

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045938.D
 Acq On : 25 Apr 2025 13:00
 Operator : JC/MD
 Sample : Q1888-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 25 23:01:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69579	55.118	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.240%
35) Dibromofluoromethane	5.385	113	50232	51.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	8.647	98	169712	49.600	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	62179	49.890	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.780%

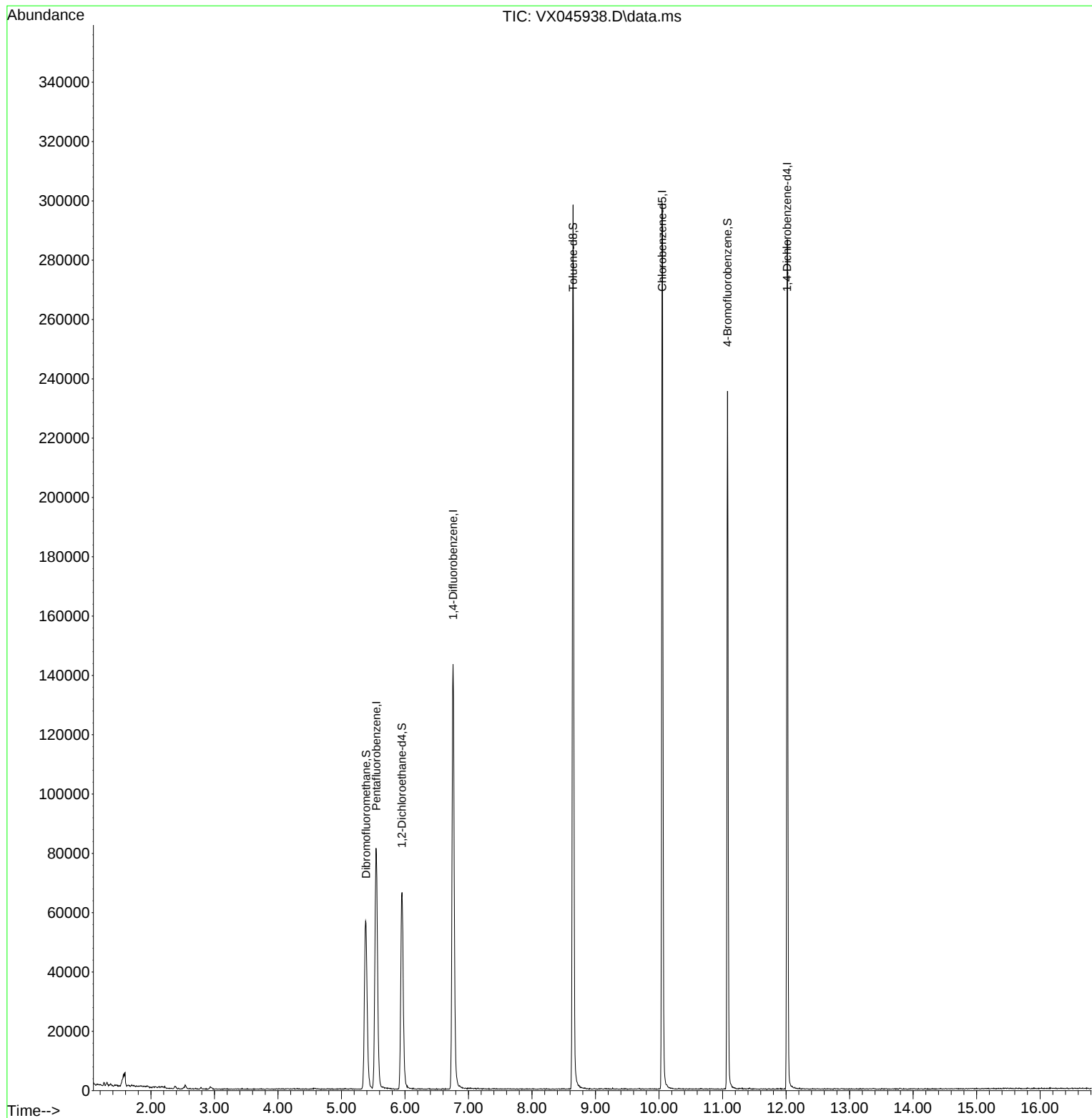
Target Compounds	Qvalue

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

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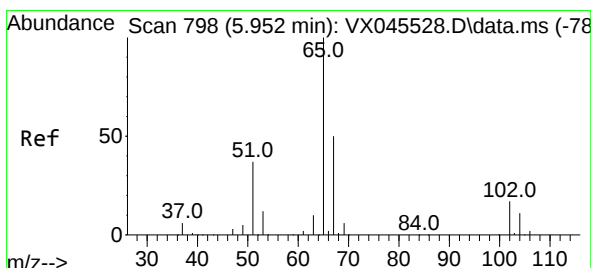
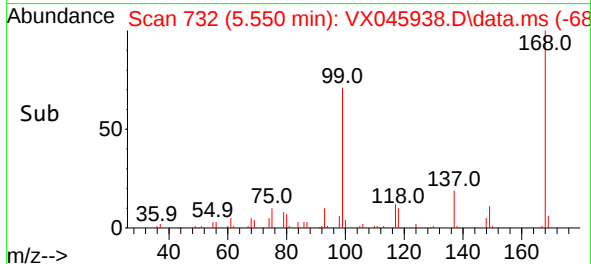
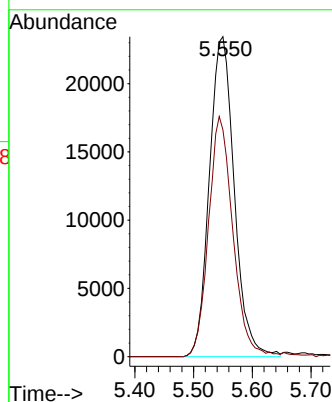
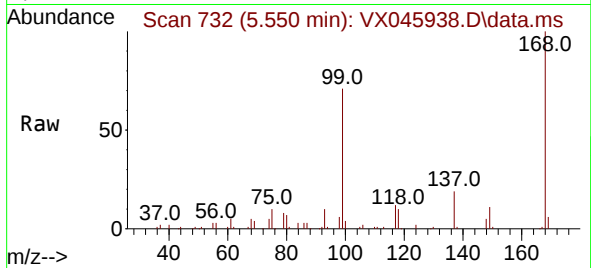




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX045938.D
Acq: 25 Apr 2025 13:00

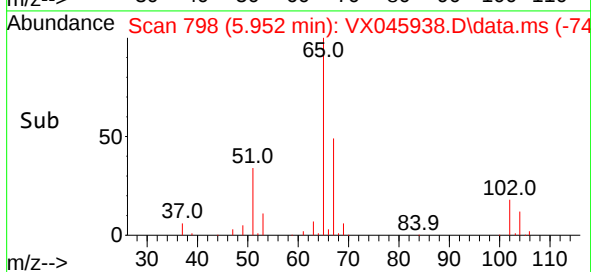
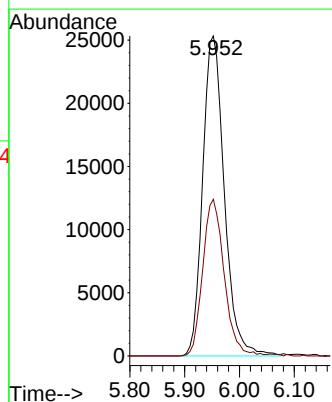
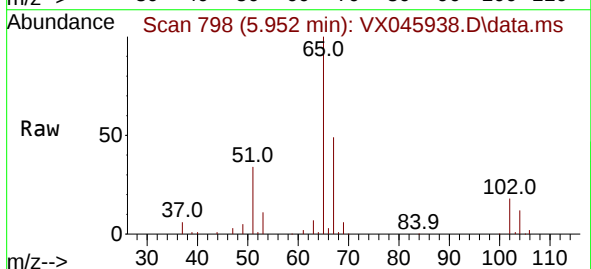
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

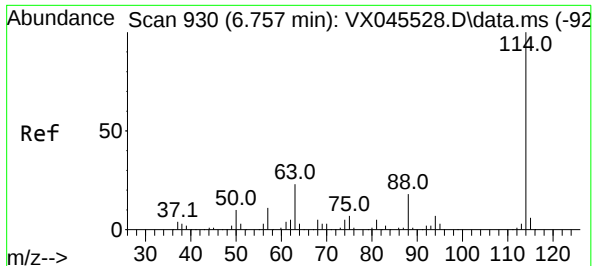
Tgt Ion:168 Resp: 69029
Ion Ratio Lower Upper
168 100
99 70.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 55.118 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045938.D
Acq: 25 Apr 2025 13:00

Tgt Ion: 65 Resp: 69579
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0

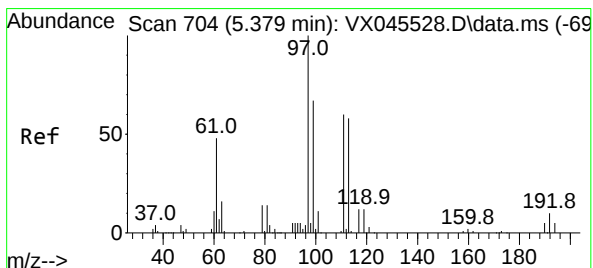
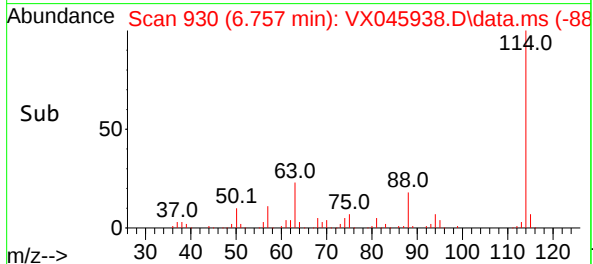
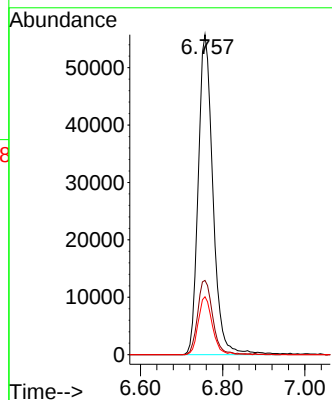
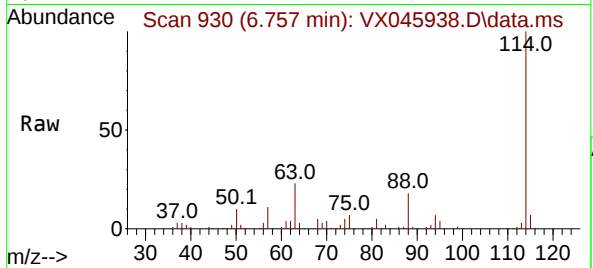




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045938.D
 Acq: 25 Apr 2025 13:00

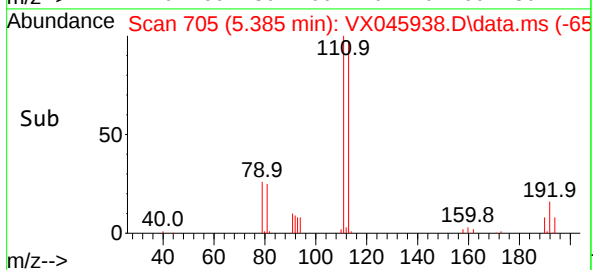
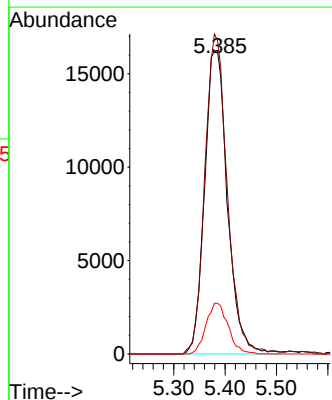
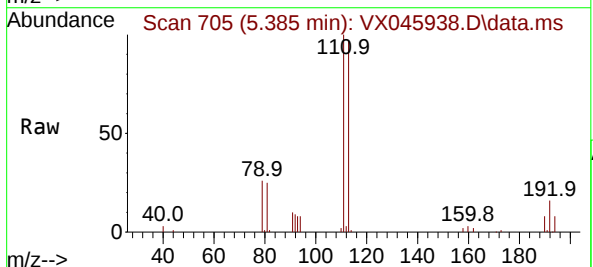
Instrument :
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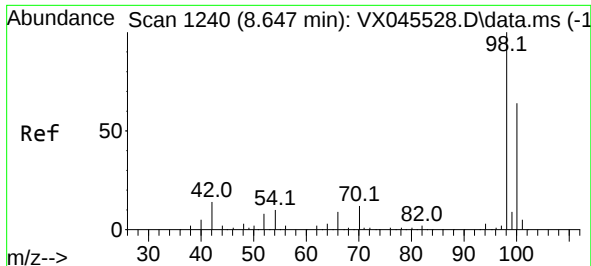
Tgt Ion:114 Resp: 138167
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.8
 88 18.1 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.242 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045938.D
 Acq: 25 Apr 2025 13:00

Tgt Ion:113 Resp: 50232
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.6
 192 16.1 13.8 20.6





#50

Toluene-d8

Concen: 49.600 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045938.D

Acq: 25 Apr 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

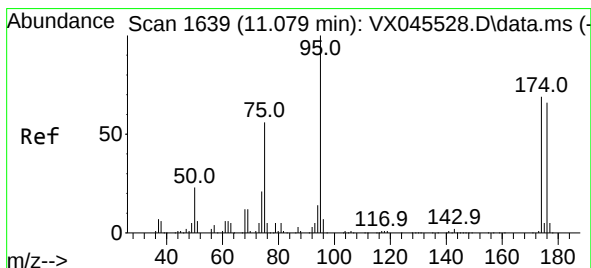
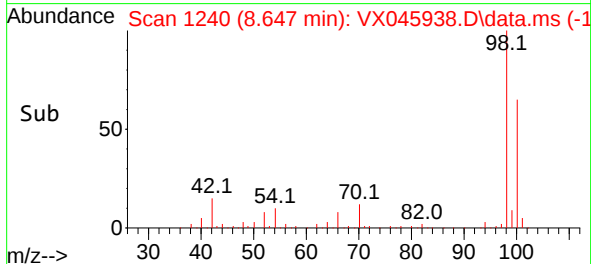
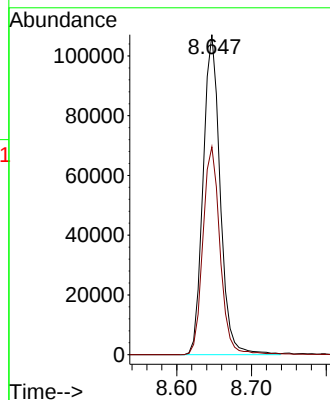
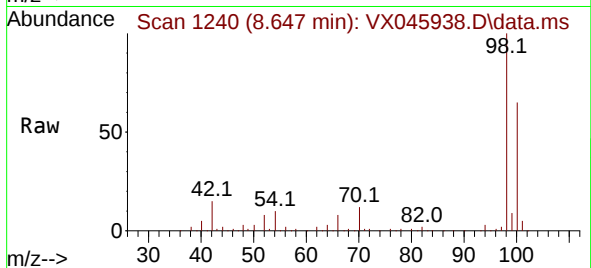
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 169712

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 49.890 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045938.D

Acq: 25 Apr 2025 13:00

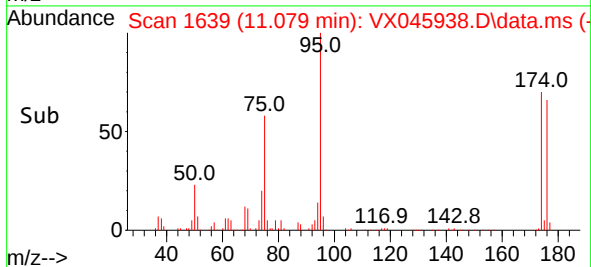
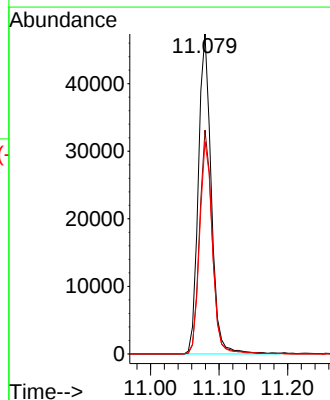
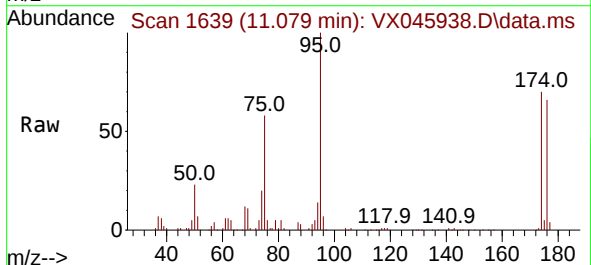
Tgt Ion: 95 Resp: 62179

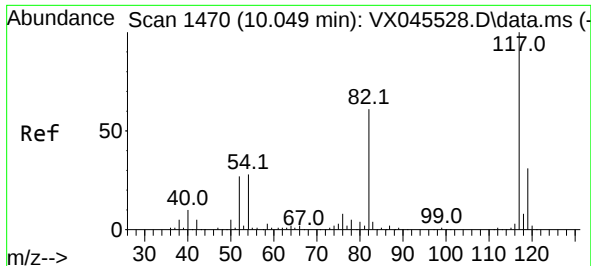
Ion Ratio Lower Upper

95 100

174 68.7 0.0 135.8

176 65.9 0.0 131.4

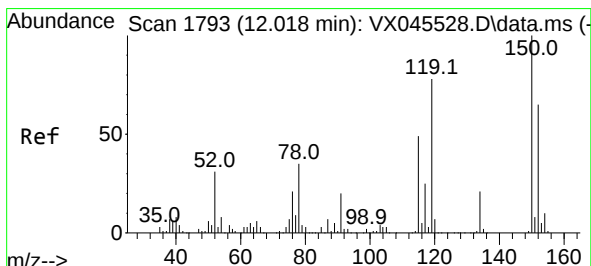
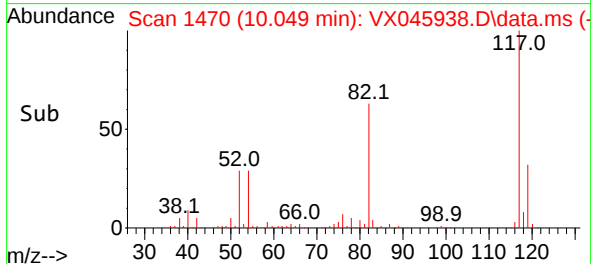
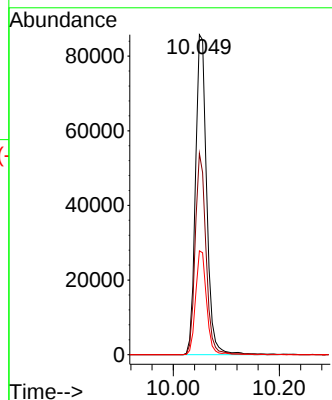
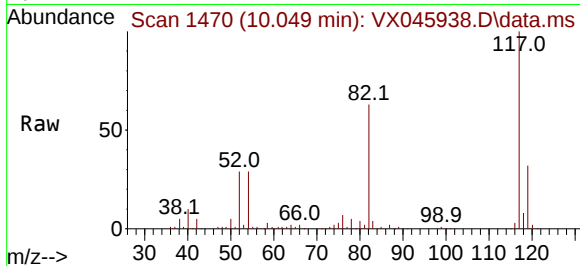




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045938.D
Acq: 25 Apr 2025 13:00

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

Tgt Ion:117 Resp: 125473
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 32.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045938.D
Acq: 25 Apr 2025 13:00

Tgt Ion:152 Resp: 52236
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 156.3 0.0 349.4

