

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075983.D
 Acq On : 27 Dec 2022 13:11
 Operator : JC\MD
 Sample : N6210-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 28 04:44:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	335869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	532518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	467371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	174470	47.748	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.500%
35) Dibromofluoromethane	8.171	113	158942	48.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.571	98	607899	49.302	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.853	95	194063	47.519	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.040%

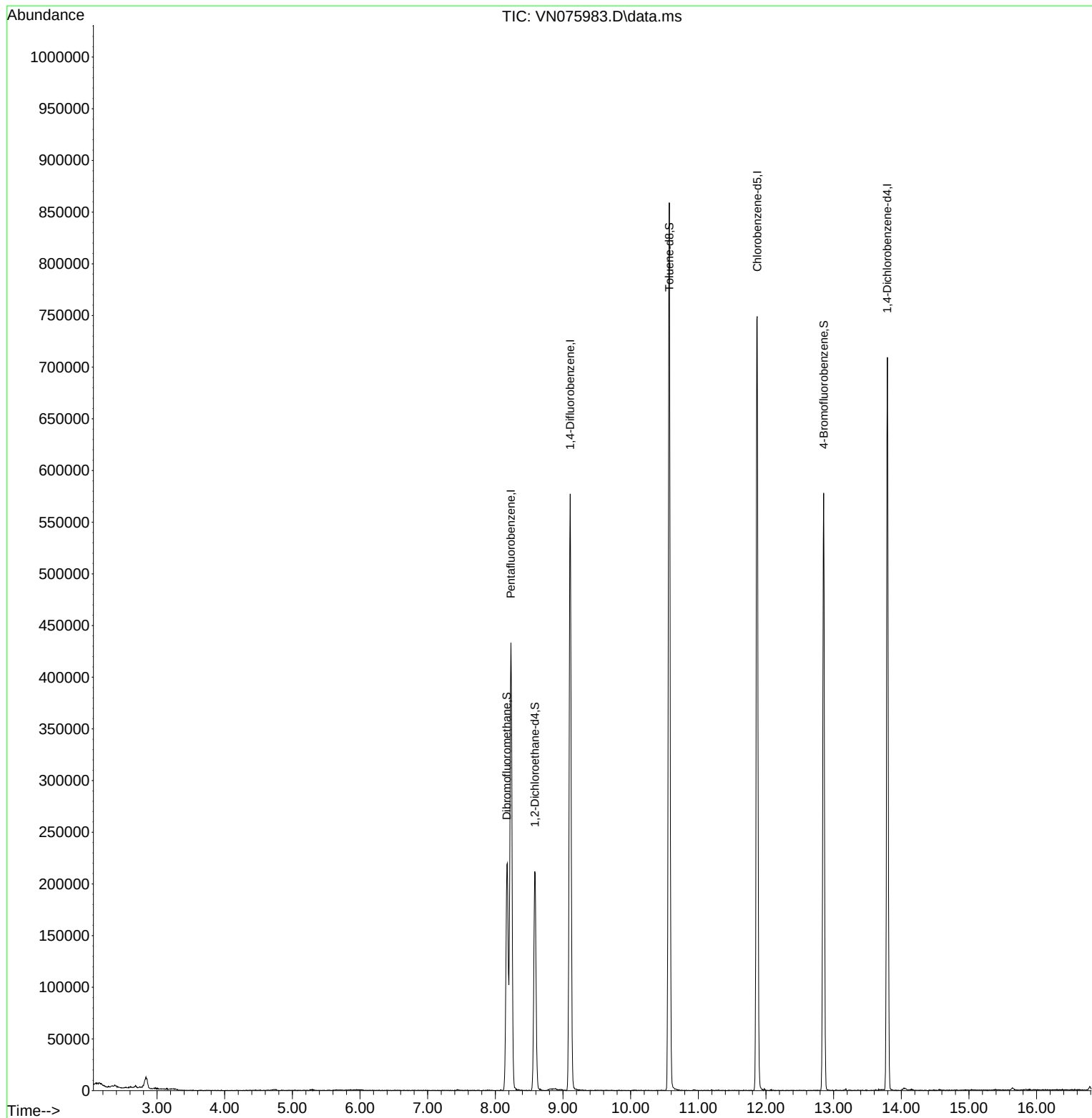
Target Compounds	Qvalue

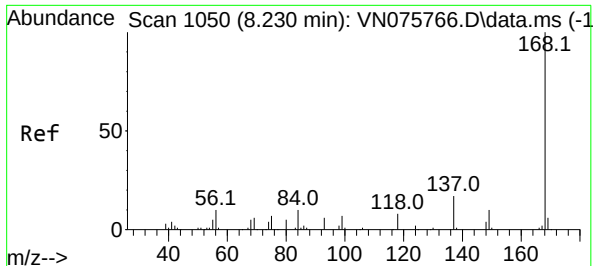
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
Data File : VN075983.D
Acq On : 27 Dec 2022 13:11
Operator : JC\MD
Sample : N6210-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 28 04:44:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

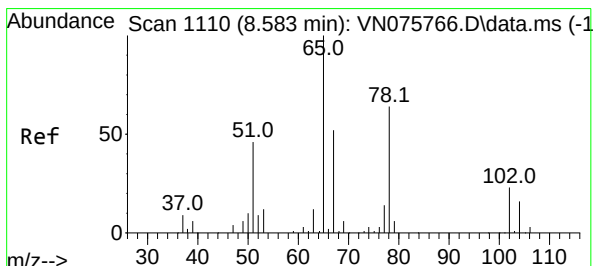
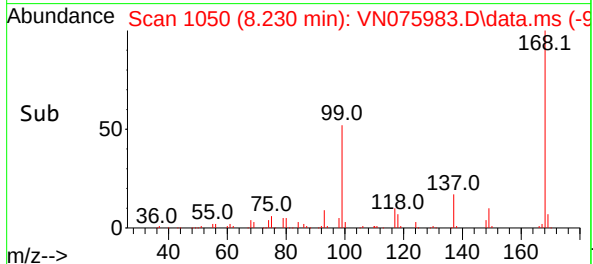
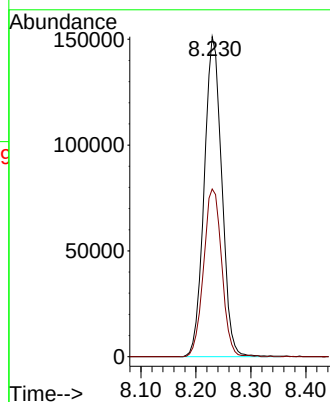
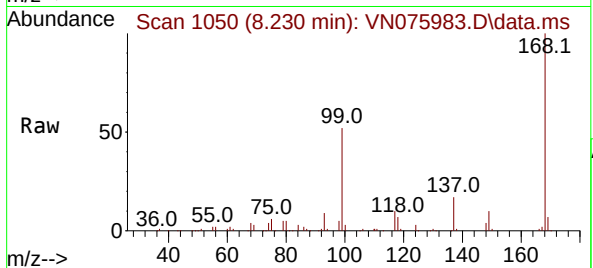




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

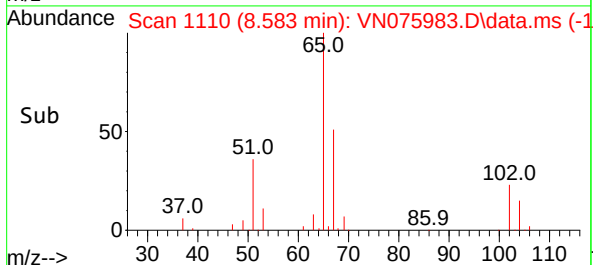
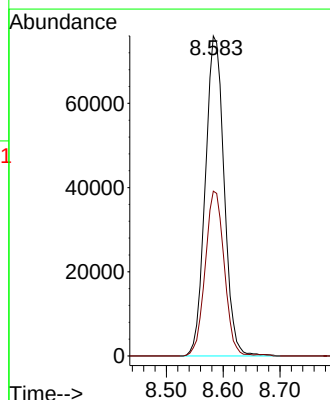
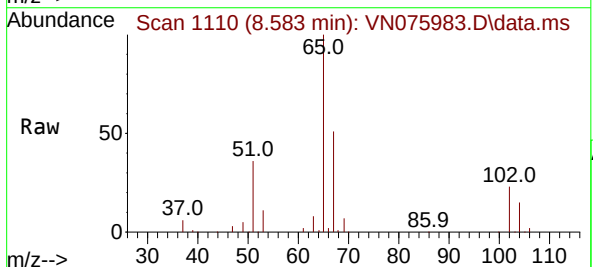
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

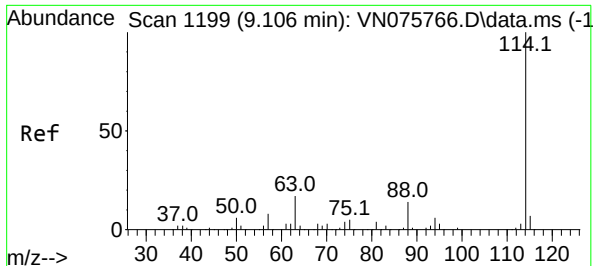
Tgt Ion:168 Resp: 335869
Ion Ratio Lower Upper
168 100
99 52.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.748 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

Tgt Ion: 65 Resp: 174470
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075983.D

Acq: 27 Dec 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

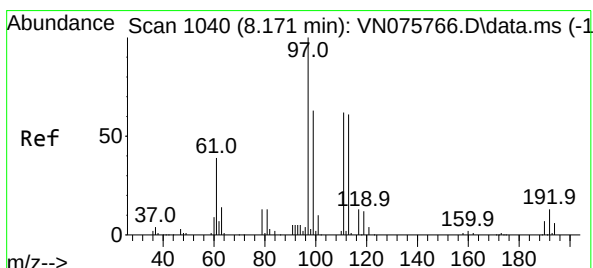
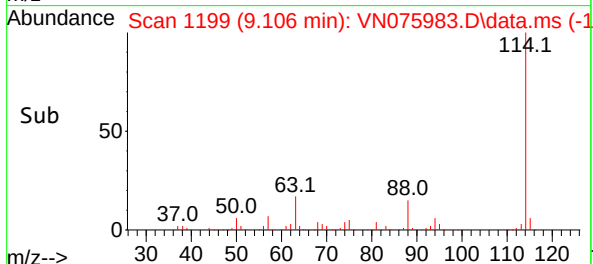
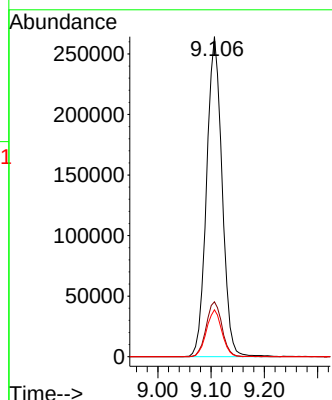
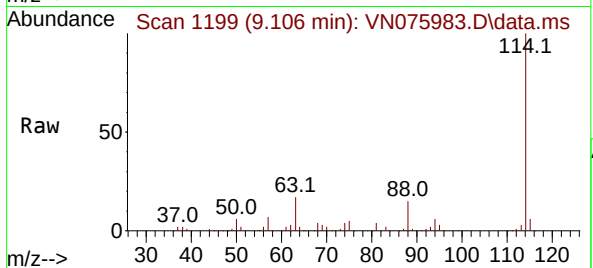
Tgt Ion:114 Resp: 532518

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.196 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075983.D

Acq: 27 Dec 2022 13:11

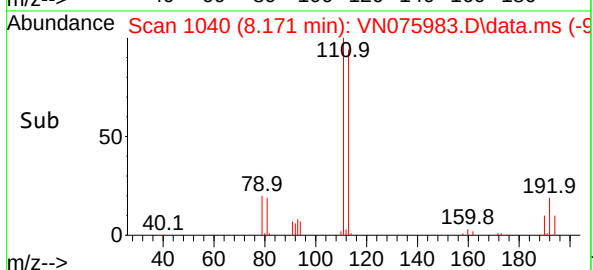
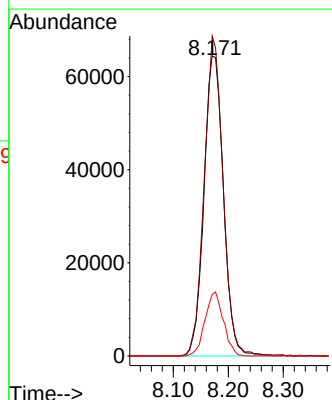
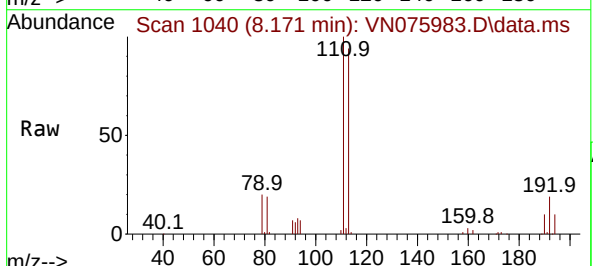
Tgt Ion:113 Resp: 158942

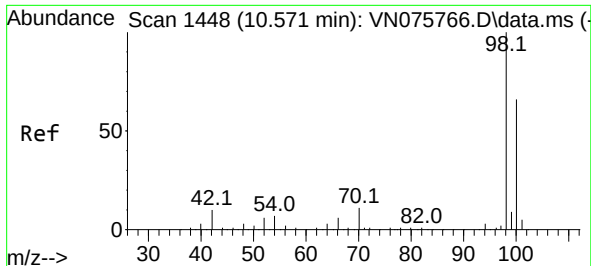
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 20.1 16.1 24.1

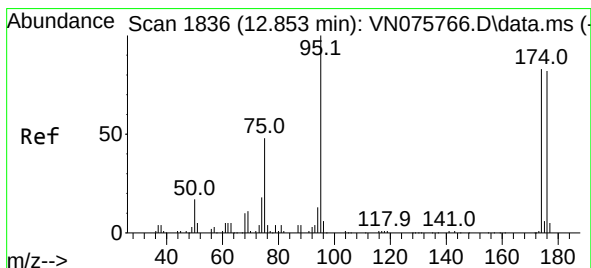
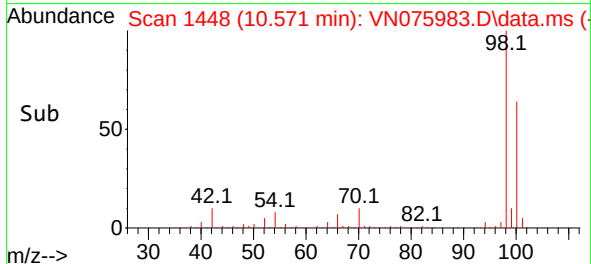
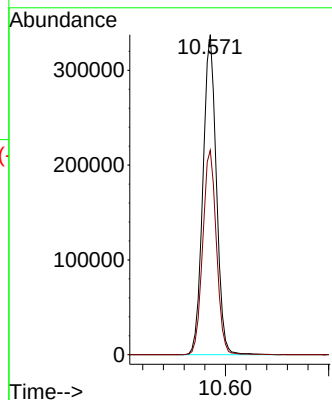
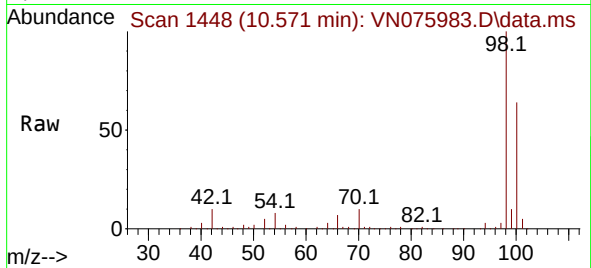




#50
Toluene-d8
Concen: 49.302 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

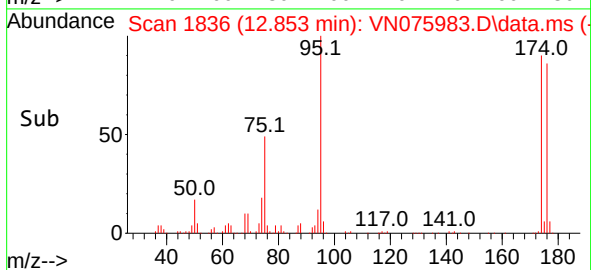
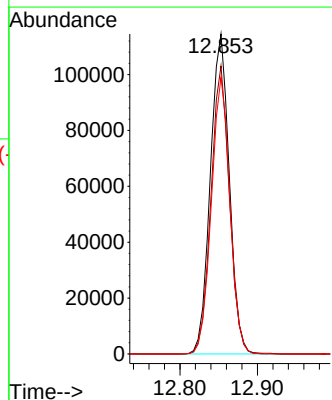
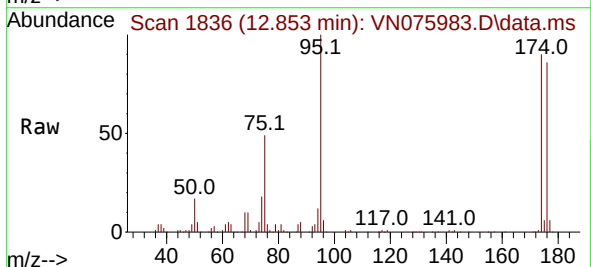
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

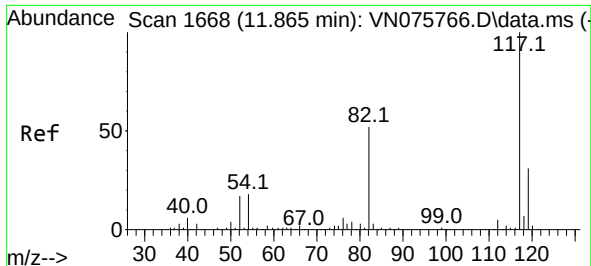
Tgt Ion: 98 Resp: 607899
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.519 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

Tgt Ion: 95 Resp: 194063
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 84.7 0.0 169.2

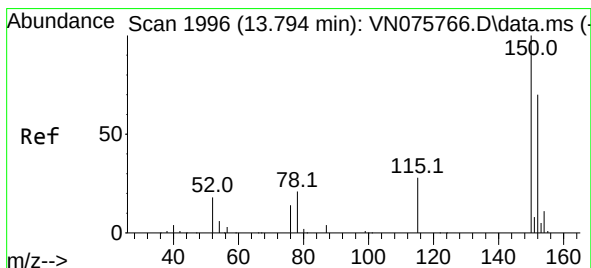
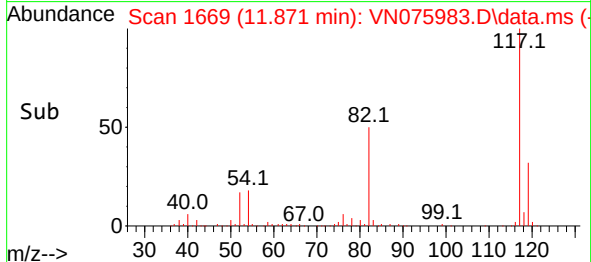
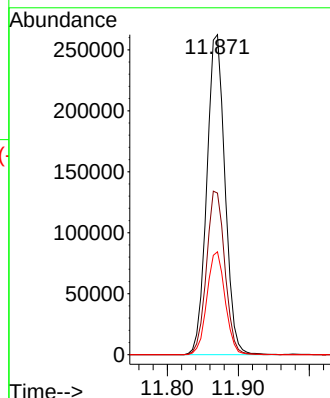
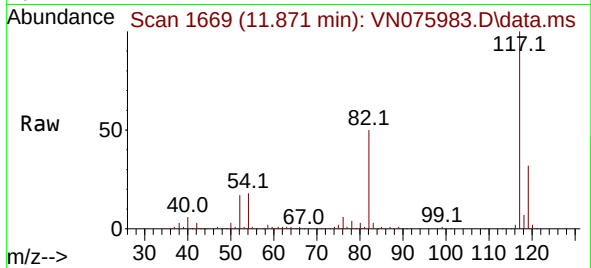




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

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

Tgt Ion:117 Resp: 467371
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 32.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075983.D
Acq: 27 Dec 2022 13:11

Tgt Ion:152 Resp: 198849
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.4
150 158.0 0.0 347.0

