

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045905.D
 Acq On : 23 Apr 2025 12:18
 Operator : JC/MD
 Sample : Q1837-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 24 02:14:21 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)

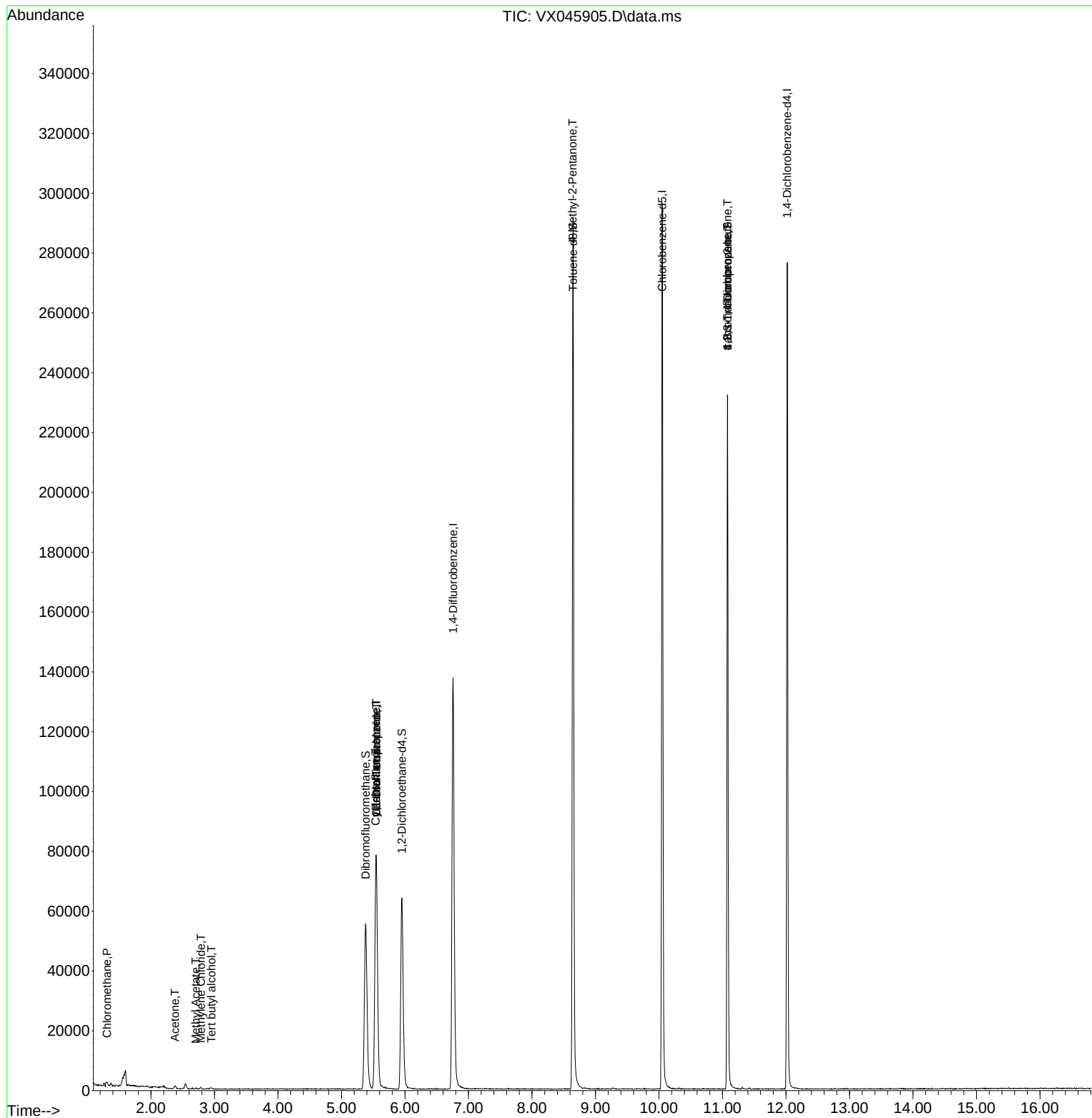
Internal Standards						
1) Pentafluorobenzene	5.544	168	67351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66485	53.979	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	5.379	113	48361	50.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.420%	
50) Toluene-d8	8.647	98	166196	49.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	11.079	95	61647	50.841	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1748	1.689	ug/l	90
11) Tert butyl alcohol	2.953	59	120	0.725	ug/l #	72
16) Acetone	2.380	43	1251	2.474	ug/l #	89
18) Methyl Acetate	2.703	43	366	0.314	ug/l	95
20) Methylene Chloride	2.788	84	281	0.297	ug/l #	52
31) Cyclohexane	5.538	56	2143	1.418	ug/l #	56
36) 1,1-Dichloropropene	5.550	75	6697	5.201	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8085	5.809	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	891	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35629	28.724	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35629	97.487	ug/l #	1

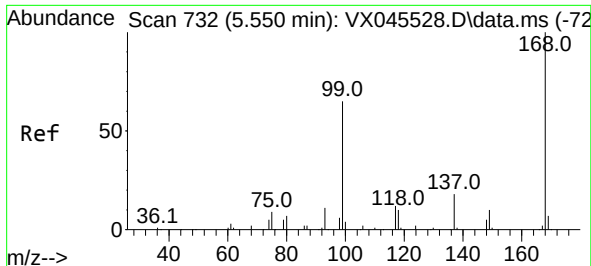
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

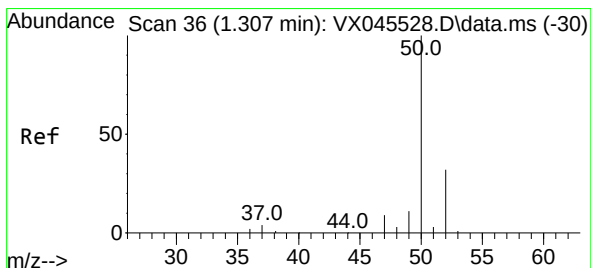
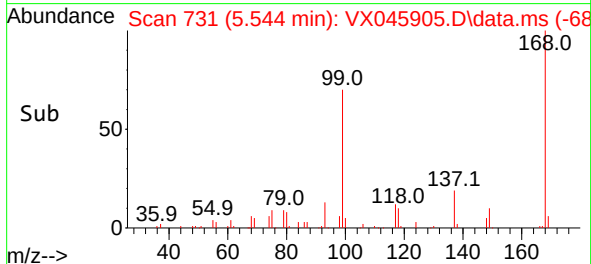
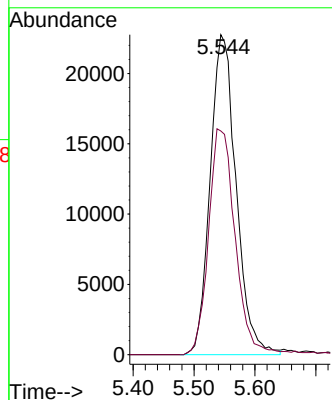
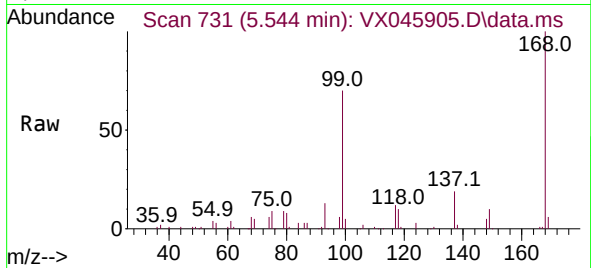




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

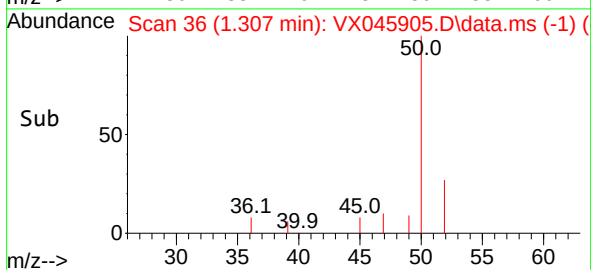
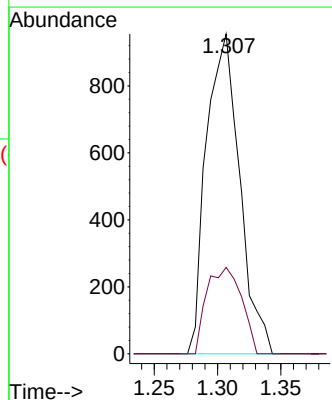
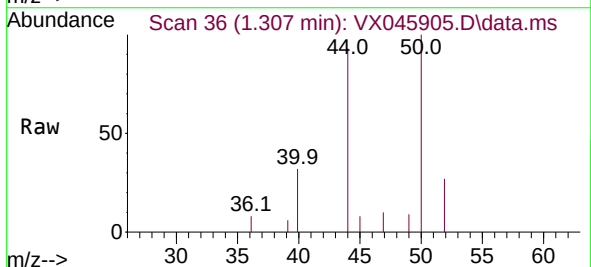
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

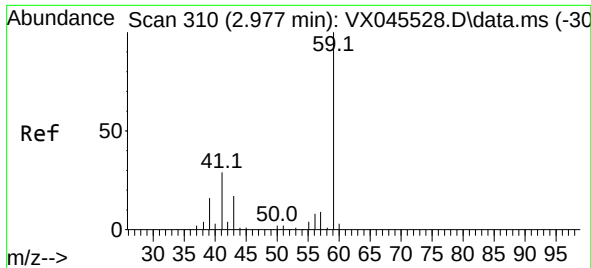
Tgt Ion:168 Resp: 67351
Ion Ratio Lower Upper
168 100
99 69.9 52.3 78.5



#3
Chloromethane
Concen: 1.689 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 50 Resp: 1748
Ion Ratio Lower Upper
50 100
52 27.0 25.9 38.9

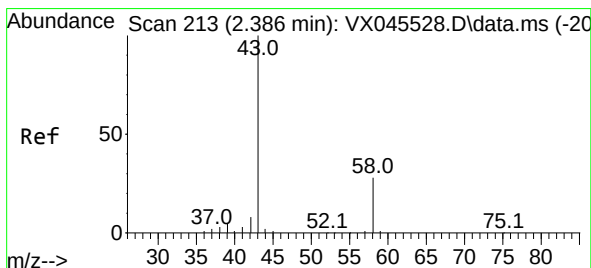
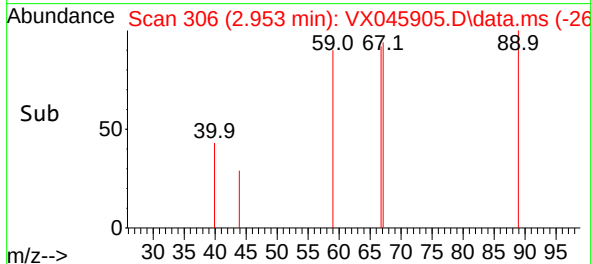
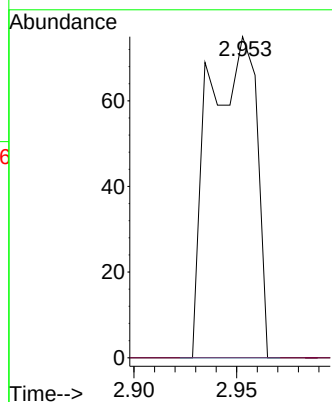
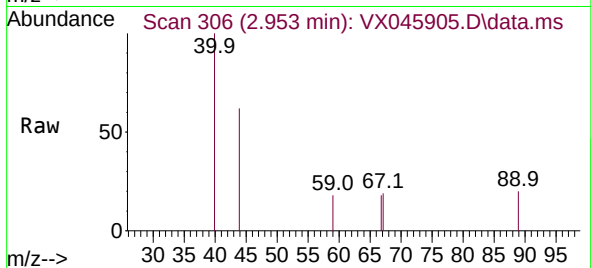




#11
Tert butyl alcohol
Concen: 0.725 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

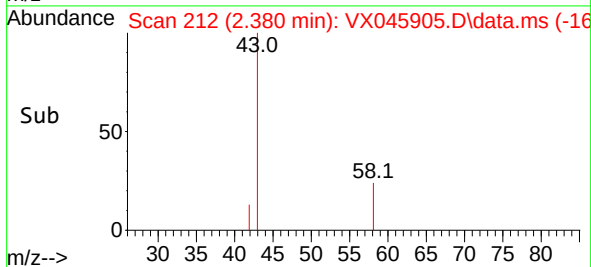
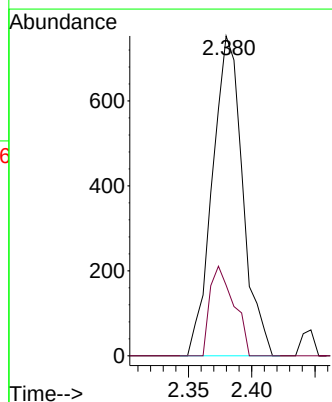
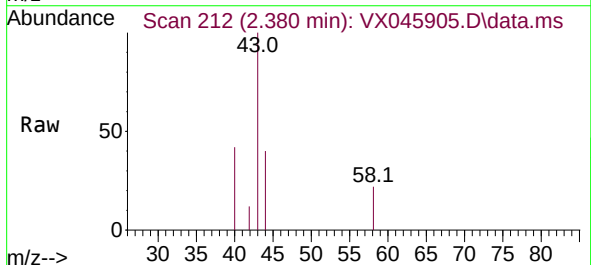
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

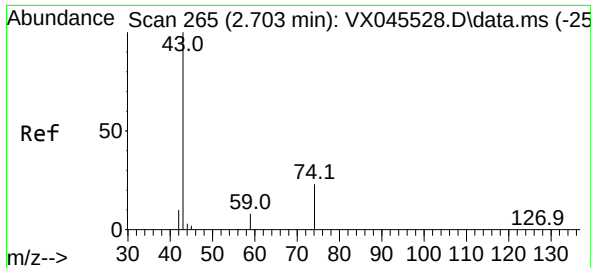
Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 2.474 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 43 Resp: 1251
Ion Ratio Lower Upper
43 100
58 22.0 22.3 33.5#

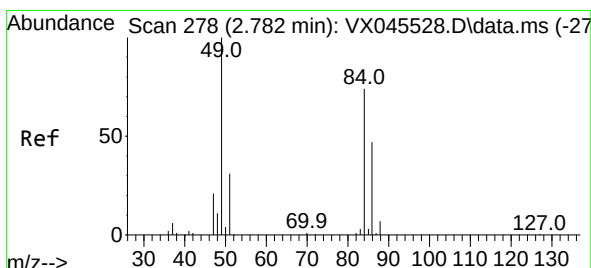
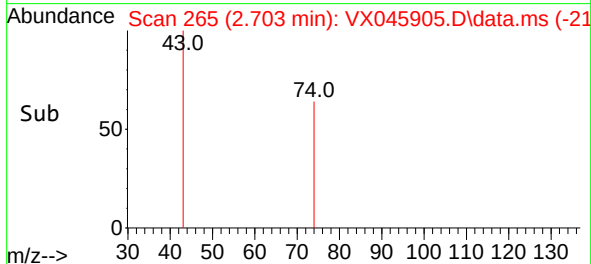
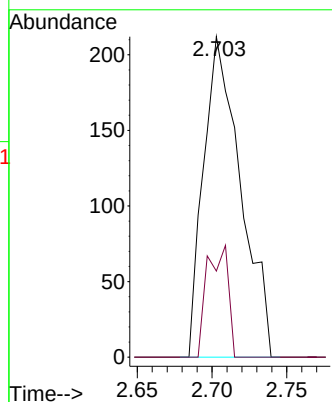
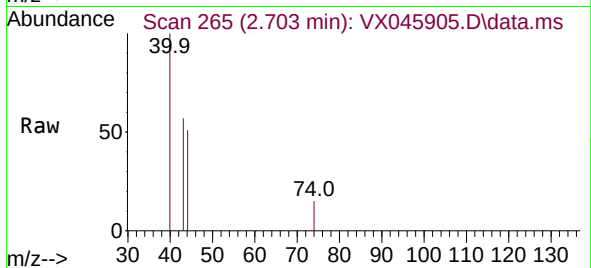




#18
Methyl Acetate
Concen: 0.314 ug/l
RT: 2.703 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

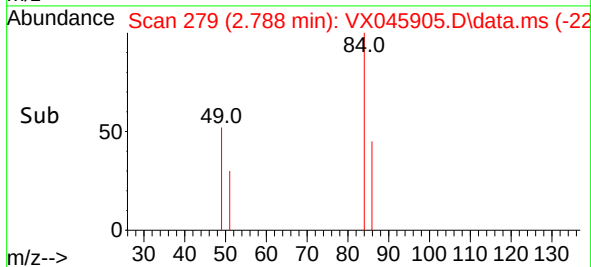
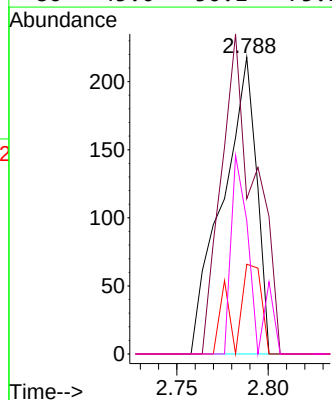
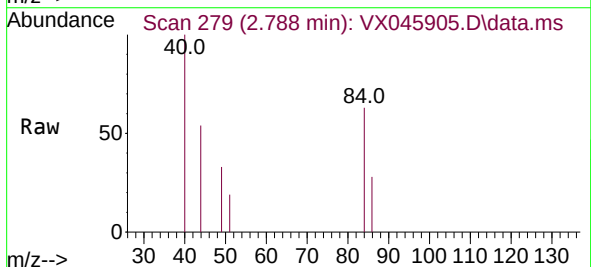
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

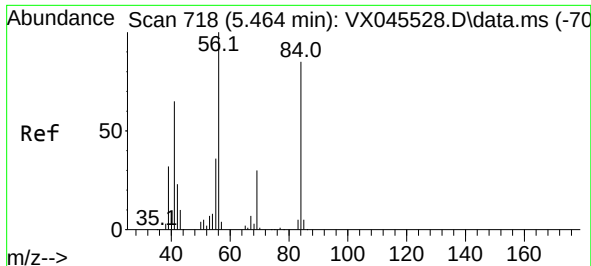
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
74 19.7 17.5 26.3



#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 84 Resp: 281
Ion Ratio Lower Upper
84 100
49 52.3 107.5 161.3#
51 30.3 33.0 49.6#
86 45.0 50.1 75.1#

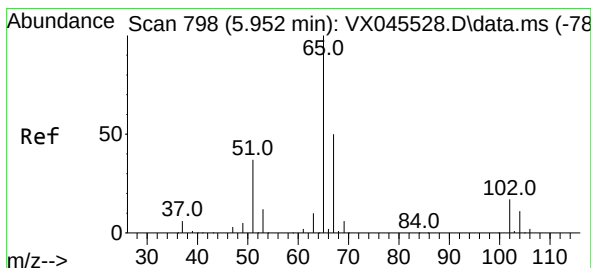
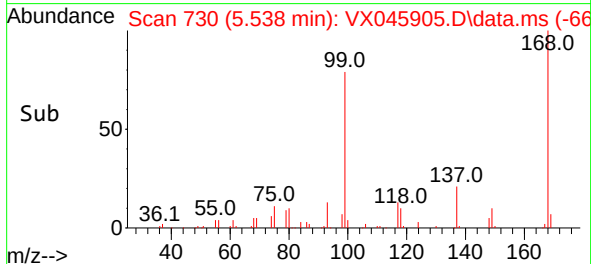
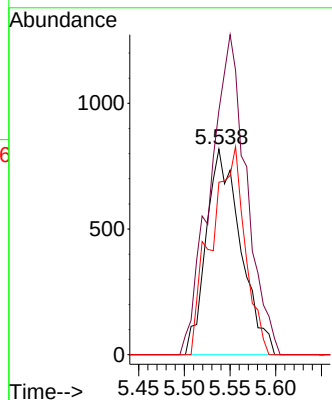
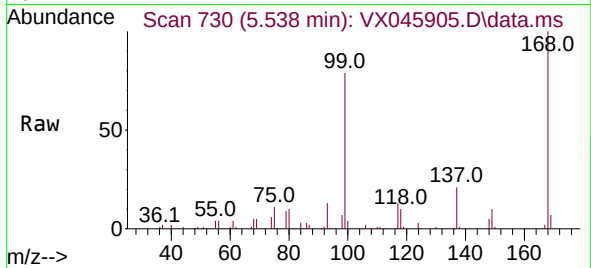




#31
Cyclohexane
Concen: 1.418 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

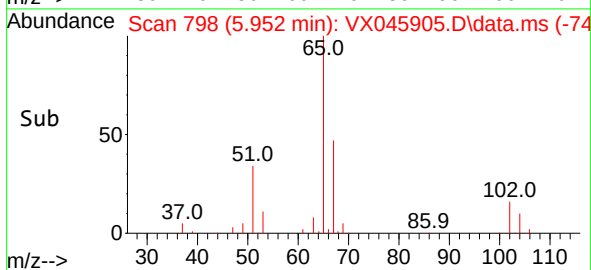
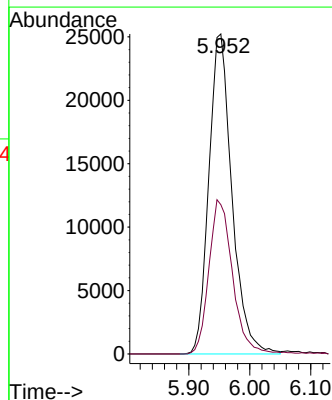
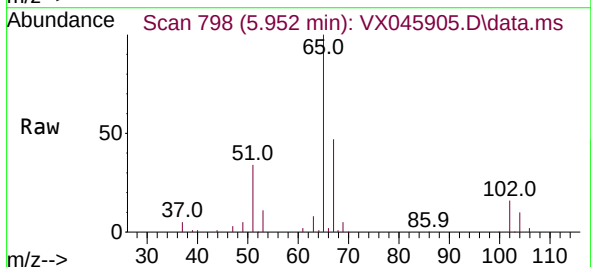
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

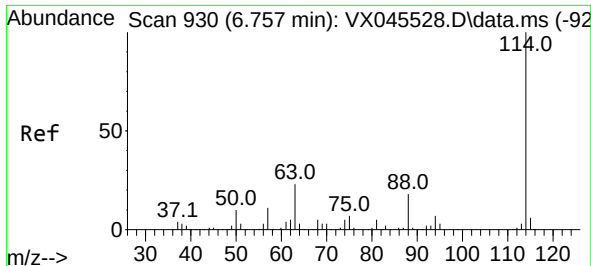
Tgt Ion: 56 Resp: 2143
Ion Ratio Lower Upper
56 100
69 118.8 23.6 35.4#
84 83.9 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 53.979 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 65 Resp: 66485
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

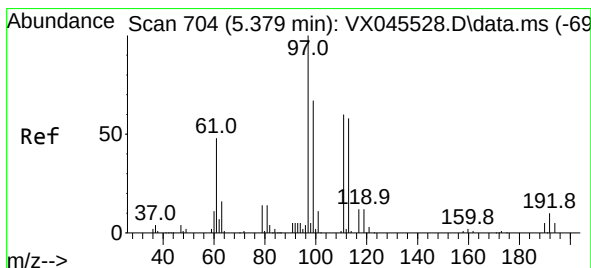
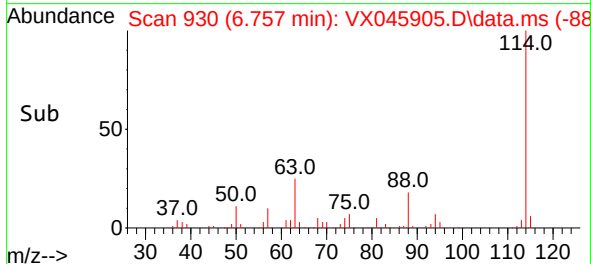
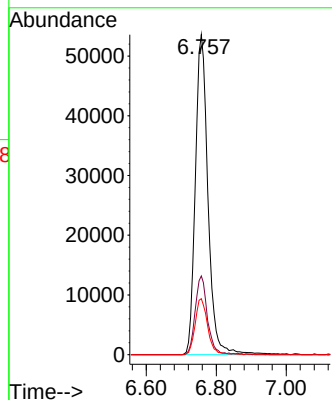
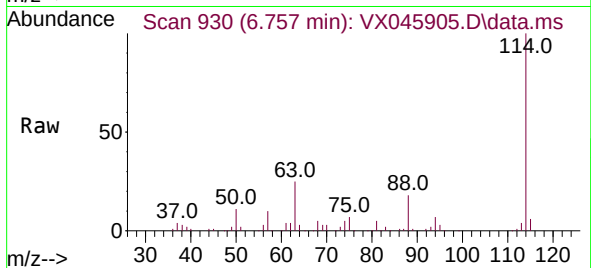




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

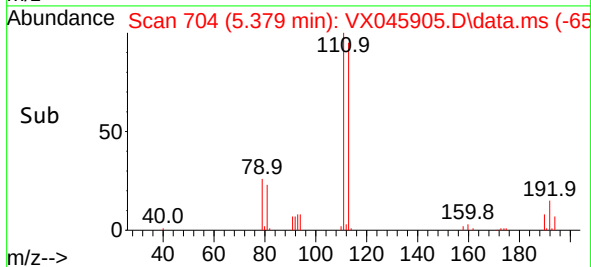
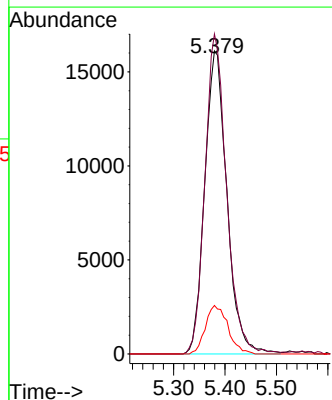
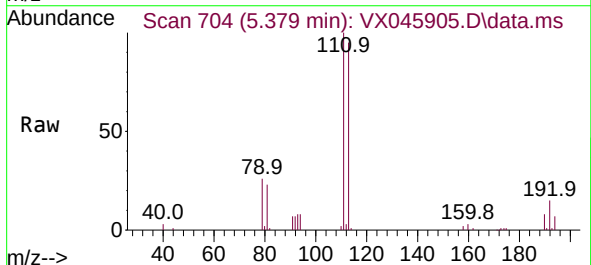
Instrument :
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ClientSampleId :
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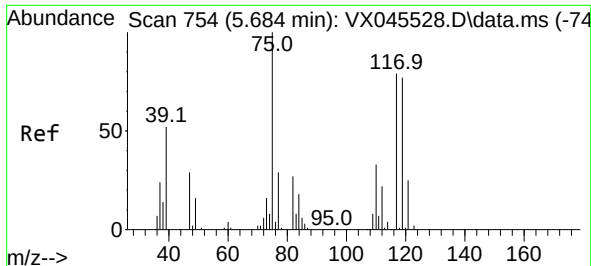
Tgt Ion:114 Resp: 134421
Ion Ratio Lower Upper
114 100
63 24.6 0.0 46.8
88 17.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion:113 Resp: 48361
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 16.3 13.8 20.6

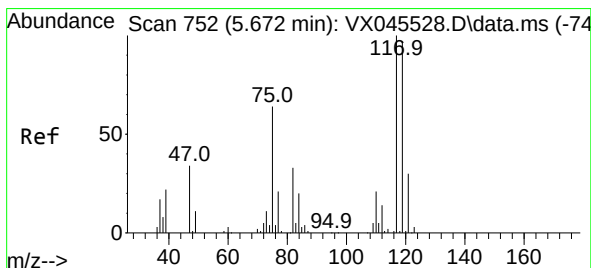
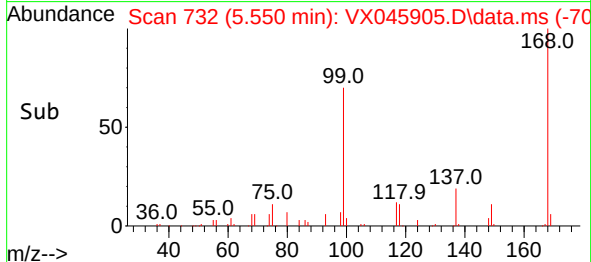
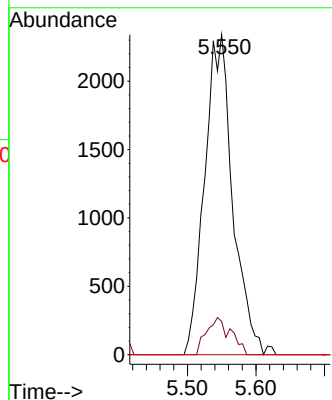
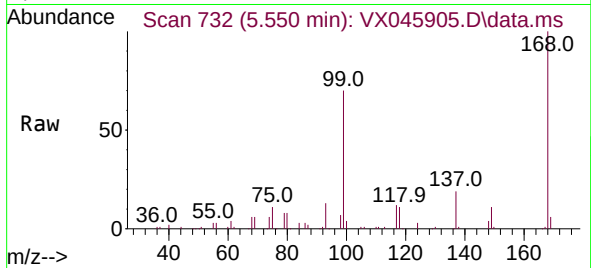




#36
1,1-Dichloropropene
Concen: 5.201 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

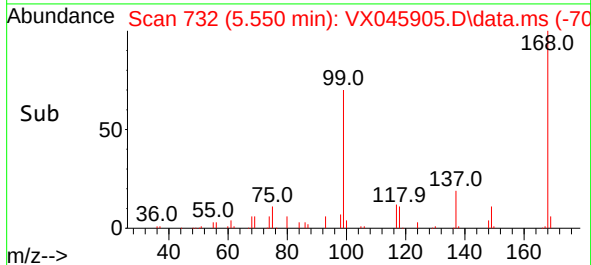
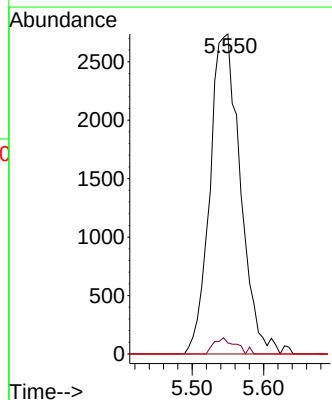
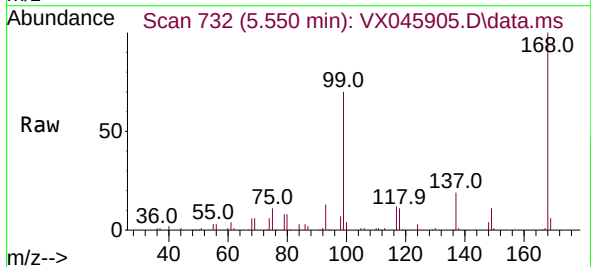
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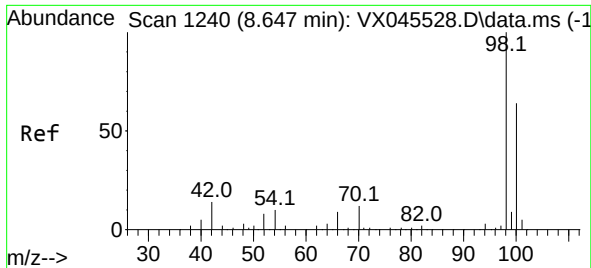
Tgt Ion: 75 Resp: 6697
Ion Ratio Lower Upper
75 100
110 10.0 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.809 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 117 Resp: 8085
Ion Ratio Lower Upper
117 100
119 3.4 76.9 115.3#
121 0.0 24.2 36.2#

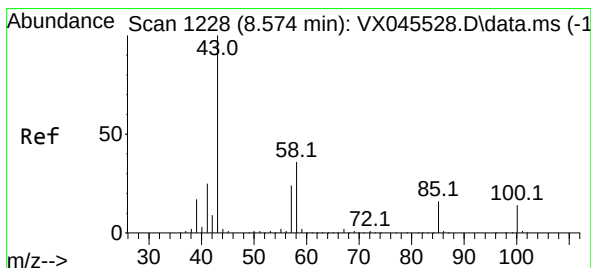
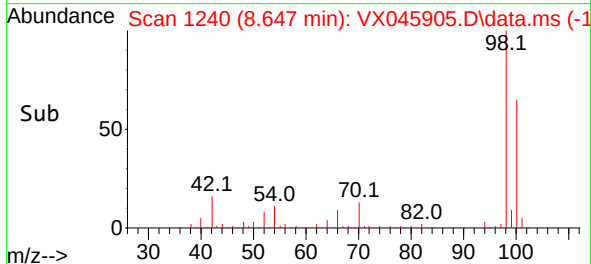
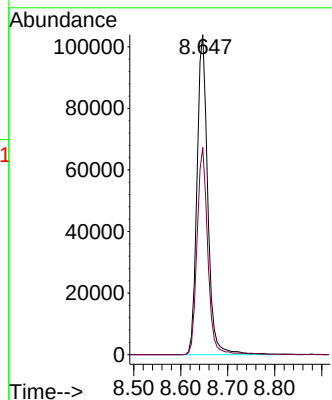
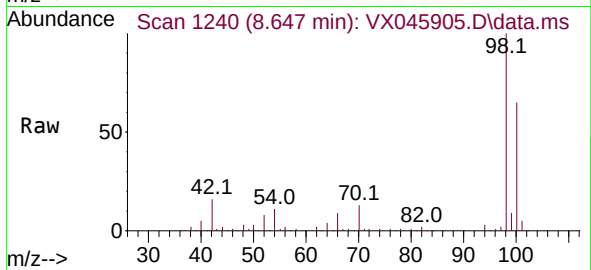




#50
Toluene-d8
Concen: 49.926 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

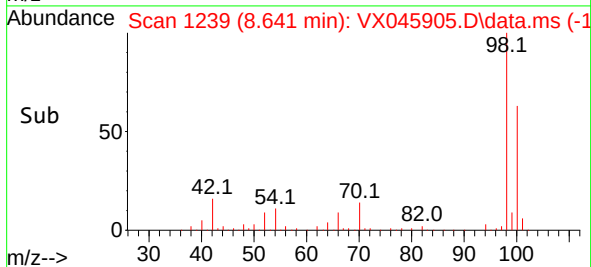
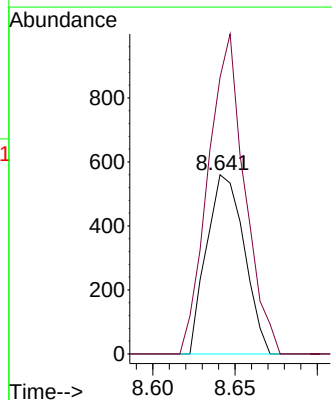
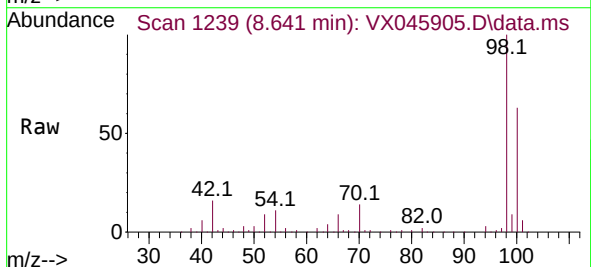
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

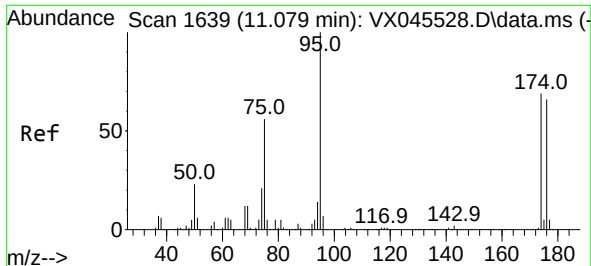
Tgt Ion: 98 Resp: 166196
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 173.5 28.5 42.7#

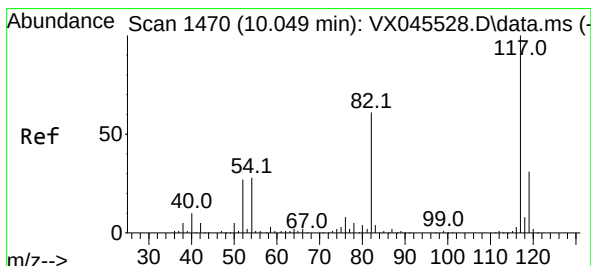
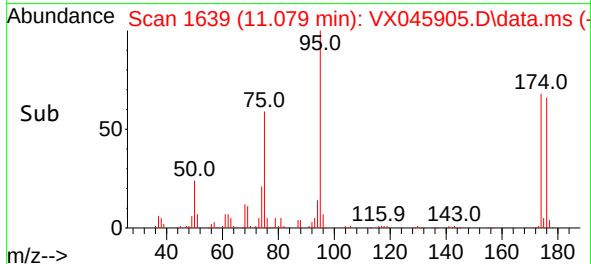
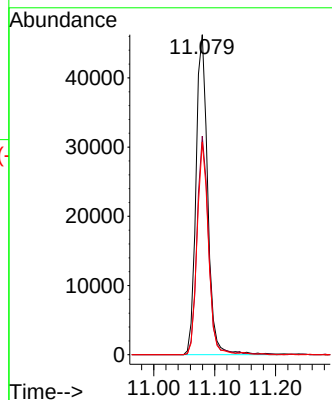
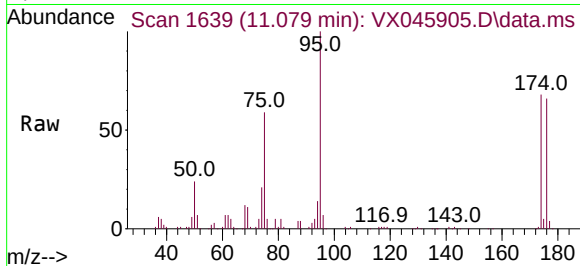




#62
4-Bromofluorobenzene
Concen: 50.841 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

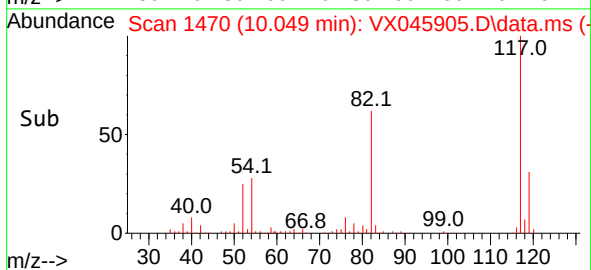
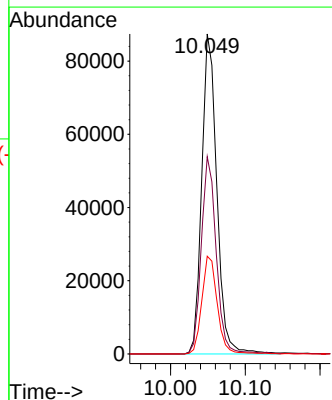
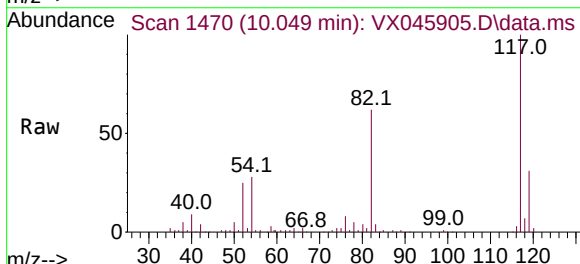
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

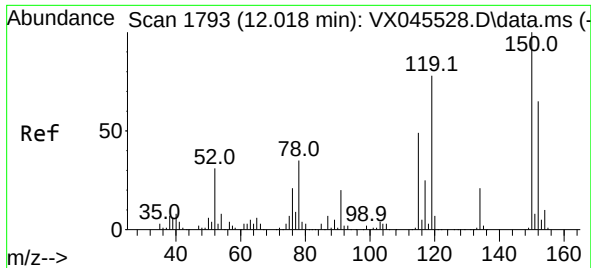
Tgt Ion: 95 Resp: 61647
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045905.D
Acq: 23 Apr 2025 12:18

Tgt Ion: 117 Resp: 122584
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 30.6 25.1 37.7

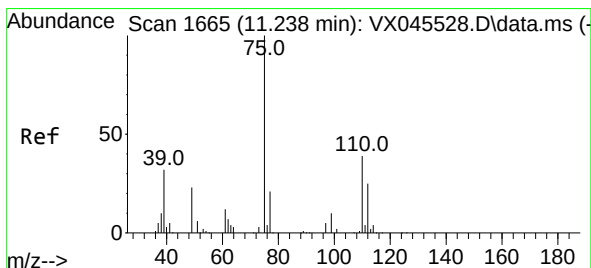
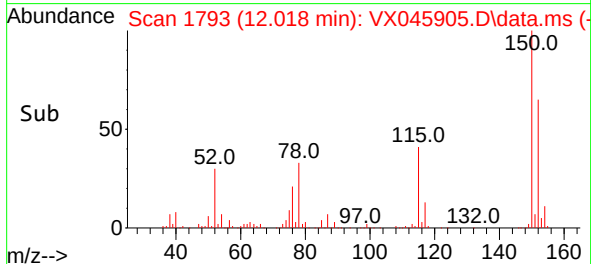
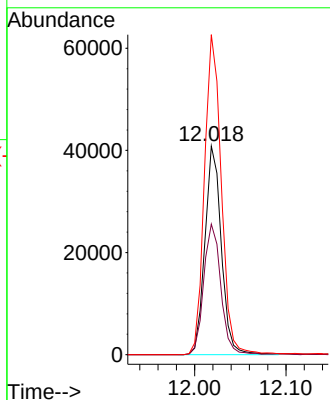
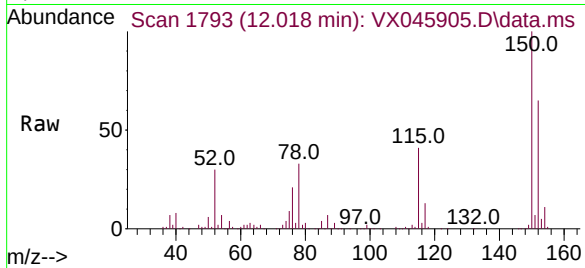




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045905.D
 Acq: 23 Apr 2025 12:18

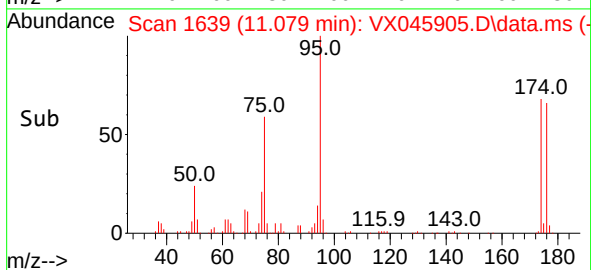
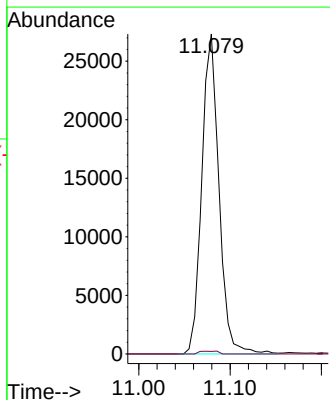
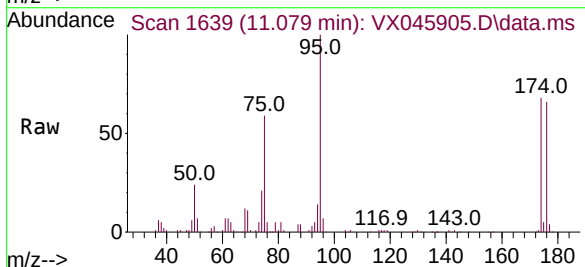
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

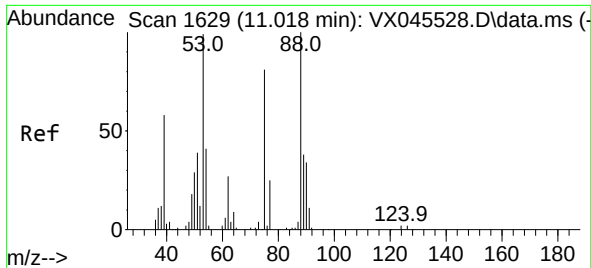
Tgt Ion:152 Resp: 50851
 Ion Ratio Lower Upper
 152 100
 115 65.2 46.9 140.7
 150 157.7 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.724 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045905.D
 Acq: 23 Apr 2025 12:18

Tgt Ion: 75 Resp: 35629
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.487 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045905.D
 Acq: 23 Apr 2025 12:18

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

Tgt Ion: 75 Resp: 35629
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

