

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080281.D
 Acq On : 27 Nov 2023 17:35
 Operator : JC\MD
 Sample : 05543-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 28 02:10:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136946	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146866	54.161	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.320%
35) Dibromofluoromethane	8.171	113	116372	53.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.520%
50) Toluene-d8	10.571	98	394971	50.621	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.853	95	150373	51.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.040%

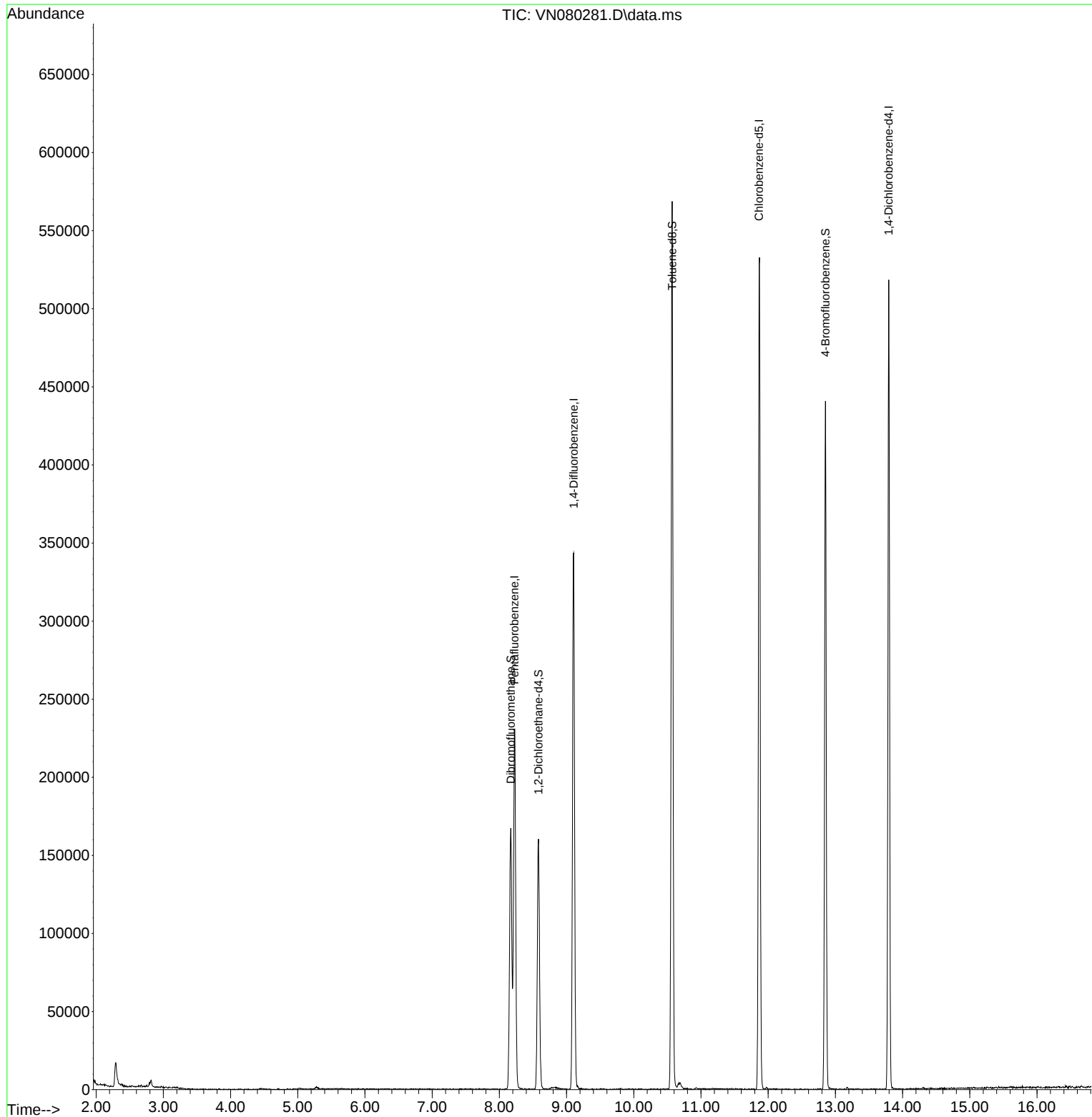
Target Compounds	Qvalue

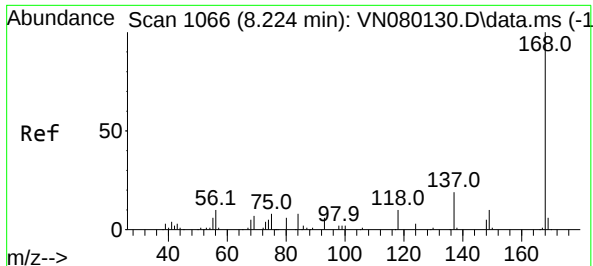
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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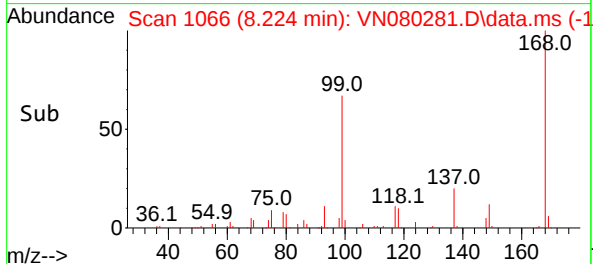
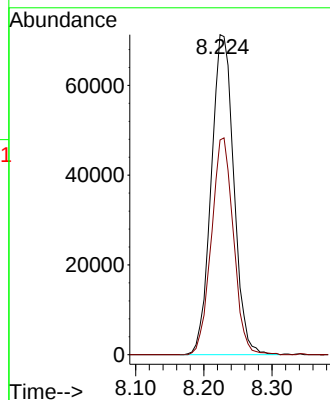
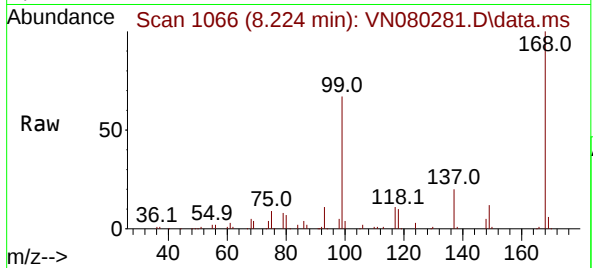




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

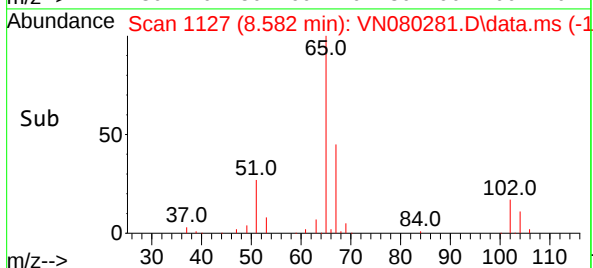
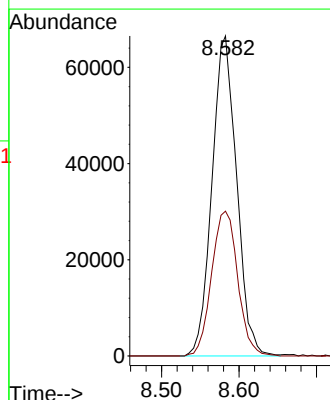
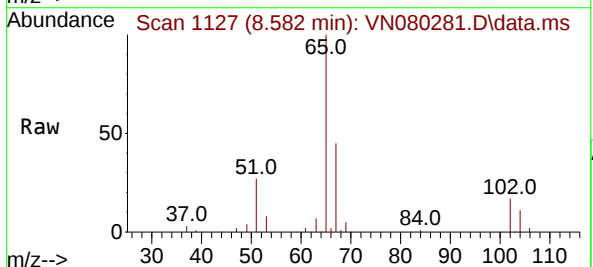
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 164229
Ion Ratio Lower Upper
168 100
99 67.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.161 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Tgt Ion: 65 Resp: 146866
Ion Ratio Lower Upper
65 100
67 48.0 0.0 106.6

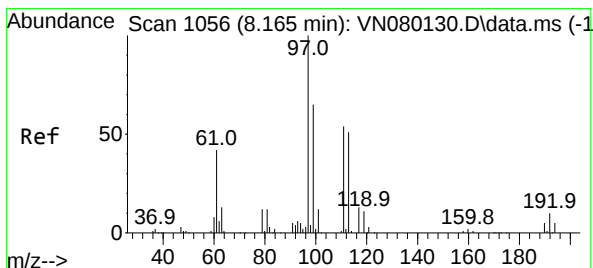
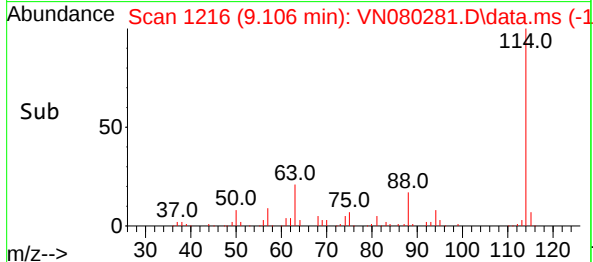
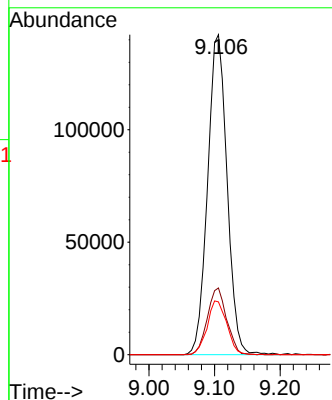
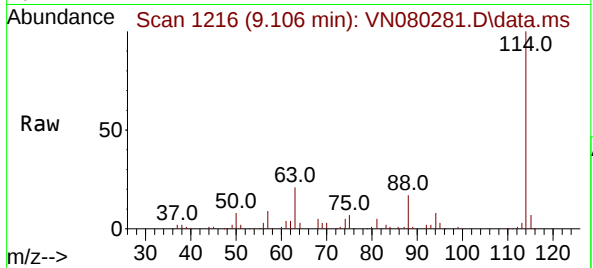




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

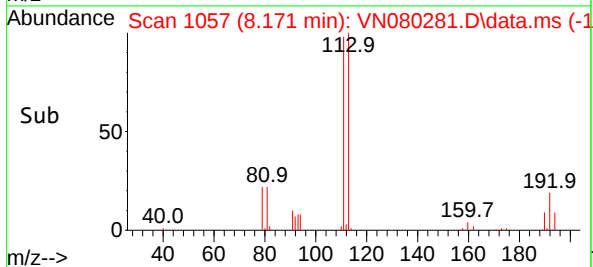
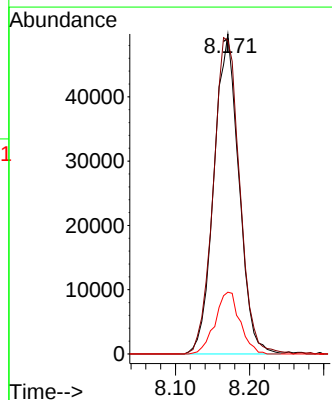
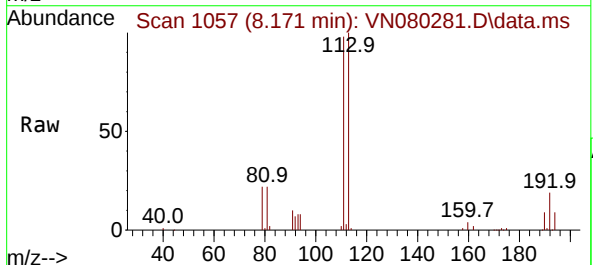
Instrument :
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ClientSampleId :
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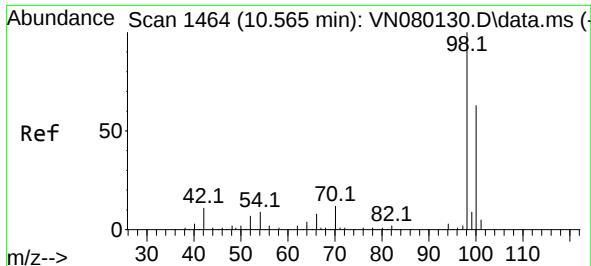
Tgt Ion:114 Resp: 293344
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.764 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Tgt Ion:113 Resp: 116372
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 19.3 12.7 19.1#

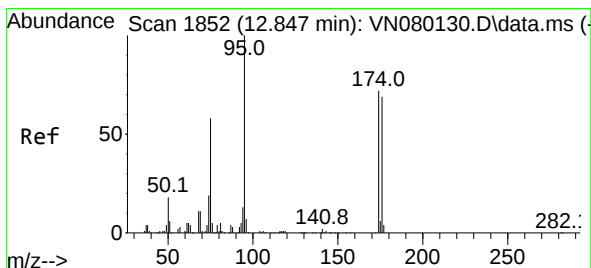
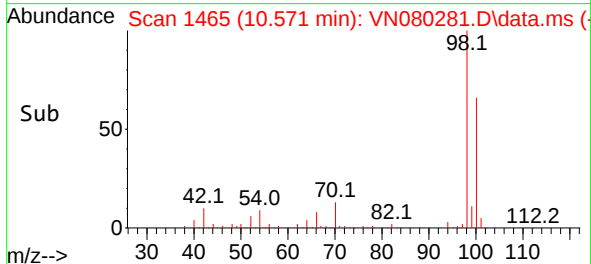
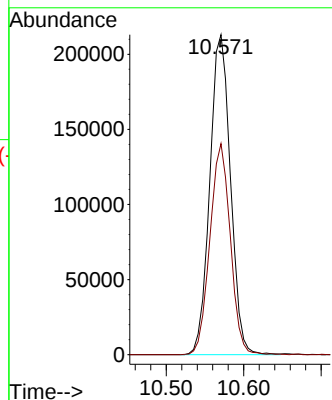
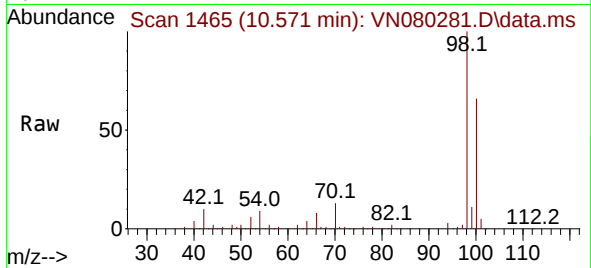




#50
Toluene-d8
Concen: 50.621 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

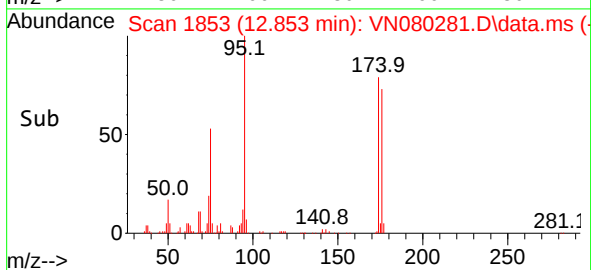
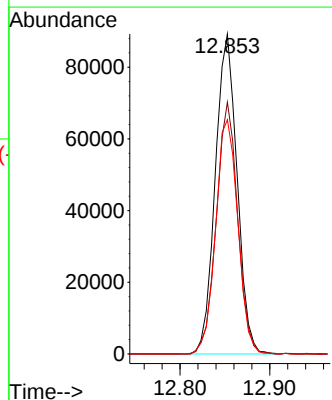
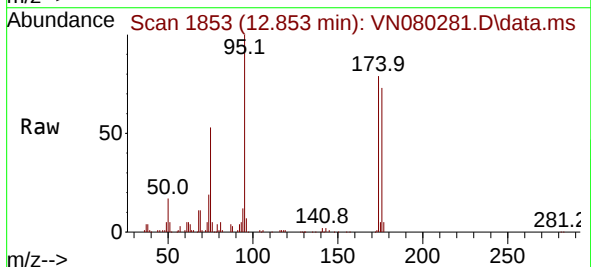
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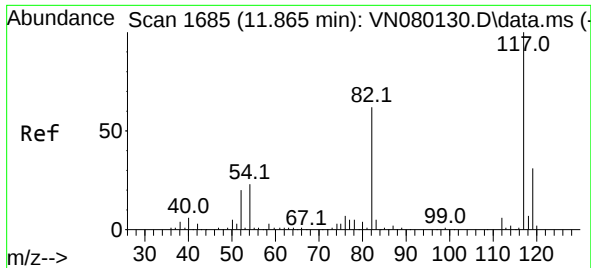
Tgt Ion: 98 Resp: 394971
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.023 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

Tgt Ion: 95 Resp: 150373
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 74.7 0.0 135.8

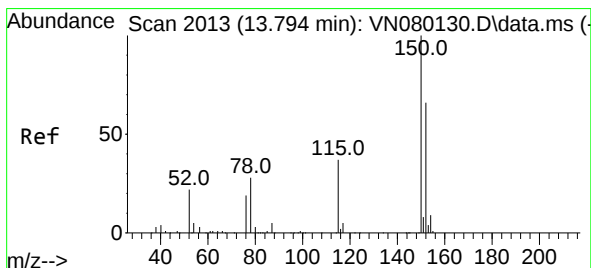
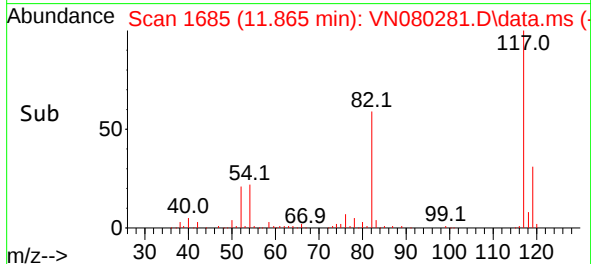
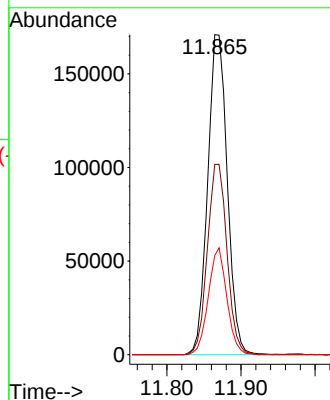
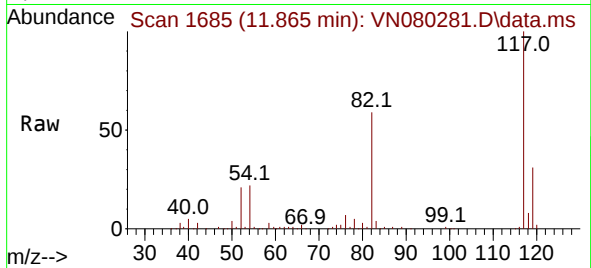




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080281.D
Acq: 27 Nov 2023 17:35

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

Tgt Ion:117 Resp: 314313
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.0 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: VN080281.D
Acq: 27 Nov 2023 17:35

Tgt Ion:152 Resp: 136946
Ion Ratio Lower Upper
152 100
115 67.0 32.3 96.8
150 157.6 0.0 355.8

