

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083003.D
 Acq On : 22 Jul 2024 14:47
 Operator : JC\MD
 Sample : P3323-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 23 03:50:54 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	8.229	168	72465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	142623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	143309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	57560	56.664	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.320%
35) Dibromofluoromethane	8.171	113	48529	53.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.060%
50) Toluene-d8	10.570	98	169008	50.000	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	54777	45.114	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.220%

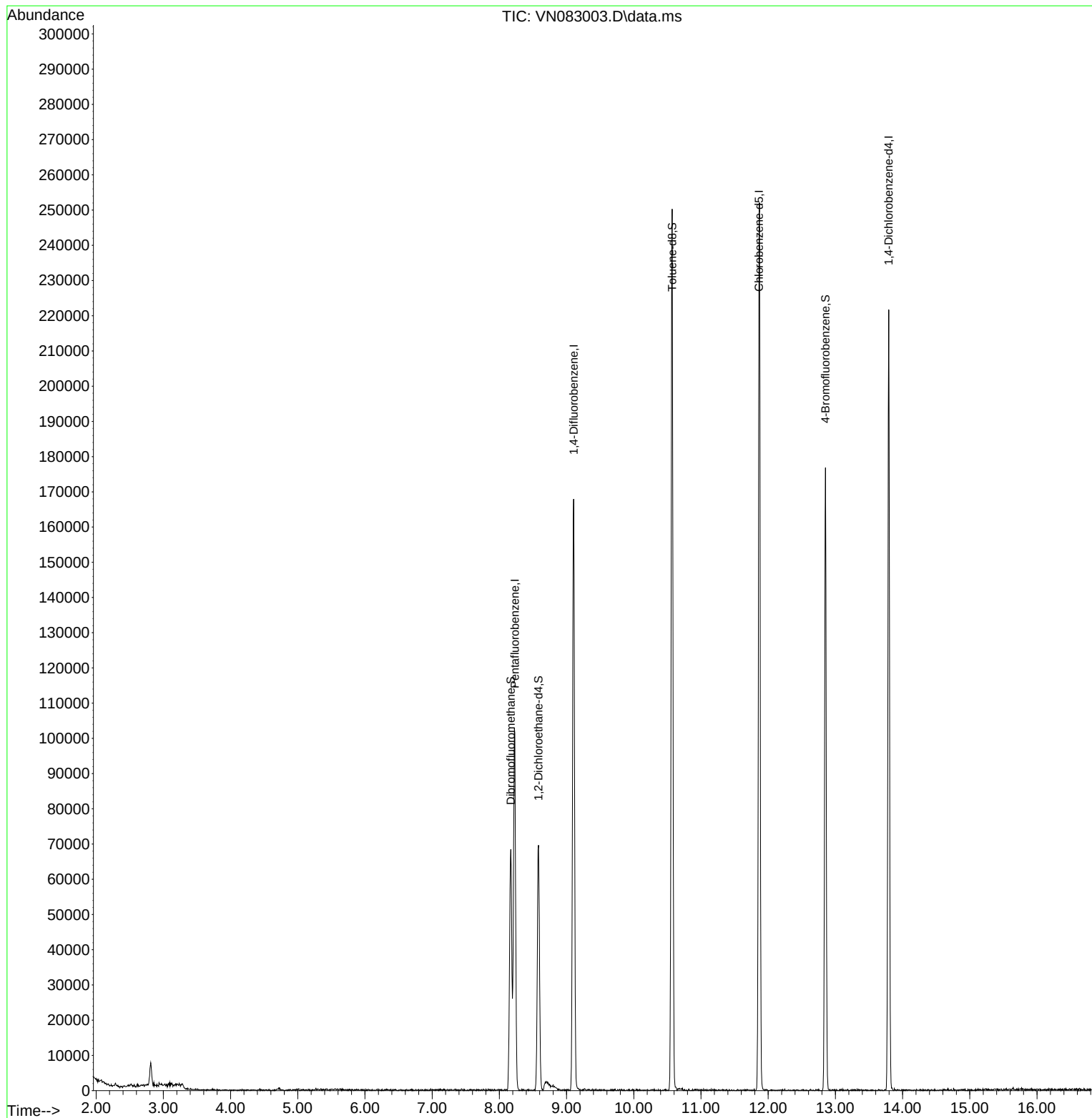
Target Compounds	Qvalue

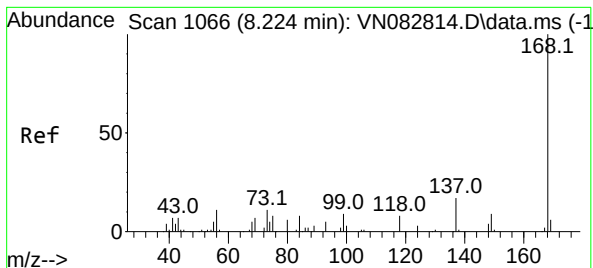
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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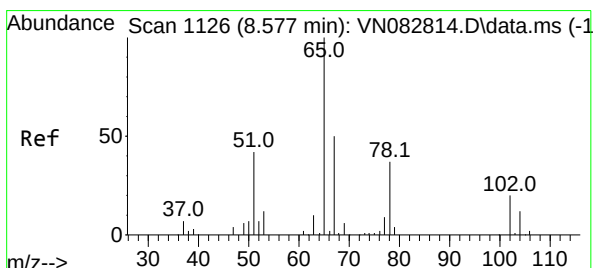
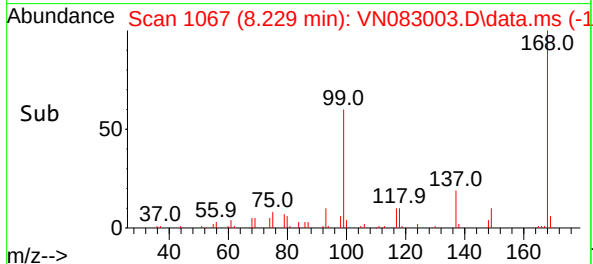
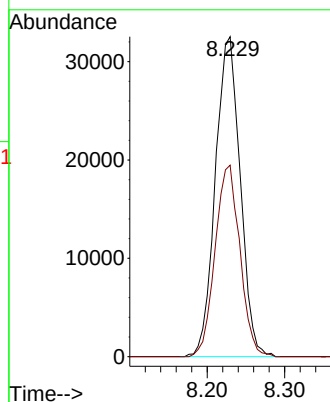
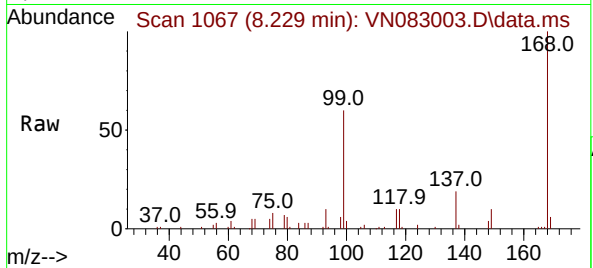




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

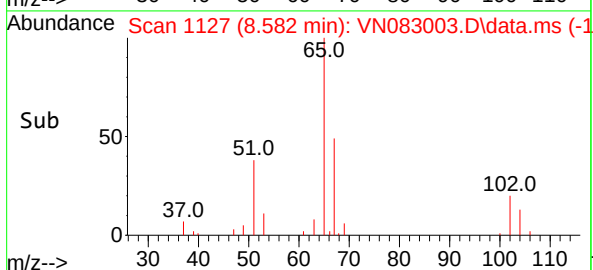
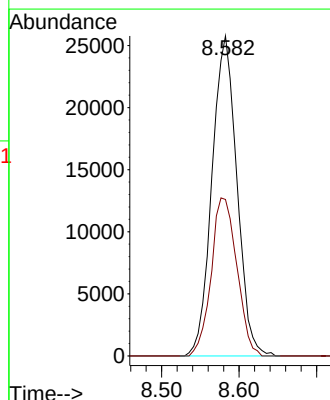
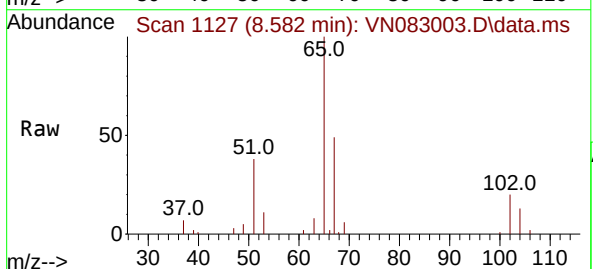
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

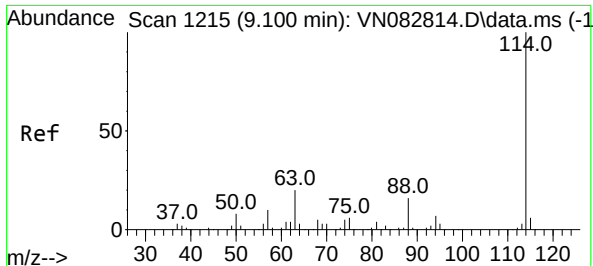
Tgt Ion:168 Resp: 72465
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.664 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

Tgt Ion: 65 Resp: 57560
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083003.D

Acq: 22 Jul 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

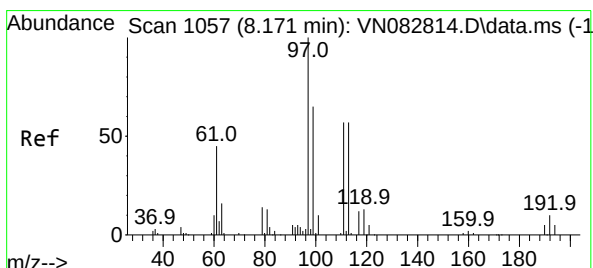
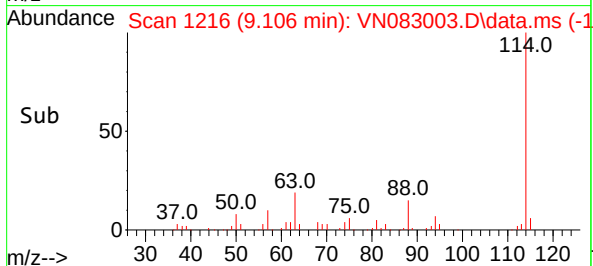
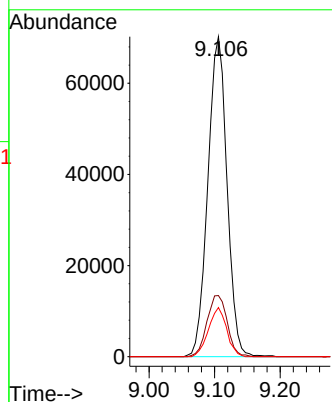
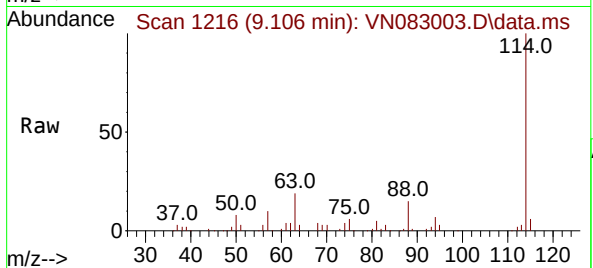
Tgt Ion:114 Resp: 142623

Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.027 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083003.D

Acq: 22 Jul 2024 14:47

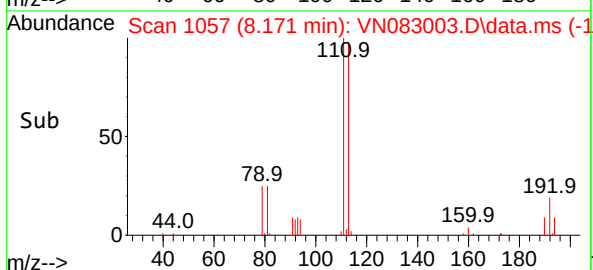
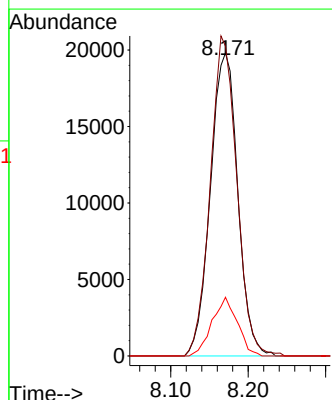
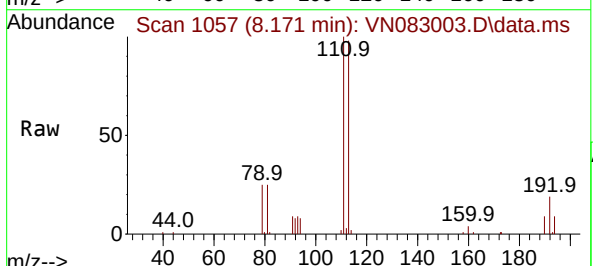
Tgt Ion:113 Resp: 48529

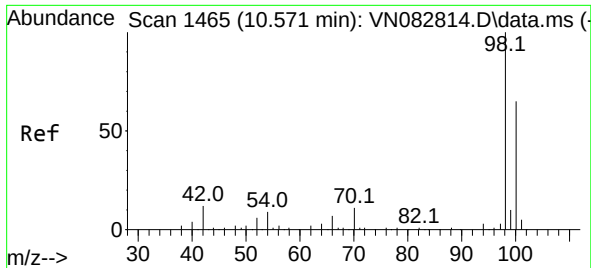
Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 18.0 14.9 22.3

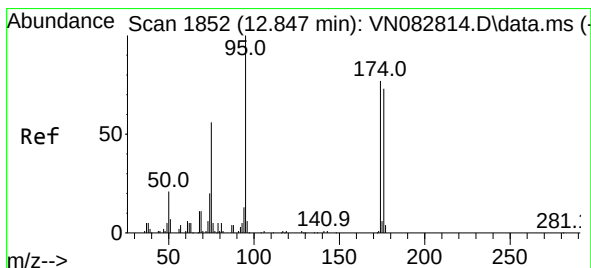
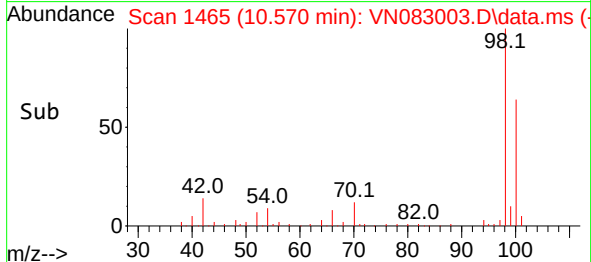
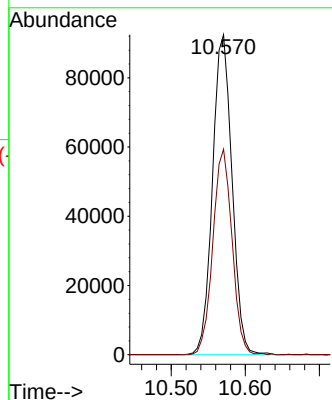
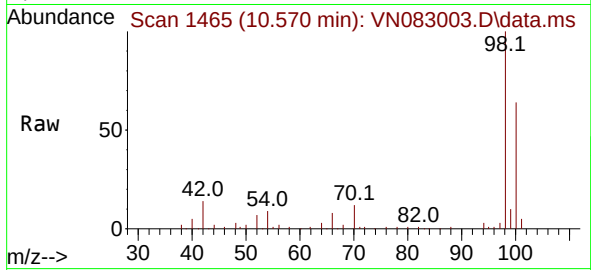




#50
Toluene-d8
Concen: 50.000 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

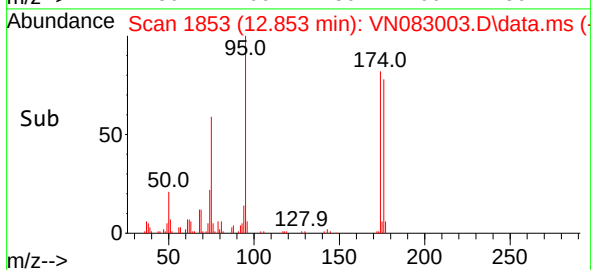
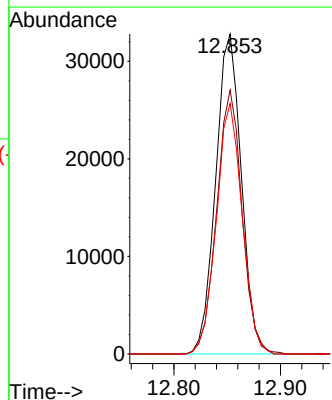
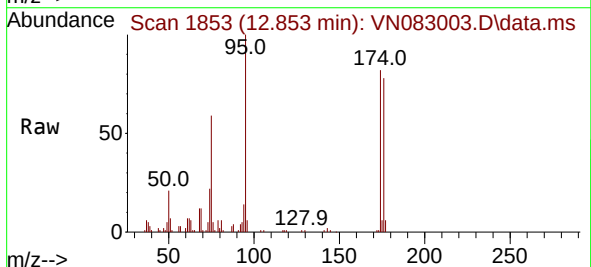
Instrument :
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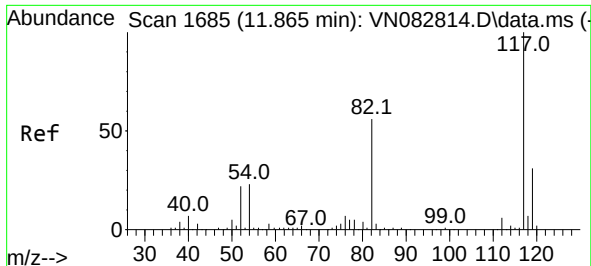
Tgt Ion: 98 Resp: 169008
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.114 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

Tgt Ion: 95 Resp: 54777
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.2
176 79.0 0.0 147.6

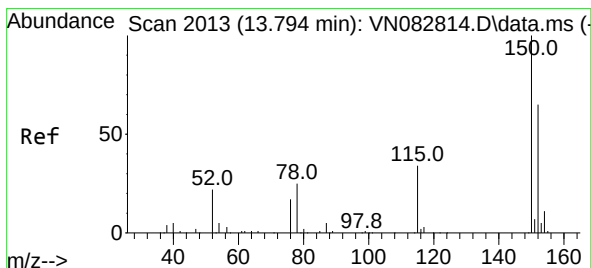
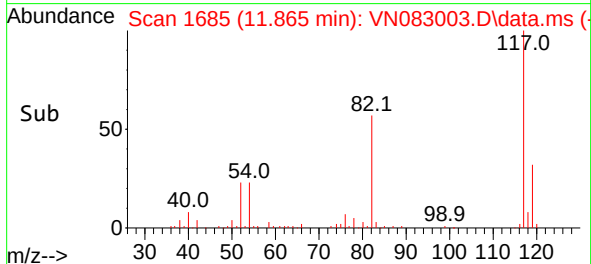
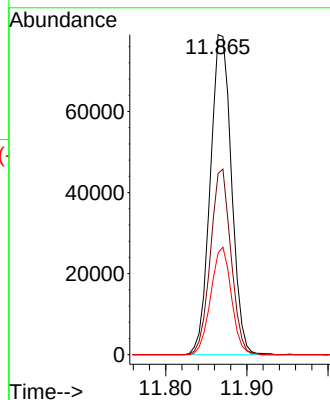
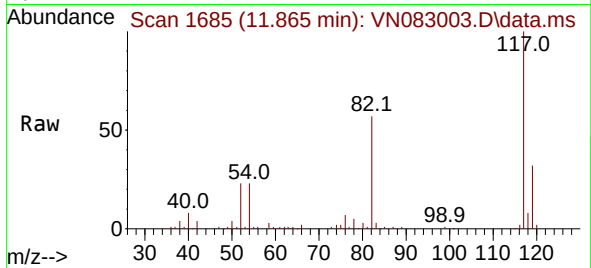




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

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

Tgt Ion:117 Resp: 143309
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 31.8 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: VN083003.D
Acq: 22 Jul 2024 14:47

Tgt Ion:152 Resp: 57705
Ion Ratio Lower Upper
152 100
115 59.6 30.6 91.6
150 157.5 0.0 348.6

