

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046439.D
 Acq On : 02 Jun 2025 12:50
 Operator : JC/MD
 Sample : Q2164-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 03 01:28:52 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	5.550	168	66133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66235	53.722	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.440%	
35) Dibromofluoromethane	5.379	113	47880	50.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.960%	
50) Toluene-d8	8.647	98	167189	50.932	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	11.079	95	63638	50.540	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.080%	

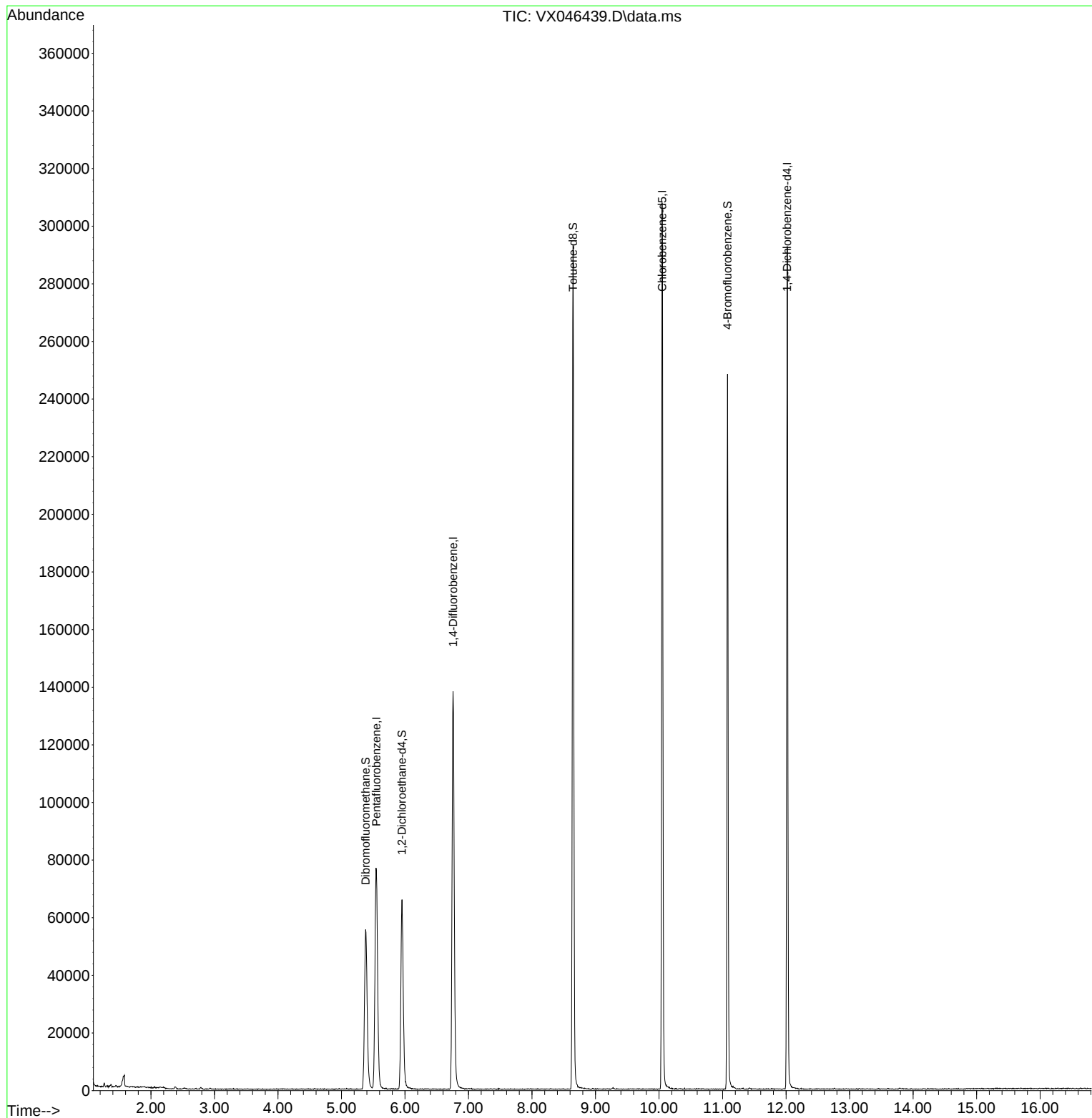
Target Compounds	Qvalue

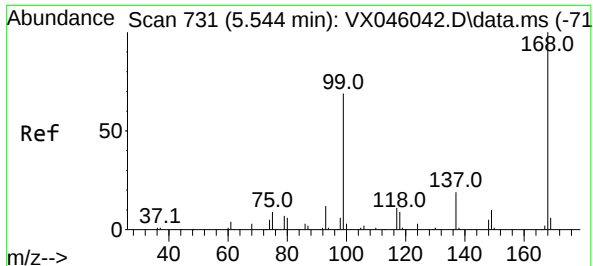
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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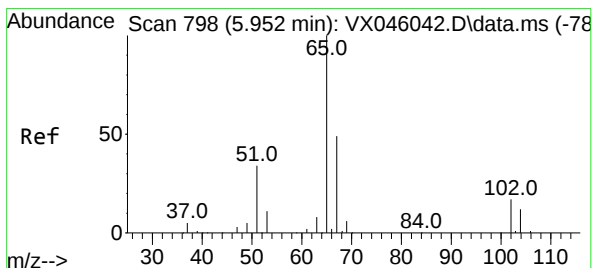
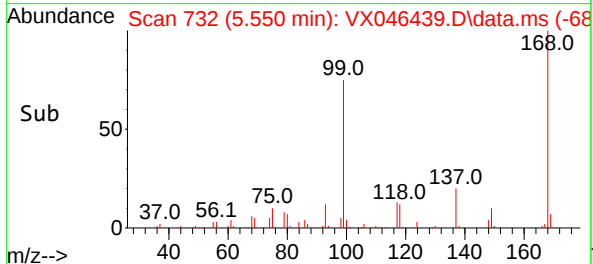
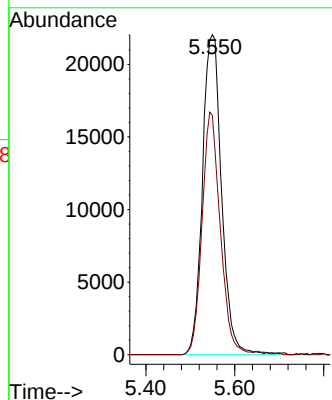
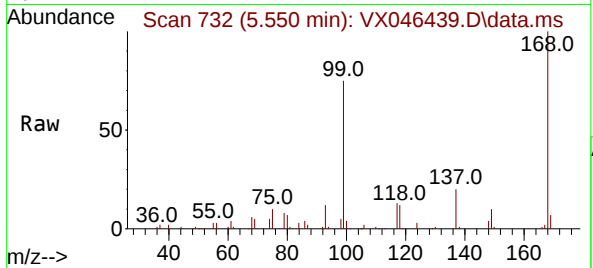




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

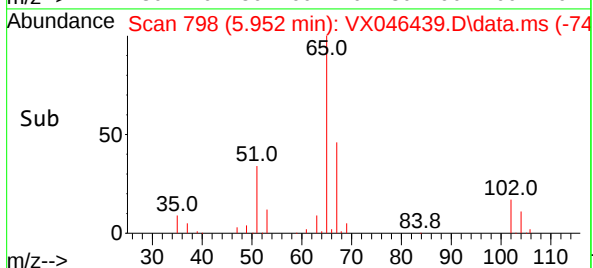
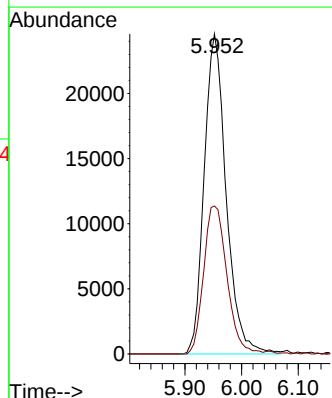
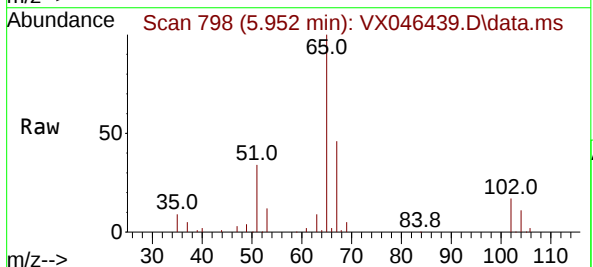
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

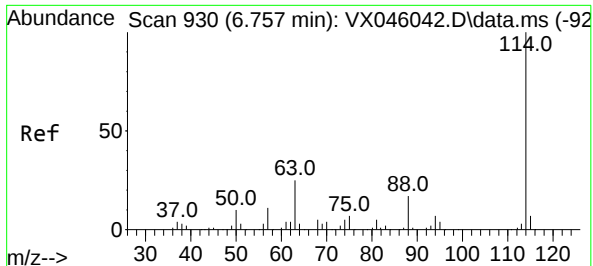
Tgt Ion:168 Resp: 66133
Ion Ratio Lower Upper
168 100
99 74.7 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.722 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

Tgt Ion: 65 Resp: 66235
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

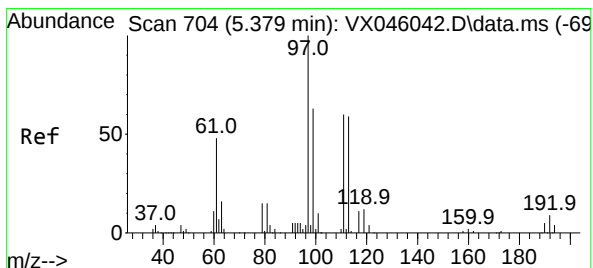
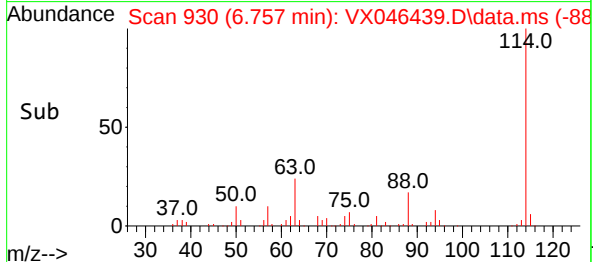
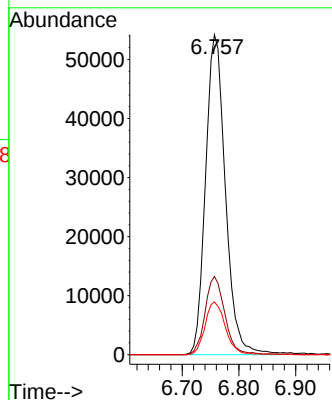
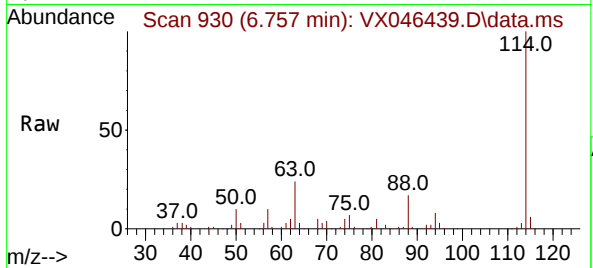




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

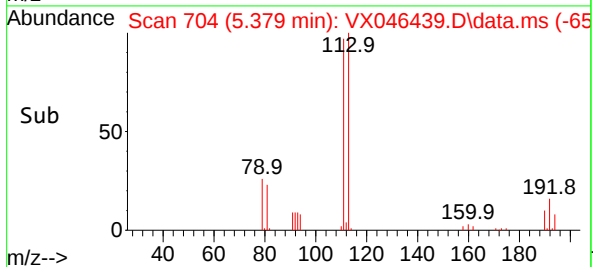
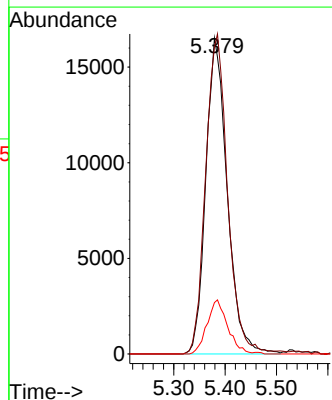
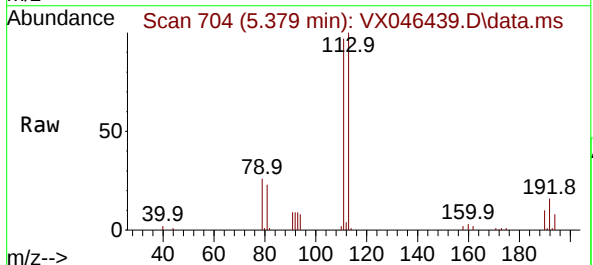
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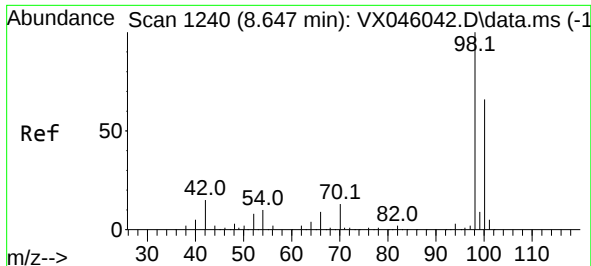
Tgt Ion:114 Resp: 131706
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.484 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

Tgt Ion:113 Resp: 47880
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 16.4 13.3 19.9

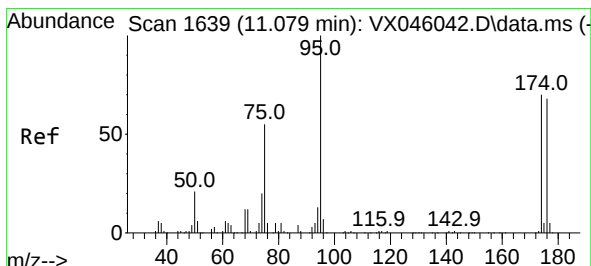
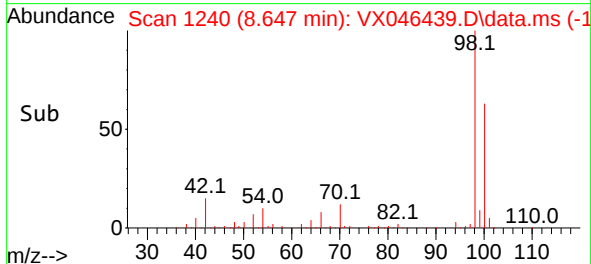
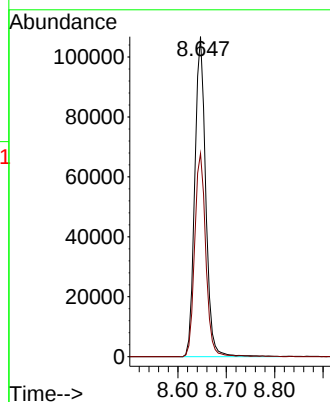
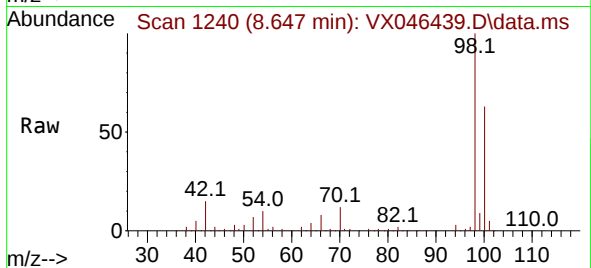




#50
Toluene-d8
Concen: 50.932 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

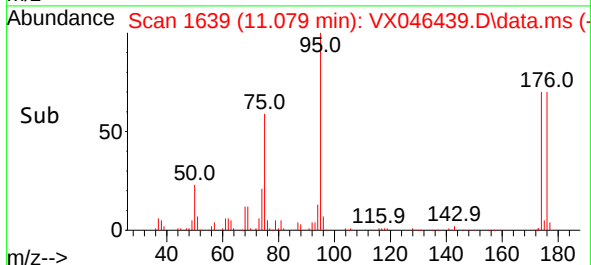
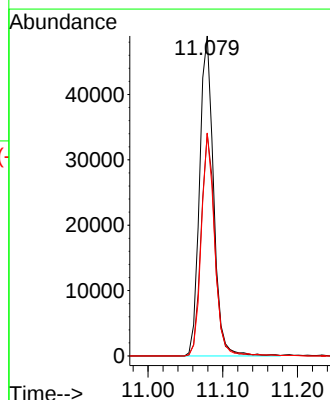
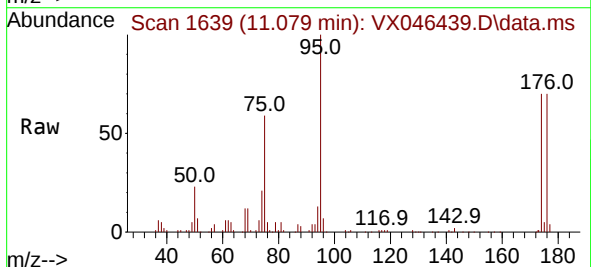
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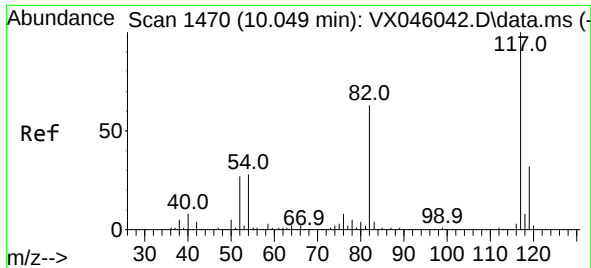
Tgt Ion: 98 Resp: 167189
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

Tgt Ion: 95 Resp: 63638
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 66.4 0.0 131.4

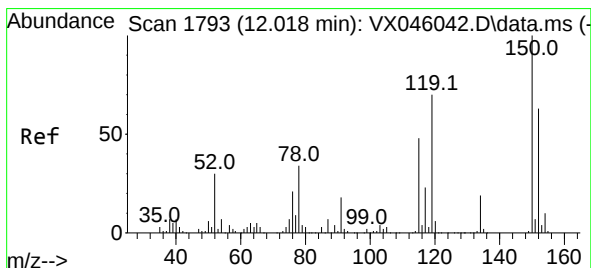
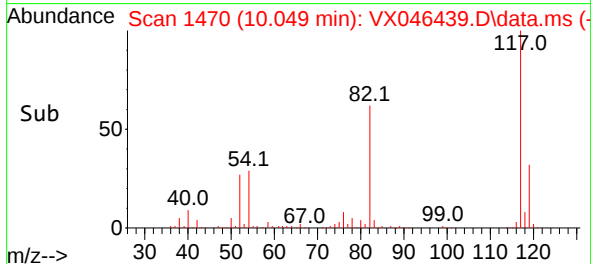
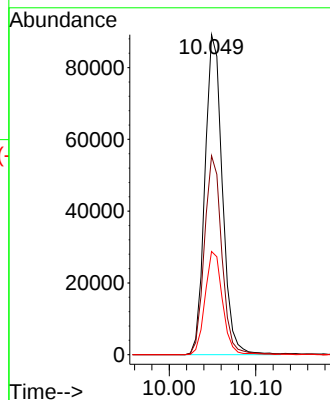
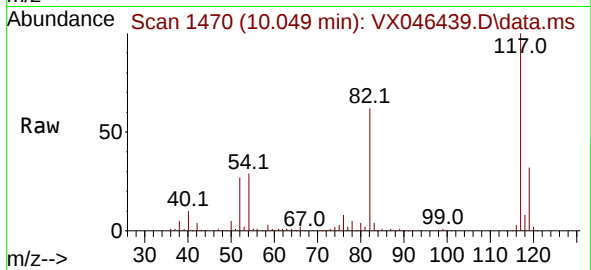




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 124549
Ion Ratio Lower Upper
117 100
82 62.2 50.6 76.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

Tgt Ion:152 Resp: 53109
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 159.3 0.0 351.0

