

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075651.D
 Acq On : 08 Dec 2022 16:32
 Operator : JC\MD
 Sample : N5879-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 09 02:09:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

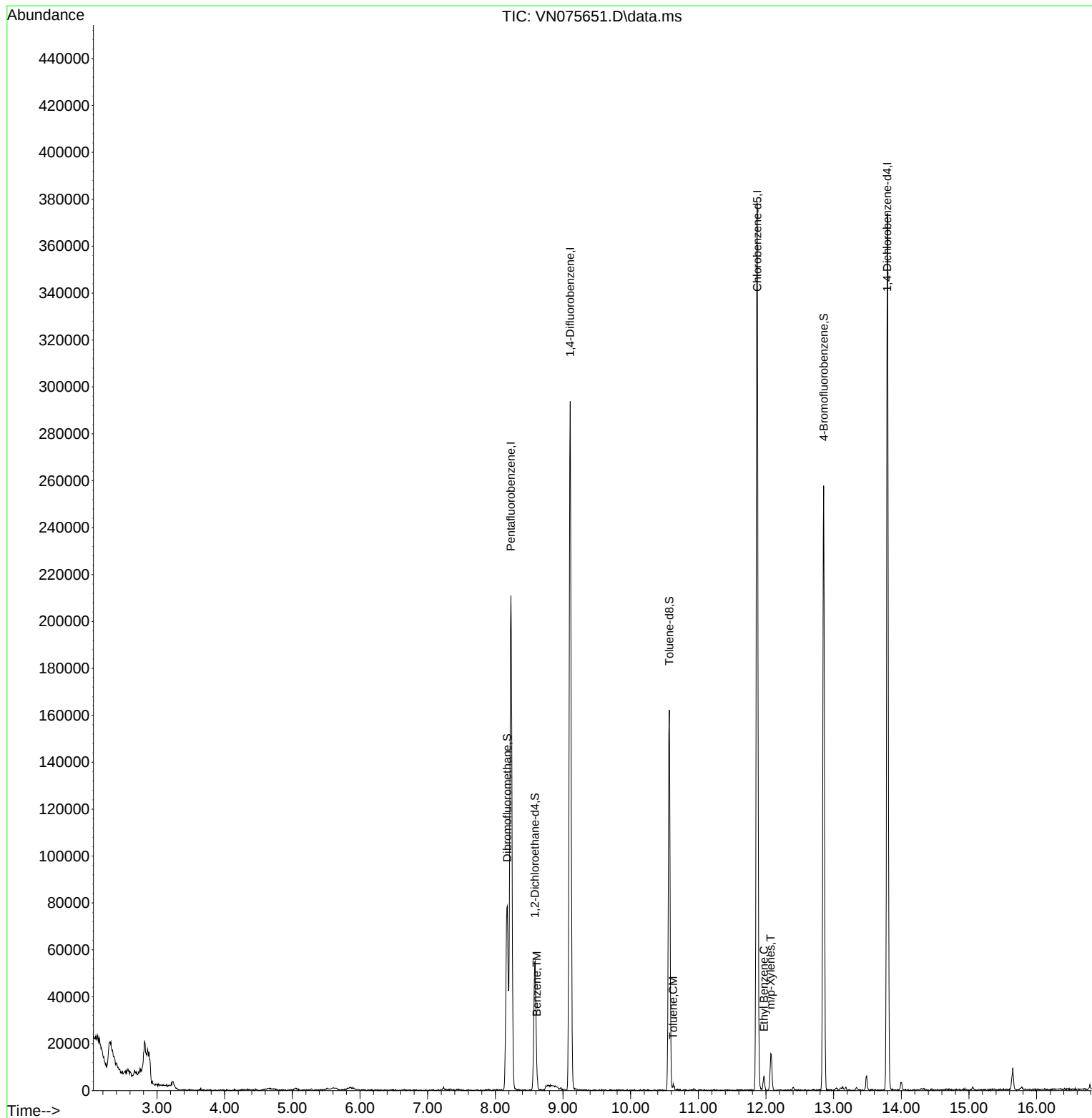
Internal Standards						
1) Pentafluorobenzene	8.230	168	168254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	234920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	44031	48.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	8.177	113	58509	54.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.760%
50) Toluene-d8	10.571	98	116908	48.246	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.853	95	85488	47.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.600%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	2772	0.386	ug/l	98
52) Toluene	10.630	92	1101	0.238	ug/l	98
67) Ethyl Benzene	11.971	91	5134	0.620	ug/l	90
68) m/p-Xylenes	12.071	106	5922	1.762	ug/l	97

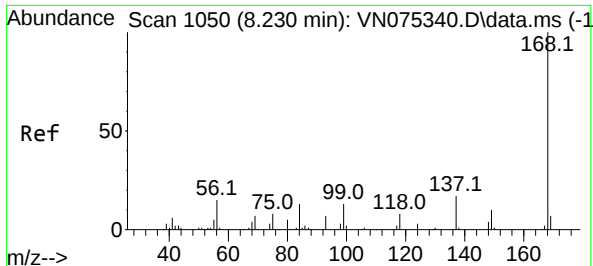
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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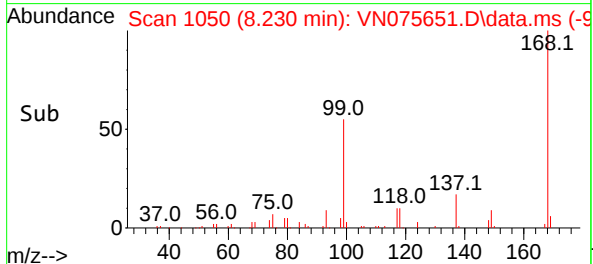
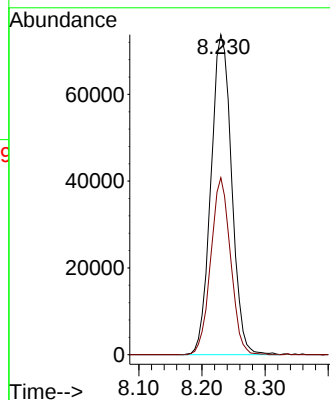
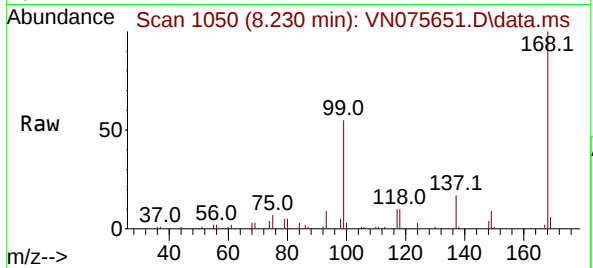




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075651.D
Acq: 08 Dec 2022 16:32

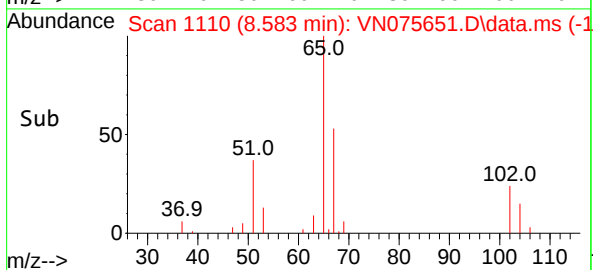
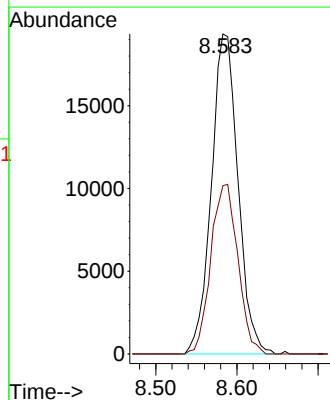
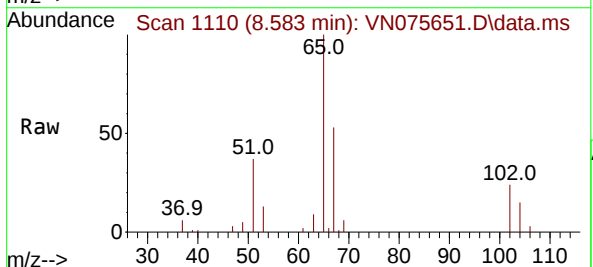
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

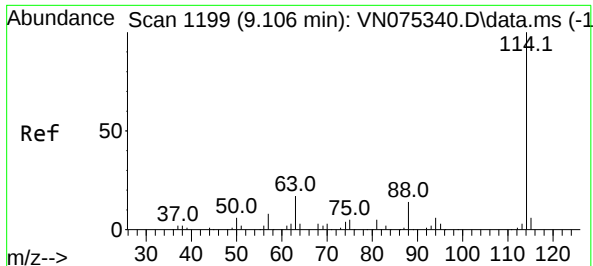
Tgt Ion:168 Resp: 168254
Ion Ratio Lower Upper
168 100
99 55.3 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 48.752 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075651.D
Acq: 08 Dec 2022 16:32

Tgt Ion: 65 Resp: 44031
Ion Ratio Lower Upper
65 100
67 53.8 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075651.D

Acq: 08 Dec 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

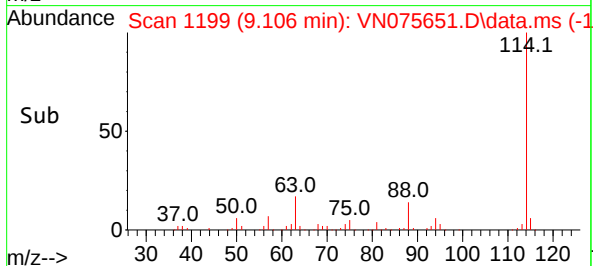
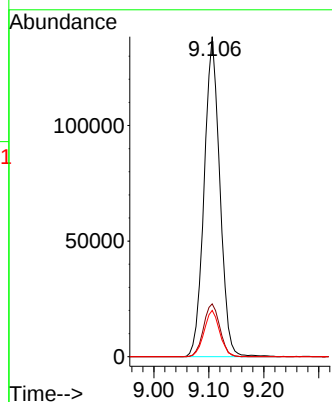
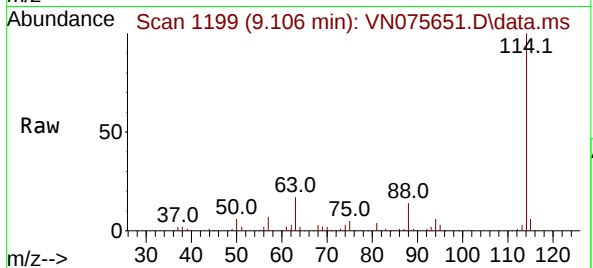
Tgt Ion:114 Resp: 273877

Ion Ratio Lower Upper

114 100

63 16.5 0.0 39.6

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.383 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075651.D

Acq: 08 Dec 2022 16:32

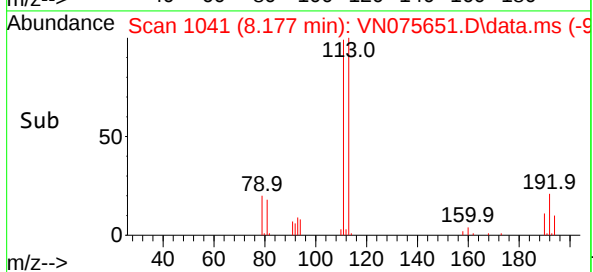
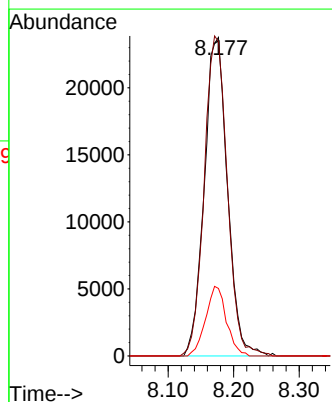
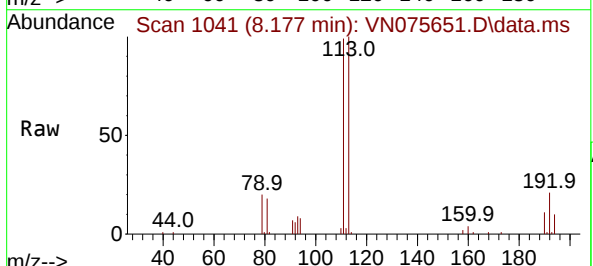
Tgt Ion:113 Resp: 58509

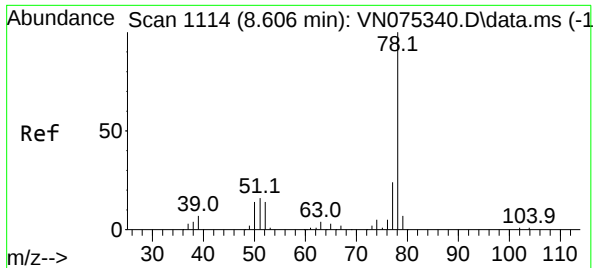
Ion Ratio Lower Upper

113 100

111 100.0 80.5 120.7

192 19.5 13.2 19.8

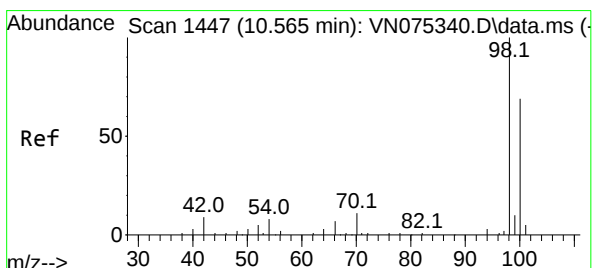
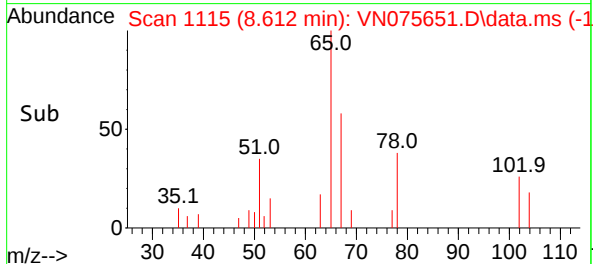
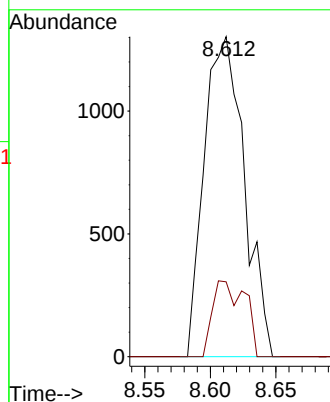
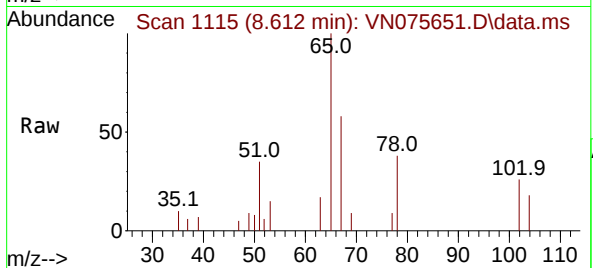




#40
Benzene
Concen: 0.386 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075651.D
Acq: 08 Dec 2022 16:32

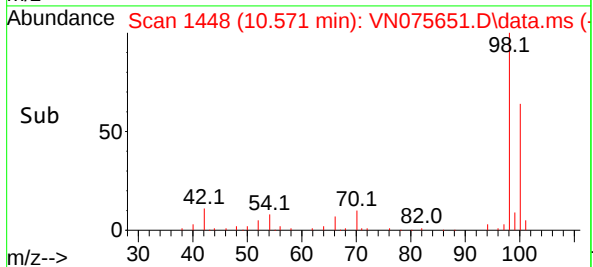
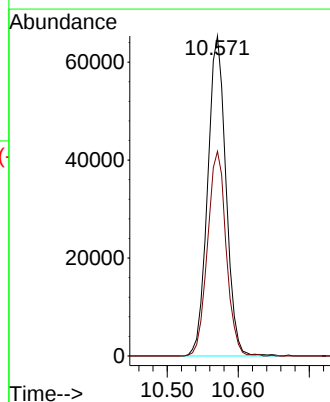
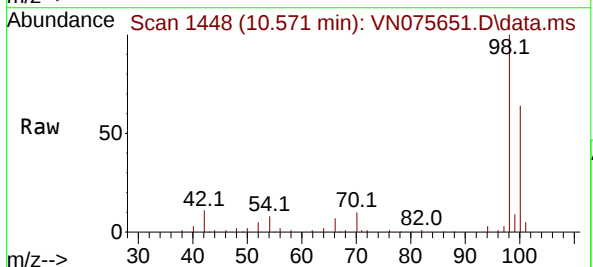
Instrument :
MSVOA_N
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STORAGE-BLANK-SOIL-REF-6

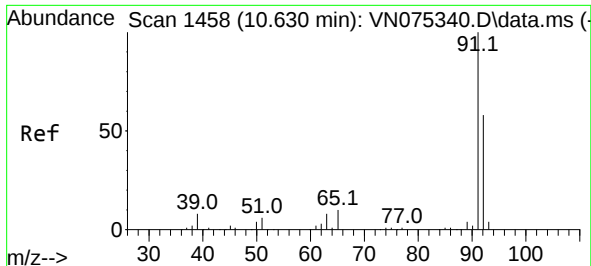
Tgt Ion: 78 Resp: 2772
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



#50
Toluene-d8
Concen: 48.246 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075651.D
Acq: 08 Dec 2022 16:32

Tgt Ion: 98 Resp: 116908
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6

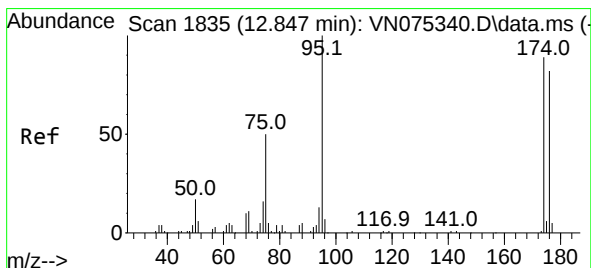
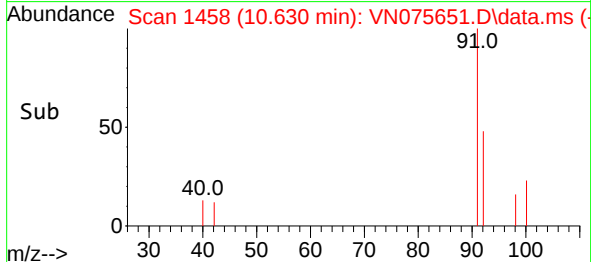
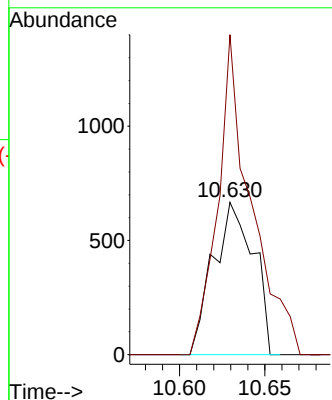
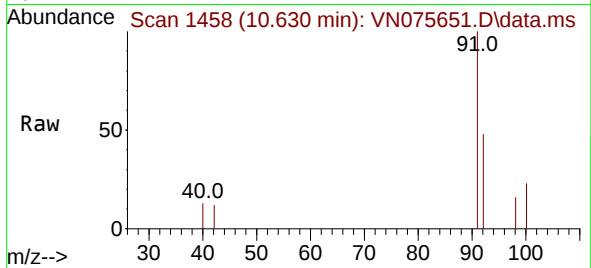




#52
Toluene
Concen: 0.238 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075651.D
Acq: 08 Dec 2022 16:32

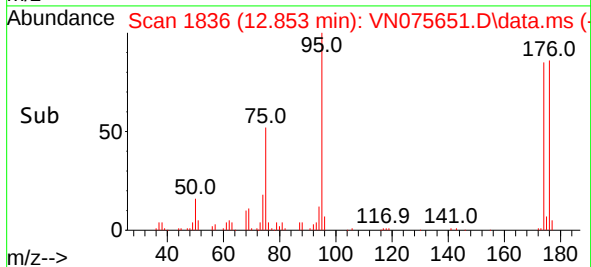
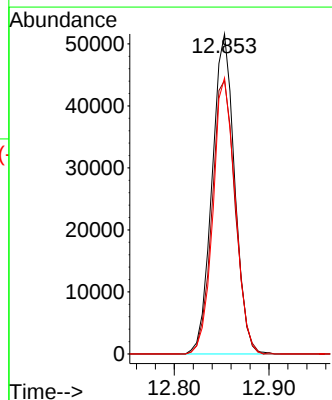
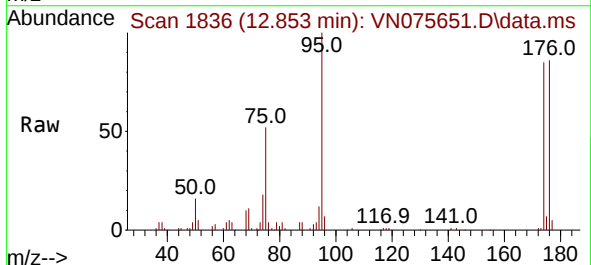
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

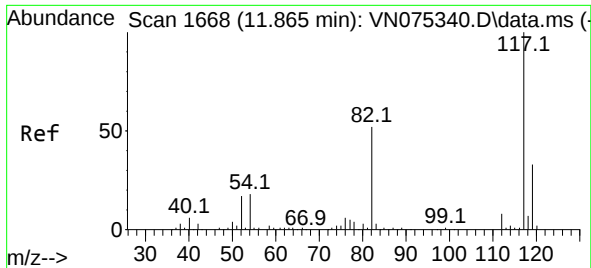
Tgt Ion: 92 Resp: 1101
Ion Ratio Lower Upper
92 100
91 172.6 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 47.797 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075651.D
Acq: 08 Dec 2022 16:32

Tgt Ion: 95 Resp: 85488
Ion Ratio Lower Upper
95 100
174 87.5 0.0 147.4
176 84.7 0.0 142.2

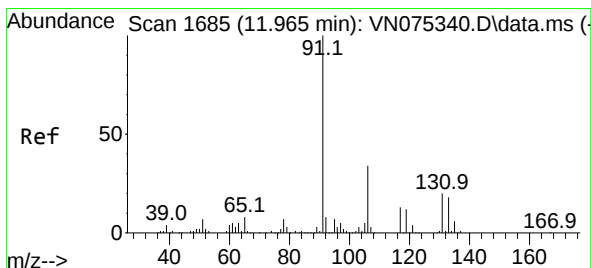
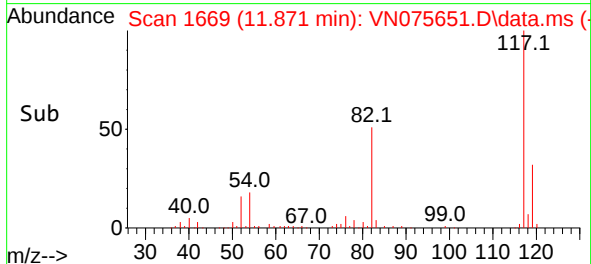
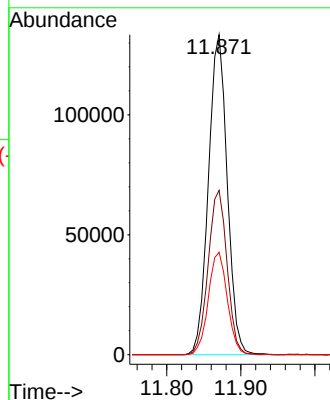
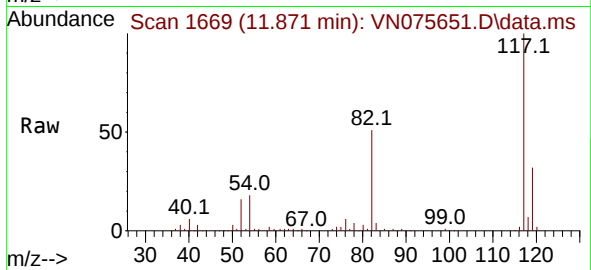




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075651.D
Acq: 08 Dec 2022 16:32

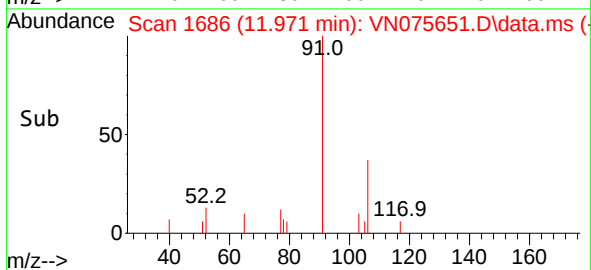
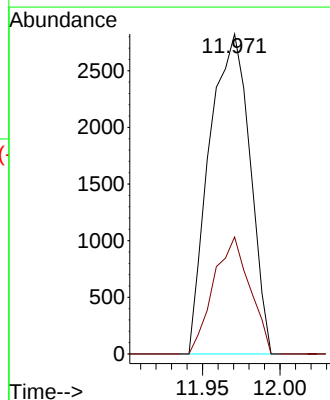
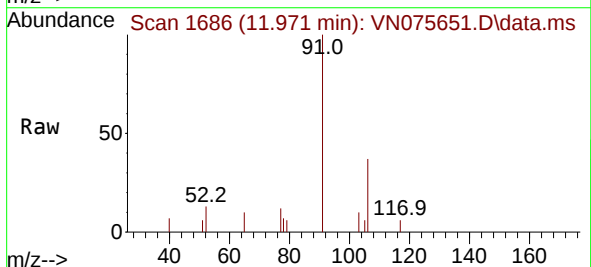
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

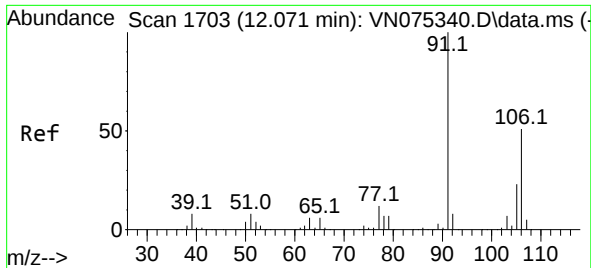
Tgt Ion:117 Resp: 234920
Ion Ratio Lower Upper
117 100
82 51.4 43.1 64.7
119 32.0 25.5 38.3



#67
Ethyl Benzene
Concen: 0.620 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075651.D
Acq: 08 Dec 2022 16:32

Tgt Ion: 91 Resp: 5134
Ion Ratio Lower Upper
91 100
106 36.5 24.9 37.3

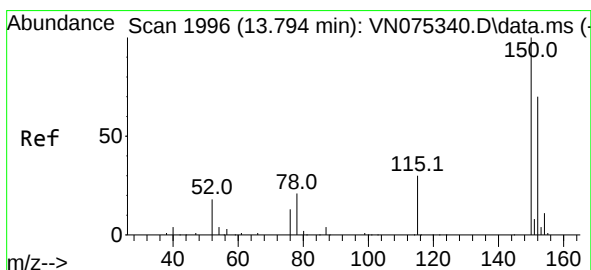
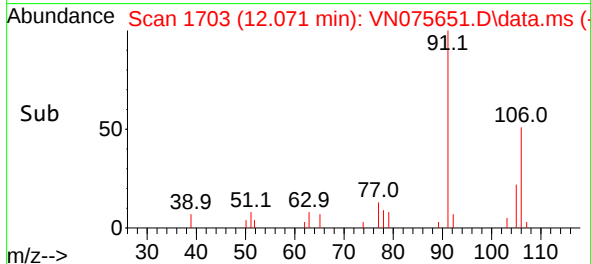
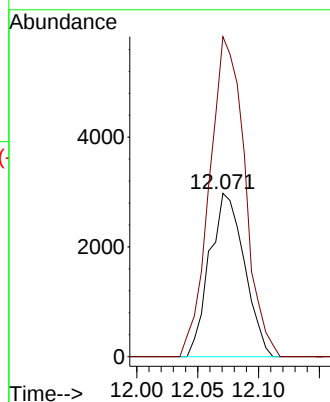
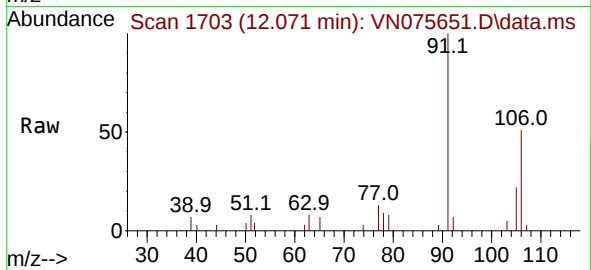




#68
m/p-Xylenes
Concen: 1.762 ug/l
RT: 12.071 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075651.D
Acq: 08 Dec 2022 16:32

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

Tgt Ion:106 Resp: 5922
Ion Ratio Lower Upper
106 100
91 198.8 156.0 234.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075651.D
Acq: 08 Dec 2022 16:32

Tgt Ion:152 Resp: 104734
Ion Ratio Lower Upper
152 100
115 57.0 30.2 90.6
150 159.7 0.0 348.4

