

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046450.D
 Acq On : 02 Jun 2025 17:32
 Operator : JC/MD
 Sample : Q2161-01
 Misc : 5.16g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B27-SOIL-SAMPLE

Quant Time: Jun 03 01:34:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	63815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54091	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59721	50.198	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.400%
35) Dibromofluoromethane	5.379	113	42427	47.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.647	98	156991	50.645	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.280%
62) 4-Bromofluorobenzene	11.079	95	61868	52.031	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.060%

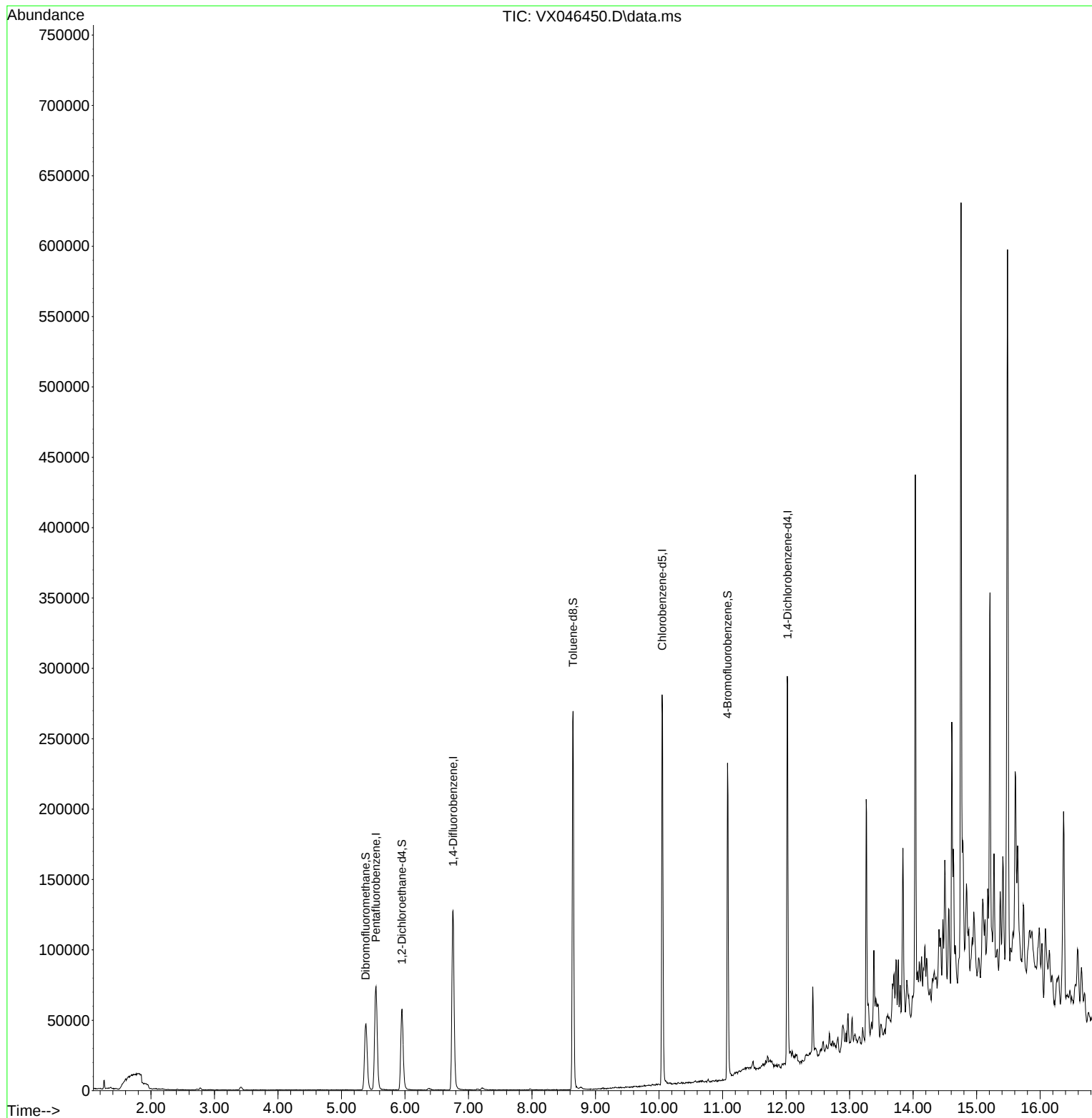
Target Compounds	Qvalue

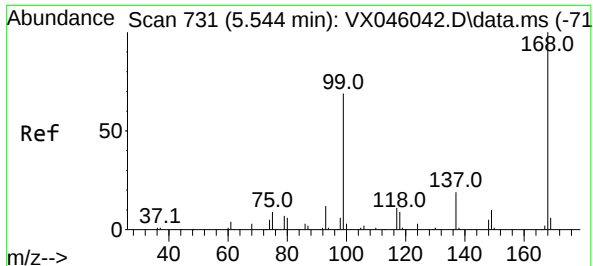
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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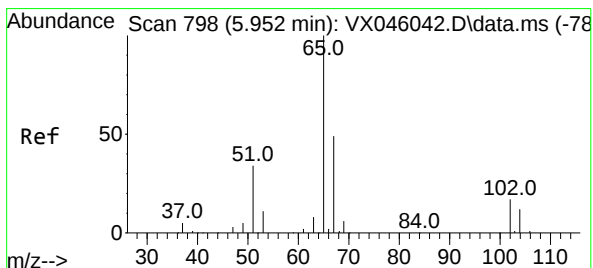
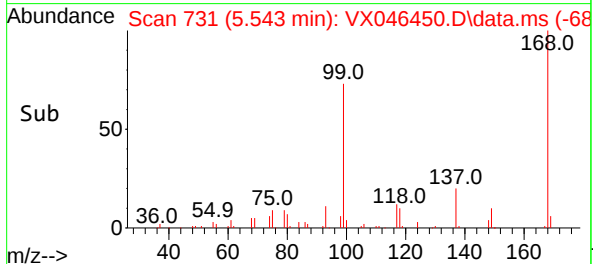
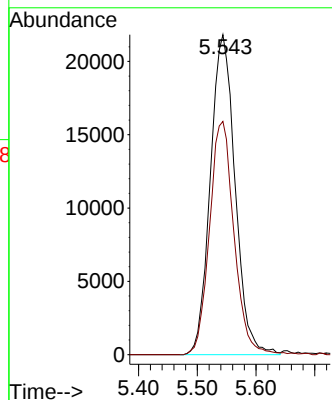
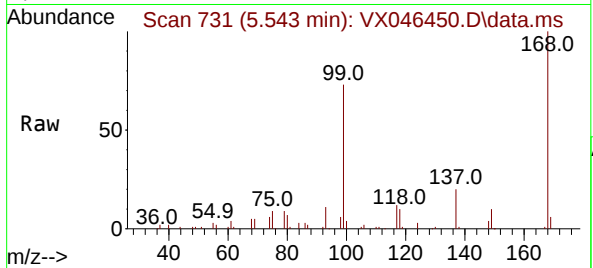




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.001 min
Lab File: VX046450.D
Acq: 02 Jun 2025 17:32

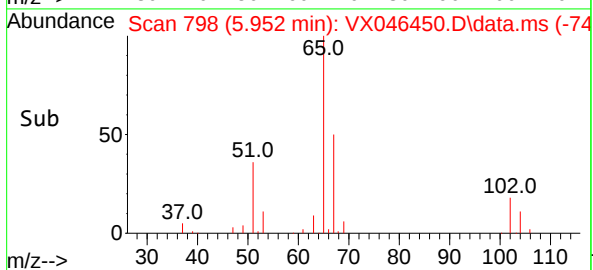
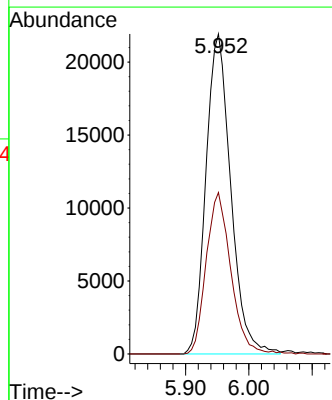
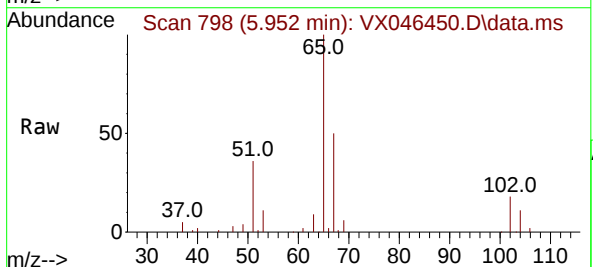
Instrument :
MSVOA_X
ClientSampleId :
B27-SOIL-SAMPLE

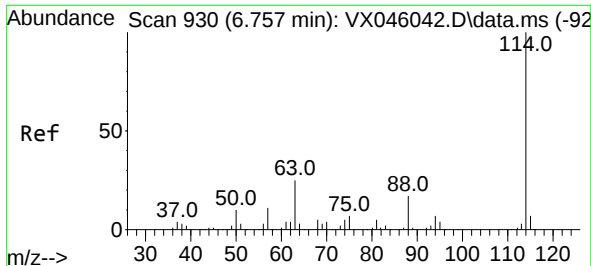
Tgt Ion:168 Resp: 63815
Ion Ratio Lower Upper
168 100
99 72.9 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 50.198 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046450.D
Acq: 02 Jun 2025 17:32

Tgt Ion: 65 Resp: 59721
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0

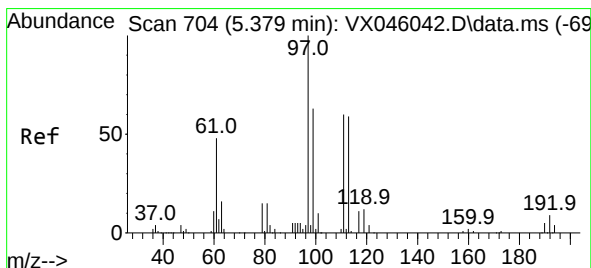
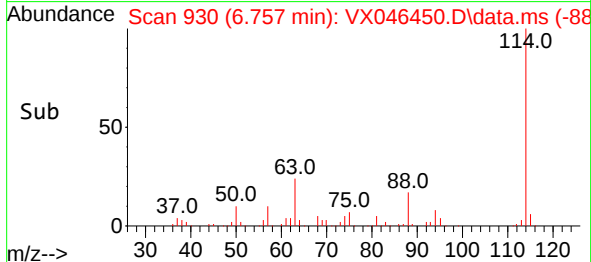
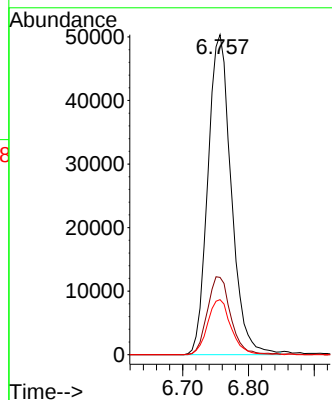
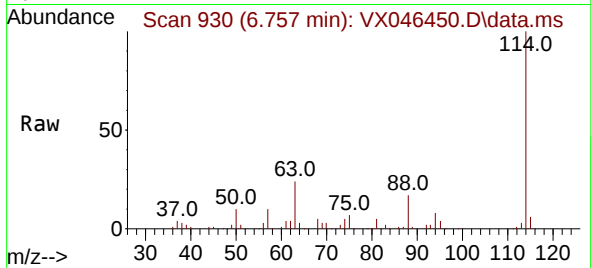




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046450.D
Acq: 02 Jun 2025 17:32

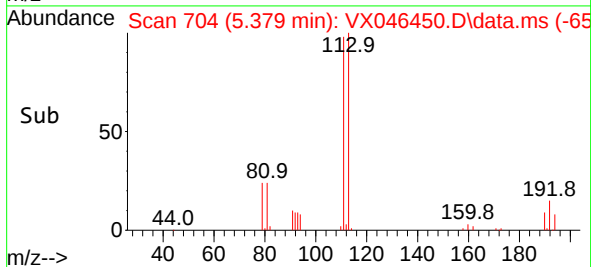
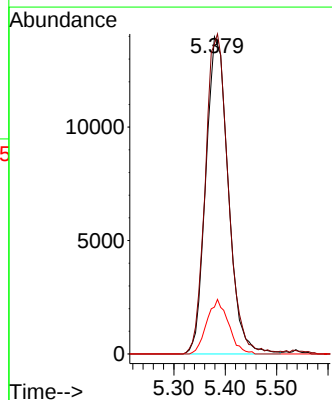
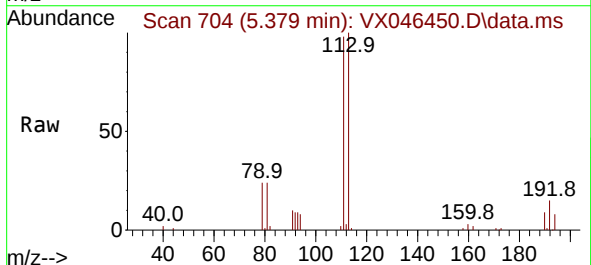
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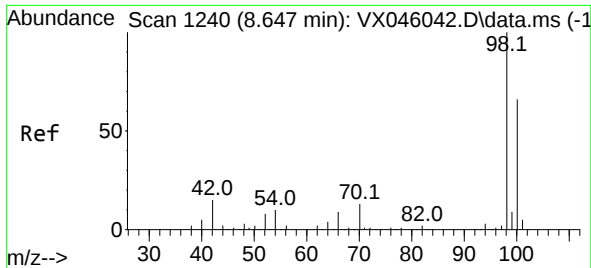
Tgt Ion:114 Resp: 124373
Ion Ratio Lower Upper
114 100
63 24.1 0.0 49.2
88 17.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 47.372 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046450.D
Acq: 02 Jun 2025 17:32

Tgt Ion:113 Resp: 42427
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 16.6 13.3 19.9

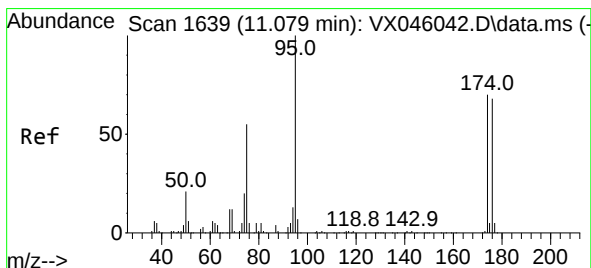
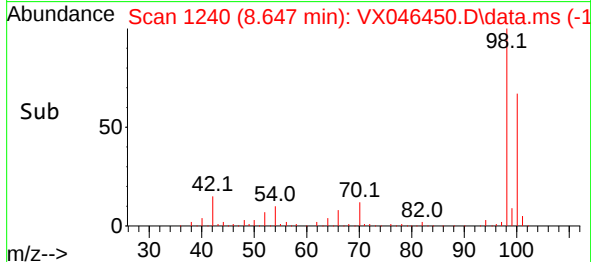
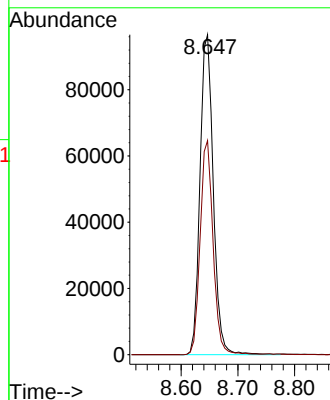
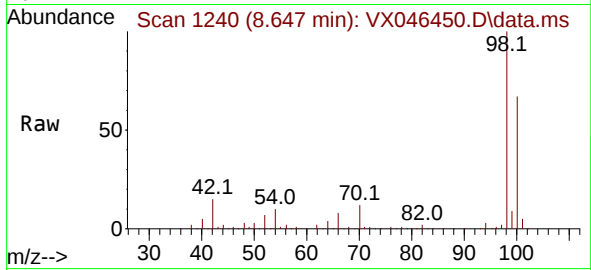




#50
Toluene-d8
Concen: 50.645 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046450.D
Acq: 02 Jun 2025 17:32

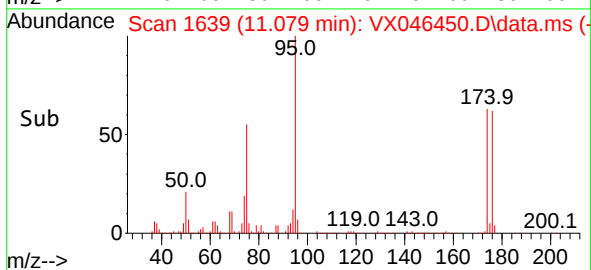
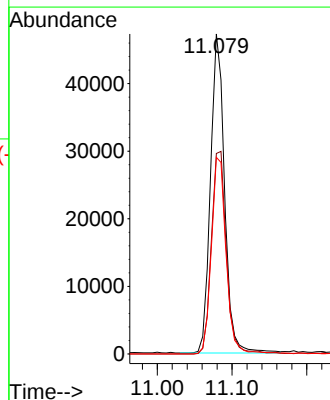
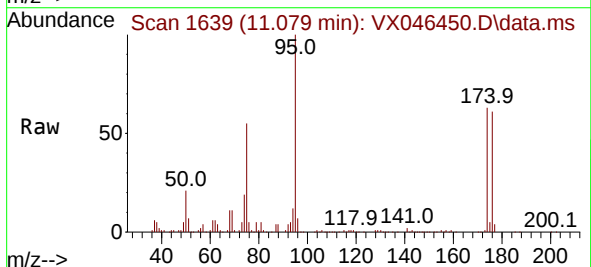
Instrument :
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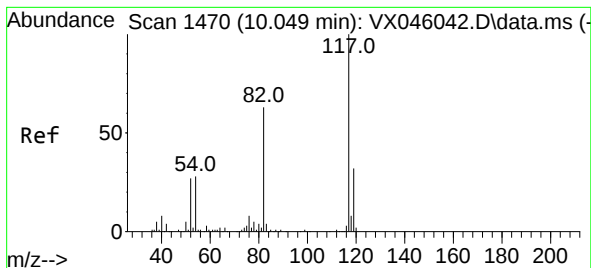
Tgt Ion: 98 Resp: 156991
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046450.D
Acq: 02 Jun 2025 17:32

Tgt Ion: 95 Resp: 61868
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 64.5 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: VX046450.D

Acq: 02 Jun 2025 17:32

Instrument :

MSVOA_X

ClientSampleId :

B27-SOIL-SAMPLE

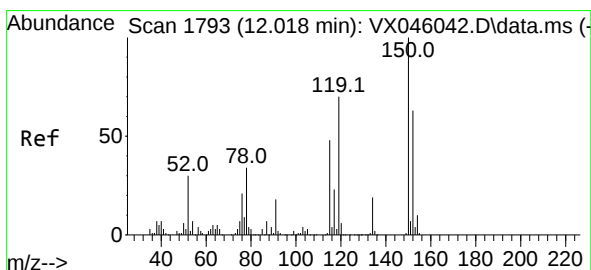
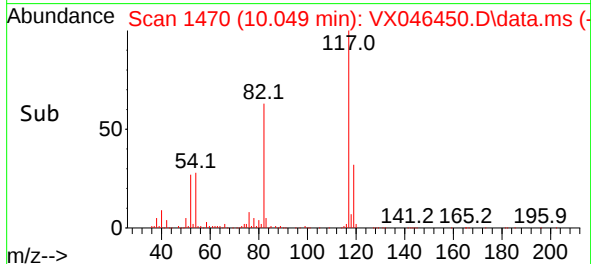
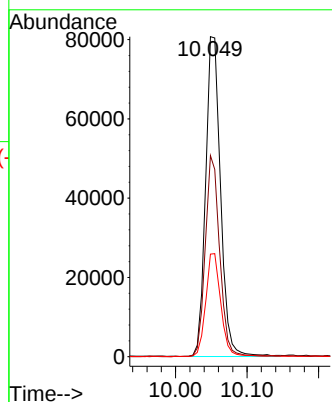
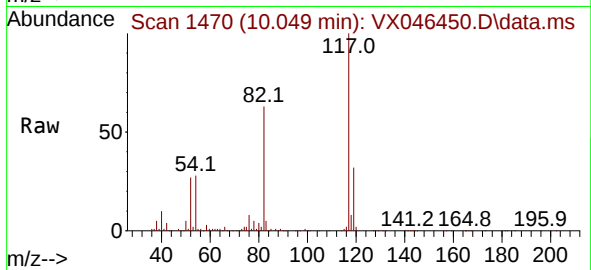
Tgt Ion:117 Resp: 117389

Ion Ratio Lower Upper

117 100

82 62.8 50.6 76.0

119 32.0 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX046450.D

Acq: 02 Jun 2025 17:32

Tgt Ion:152 Resp: 54091

Ion Ratio Lower Upper

152 100

115 65.1 46.9 140.7

150 152.9 0.0 351.0

