

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081060.D
 Acq On : 16 Feb 2024 18:06
 Operator : JC\MD
 Sample : P1519-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 16 23:49:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	360616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	673747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	573264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	220180	49.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.620%
35) Dibromofluoromethane	8.171	113	188183	49.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	10.571	98	638493	47.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.380%
62) 4-Bromofluorobenzene	12.853	95	235963	46.408	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.820%

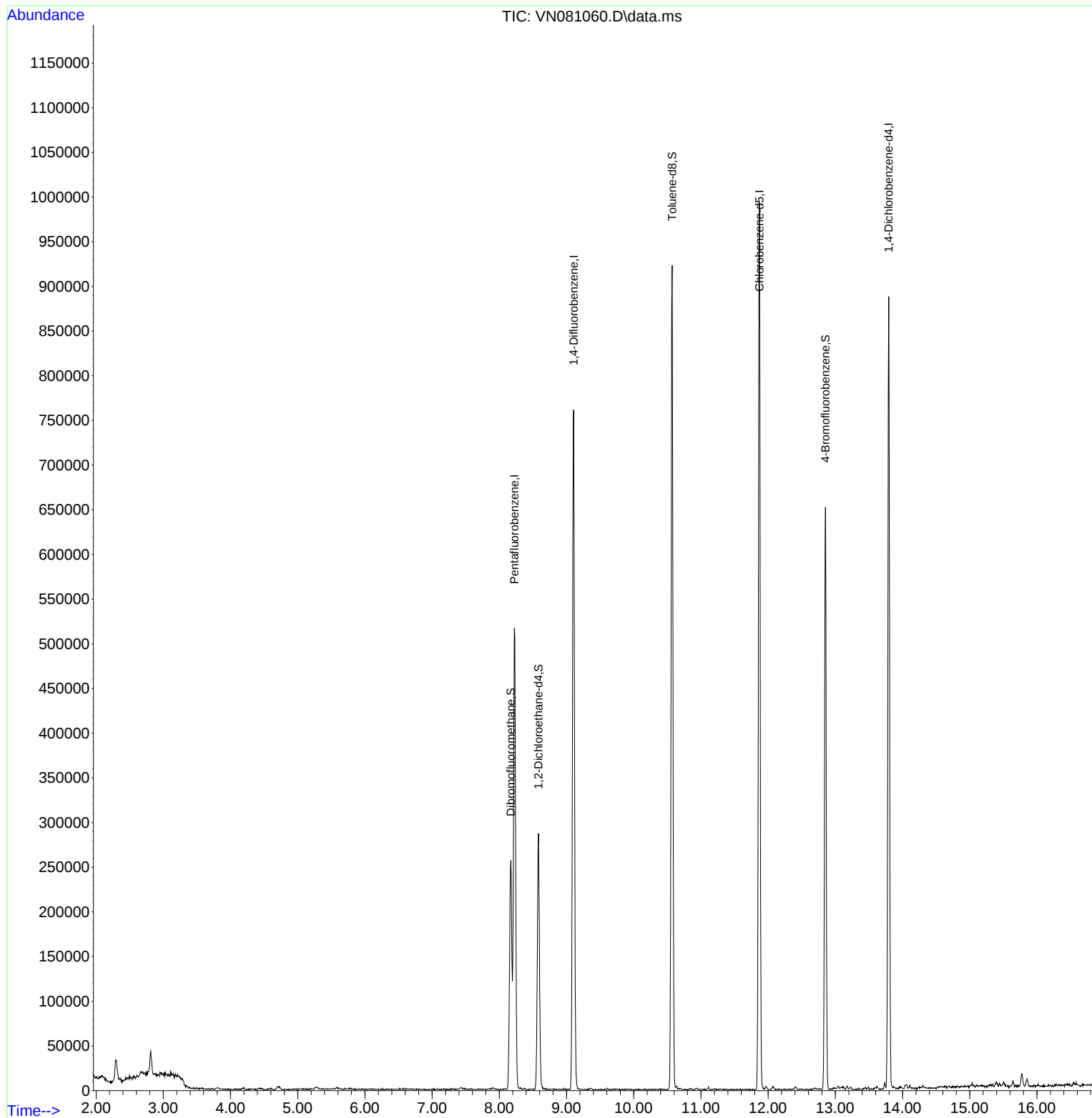
Target Compounds	Qvalue

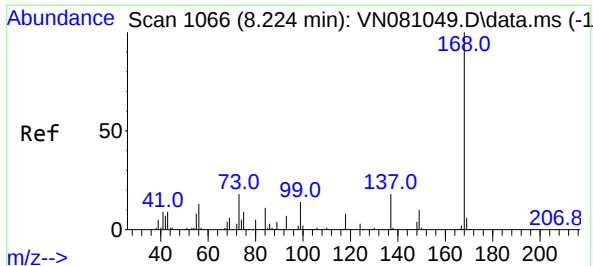
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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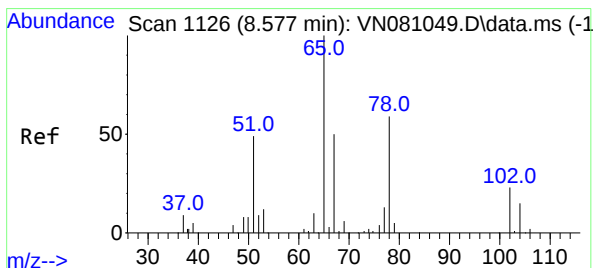
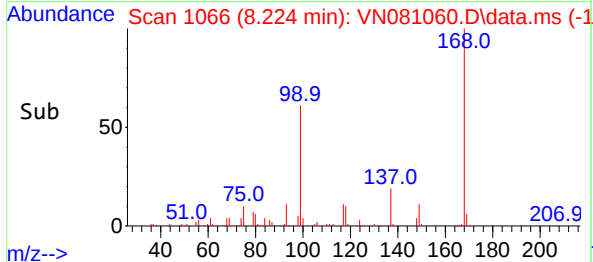
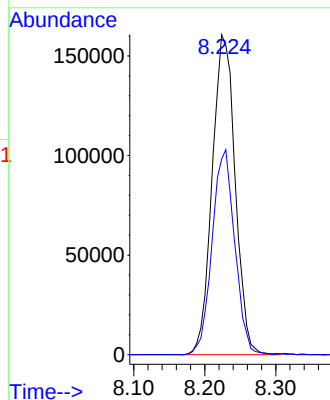
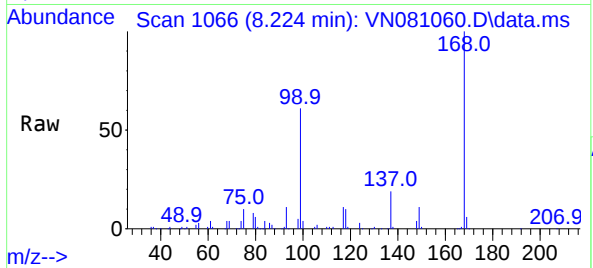




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081060.D
Acq: 16 Feb 2024 18:06

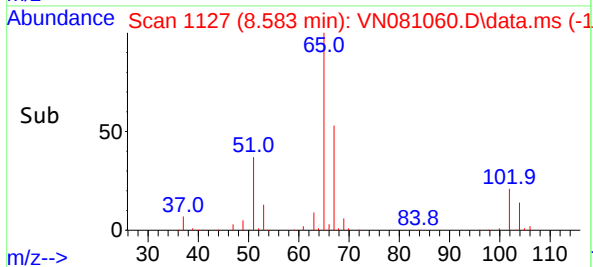
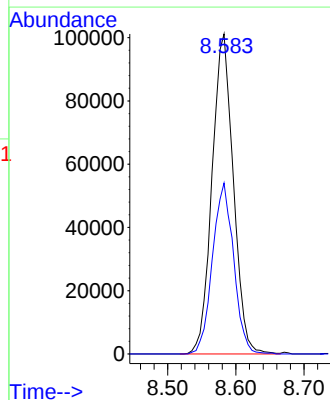
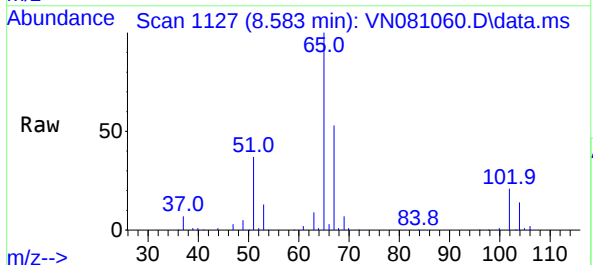
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

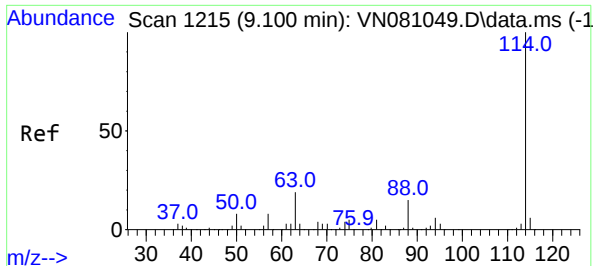
Tgt Ion:168 Resp: 360616
Ion Ratio Lower Upper
168 100
99 61.2 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.813 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081060.D
Acq: 16 Feb 2024 18:06

Tgt Ion: 65 Resp: 220180
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081060.D

Acq: 16 Feb 2024 18:06

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

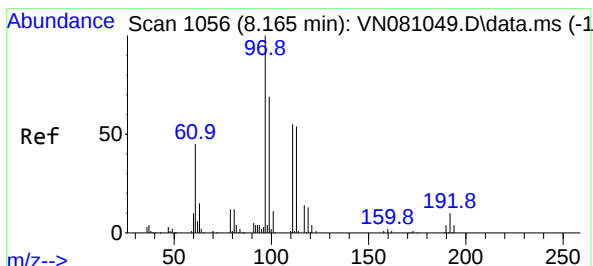
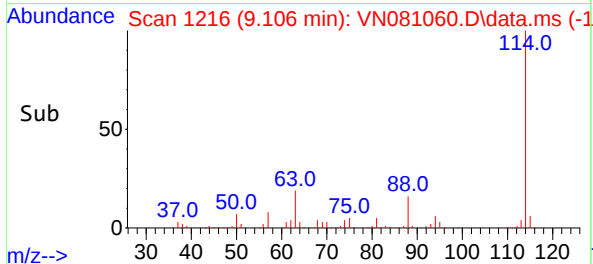
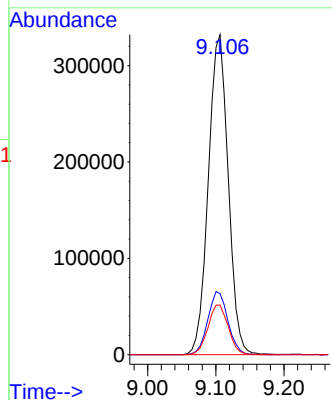
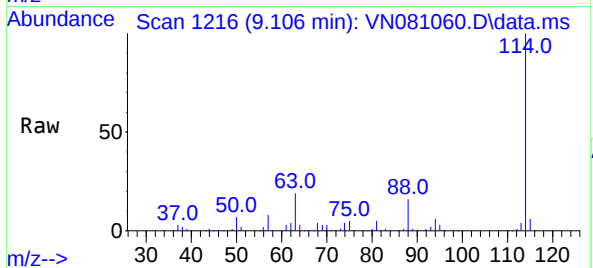
Tgt Ion:114 Resp: 673747

Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 15.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.394 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081060.D

Acq: 16 Feb 2024 18:06

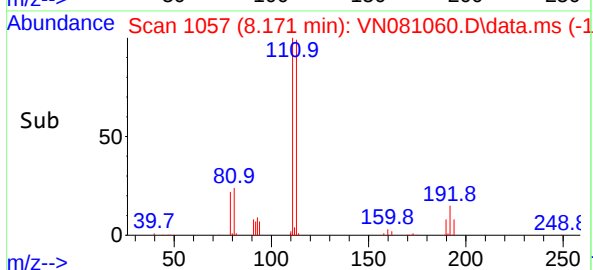
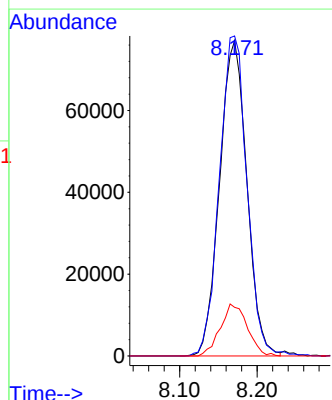
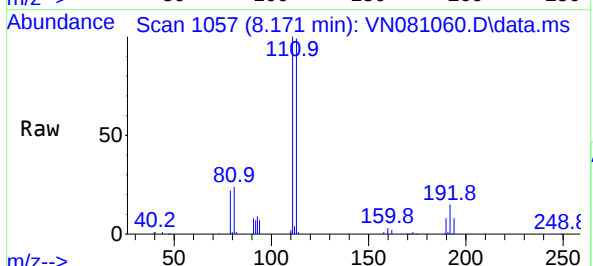
Tgt Ion:113 Resp: 188183

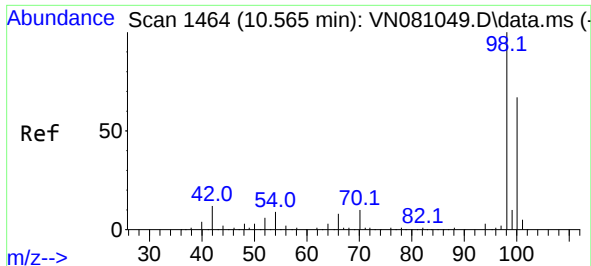
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 16.3 12.5 18.7

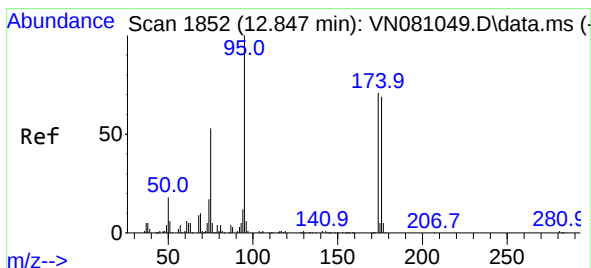
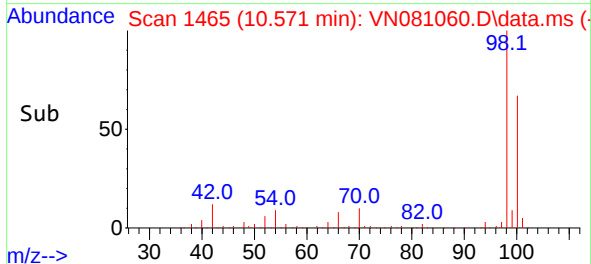
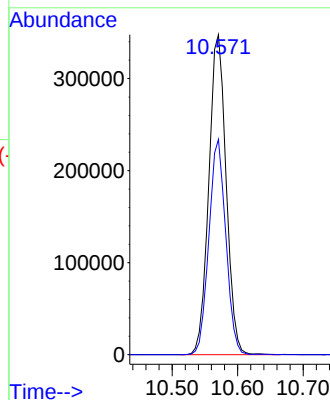
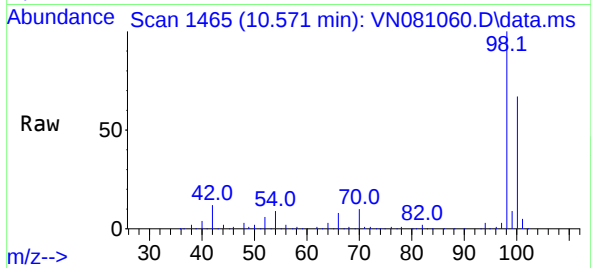




#50
Toluene-d8
Concen: 47.186 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081060.D
Acq: 16 Feb 2024 18:06

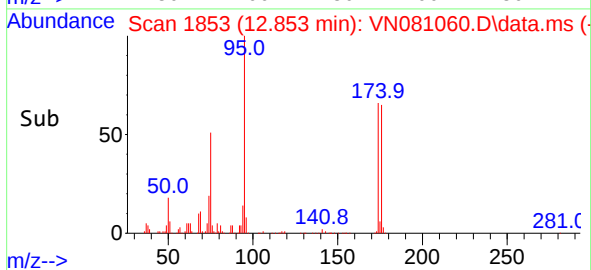
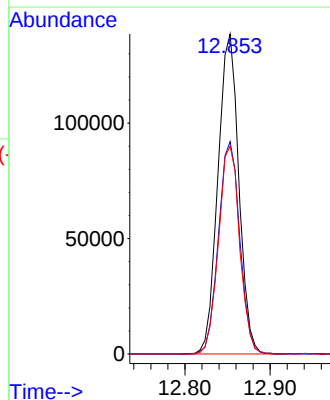
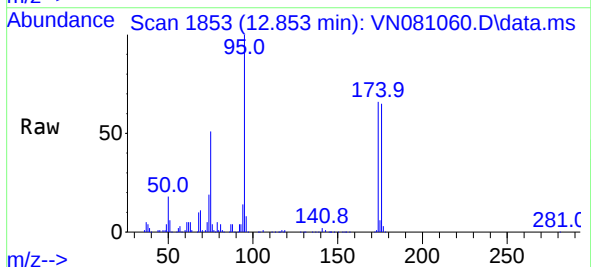
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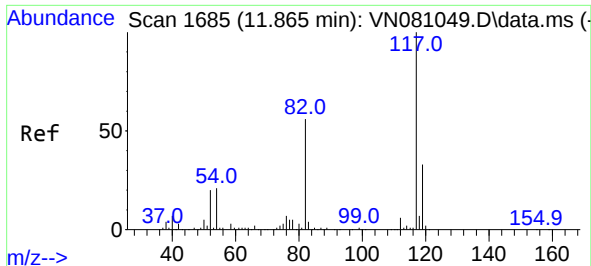
Tgt Ion: 98 Resp: 638493
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.408 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081060.D
Acq: 16 Feb 2024 18:06

Tgt Ion: 95 Resp: 235963
Ion Ratio Lower Upper
95 100
174 67.7 0.0 120.4
176 65.5 0.0 121.0

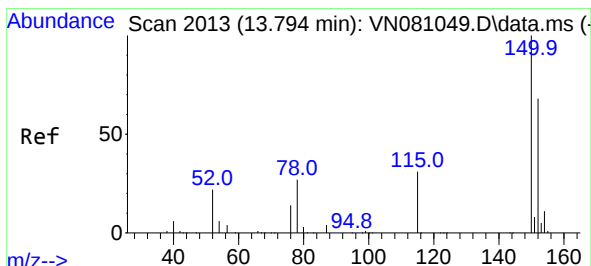
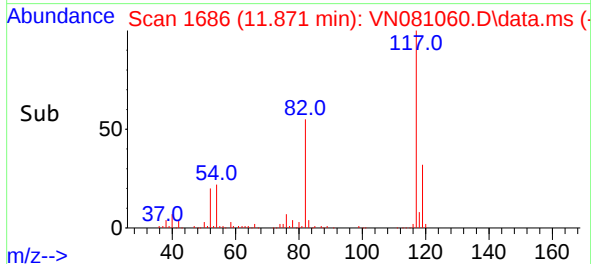
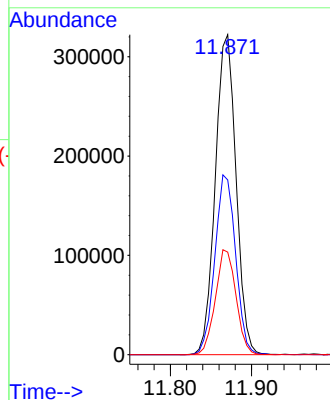
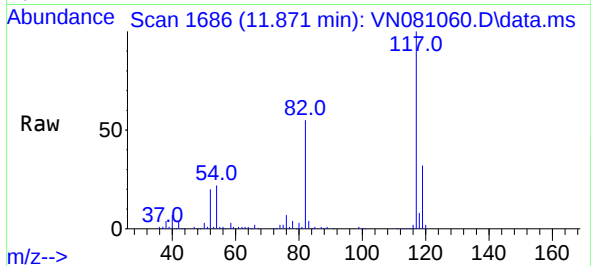




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081060.D
Acq: 16 Feb 2024 18:06

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

Tgt Ion:117 Resp: 573264
Ion Ratio Lower Upper
117 100
82 54.6 52.7 79.1
119 32.1 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: VN081060.D
Acq: 16 Feb 2024 18:06

Tgt Ion:152 Resp: 234374
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 157.9 0.0 339.8

