Jul 2024 18:18

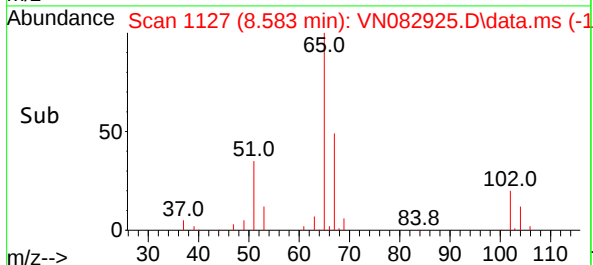
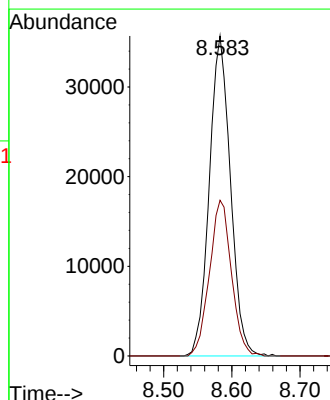
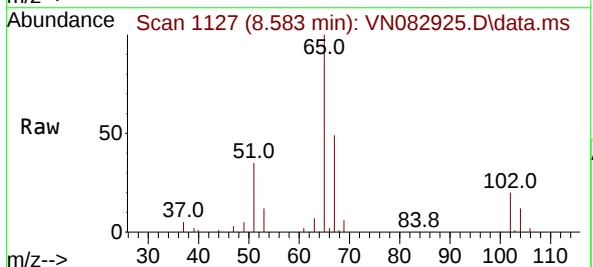
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6RE

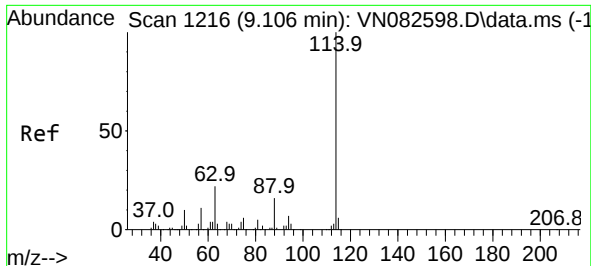
Tgt Ion:168 Resp: 94015
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.420 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082925.D
Acq: 15 Jul 2024 18:18

Tgt Ion: 65 Resp: 76992
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

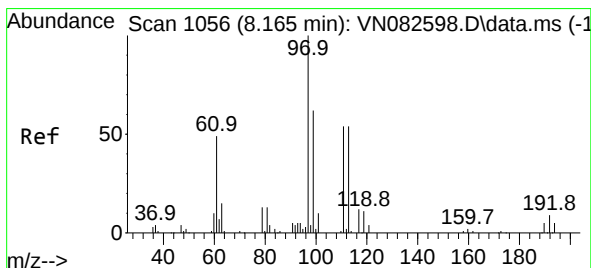
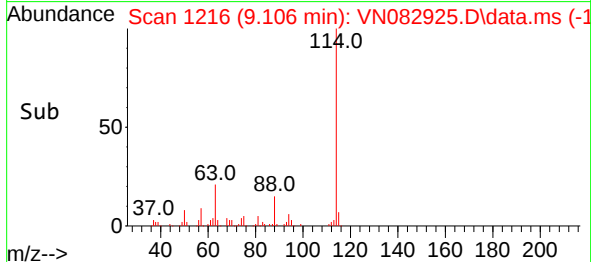
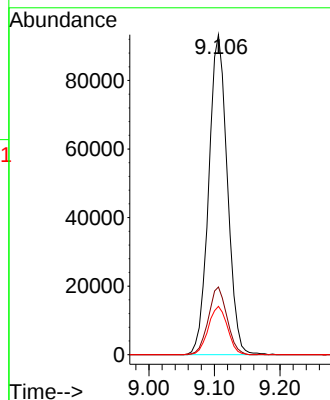
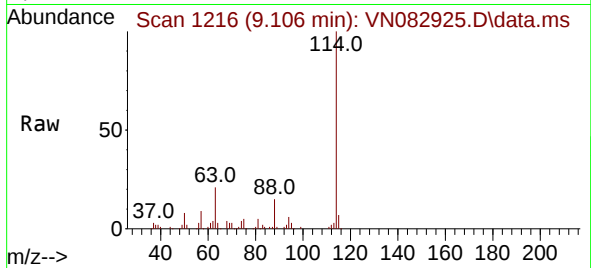




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082925.D
Acq: 15 Jul 2024 18:18

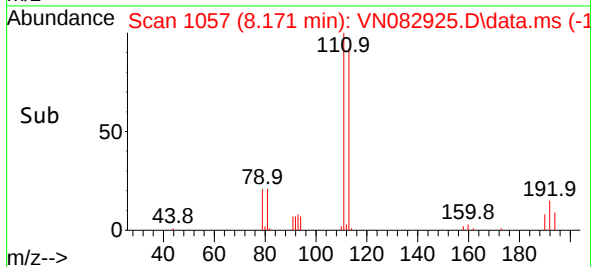
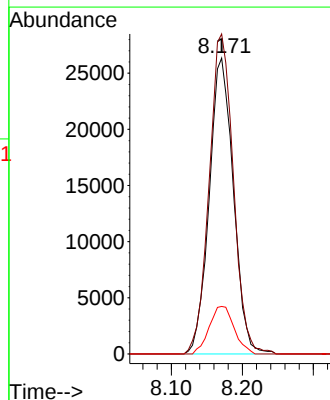
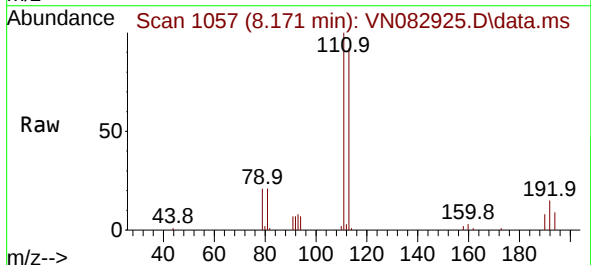
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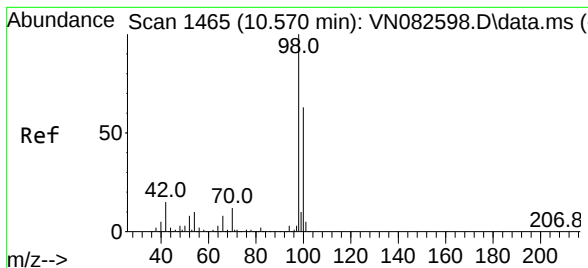
Tgt Ion:114 Resp: 183960
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.6
88 15.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.675 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082925.D
Acq: 15 Jul 2024 18:18

Tgt Ion:113 Resp: 62179
Ion Ratio Lower Upper
113 100
111 108.3 82.4 123.6
192 16.6 14.9 22.3

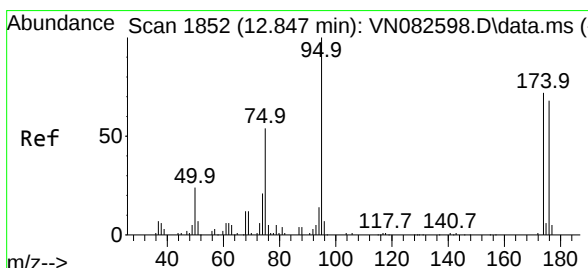
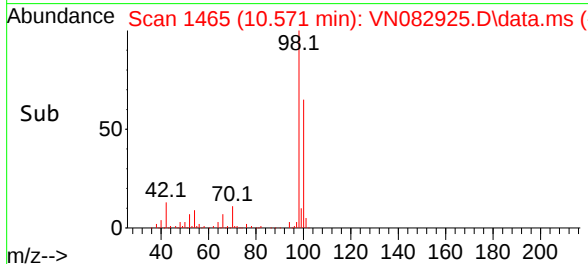
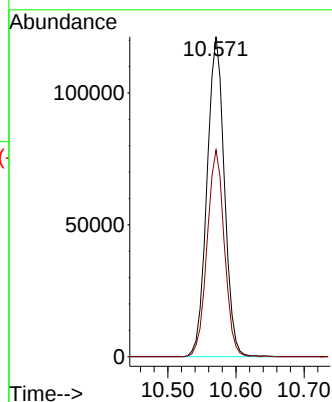
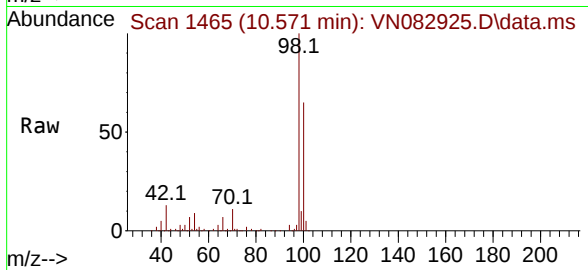




#50
Toluene-d8
Concen: 49.365 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082925.D
Acq: 15 Jul 2024 18:18

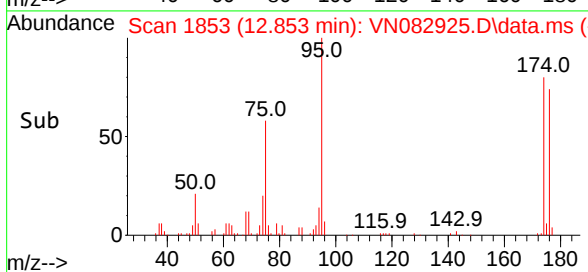
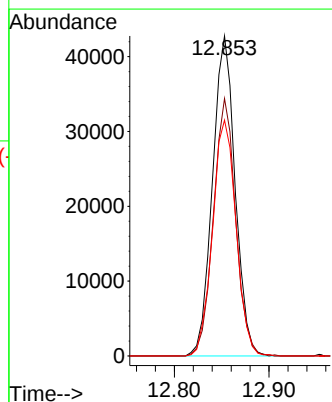
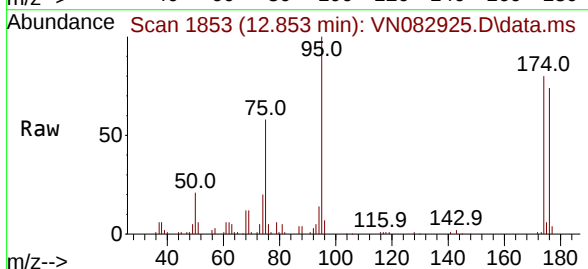
Instrument : MSVOA_N
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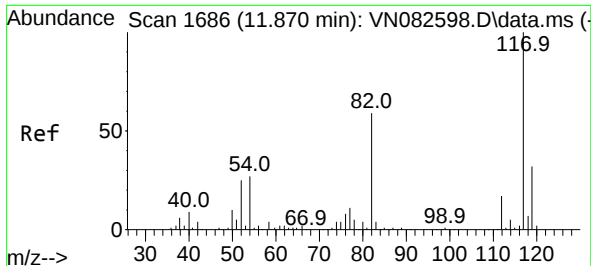
Tgt Ion: 98 Resp: 215226
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.370 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082925.D
Acq: 15 Jul 2024 18:18

Tgt Ion: 95 Resp: 71054
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 76.4 0.0 147.6

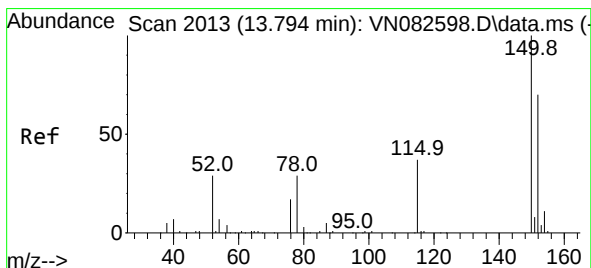
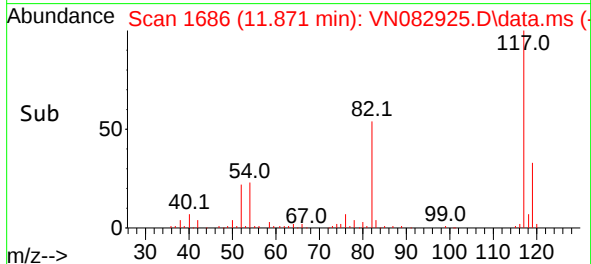
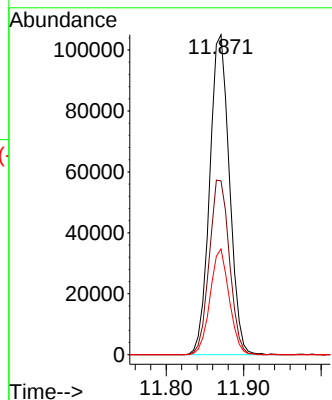
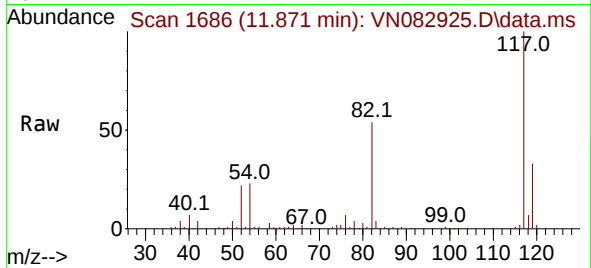




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082925.D
Acq: 15 Jul 2024 18:18

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6RE

Tgt Ion:117 Resp: 185805
Ion Ratio Lower Upper
117 100
82 54.3 47.5 71.3
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082925.D
Acq: 15 Jul 2024 18:18

Tgt Ion:152 Resp: 77022
Ion Ratio Lower Upper
152 100
115 60.5 30.6 91.6
150 156.3 0.0 348.6

