

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043607.D
 Acq On : 29 Oct 2024 19:06
 Operator : JC/MD
 Sample : P4562-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Oct 30 01:37:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

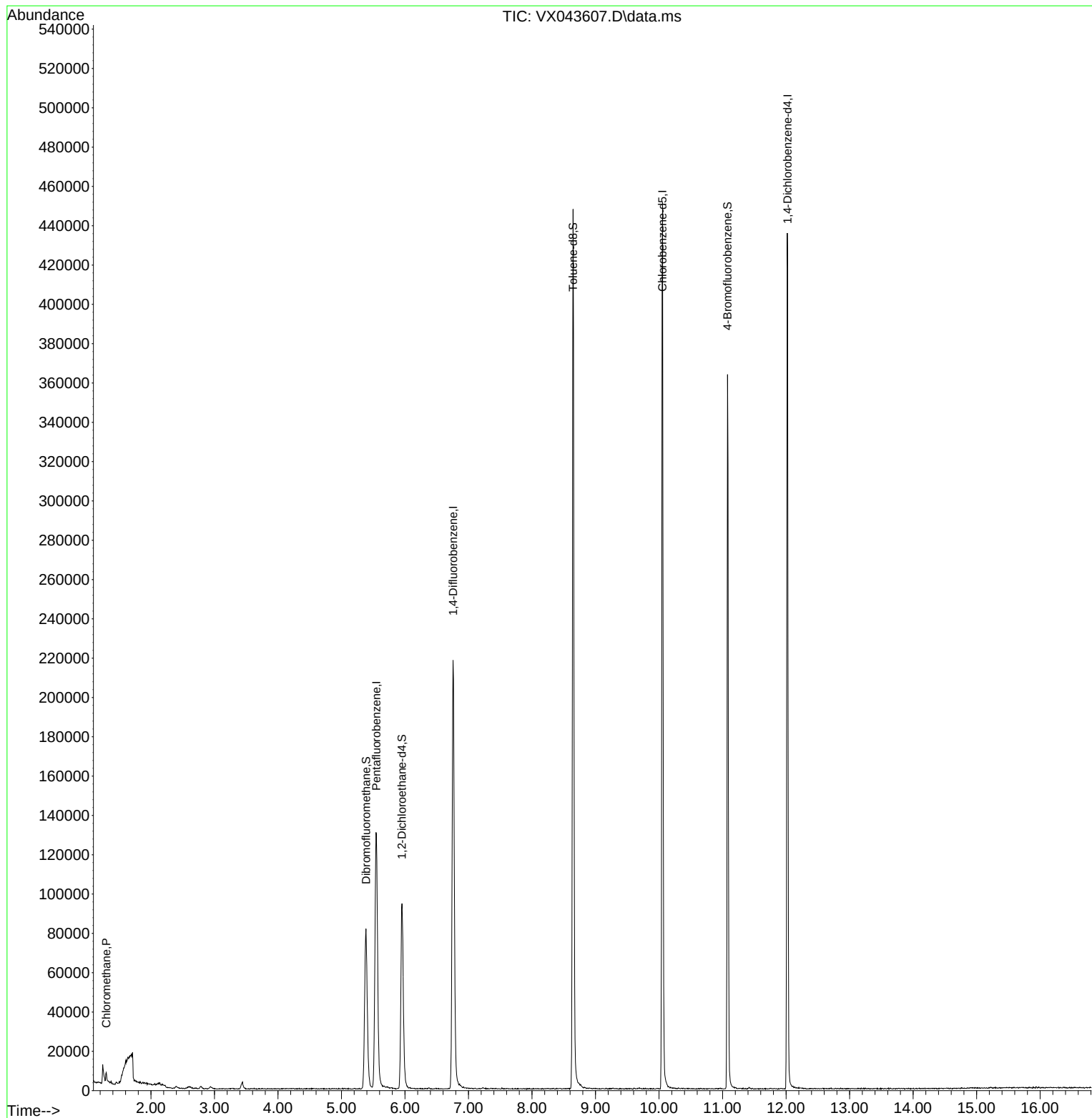
Internal Standards						
1) Pentafluorobenzene	5.550	168	129804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91866	44.385	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.760%
35) Dibromofluoromethane	5.385	113	73155	45.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.200%
50) Toluene-d8	8.647	98	284870	50.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.079	95	101846	48.955	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.900%
Target Compounds						
3) Chloromethane	1.294	50	2913	1.642	ug/l	98

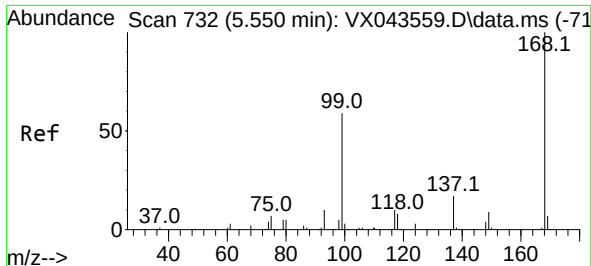
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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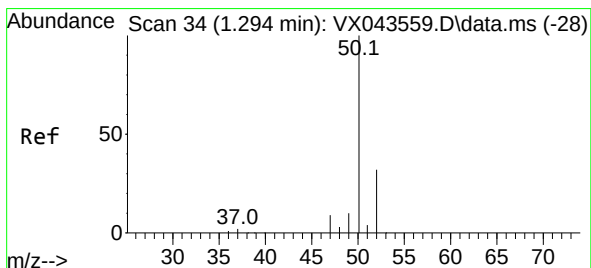
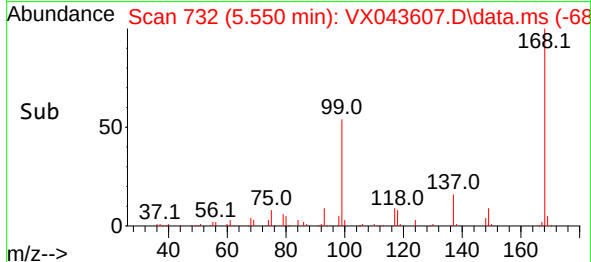
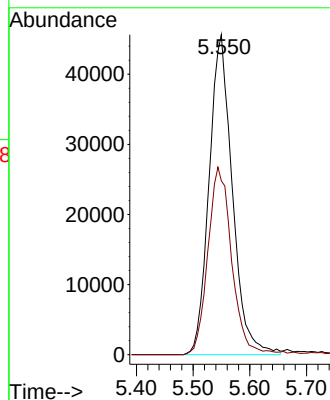
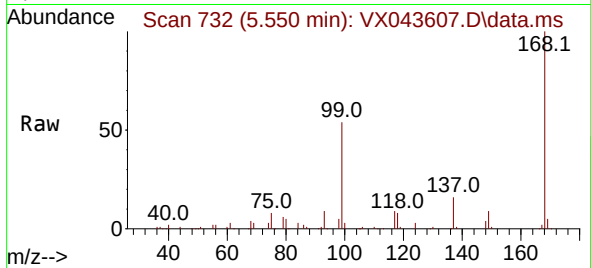




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

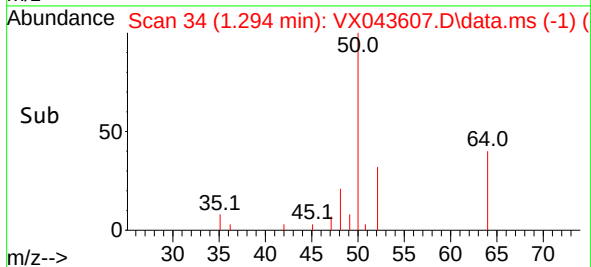
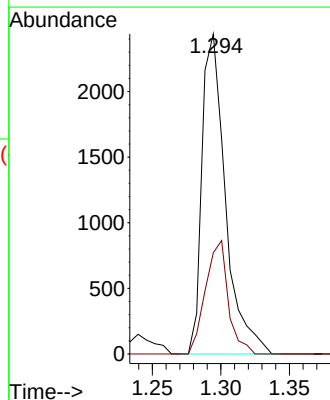
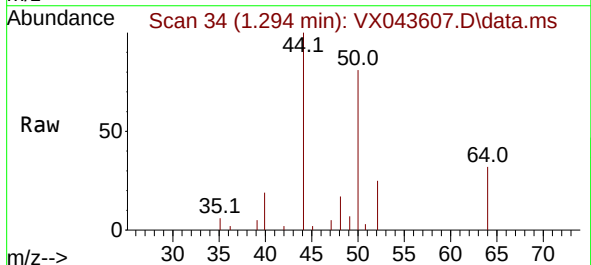
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

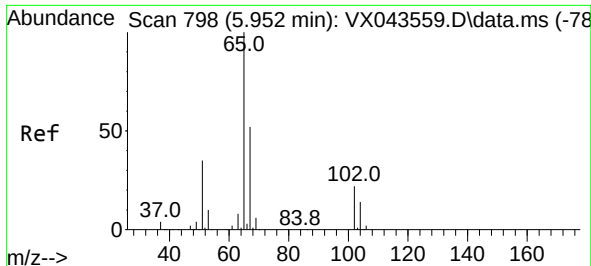
Tgt Ion:168 Resp: 129804
Ion Ratio Lower Upper
168 100
99 54.4 52.6 78.8



#3
Chloromethane
Concen: 1.642 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Tgt Ion: 50 Resp: 2913
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 44.385 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043607.D

Acq: 29 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

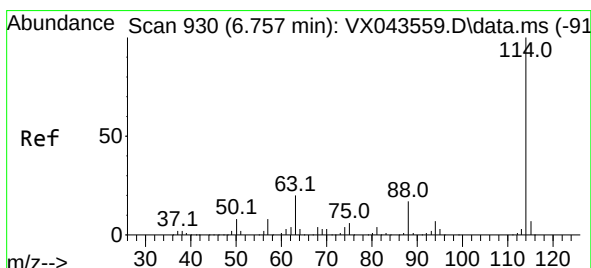
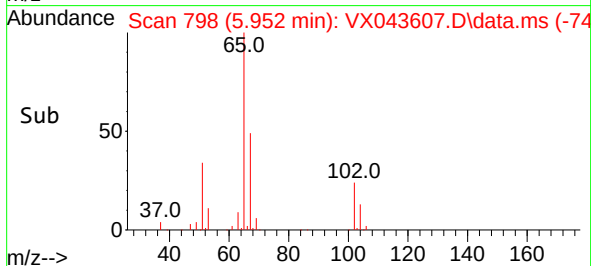
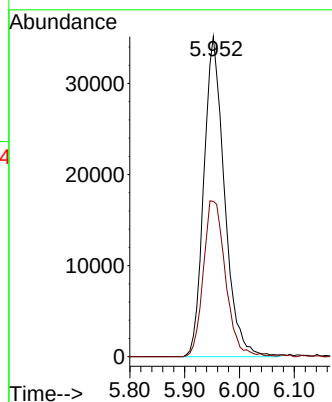
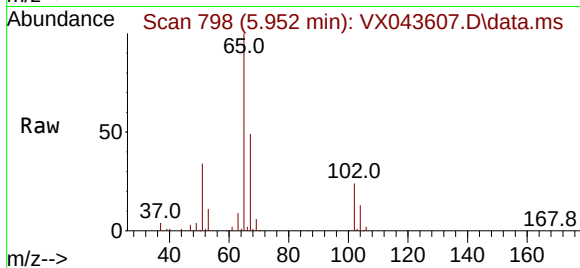
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 91866

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043607.D

Acq: 29 Oct 2024 19:06

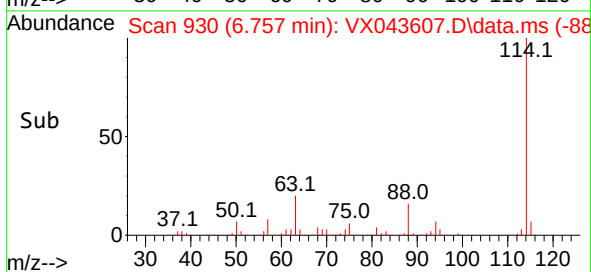
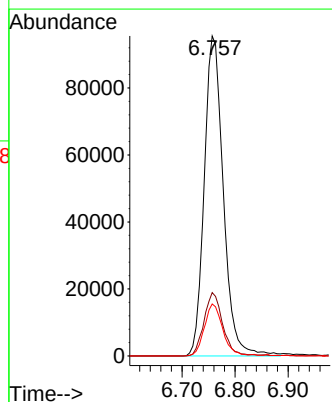
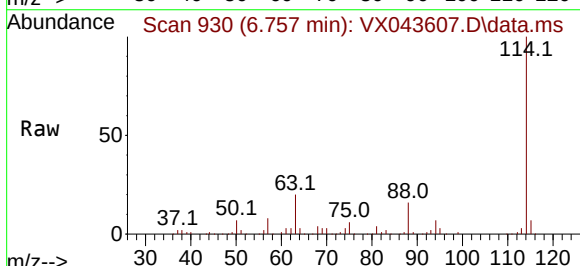
Tgt Ion: 114 Resp: 239182

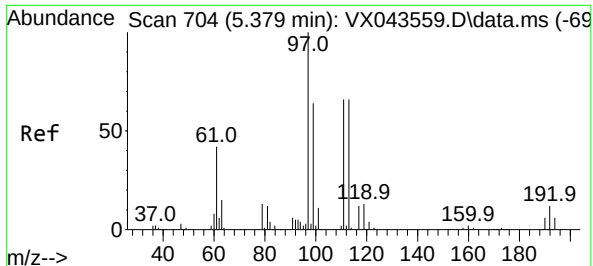
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.2

88 16.2 0.0 34.0

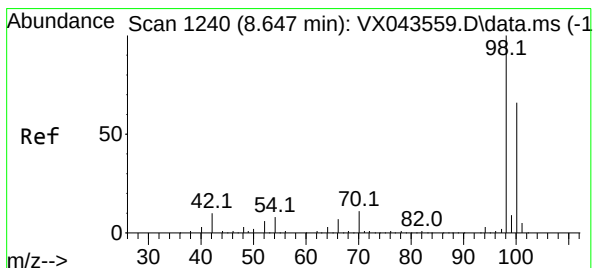
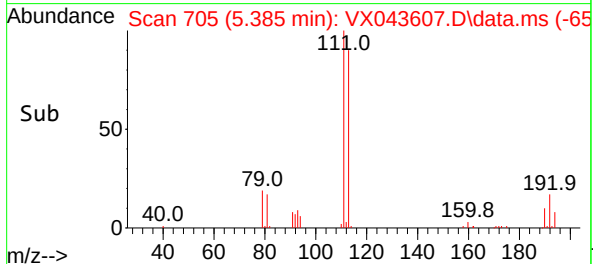
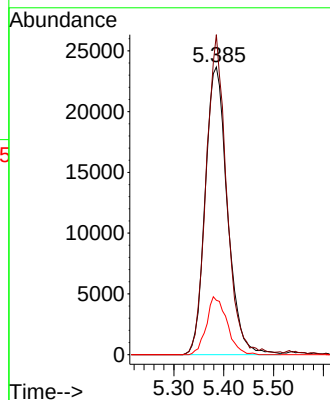
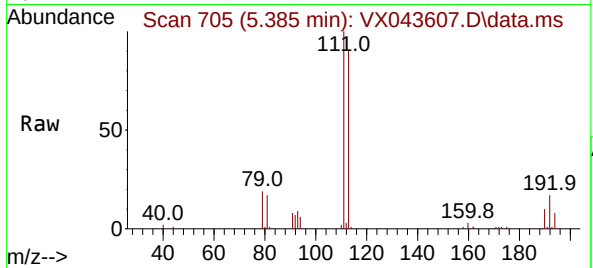




#35
Dibromofluoromethane
Concen: 45.105 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

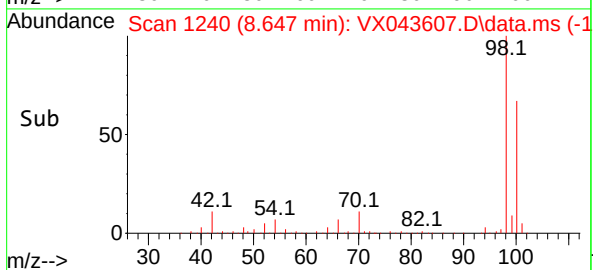
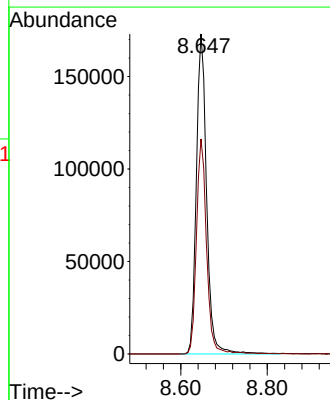
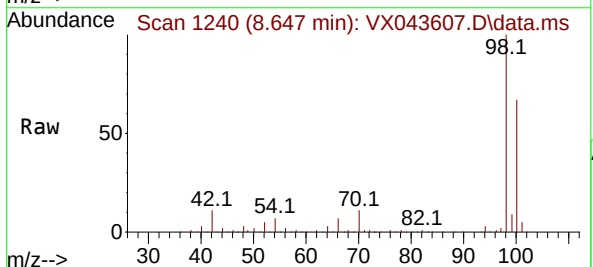
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

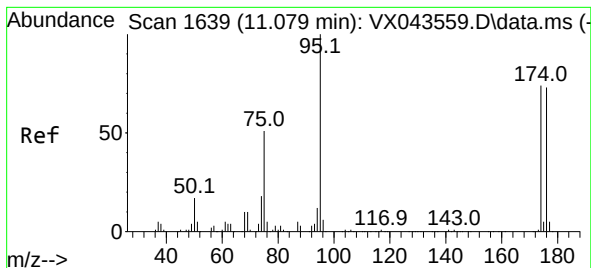
Tgt Ion:113 Resp: 73155
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.7 14.1 21.1



#50
Toluene-d8
Concen: 50.739 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

Tgt Ion: 98 Resp: 284870
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.2

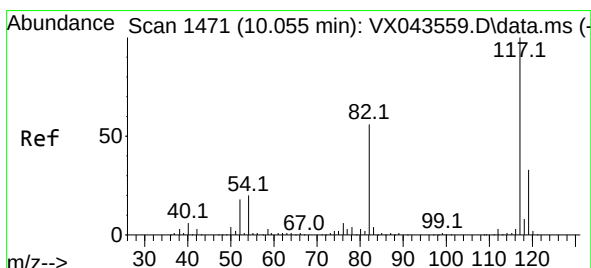
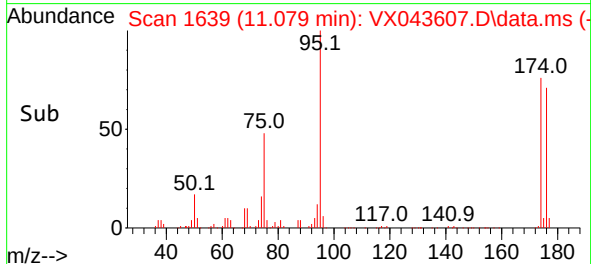
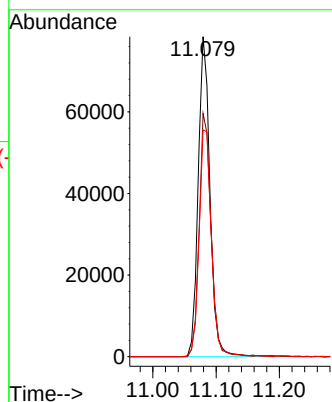
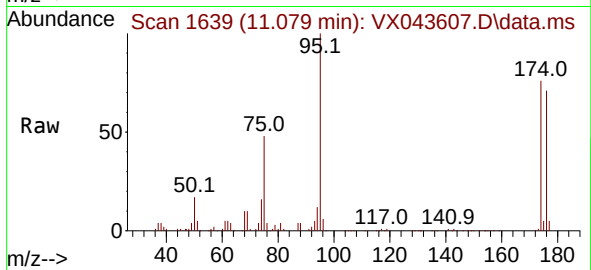




#62
4-Bromofluorobenzene
Concen: 48.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

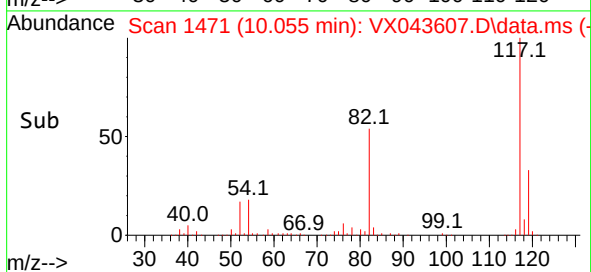
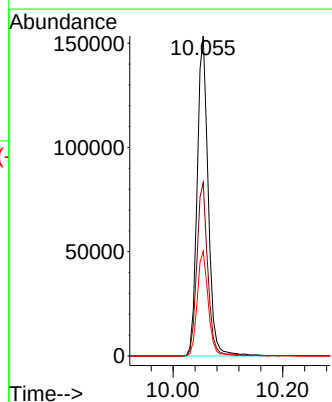
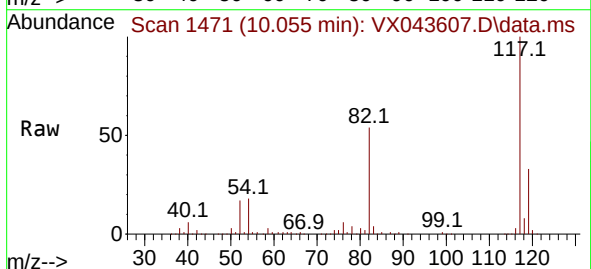
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

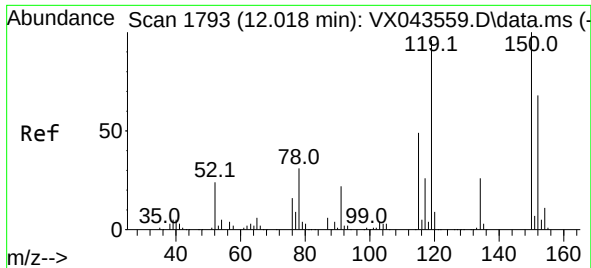
Tgt Ion: 95 Resp: 101846
Ion Ratio Lower Upper
95 100
174 76.6 0.0 146.6
176 74.5 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043607.D
Acq: 29 Oct 2024 19:06

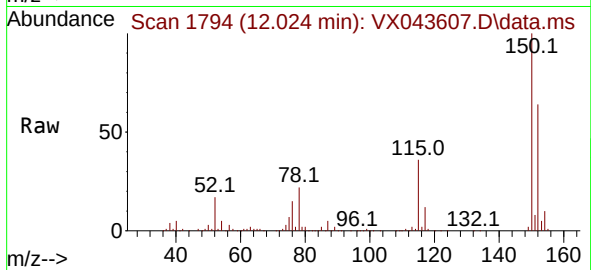
Tgt Ion: 117 Resp: 215768
Ion Ratio Lower Upper
117 100
82 54.2 42.1 63.1
119 32.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043607.D
 Acq: 29 Oct 2024 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6



Tgt Ion:152	Resp:	97263
Ion	Ratio	Lower Upper
152	100	
115	59.8	42.9 128.7
150	156.1	0.0 343.6

