

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046352.D
 Acq On : 23 May 2025 17:59
 Operator : JC/MD
 Sample : Q2123-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 23 23:06:08 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	5.549	168	61919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	122214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61609	53.370	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.740%	
35) Dibromofluoromethane	5.379	113	44758	50.857	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.720%	
50) Toluene-d8	8.646	98	154070	50.580	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	11.079	95	54596	46.726	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	369	0.402	ug/l #	77
16) Acetone	2.379	43	905	1.955	ug/l	92
20) Methylene Chloride	2.788	84	230	0.259	ug/l #	77
31) Cyclohexane	5.543	56	1985	1.443	ug/l #	40
36) 1,1-Dichloropropene	5.543	75	6253	5.288	ug/l #	51
38) Carbon Tetrachloride	5.549	117	7282	5.481	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	862	0.583	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31972	30.224	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31972	98.398	ug/l #	1

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

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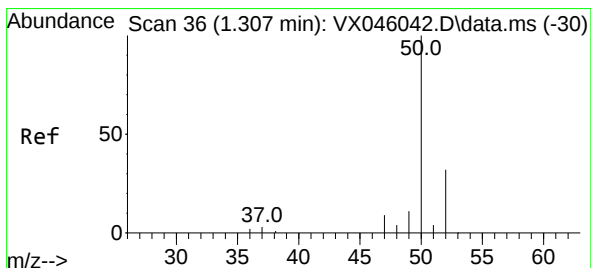
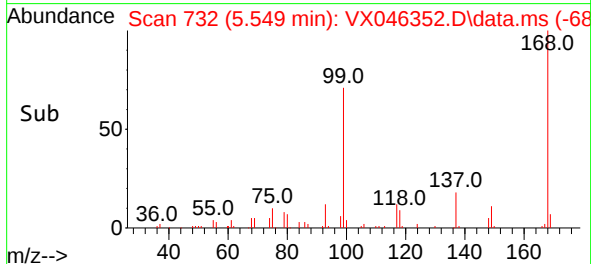
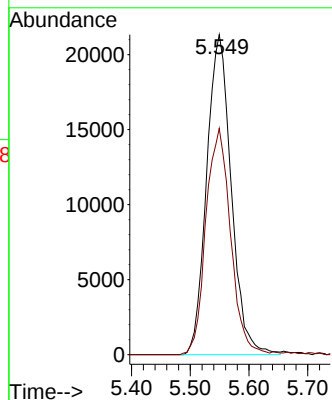
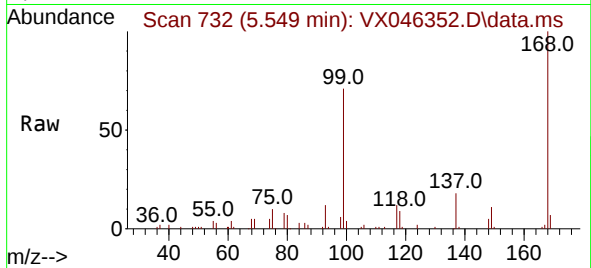




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

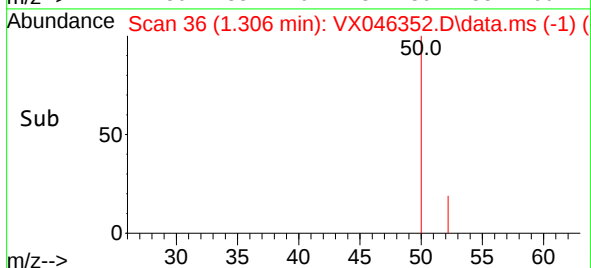
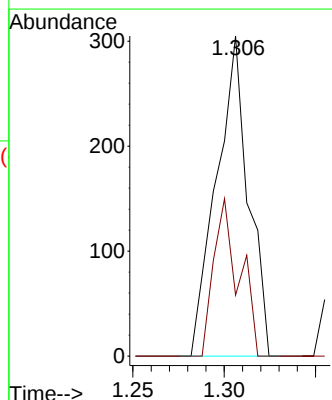
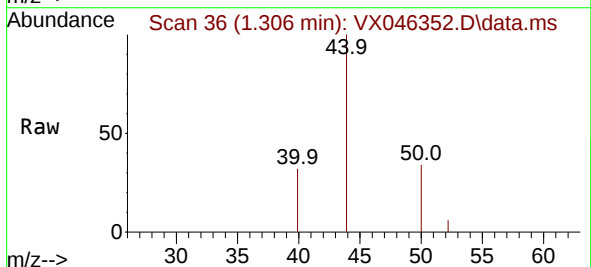
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 61919
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3



#3
Chloromethane
Concen: 0.402 ug/l
RT: 1.306 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

Tgt Ion: 50 Resp: 369
Ion Ratio Lower Upper
50 100
52 19.0 25.4 38.2#

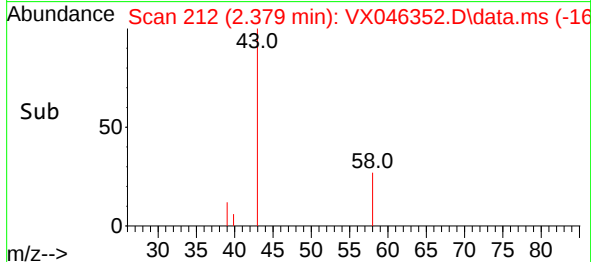
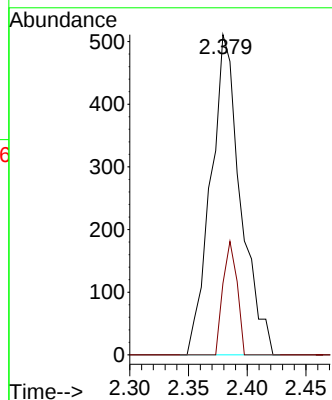
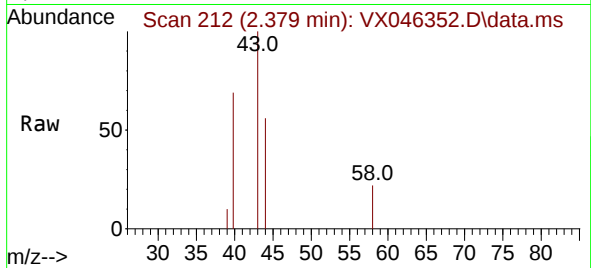




#16
Acetone
Concen: 1.955 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

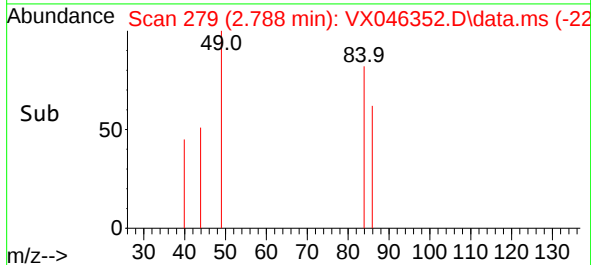
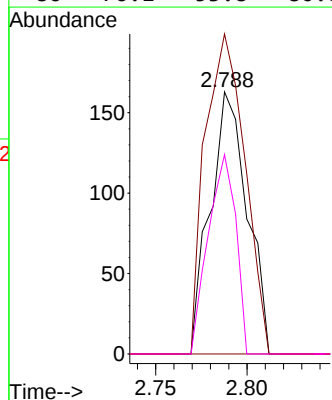
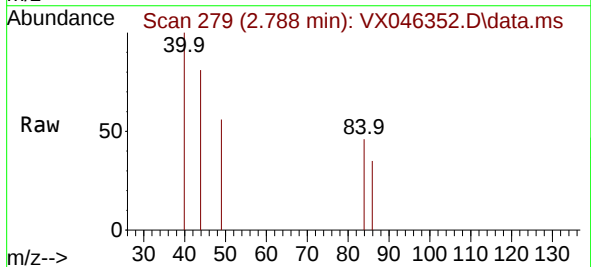
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

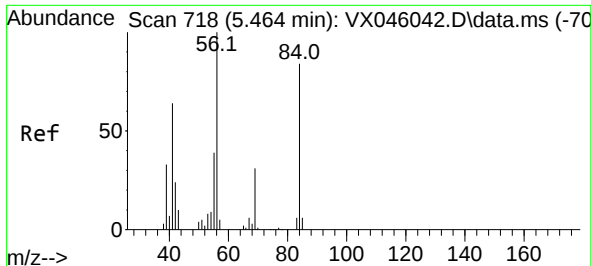
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 22.3 21.2 31.8



#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

Tgt Ion: 84 Resp: 230
Ion Ratio Lower Upper
84 100
49 122.1 113.9 170.9
51 0.0 33.5 50.3#
86 76.1 53.8 80.8

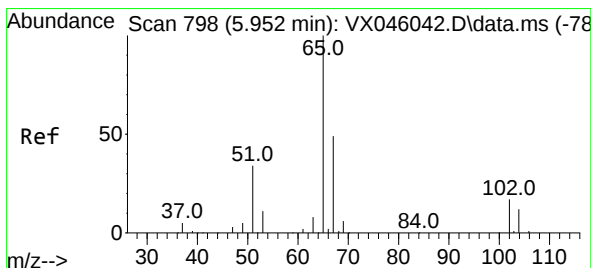
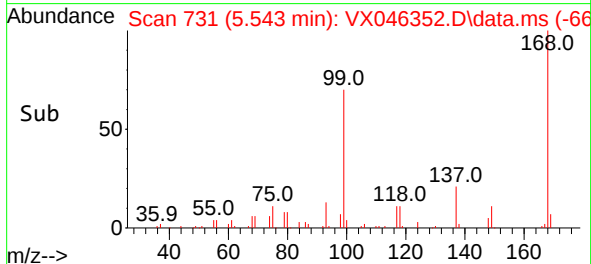
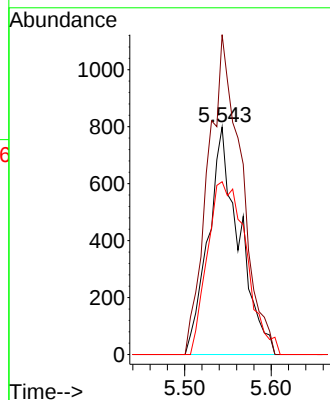
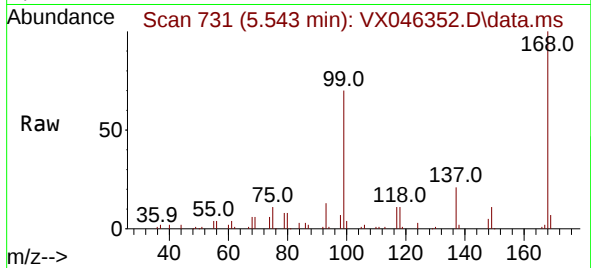




#31
Cyclohexane
Concen: 1.443 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

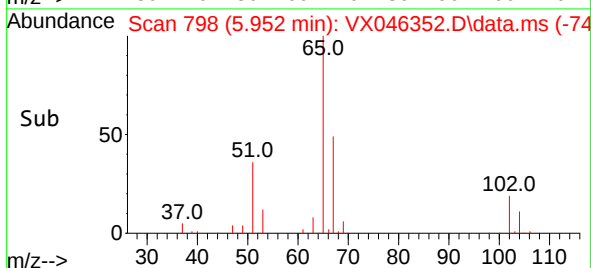
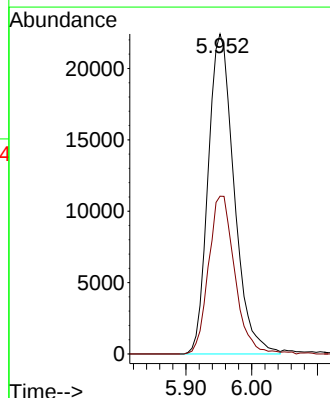
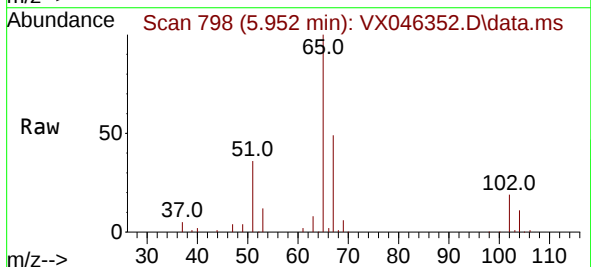
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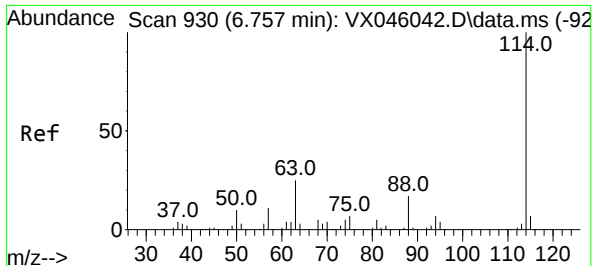
Tgt Ion: 56 Resp: 1985
Ion Ratio Lower Upper
56 100
69 140.6 24.4 36.6#
84 76.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 53.370 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

Tgt Ion: 65 Resp: 61609
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

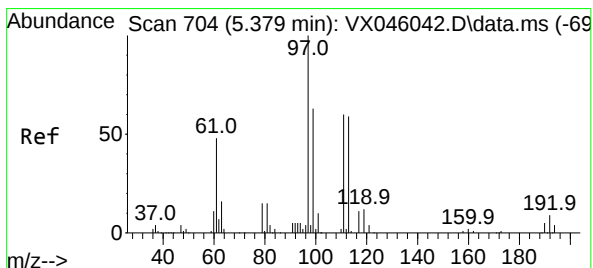
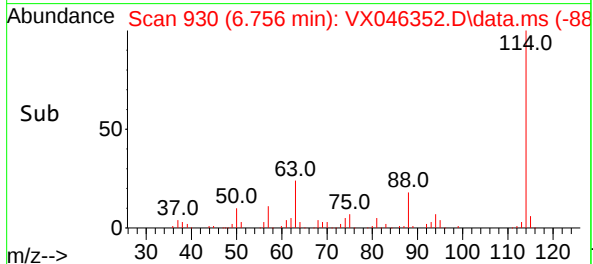
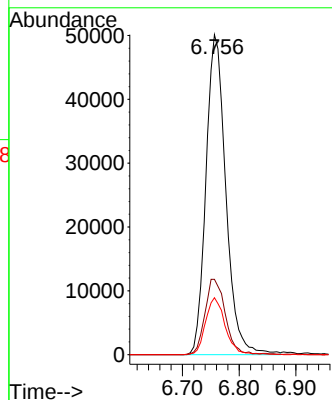
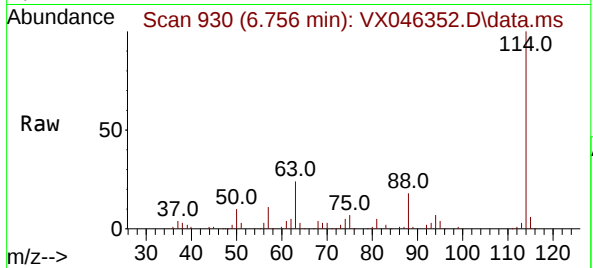




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

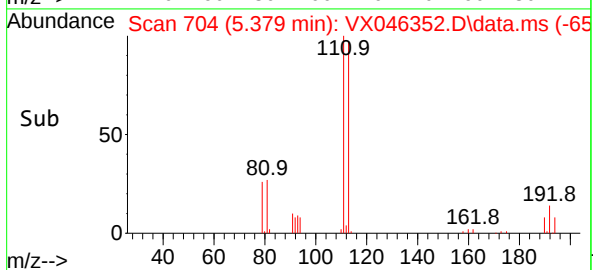
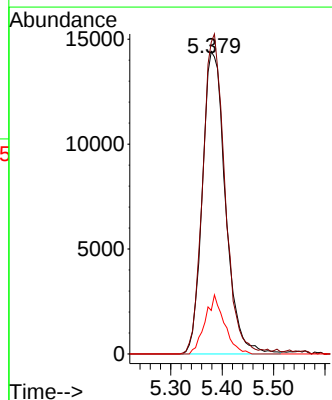
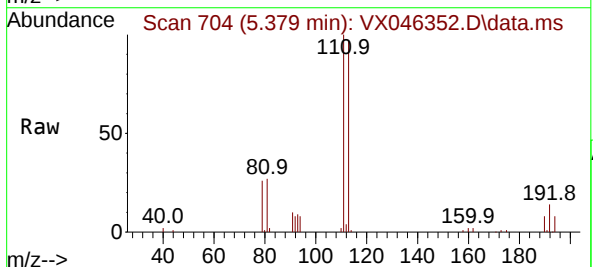
Instrument :
MSVOA_X
ClientSampleId :
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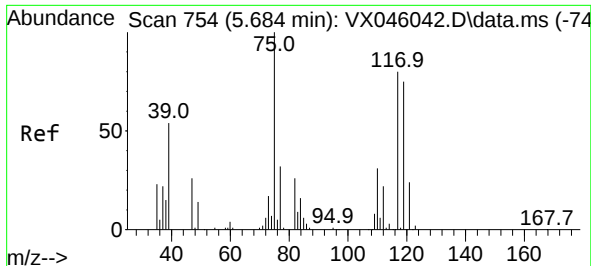
Tgt Ion:114 Resp: 122214
Ion Ratio Lower Upper
114 100
63 23.5 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.857 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

Tgt Ion:113 Resp: 44758
Ion Ratio Lower Upper
113 100
111 101.5 83.1 124.7
192 16.4 13.3 19.9

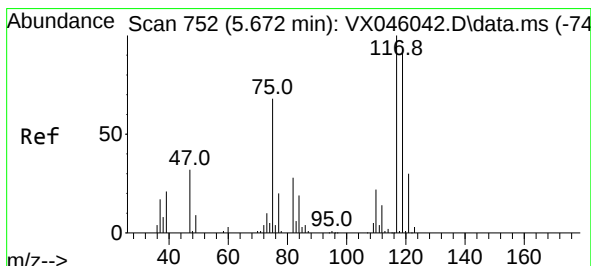
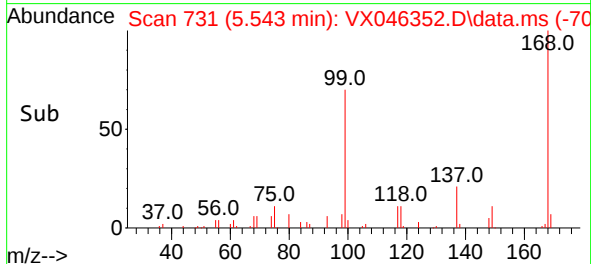
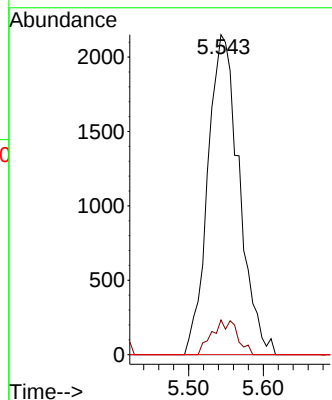
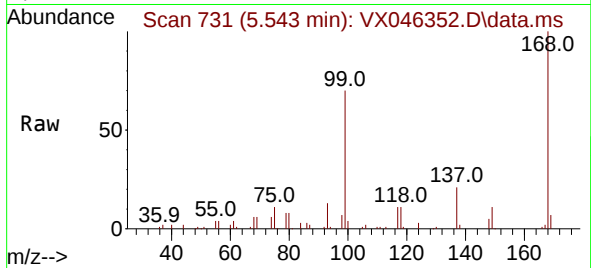




#36
1,1-Dichloropropene
Concen: 5.288 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

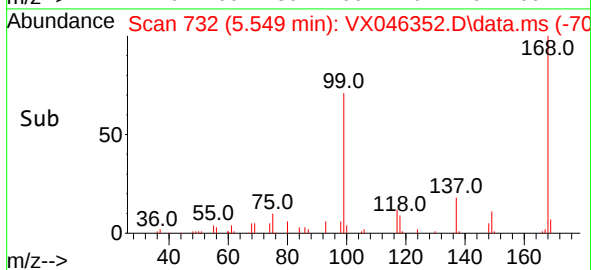
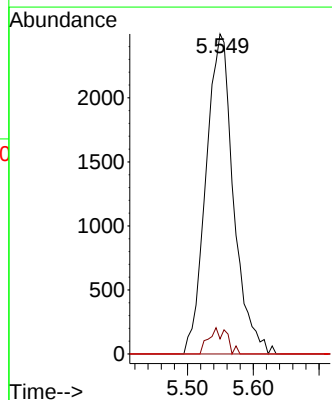
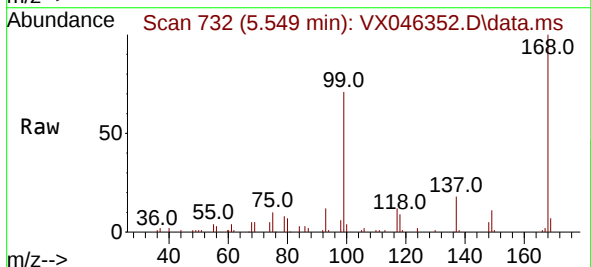
Instrument :
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ClientSampleId :
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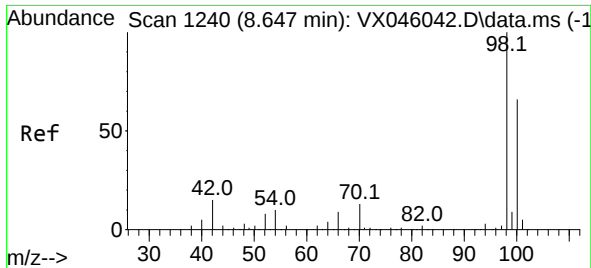
Tgt Ion: 75 Resp: 6253
Ion Ratio Lower Upper
75 100
110 8.8 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

Tgt Ion: 117 Resp: 7282
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.2 36.4#

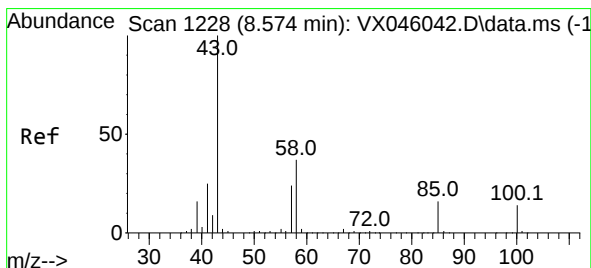
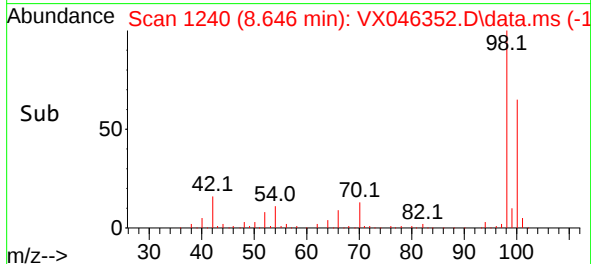
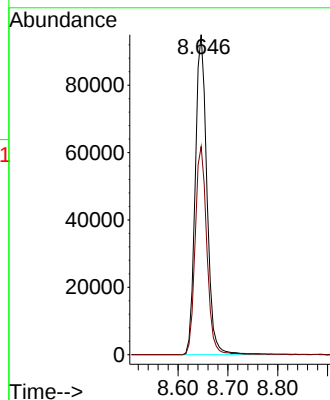
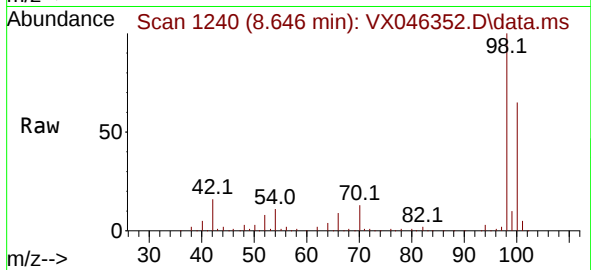




#50
Toluene-d8
Concen: 50.580 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

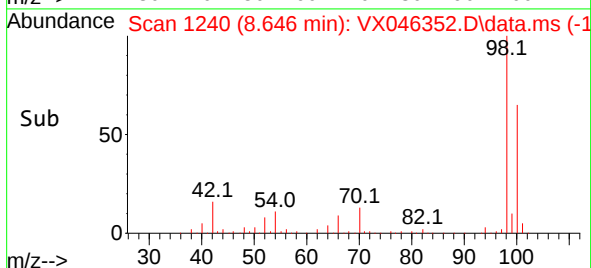
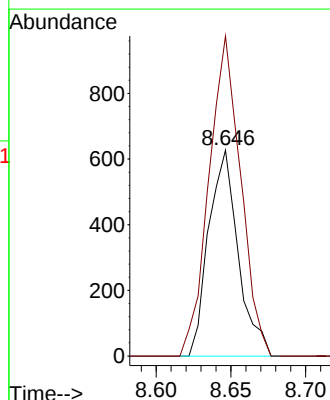
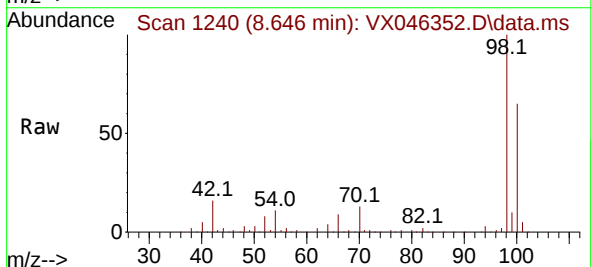
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Tgt Ion: 98 Resp: 154070
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 167.1 28.9 43.3#

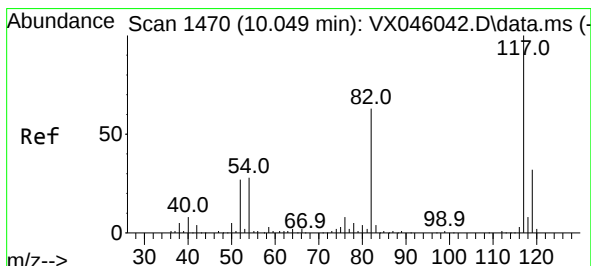
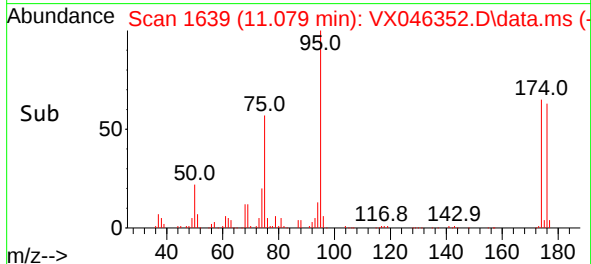
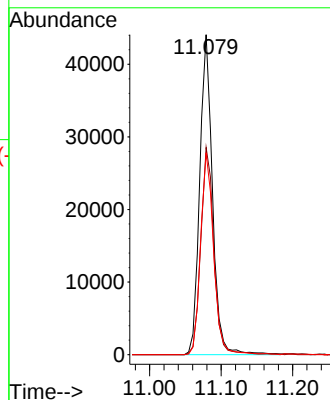
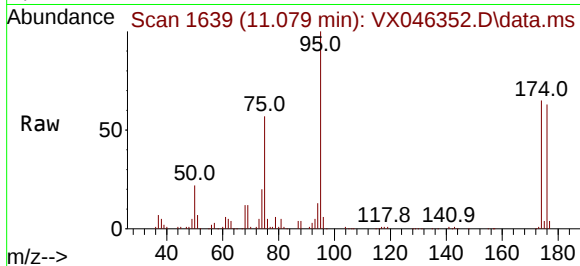




#62
4-Bromofluorobenzene
Concen: 46.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

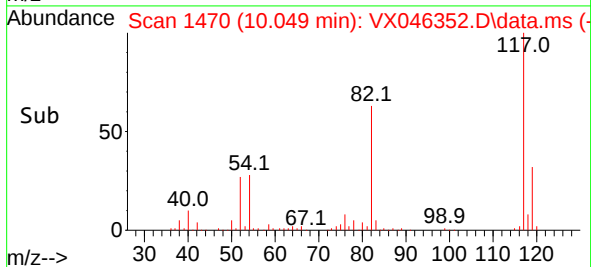
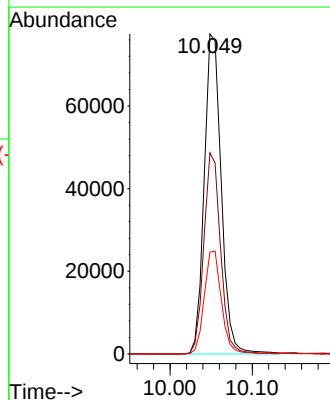
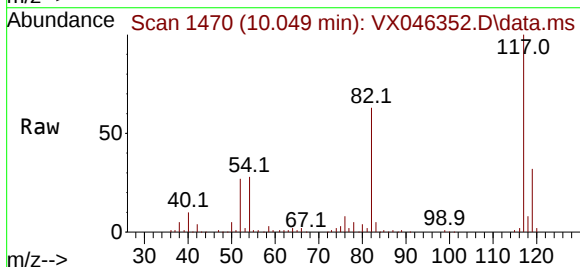
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

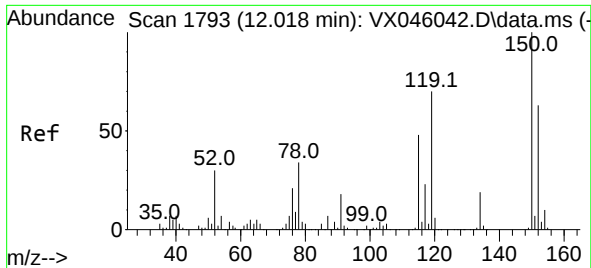
Tgt Ion: 95 Resp: 54596
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 64.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

Tgt Ion: 117 Resp: 111708
Ion Ratio Lower Upper
117 100
82 62.8 50.6 76.0
119 31.9 25.8 38.6

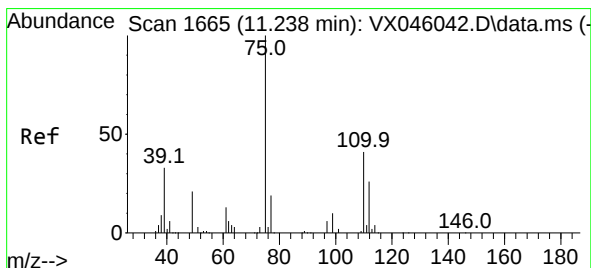
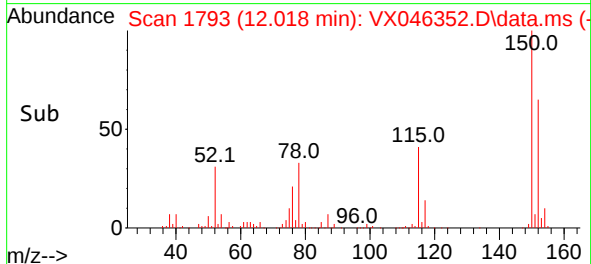
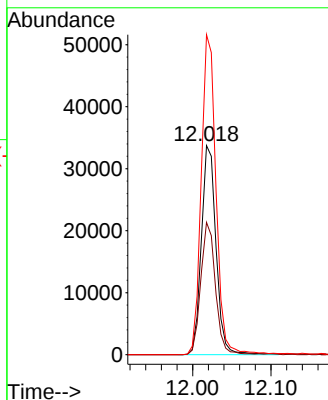
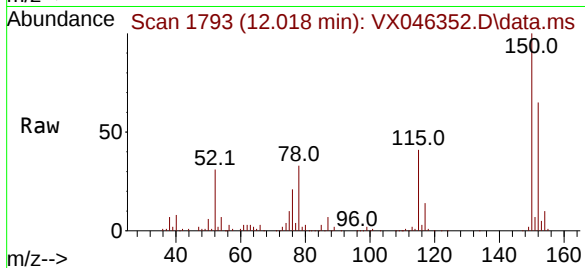




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046352.D
 Acq: 23 May 2025 17:59

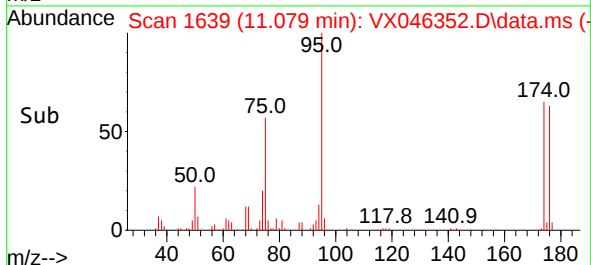
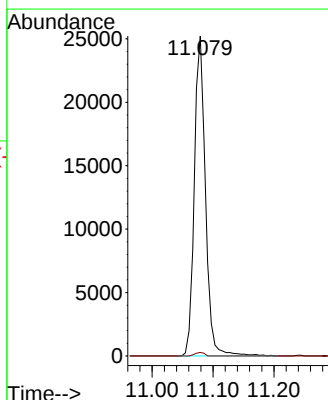
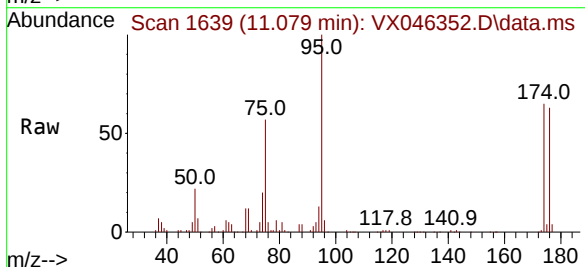
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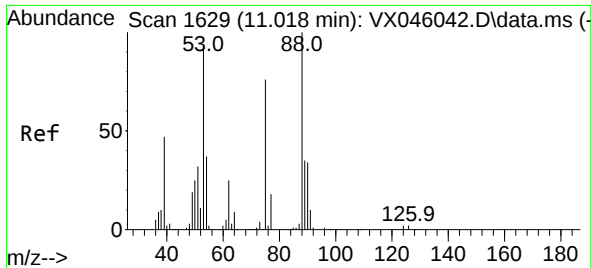
Tgt Ion:152 Resp: 43948
 Ion Ratio Lower Upper
 152 100
 115 63.0 46.9 140.7
 150 154.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.224 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046352.D
 Acq: 23 May 2025 17:59

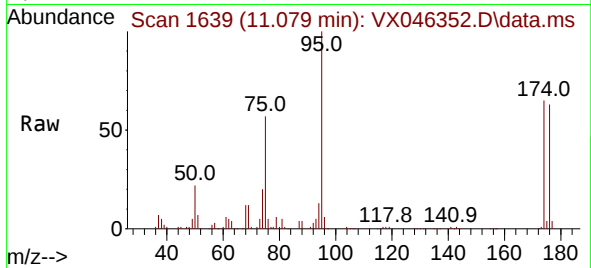
Tgt Ion: 75 Resp: 31972
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.5 61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.398 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.060 min
Lab File: VX046352.D
Acq: 23 May 2025 17:59

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



Tgt Ion: 75 Resp: 31972
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

