

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043493.D
 Acq On : 23 Oct 2024 17:22
 Operator : JC/MD
 Sample : P4442-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 24 06:09:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:54:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60893	43.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.520%
35) Dibromofluoromethane	5.391	113	48436	47.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.647	98	172405	48.324	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.640%
62) 4-Bromofluorobenzene	11.079	95	58608	43.013	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.020%

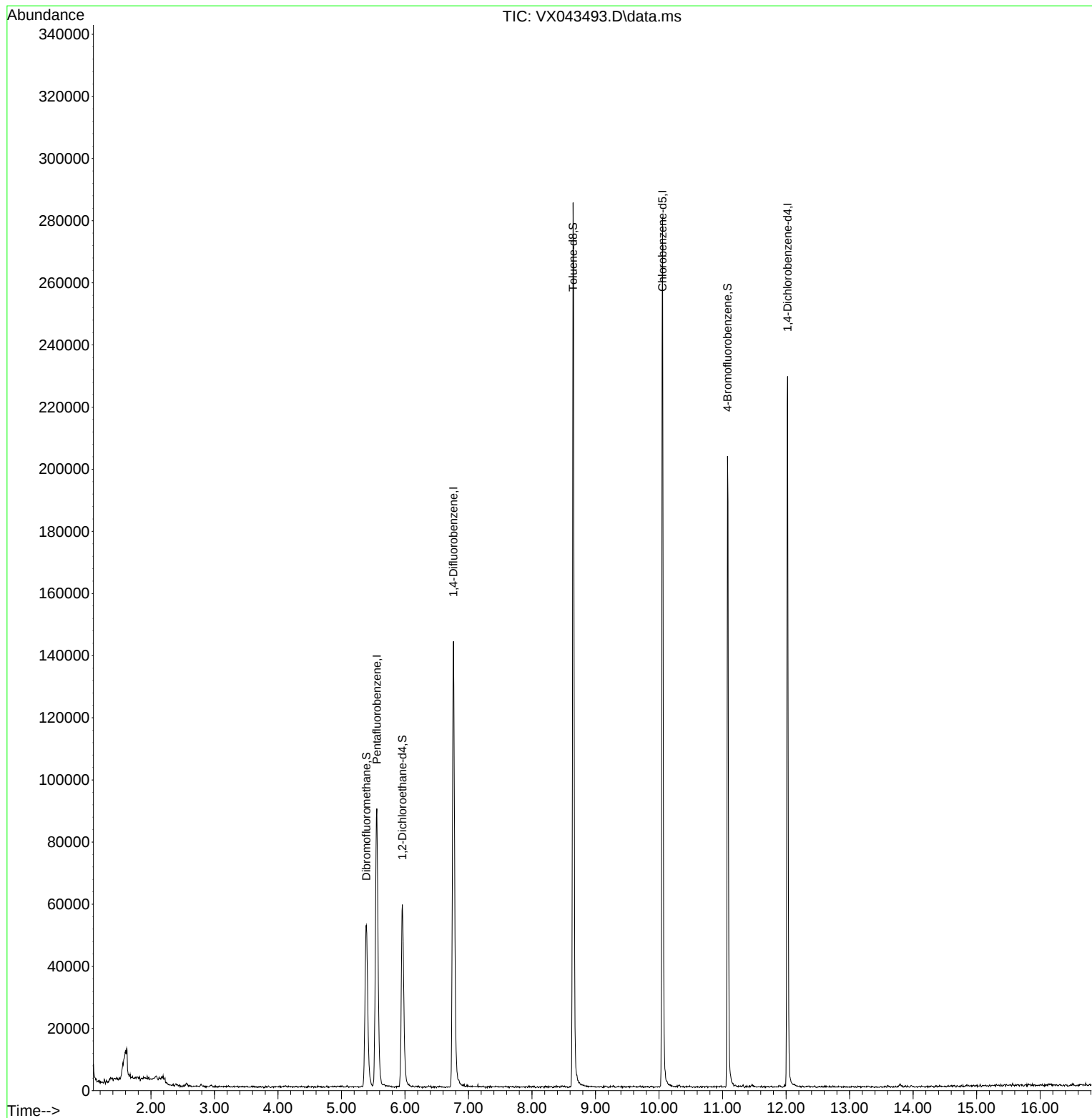
Target Compounds	Qvalue

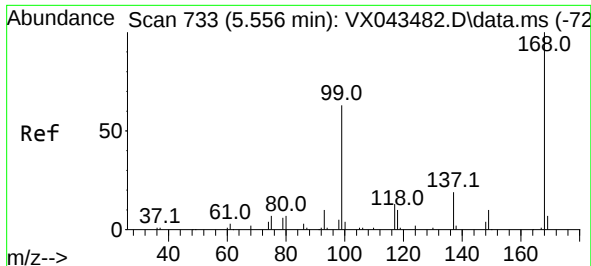
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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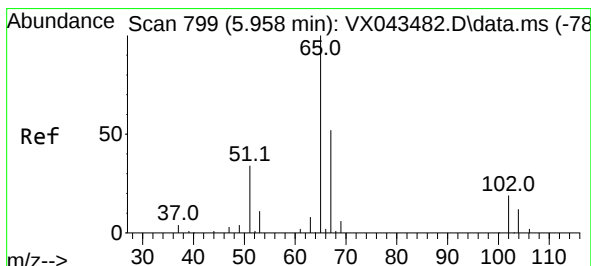
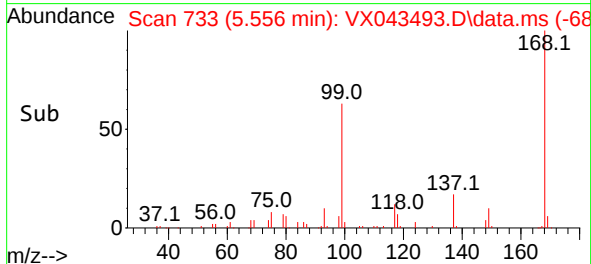
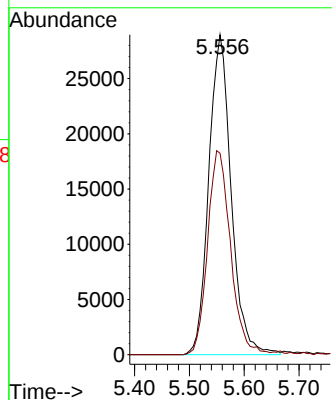
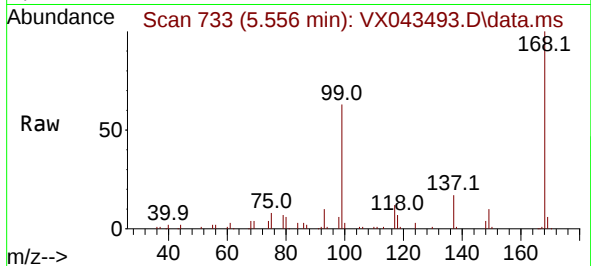




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

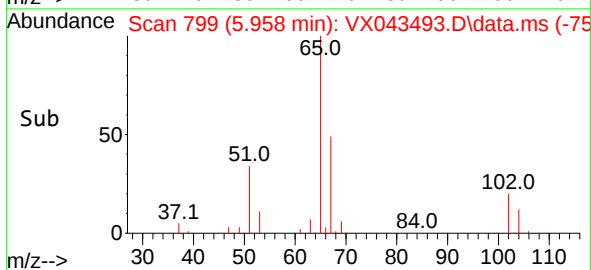
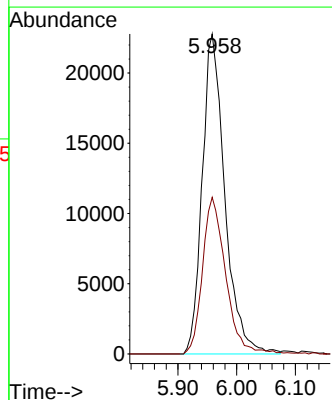
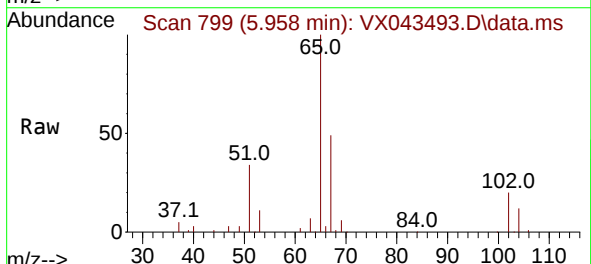
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

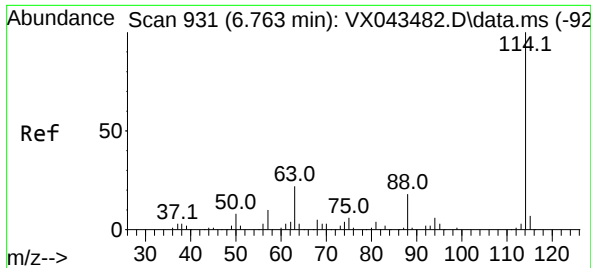
Tgt Ion:168 Resp: 82048
Ion Ratio Lower Upper
168 100
99 62.9 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 43.259 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion: 65 Resp: 60893
Ion Ratio Lower Upper
65 100
67 50.1 0.0 98.4

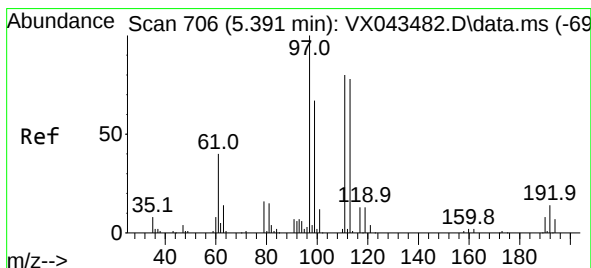
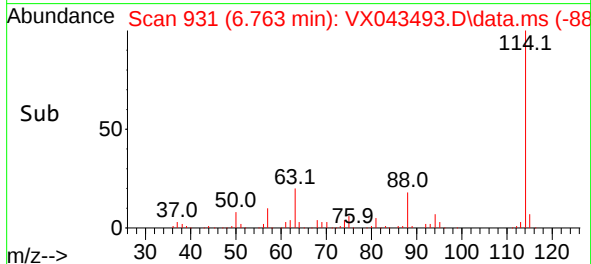
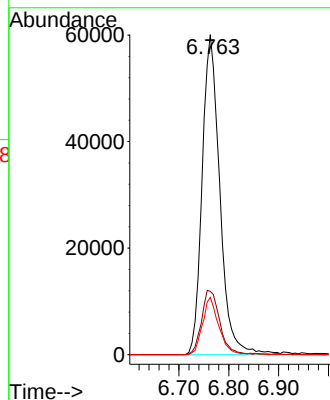
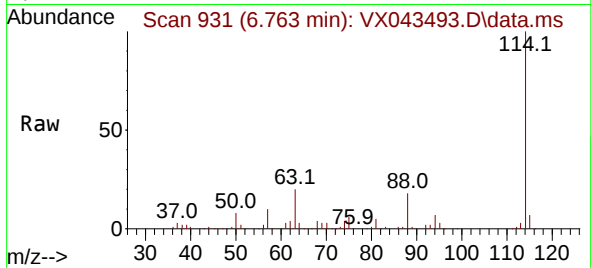




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

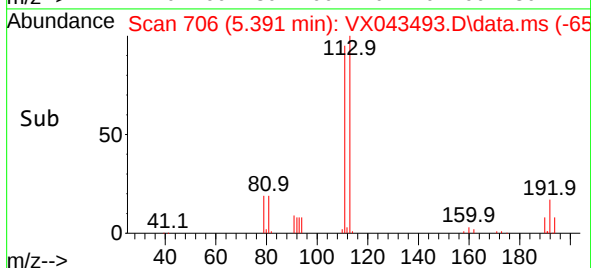
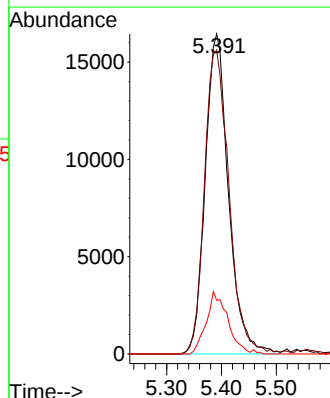
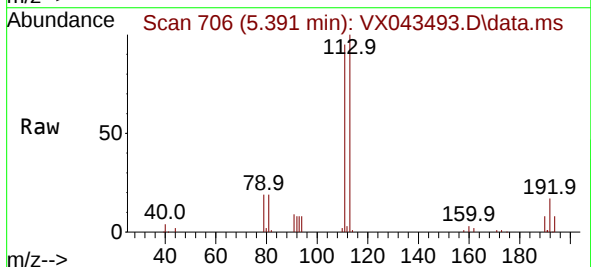
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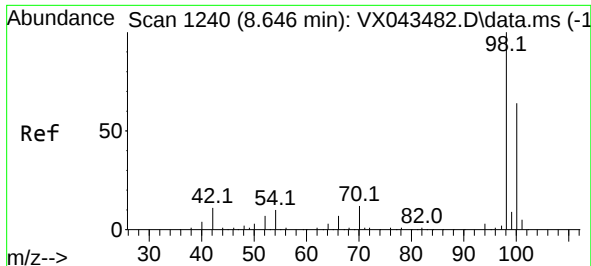
Tgt Ion:114 Resp: 147768
Ion Ratio Lower Upper
114 100
63 19.8 0.0 44.0
88 17.9 0.0 35.2



#35
Dibromofluoromethane
Concen: 47.653 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion:113 Resp: 48436
Ion Ratio Lower Upper
113 100
111 100.2 82.1 123.1
192 17.8 13.8 20.8

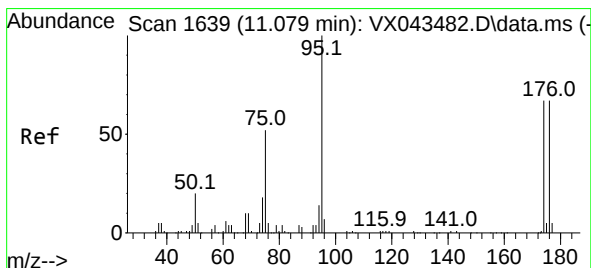
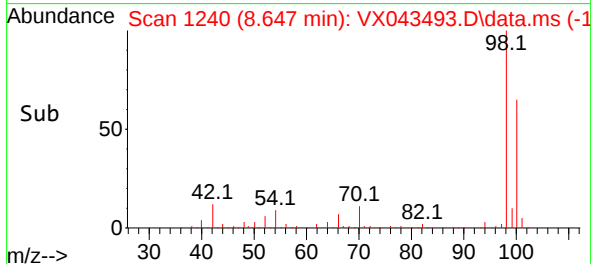
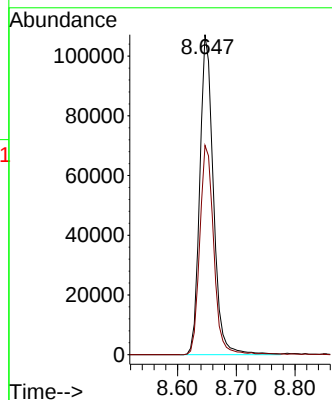
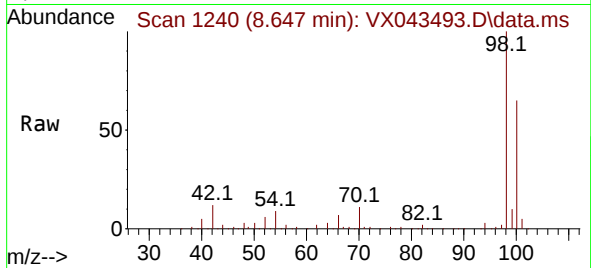




#50
Toluene-d8
Concen: 48.324 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

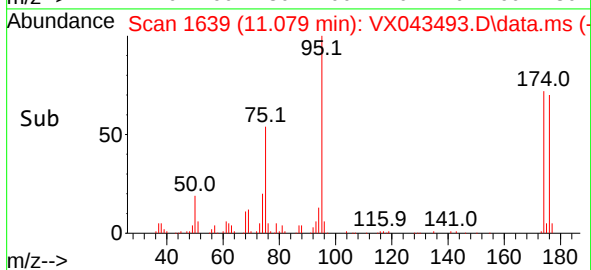
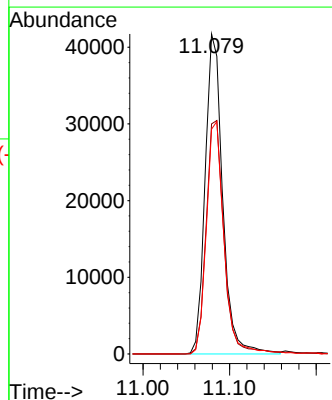
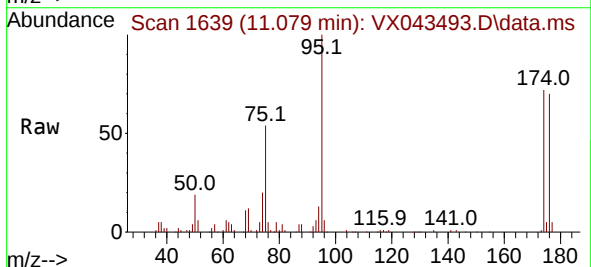
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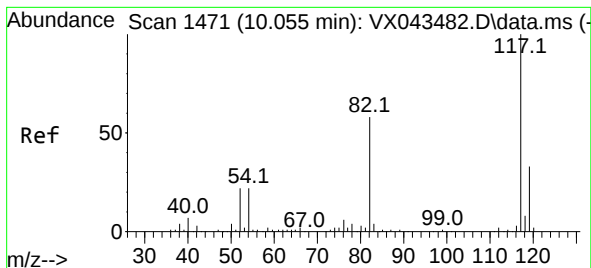
Tgt Ion: 98 Resp: 172405
Ion Ratio Lower Upper
98 100
100 67.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion: 95 Resp: 58608
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.6
176 73.3 0.0 142.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043493.D

Acq: 23 Oct 2024 17:22

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

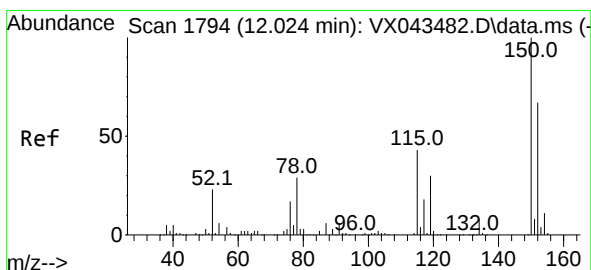
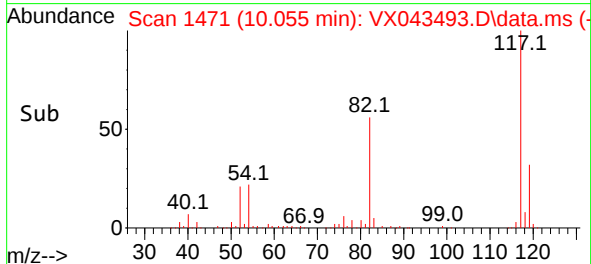
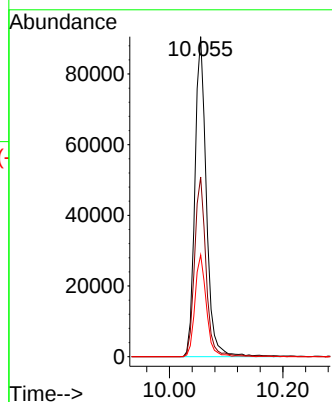
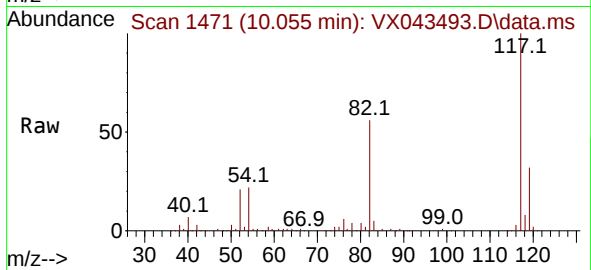
Tgt Ion:117 Resp: 127450

Ion Ratio Lower Upper

117 100

82 56.1 46.0 69.0

119 31.8 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043493.D

Acq: 23 Oct 2024 17:22

Tgt Ion:152 Resp: 49811

Ion Ratio Lower Upper

152 100

115 63.5 43.4 130.2

150 157.7 0.0 337.2

