

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)

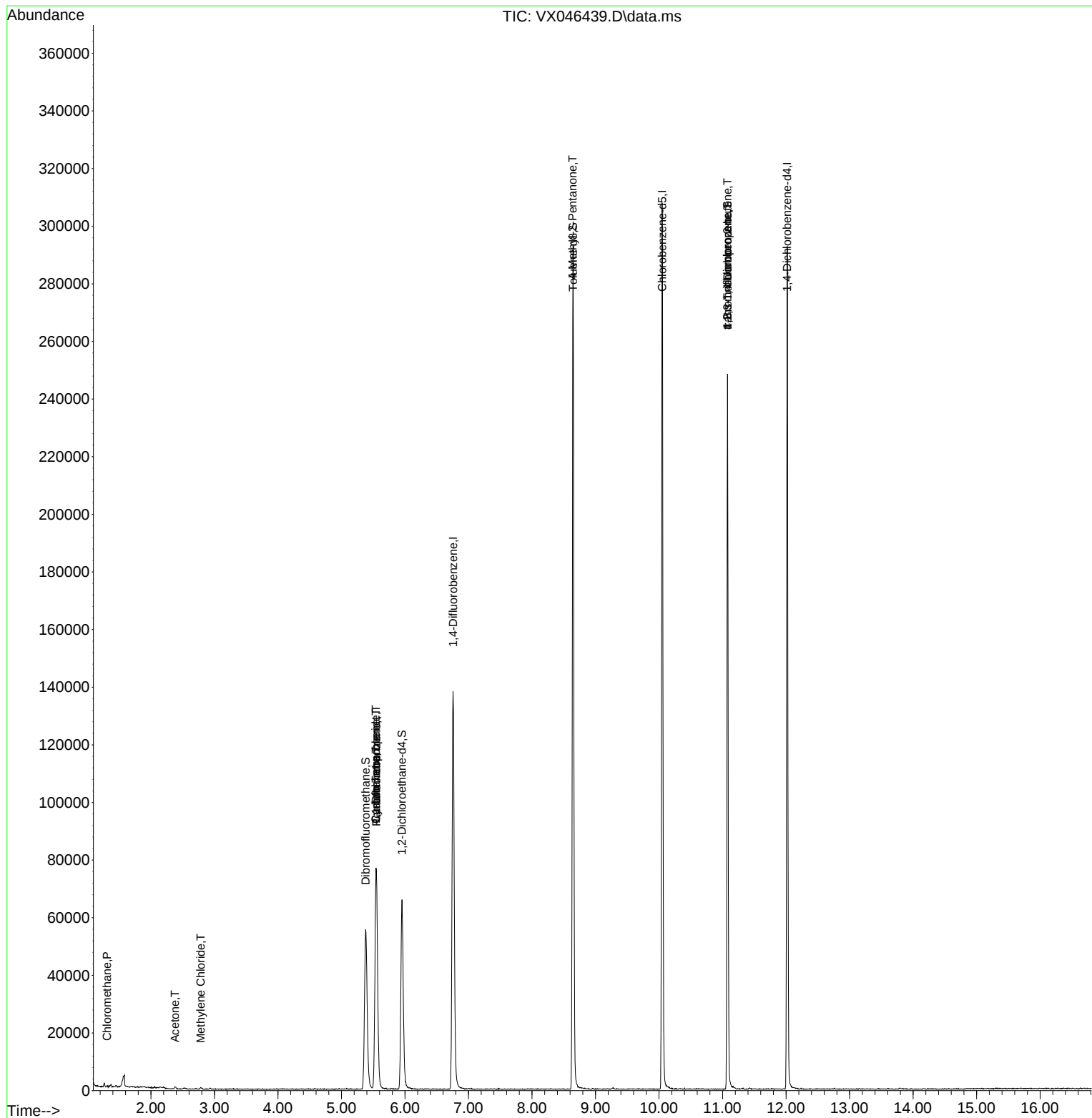
Internal Standards						
1) Pentafluorobenzene	5.550	168	66133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
3) Chloromethane	1.307	50	494	0.503	ug/l	92
16) Acetone	2.380	43	833	1.685	ug/l #	82
20) Methylene Chloride	2.782	84	271	0.286	ug/l #	60
31) Cyclohexane	5.544	56	1874	1.275	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	6511	5.109	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7868	5.495	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	919	0.576	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37259	29.146	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37259	94.890	ug/l #	1

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

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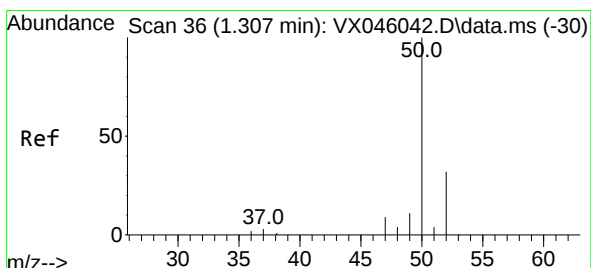
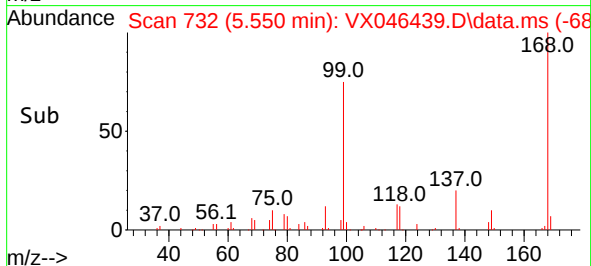
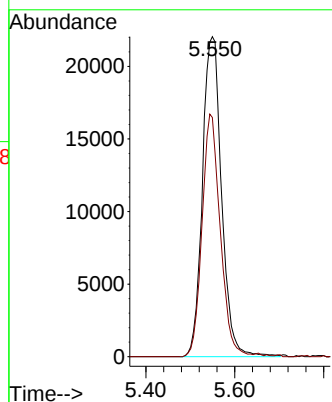
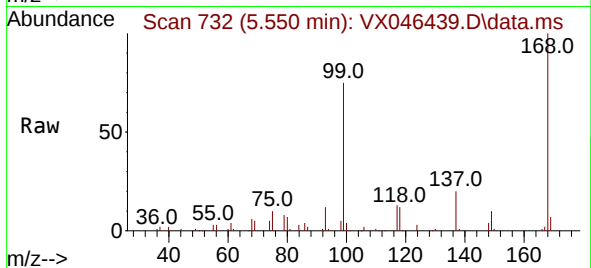




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

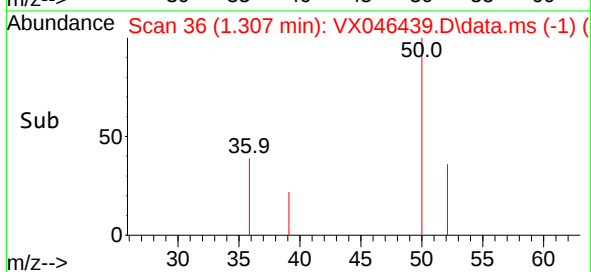
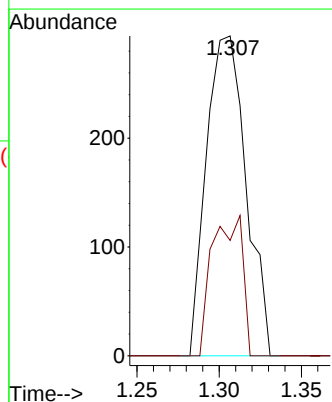
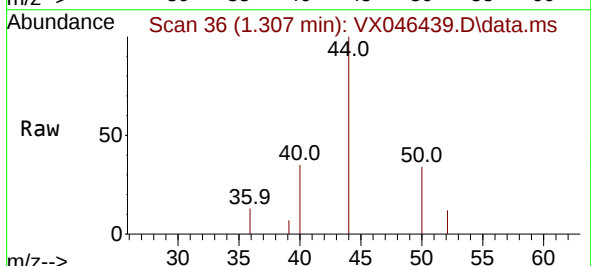
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

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



#3
Chloromethane
Concen: 0.503 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

Tgt Ion: 50 Resp: 494
Ion Ratio Lower Upper
50 100
52 36.1 25.4 38.2

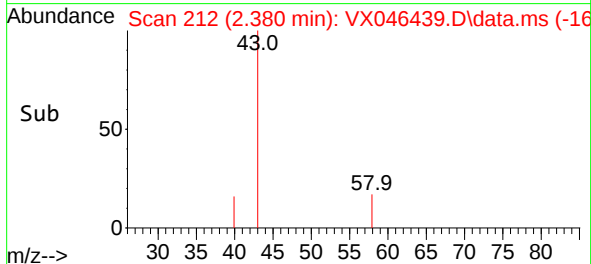
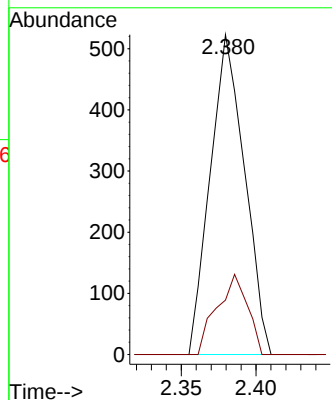
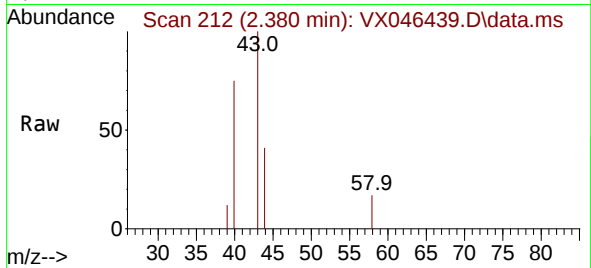




#16
Acetone
Concen: 1.685 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

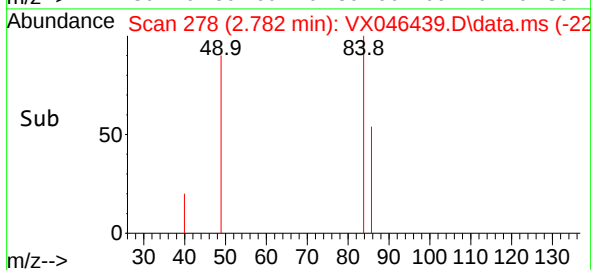
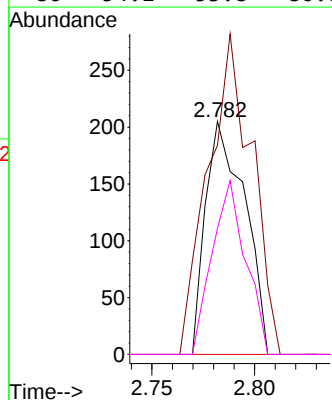
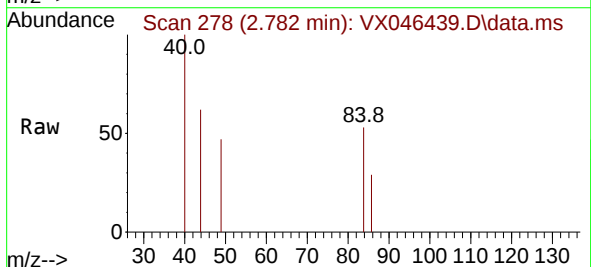
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

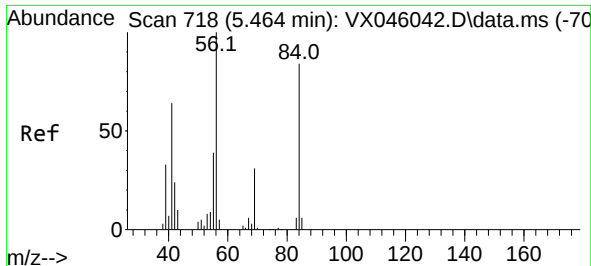
Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 17.0 21.2 31.8#



#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

Tgt Ion: 84 Resp: 271
Ion Ratio Lower Upper
84 100
49 89.8 113.9 170.9#
51 0.0 33.5 50.3#
86 54.1 53.8 80.8

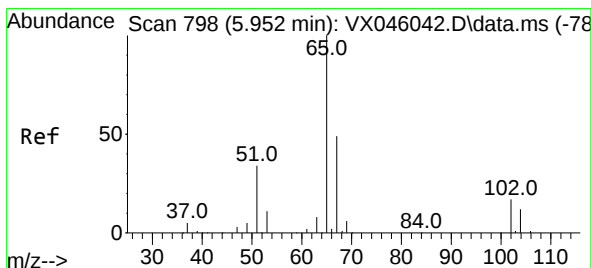
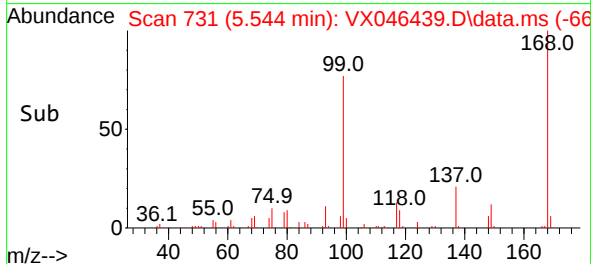
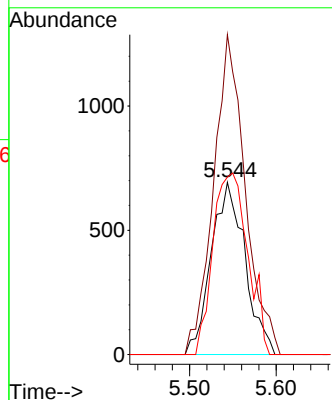
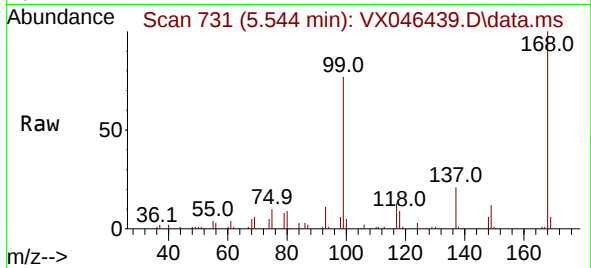




#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

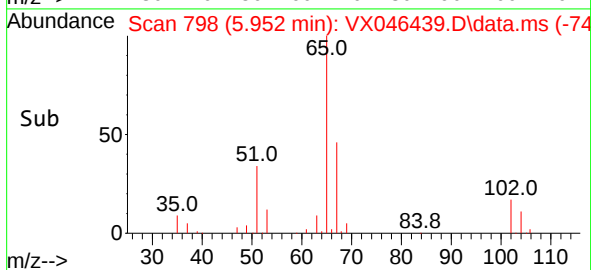
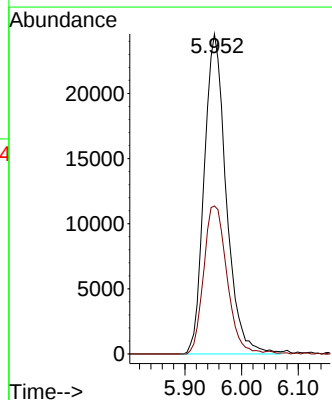
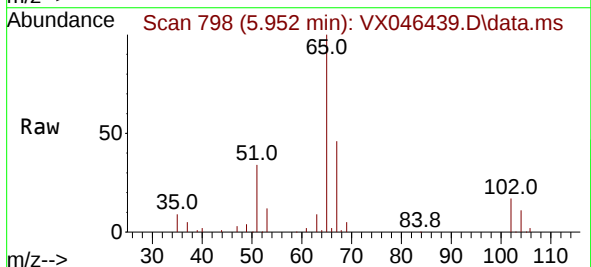
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 56 Resp: 1874
Ion Ratio Lower Upper
56 100
69 185.7 24.4 36.6#
84 103.0 66.9 100.3#



#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

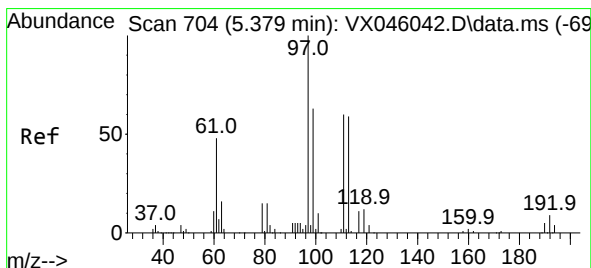
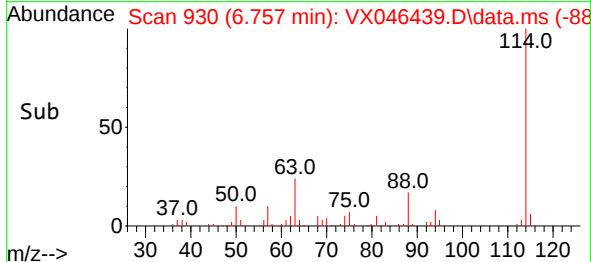
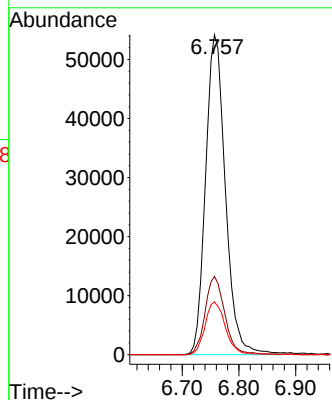
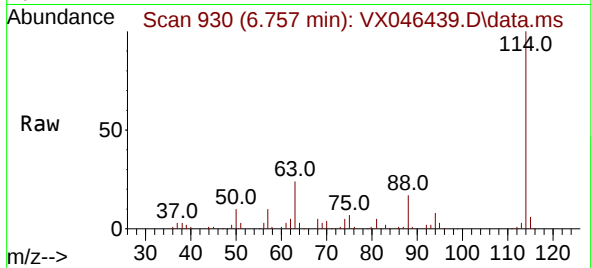




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

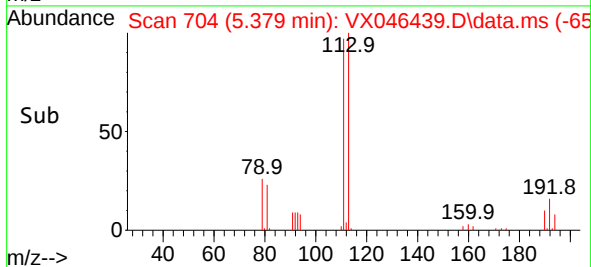
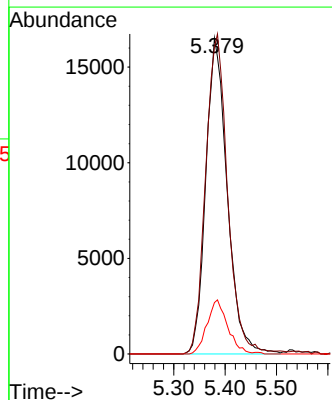
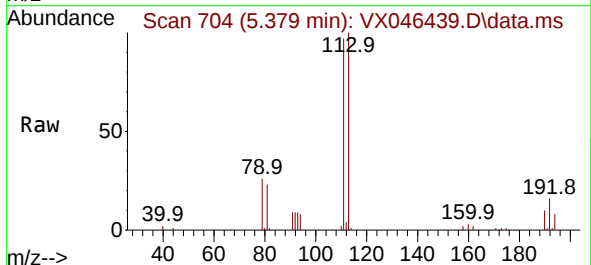
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

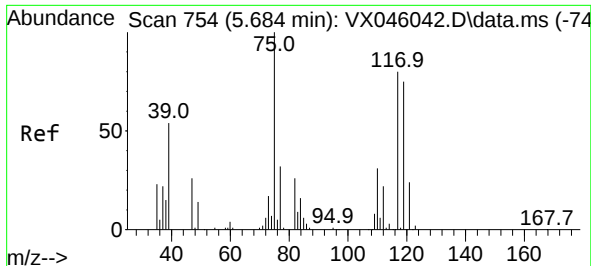
Tgt Ion:114 Resp: 131706
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 16.5 0.0 33.6



#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

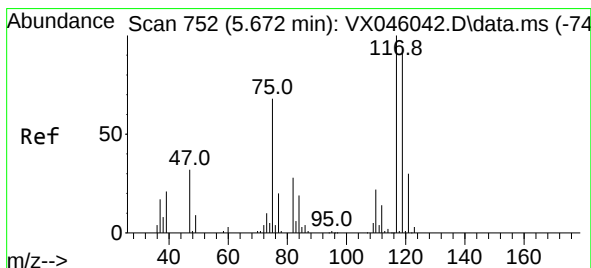
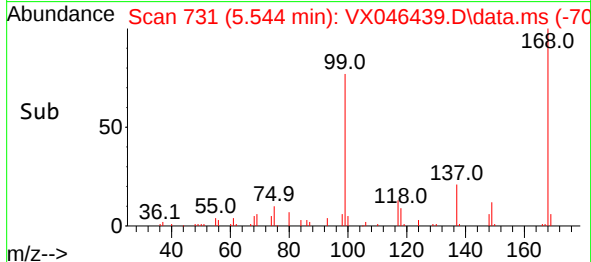
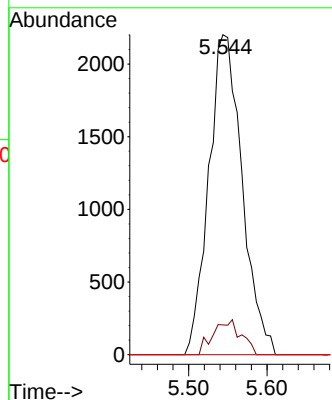
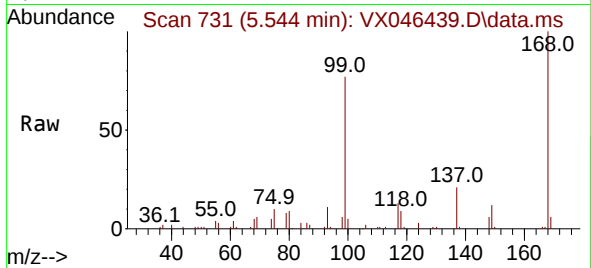




#36
1,1-Dichloropropene
Concen: 5.109 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

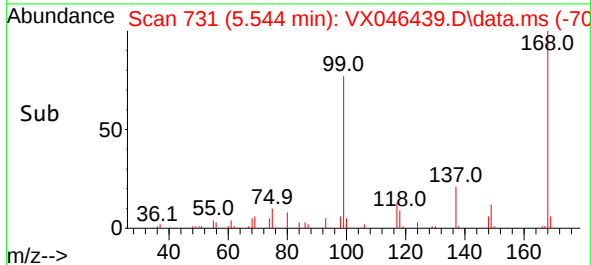
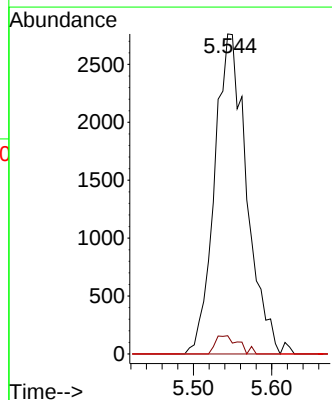
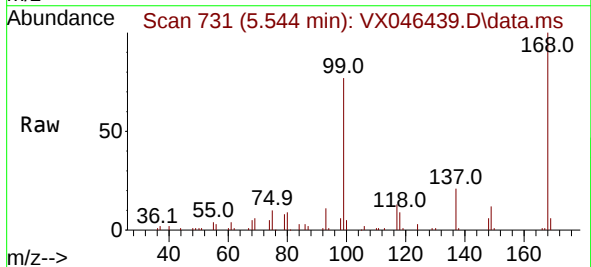
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

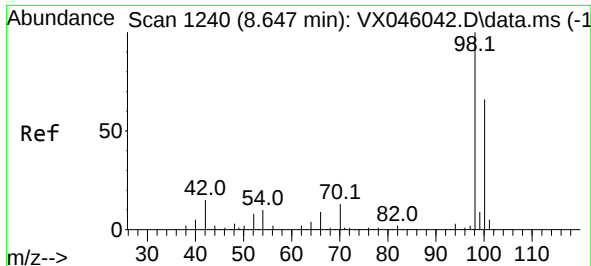
Tgt Ion: 75 Resp: 6511
Ion Ratio Lower Upper
75 100
110 9.1 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

Tgt Ion: 117 Resp: 7868
Ion Ratio Lower Upper
117 100
119 5.7 75.2 112.8#
121 0.0 24.2 36.4#

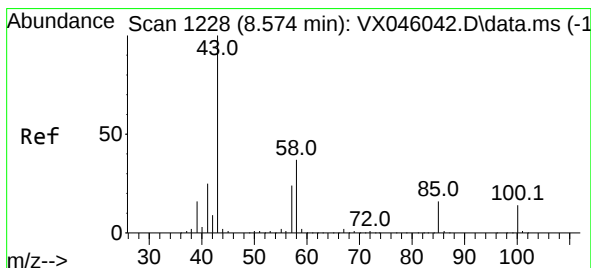
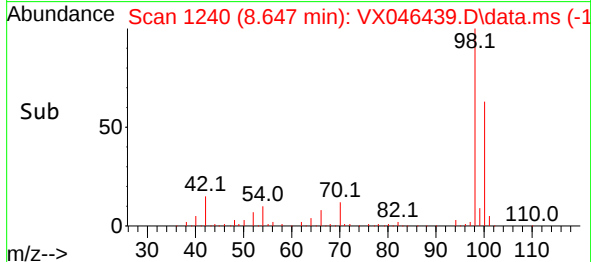
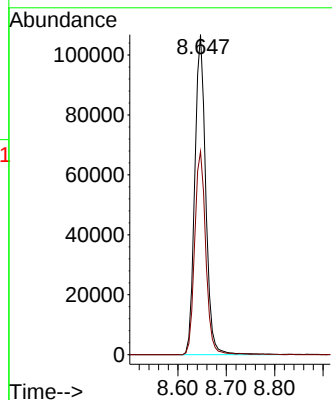
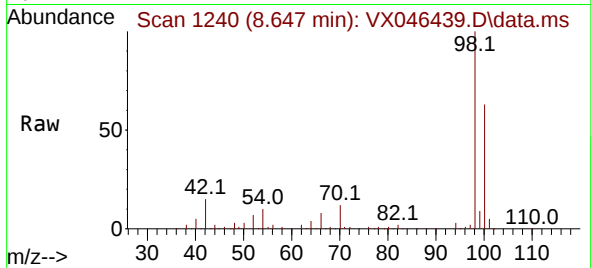




#50
Toluene-d8
Concen: 50.932 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

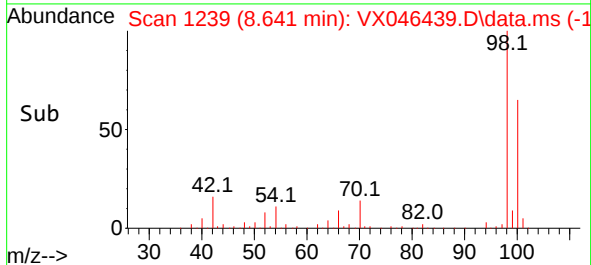
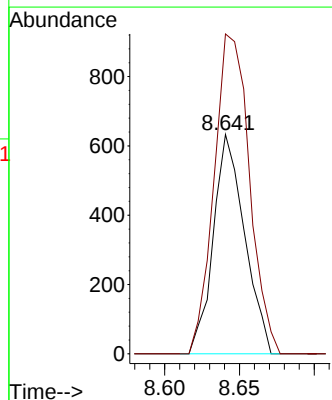
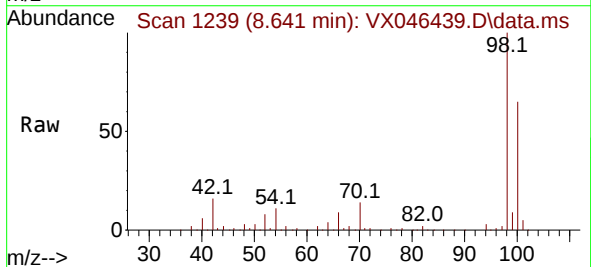
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 167189
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.576 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
58 165.4 28.9 43.3#

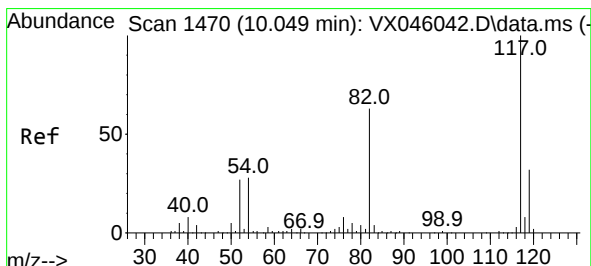
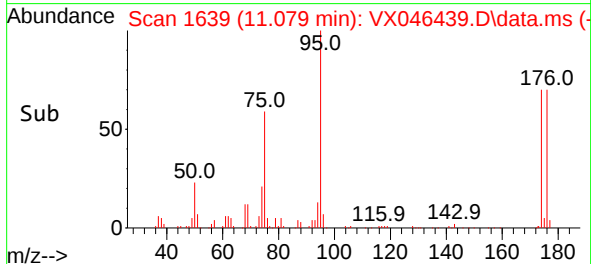
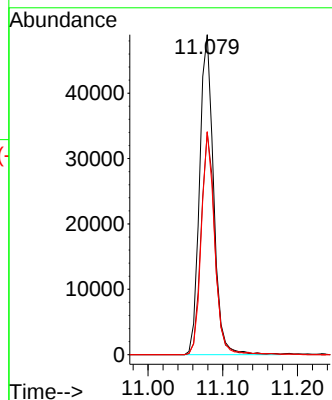
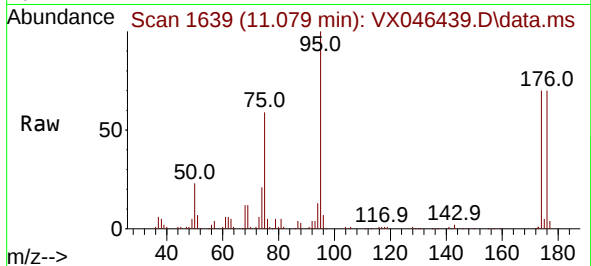




#62
4-Bromofluorobenzene
Concen: 50.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046439.D
Acq: 02 Jun 2025 12:50

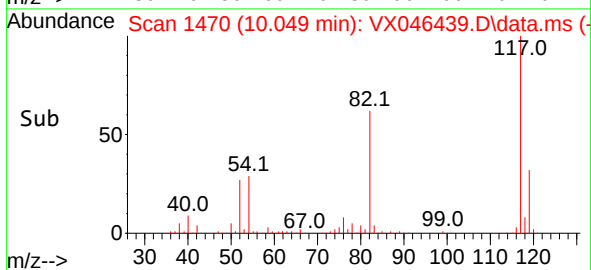
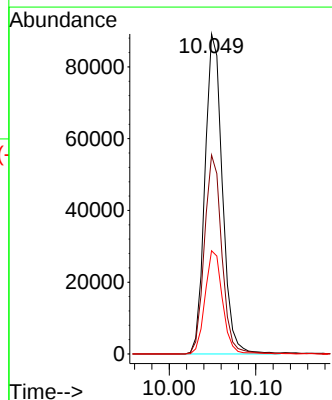
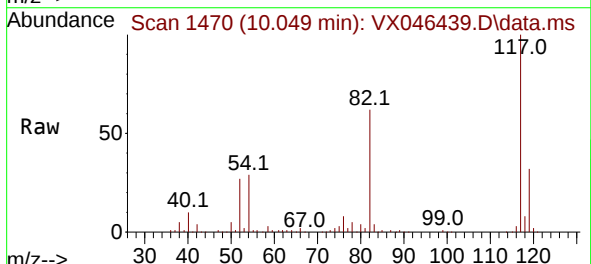
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

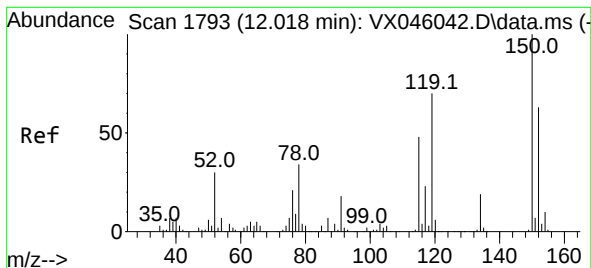
Tgt Ion: 95 Resp: 63638
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 66.4 0.0 131.4



#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

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# 11

Delta R.T. -0.000 min

Lab File: VX046439.D

Acq: 02 Jun 2025 12:50

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

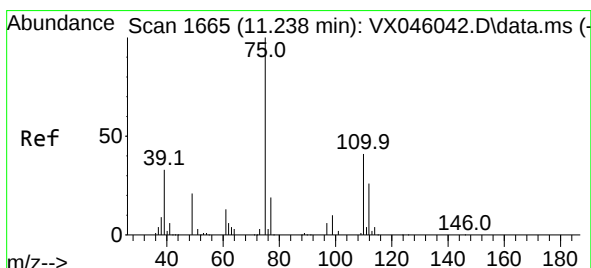
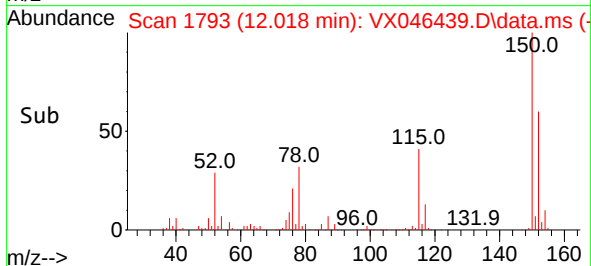
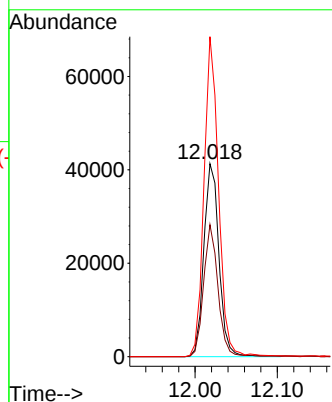
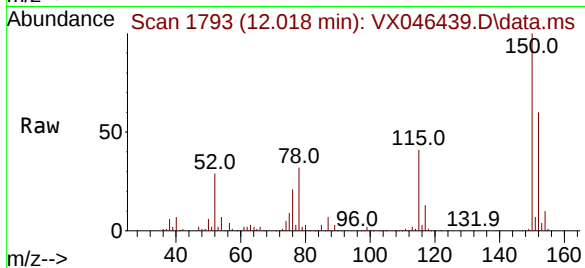
Tgt Ion:152 Resp: 53109

Ion Ratio Lower Upper

152 100

115 65.3 46.9 140.7

150 159.3 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 29.146 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046439.D

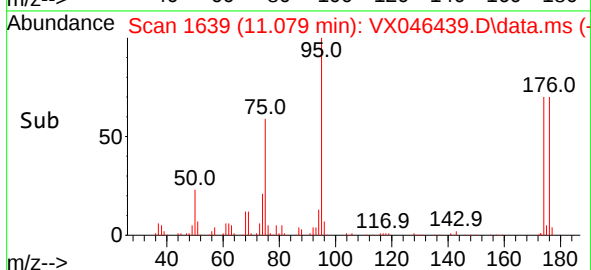
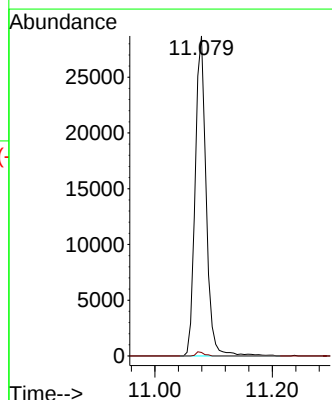
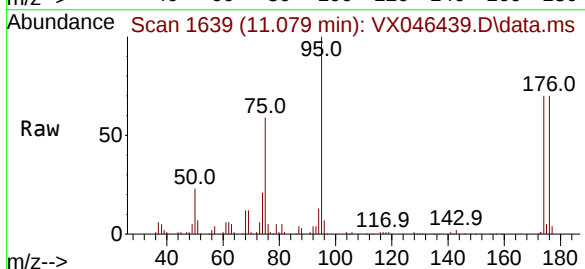
Acq: 02 Jun 2025 12:50

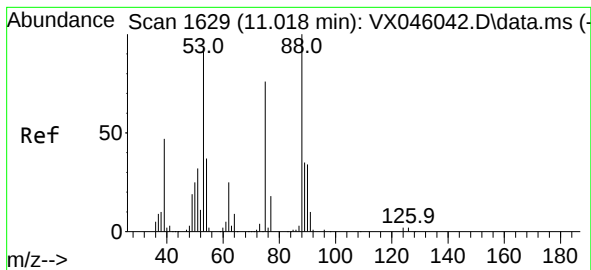
Tgt Ion: 75 Resp: 37259

Ion Ratio Lower Upper

75 100

77 0.9 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.890 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046439.D
 Acq: 02 Jun 2025 12:50

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

Tgt Ion: 75 Resp: 37259
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

