

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081343.D
 Acq On : 08 Mar 2024 13:50
 Operator : JC\MD
 Sample : P1717-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 09 00:57:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	293298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	471250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185099	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223048	52.596	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.200%
35) Dibromofluoromethane	8.171	113	175602	52.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.800%
50) Toluene-d8	10.571	98	655675	52.835	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.660%
62) 4-Bromofluorobenzene	12.853	95	203722	46.446	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.900%

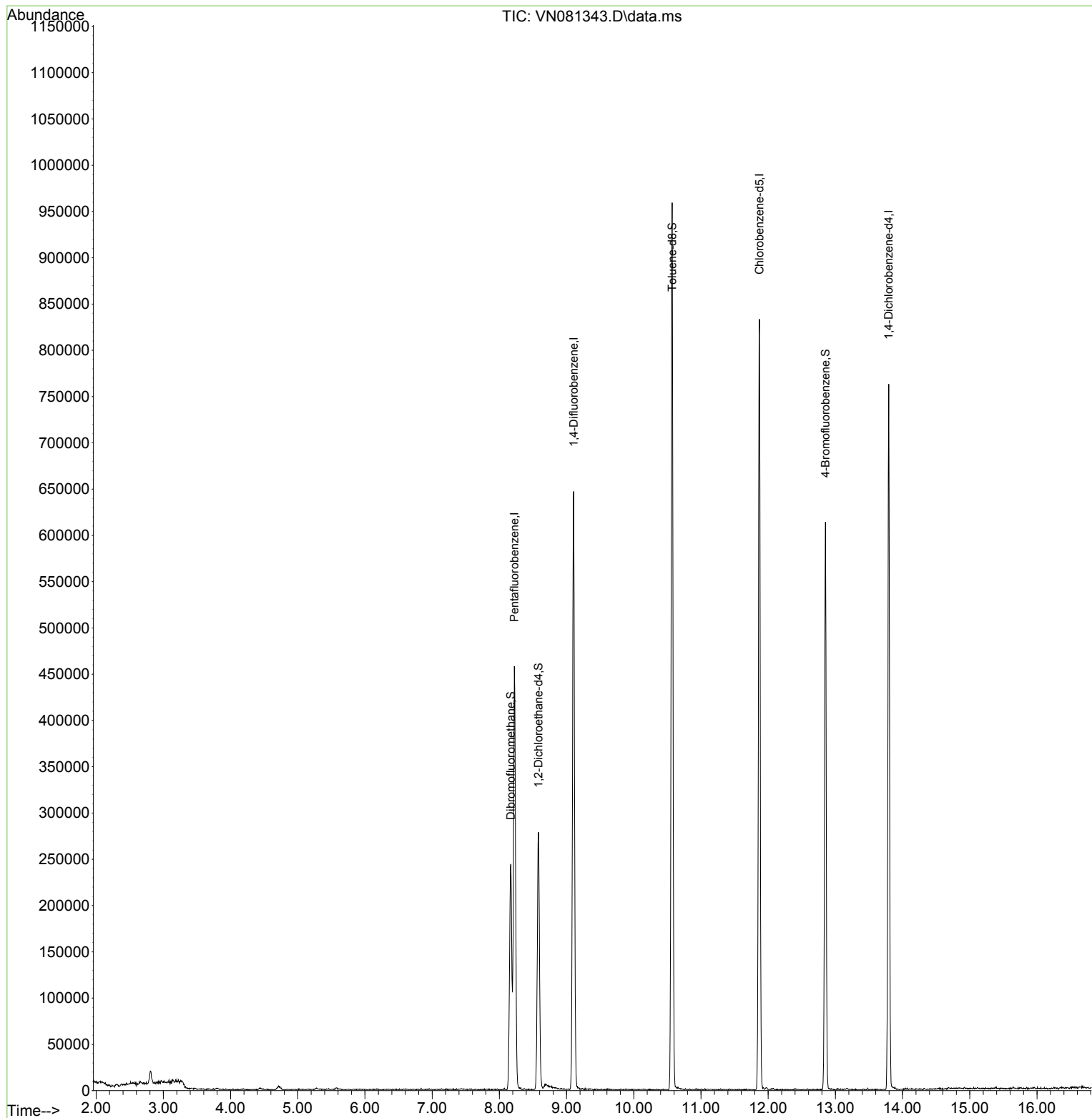
Target Compounds	Qvalue

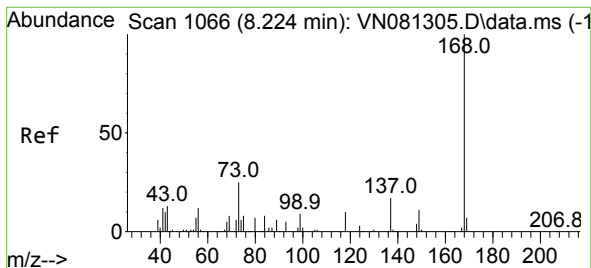
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN081343.D

Acq: 08 Mar 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

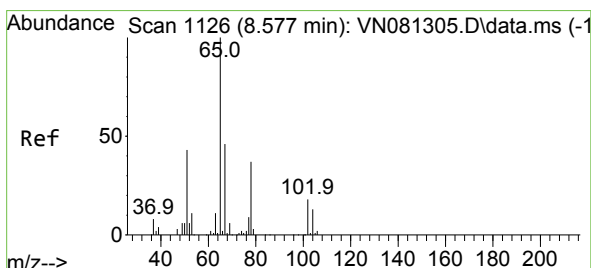
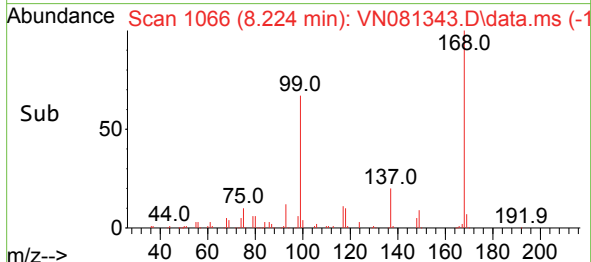
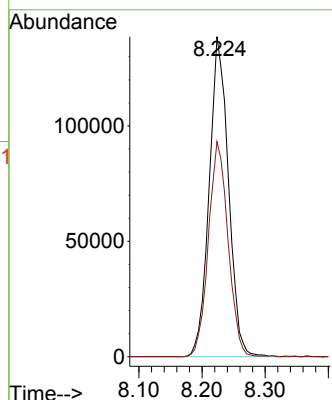
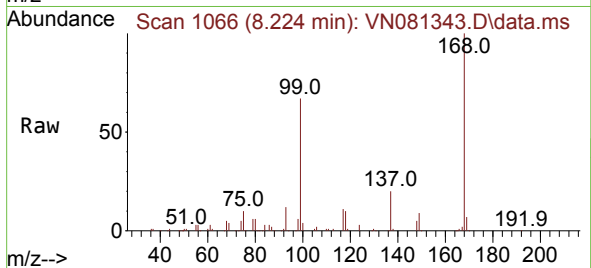
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 293298

Ion Ratio Lower Upper

168 100

99 67.2 59.9 89.9



#33

1,2-Dichloroethane-d4

Concen: 52.596 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081343.D

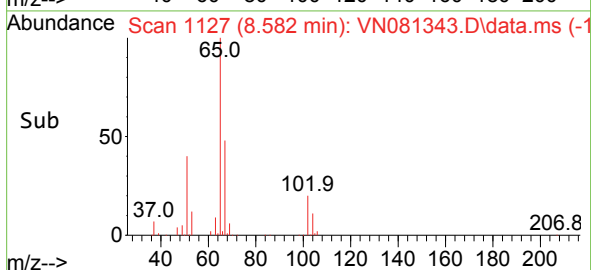
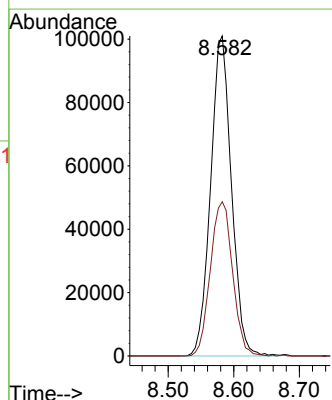
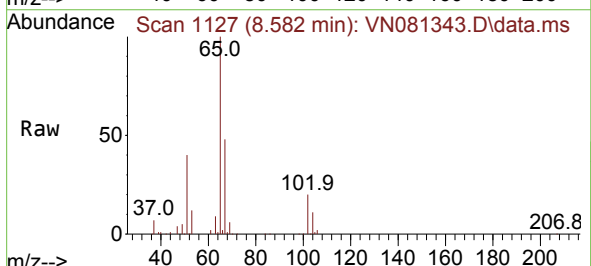
Acq: 08 Mar 2024 13:50

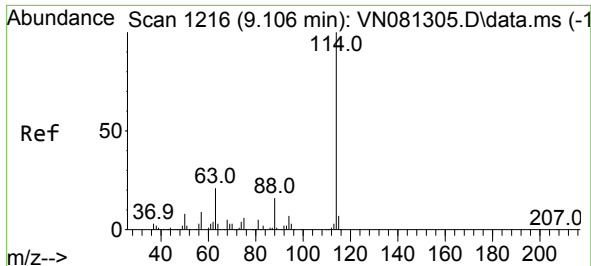
Tgt Ion: 65 Resp: 223048

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4

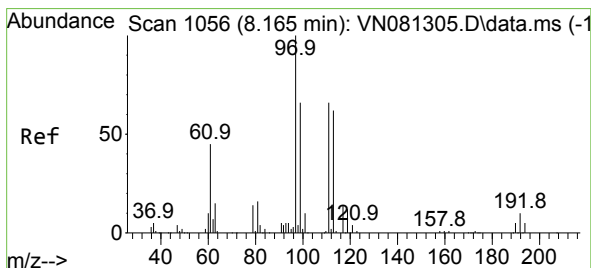
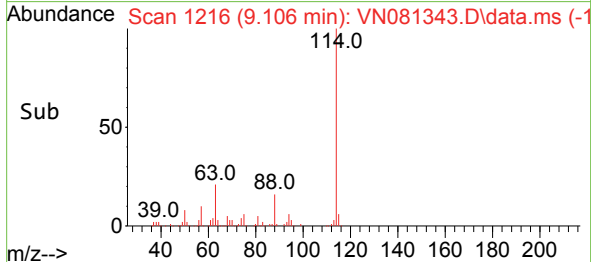
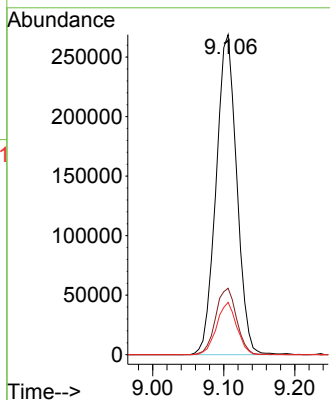
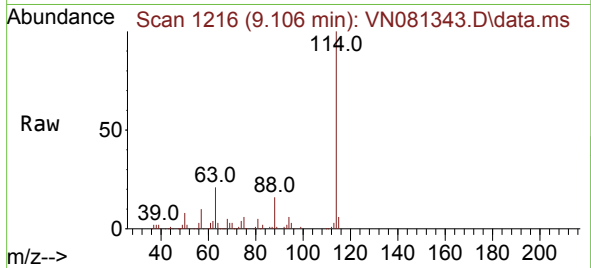




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

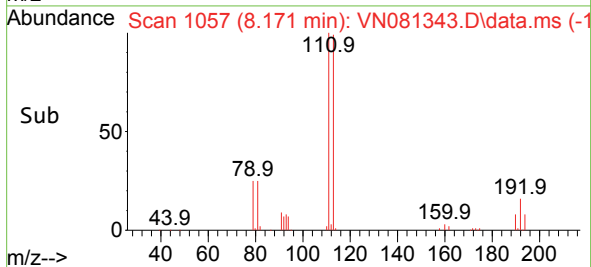
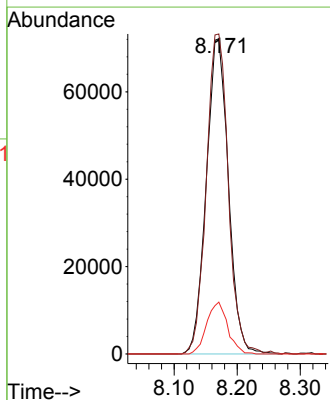
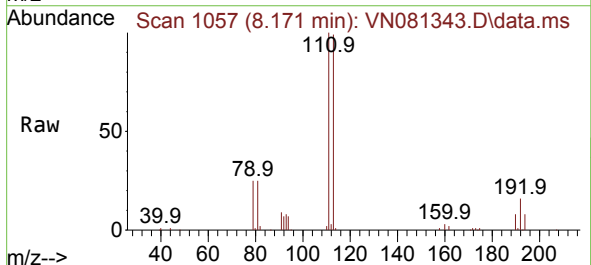
Instrument :
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STORAGE-BLANK-SOIL-REF-6

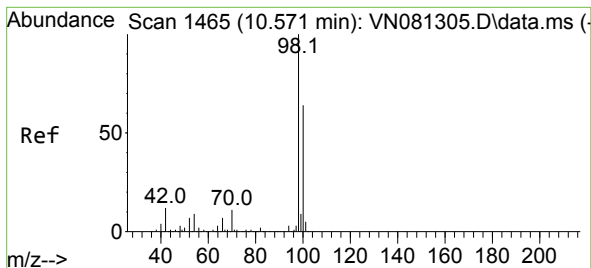
Tgt Ion:114 Resp: 541851
Ion Ratio Lower Upper
114 100
63 20.8 0.0 48.0
88 16.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.896 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

Tgt Ion:113 Resp: 175602
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 15.6 12.5 18.7





#50

Toluene-d8

Concen: 52.835 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081343.D

Acq: 08 Mar 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

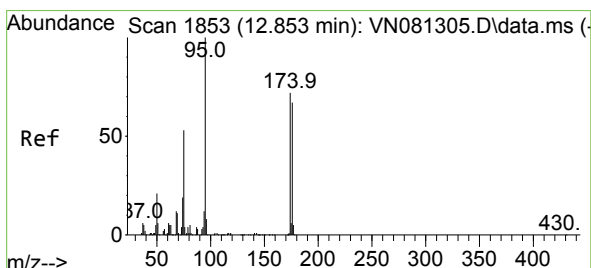
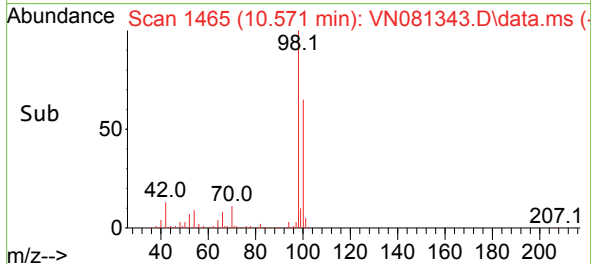
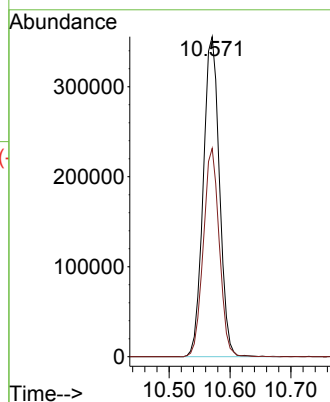
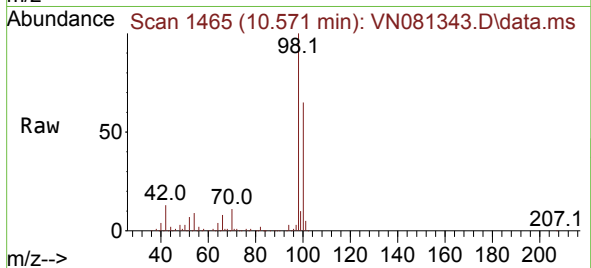
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 655675

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 46.446 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN081343.D

Acq: 08 Mar 2024 13:50

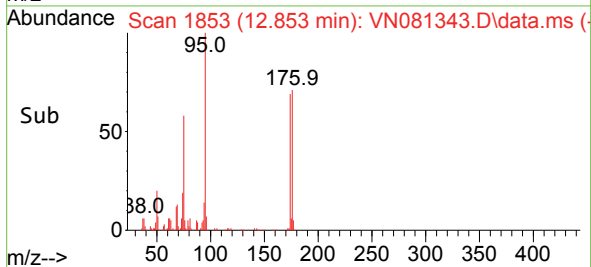
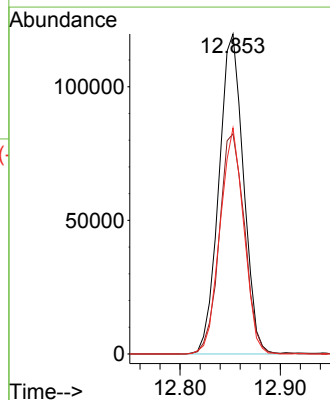
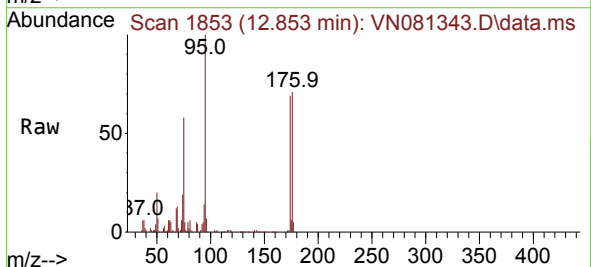
Tgt Ion: 95 Resp: 203722

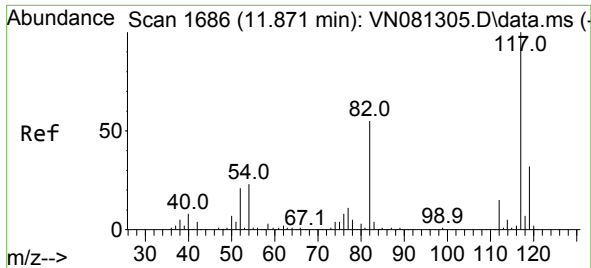
Ion Ratio Lower Upper

95 100

174 70.9 0.0 120.4

176 68.4 0.0 121.0

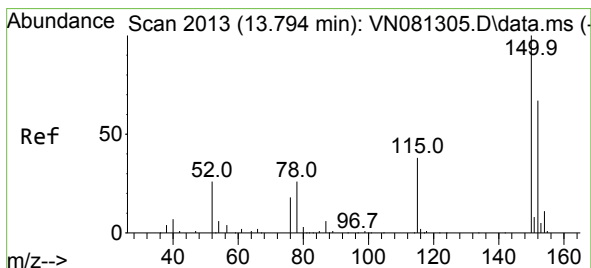
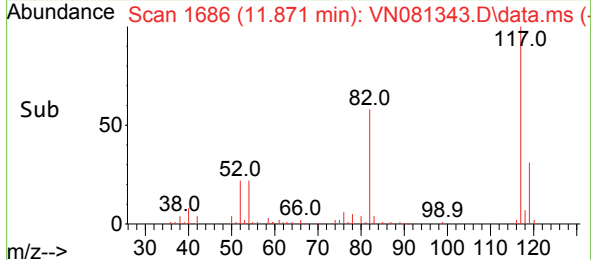
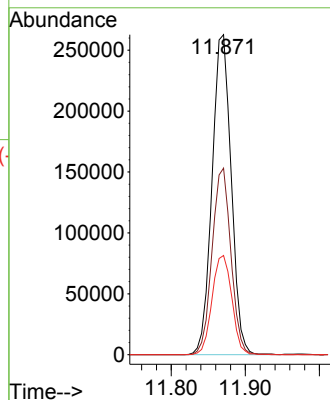
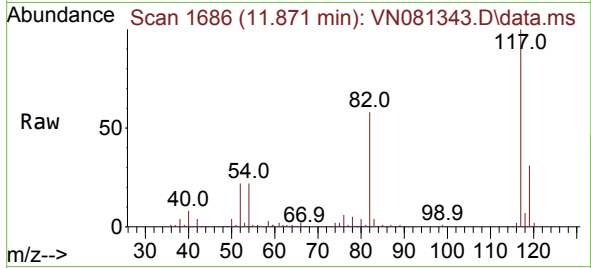




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

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

Tgt Ion:117 Resp: 471250
Ion Ratio Lower Upper
117 100
82 58.3 52.7 79.1
119 31.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

Tgt Ion:152 Resp: 185099
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 160.3 0.0 339.8

