

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081440.D
 Acq On : 15 Mar 2024 21:17
 Operator : JC\MD
 Sample : P1782-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 15 23:40:18 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	302670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	542877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	470236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230343	52.635	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.260%
35) Dibromofluoromethane	8.165	113	180570	54.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.580%
50) Toluene-d8	10.571	98	649186	52.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.853	95	197023	44.834	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.660%

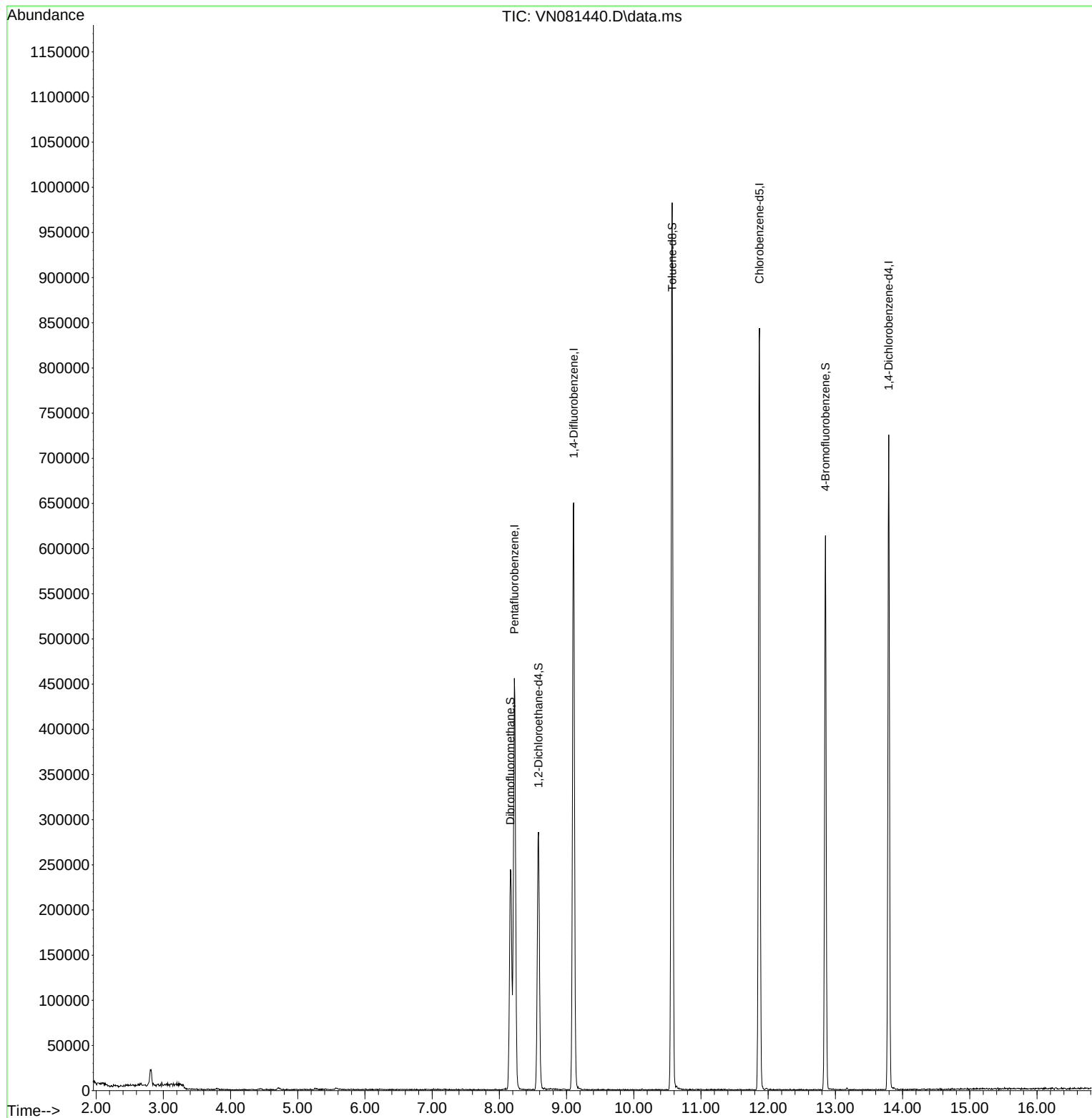
Target Compounds	Qvalue

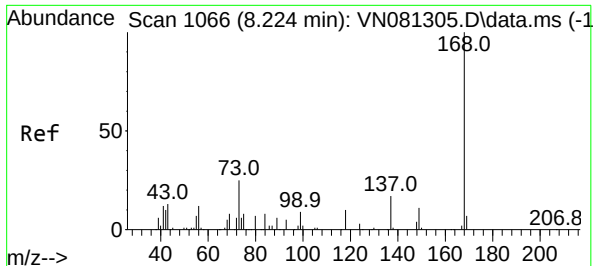
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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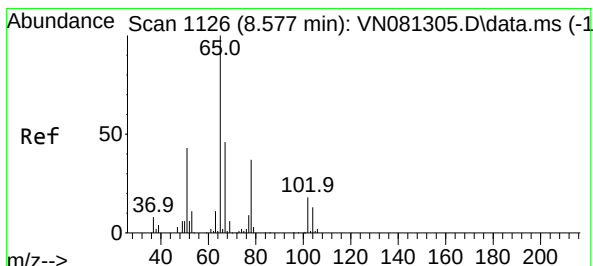
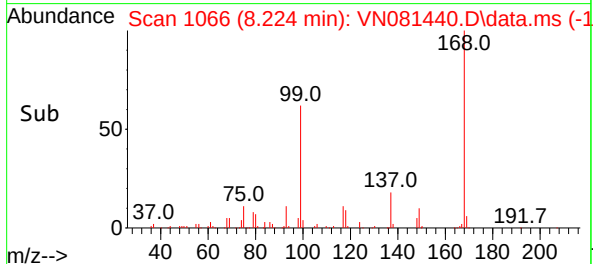
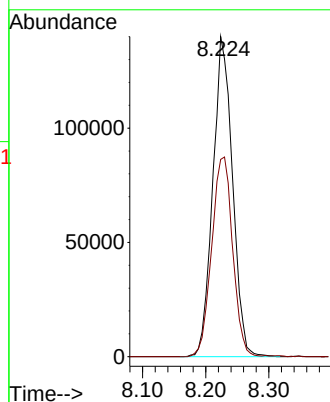
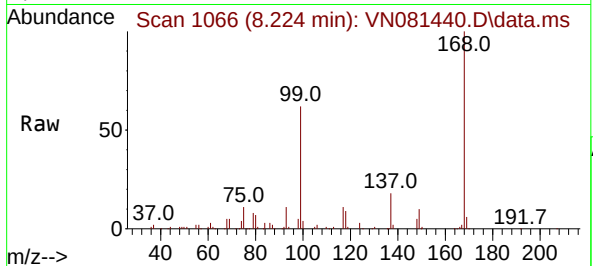




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

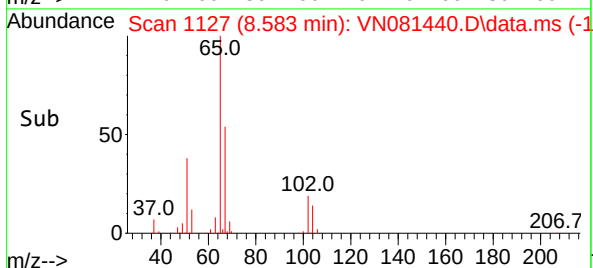
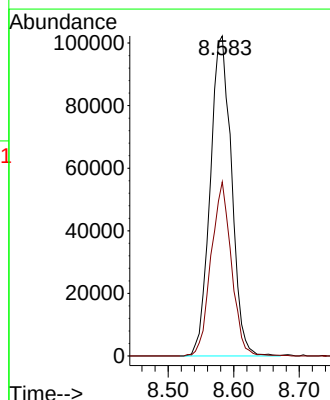
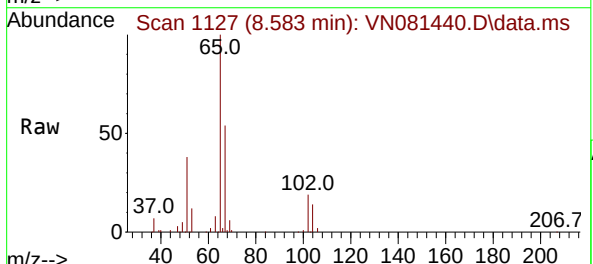
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

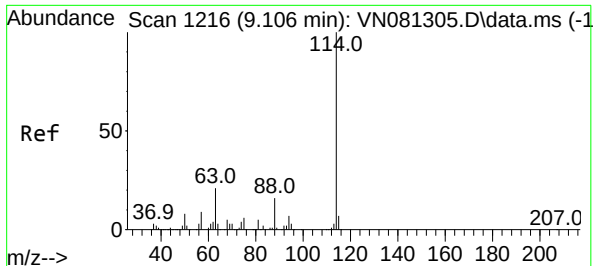
Tgt Ion:168 Resp: 302670
Ion Ratio Lower Upper
168 100
99 61.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 52.635 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

Tgt Ion: 65 Resp: 230343
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

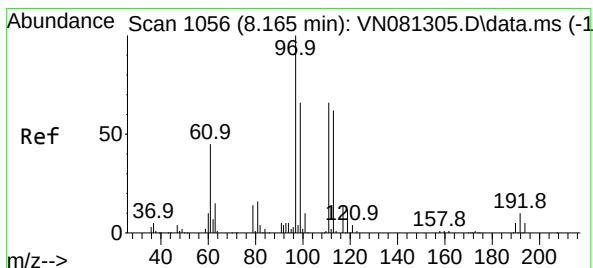
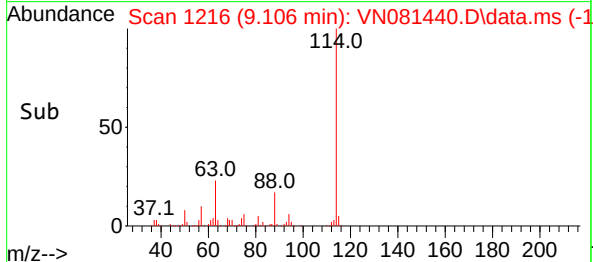
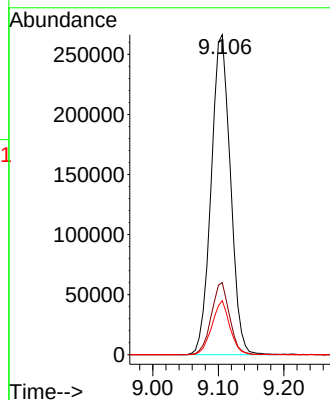
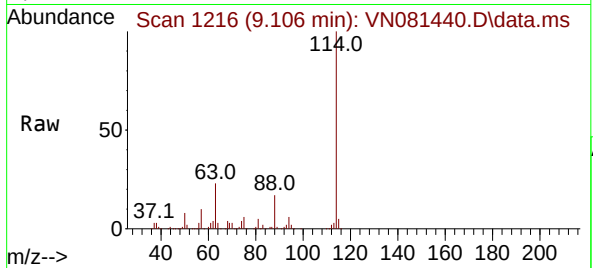




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

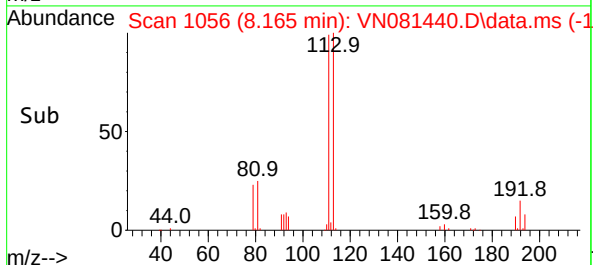
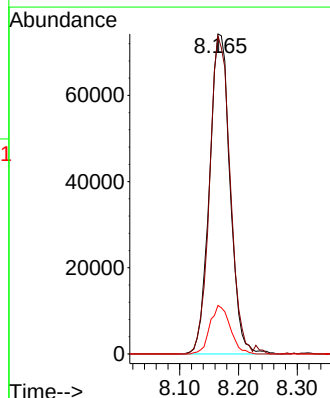
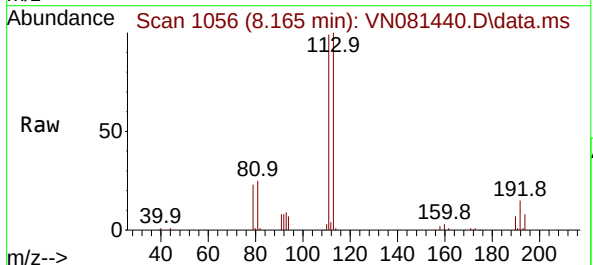
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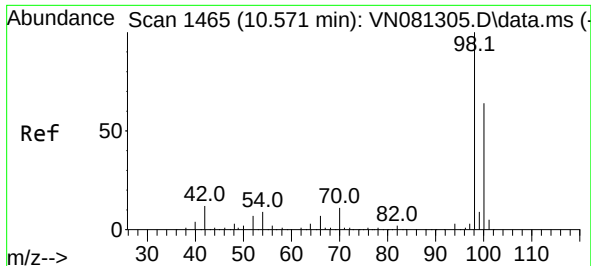
Tgt Ion:114 Resp: 542877
Ion Ratio Lower Upper
114 100
63 22.5 0.0 48.0
88 16.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 54.290 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

Tgt Ion:113 Resp: 180570
Ion Ratio Lower Upper
113 100
111 99.0 82.2 123.4
192 14.9 12.5 18.7

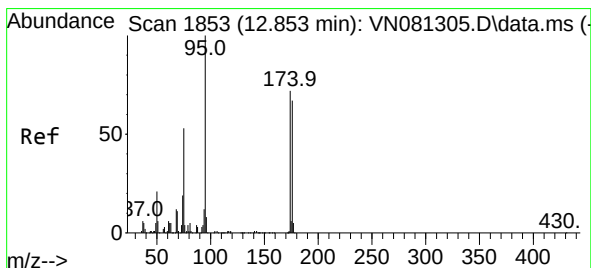
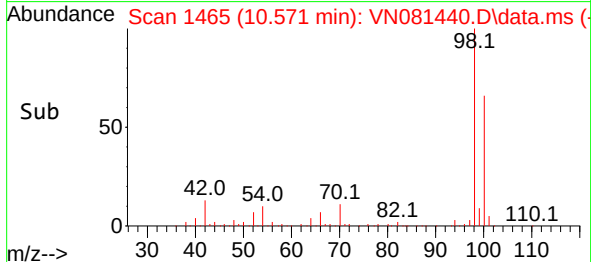
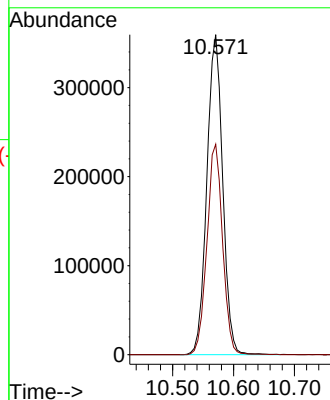
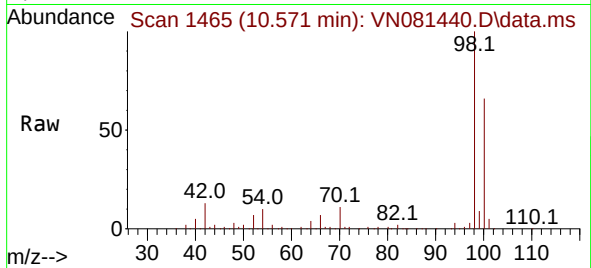




#50
Toluene-d8
Concen: 52.213 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

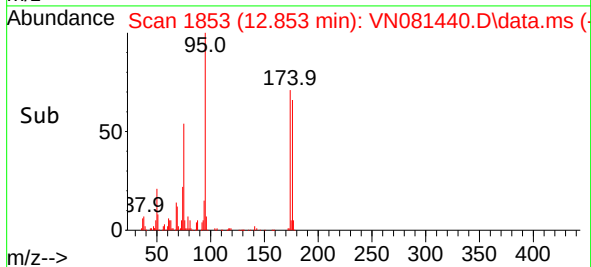
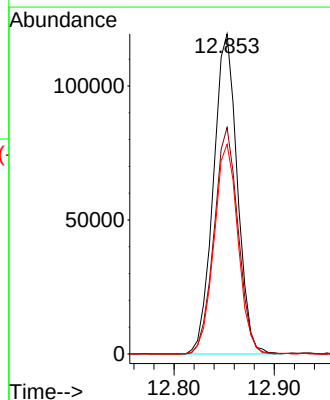
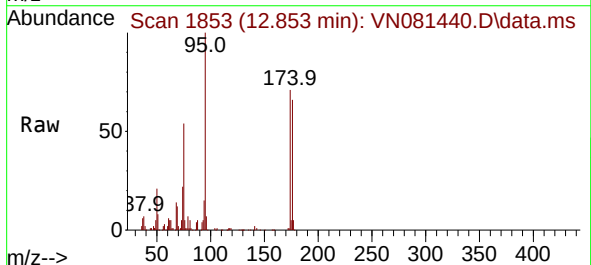
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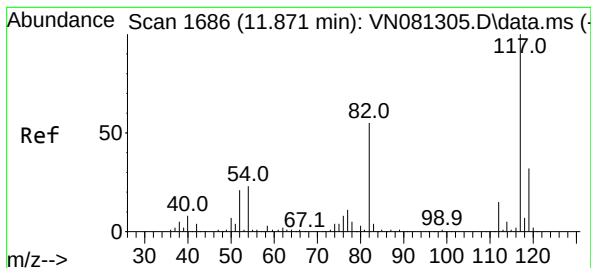
Tgt Ion: 98 Resp: 649186
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.834 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081440.D
Acq: 15 Mar 2024 21:17

Tgt Ion: 95 Resp: 197023
Ion Ratio Lower Upper
95 100
174 71.1 0.0 120.4
176 66.0 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081440.D

Acq: 15 Mar 2024 21:17

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

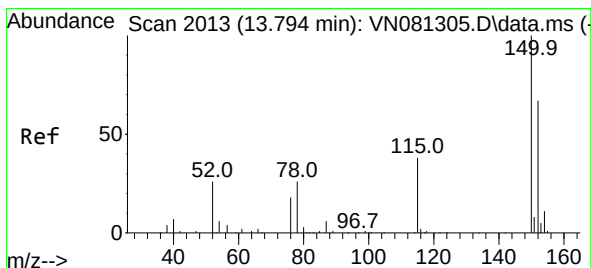
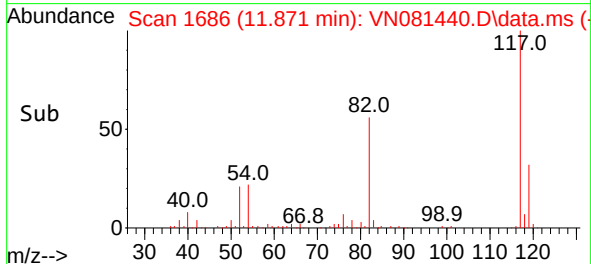
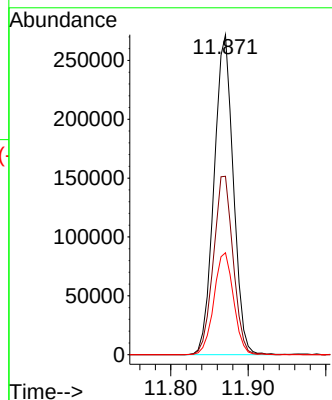
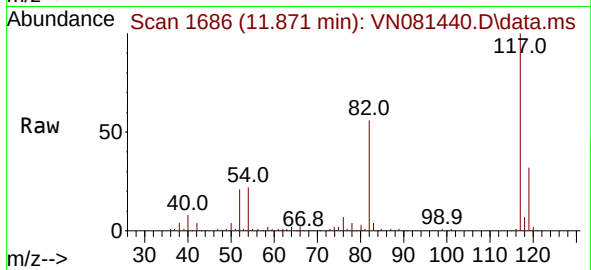
Tgt Ion:117 Resp: 470236

Ion Ratio Lower Upper

117 100

82 55.7 52.7 79.1

119 31.9 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: VN081440.D

Acq: 15 Mar 2024 21:17

Tgt Ion:152 Resp: 176000

Ion Ratio Lower Upper

152 100

115 67.0 32.3 96.8

150 158.6 0.0 339.8

