

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045086.D
 Acq On : 28 Feb 2025 14:10
 Operator : JC/MD
 Sample : Q1403-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Feb 28 23:08:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	72842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52276	50.000	ug/l	0.00

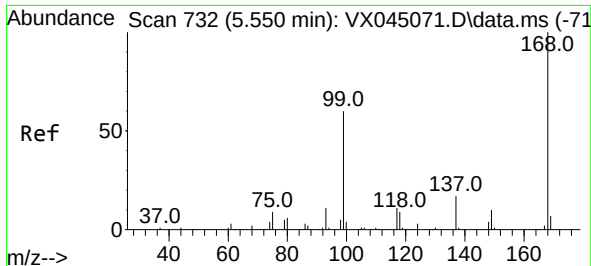
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61755	53.299	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.600%
35) Dibromofluoromethane	5.379	113	49899	50.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.920%
50) Toluene-d8	8.647	98	180878	50.951	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.900%
62) 4-Bromofluorobenzene	11.079	95	60465	51.399	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.800%

Target Compounds					Qvalue	
5) Bromomethane	1.599	94	105	0.240	ug/l #	3
6) Chloroethane	1.654	64	147	0.286	ug/l #	41
11) Tert butyl alcohol	2.941	59	294	1.340	ug/l #	73
16) Acetone	2.392	43	436	0.811	ug/l	90
31) Cyclohexane	5.538	56	899	0.570	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6224	4.635	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7903	5.797	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	928	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33284	27.355	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33284	93.615	ug/l #	6

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

Quant Time: Feb 28 23:08:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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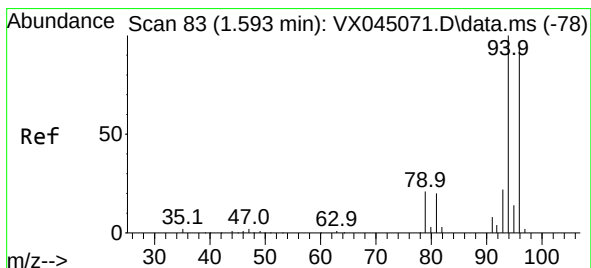
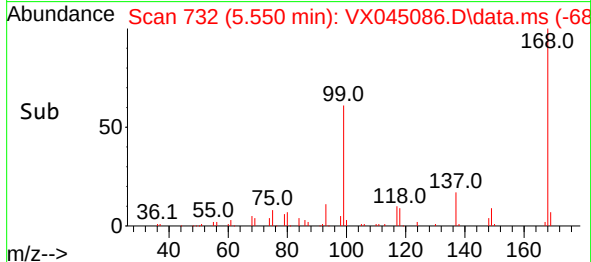
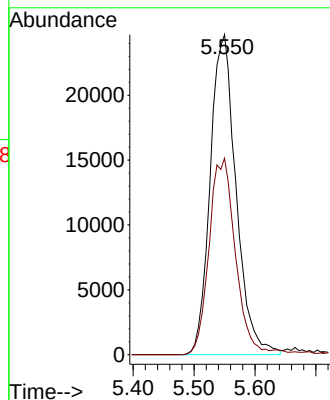
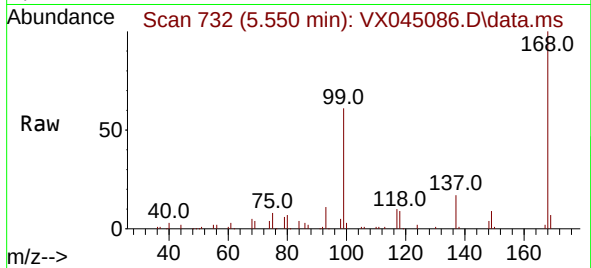




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

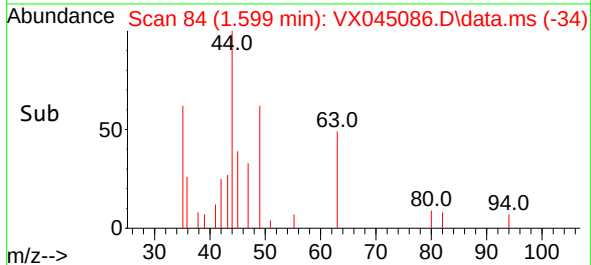
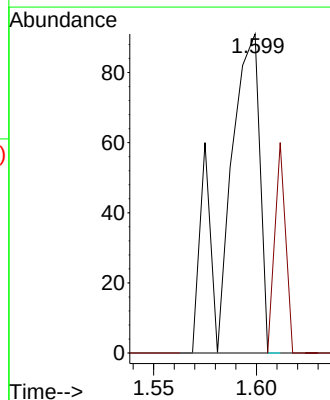
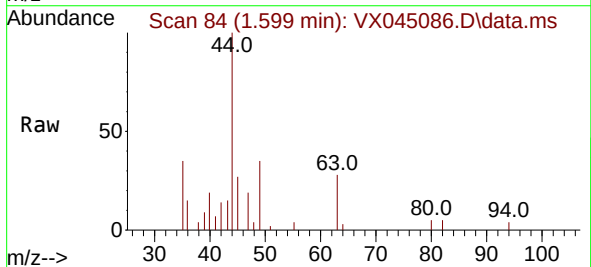
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

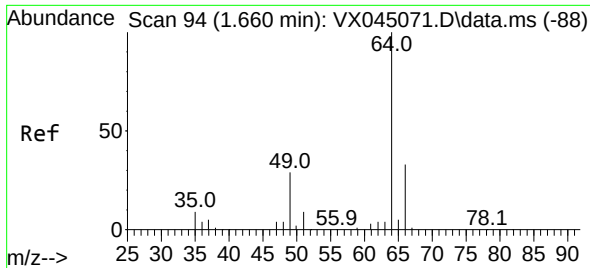
Tgt Ion:168 Resp: 72842
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#5
Bromomethane
Concen: 0.240 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Tgt Ion: 94 Resp: 105
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#

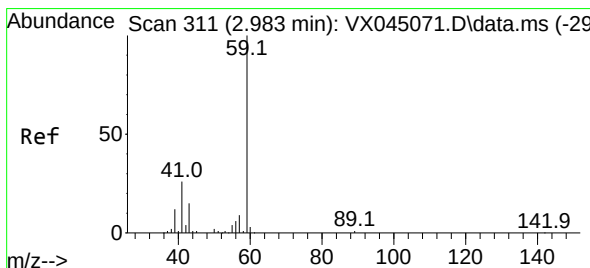
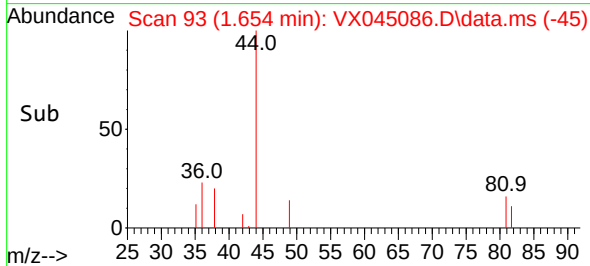
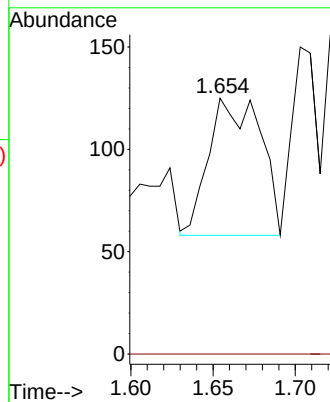
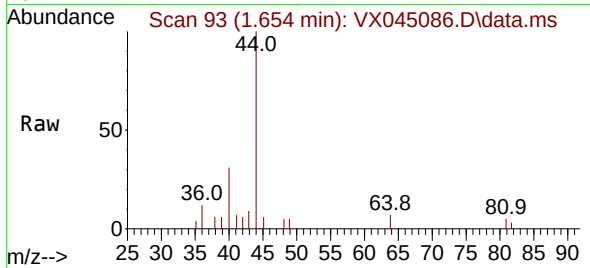




#6
Chloroethane
Concen: 0.286 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

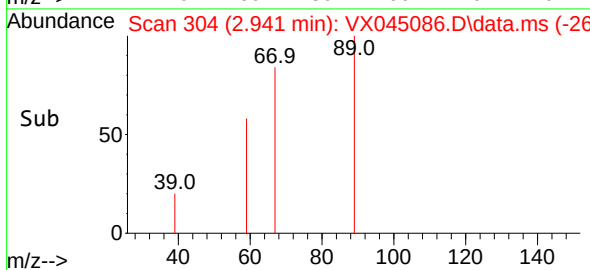
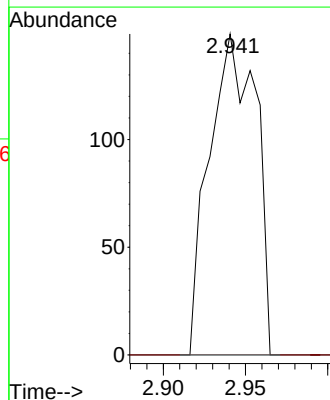
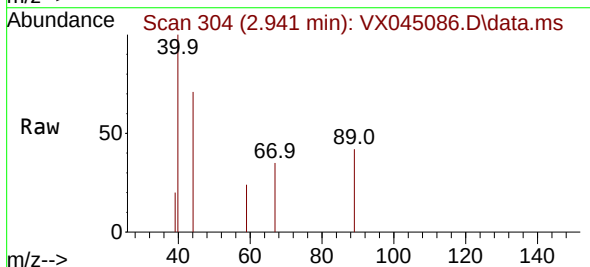
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

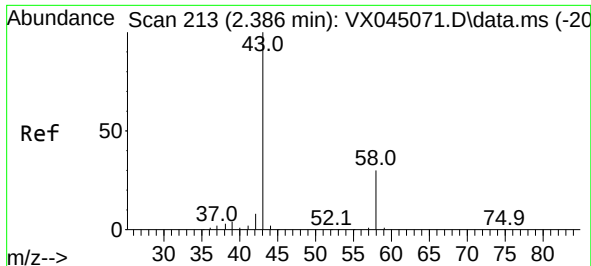
Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#11
Tert butyl alcohol
Concen: 1.340 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

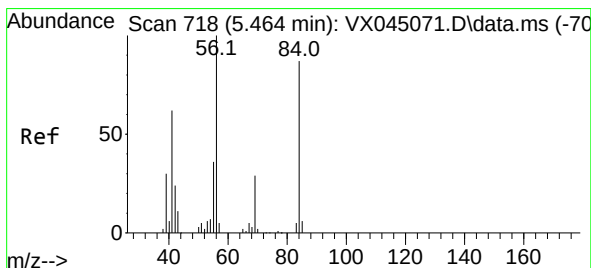
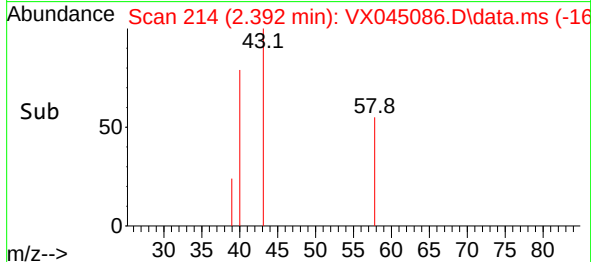
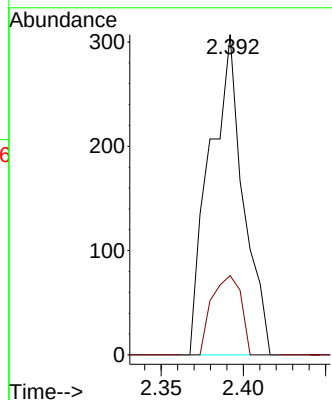
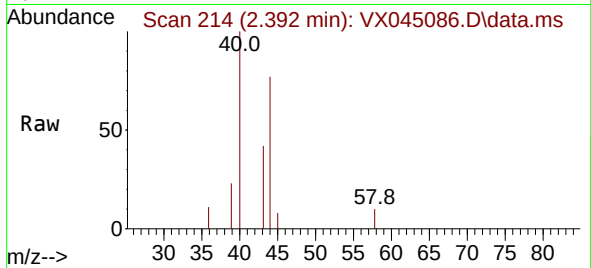




#16
Acetone
Concen: 0.811 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

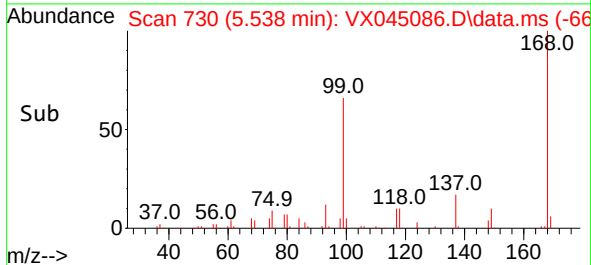
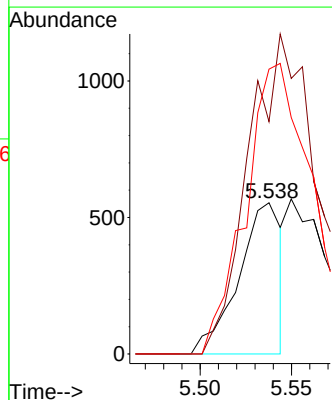
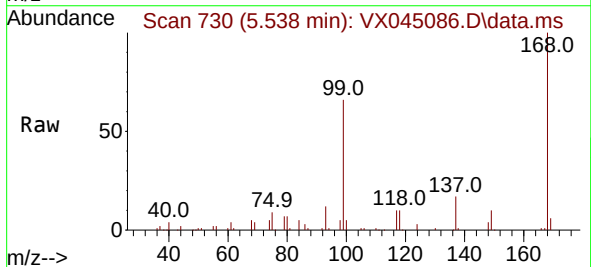
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ClientSampleId :
Storage-Blank-SOIL-REF-6

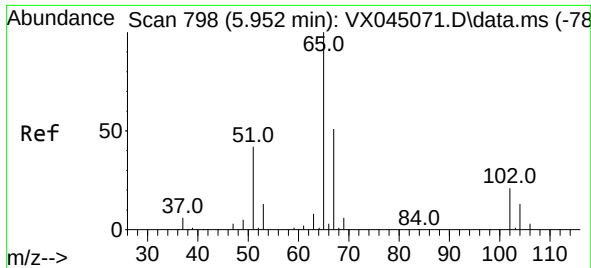
Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
58 24.8 24.2 36.4



#31
Cyclohexane
Concen: 0.570 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Tgt Ion: 56 Resp: 899
Ion Ratio Lower Upper
56 100
69 153.6 23.4 35.2#
84 188.3 69.4 104.2#

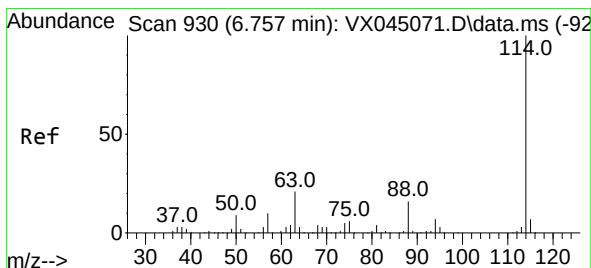
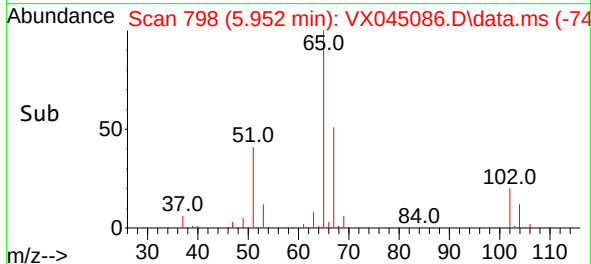
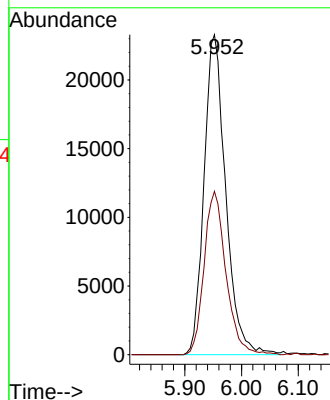
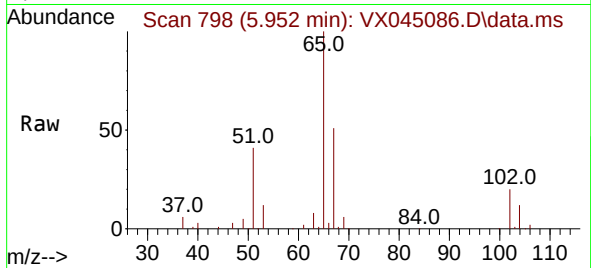




#33
 1,2-Dichloroethane-d4
 Concen: 53.299 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045086.D
 Acq: 28 Feb 2025 14:10

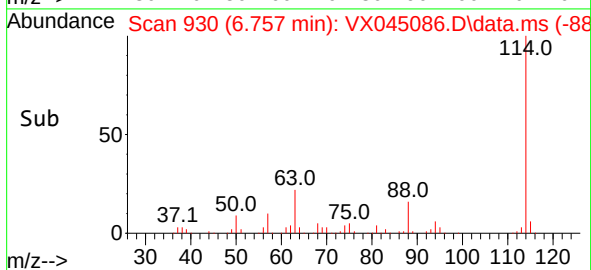
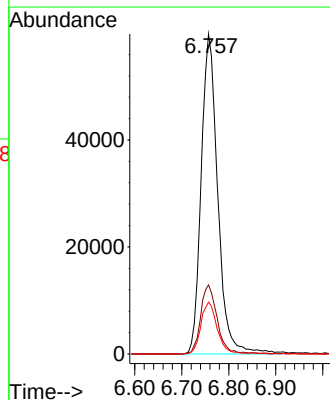
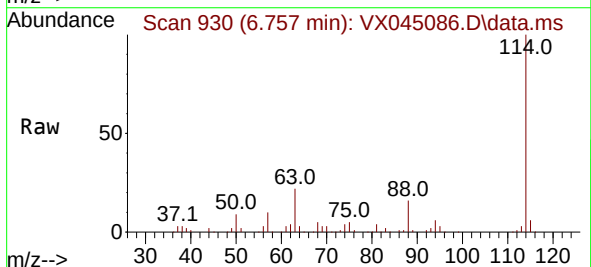
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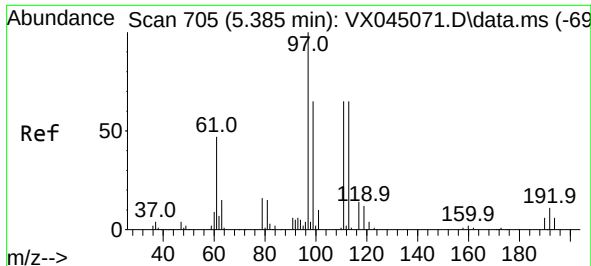
Tgt Ion: 65 Resp: 61755
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045086.D
 Acq: 28 Feb 2025 14:10

Tgt Ion: 114 Resp: 146444
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.957 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045086.D

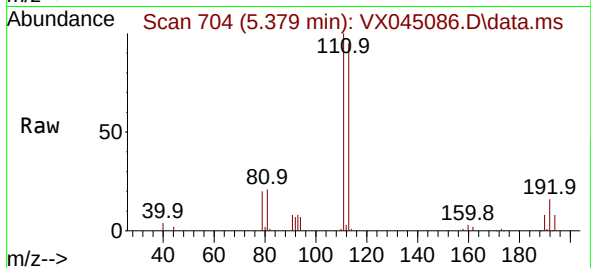
Acq: 28 Feb 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6



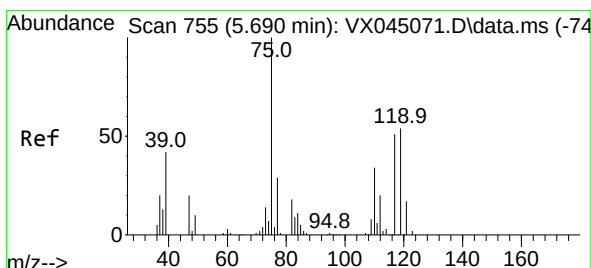
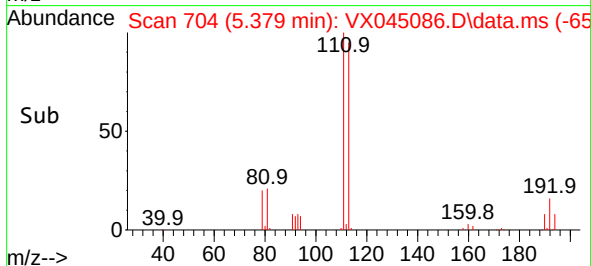
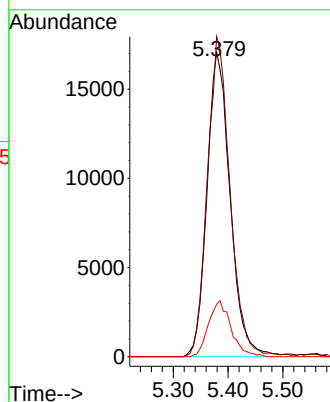
Tgt Ion:113 Resp: 49899

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

192 18.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.635 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX045086.D

Acq: 28 Feb 2025 14:10

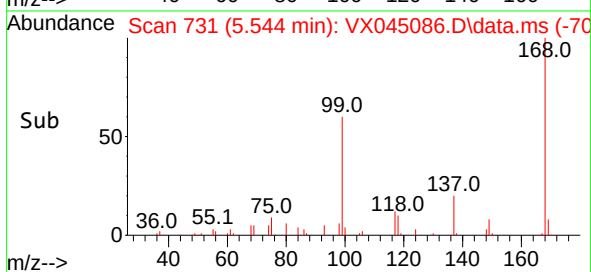
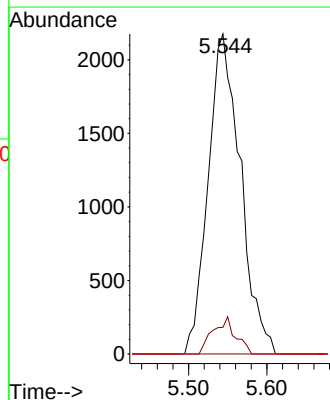
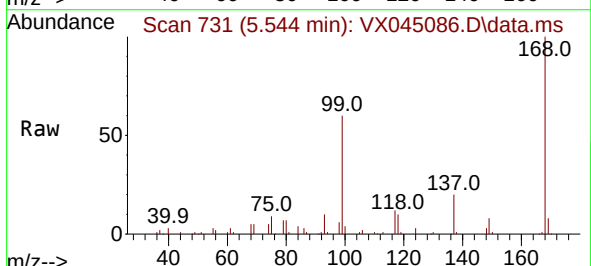
Tgt Ion: 75 Resp: 6224

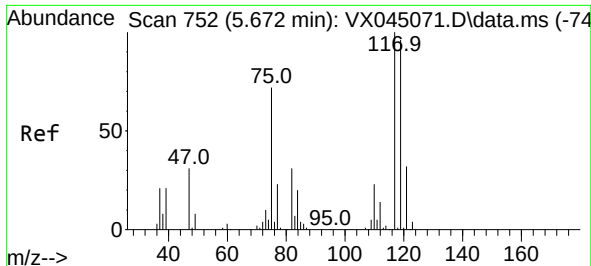
Ion Ratio Lower Upper

75 100

110 8.0 16.9 50.6#

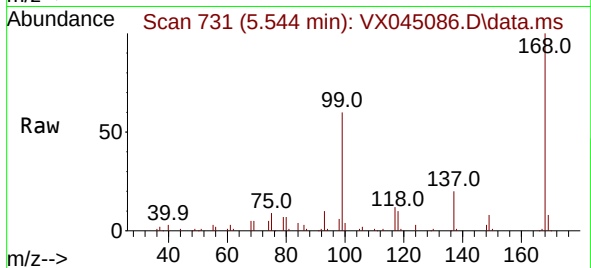
77 0.0 24.5 36.7#



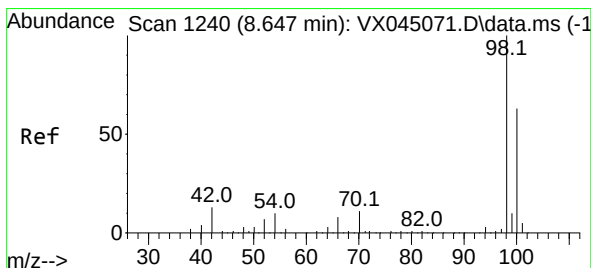
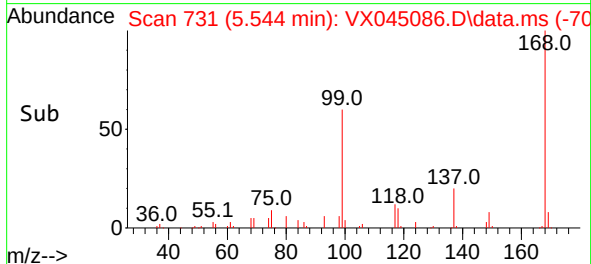
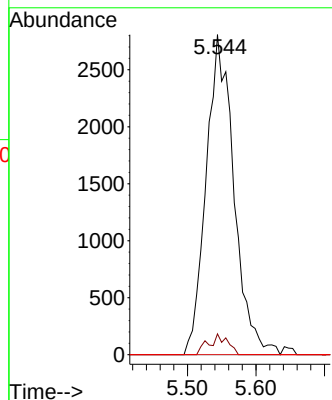


#38
Carbon Tetrachloride
Concen: 5.797 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

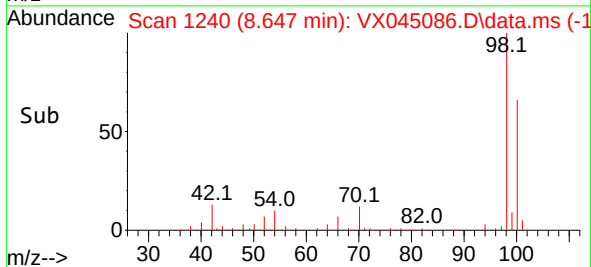
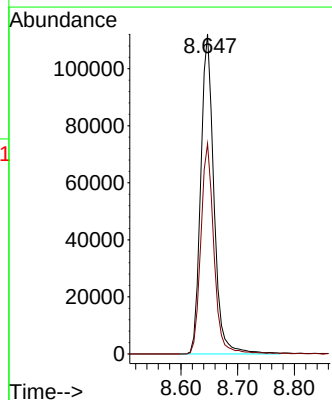
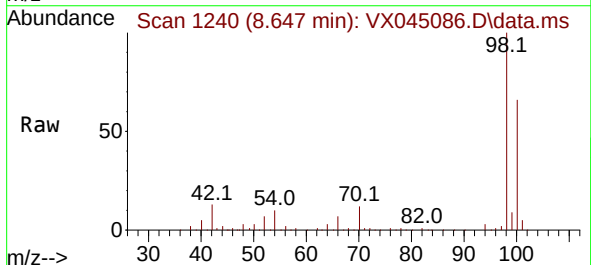


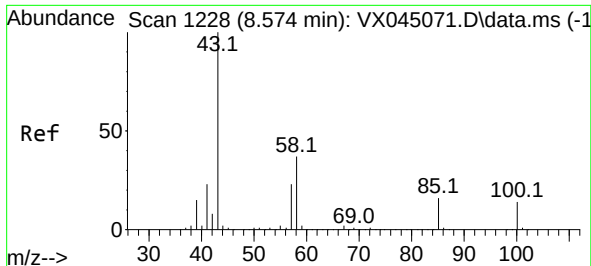
Tgt Ion:117 Resp: 7903
Ion Ratio Lower Upper
117 100
119 6.5 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.951 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Tgt Ion: 98 Resp: 180878
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

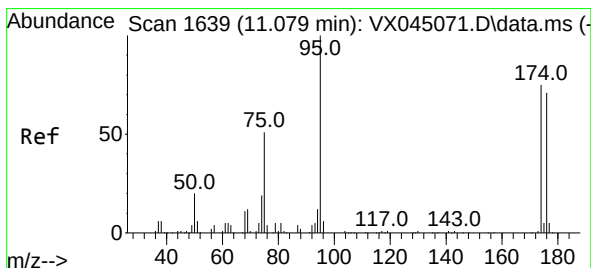
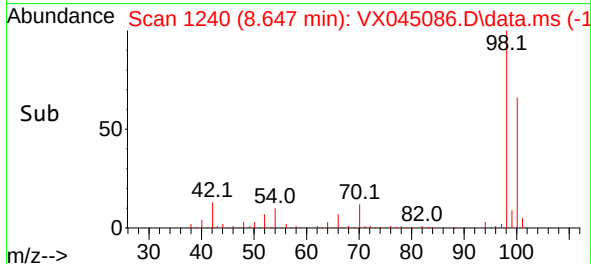
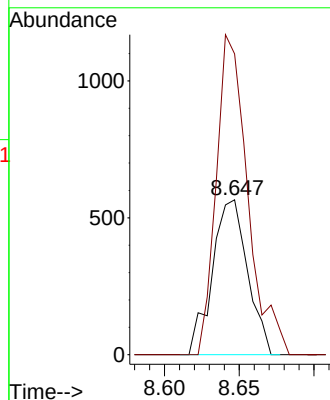
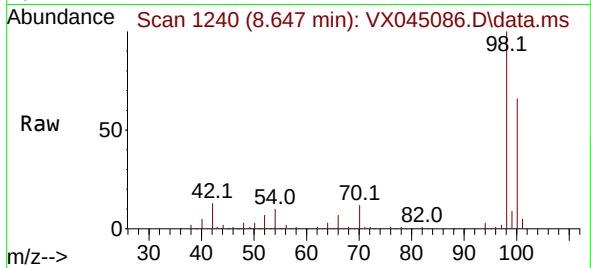




#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

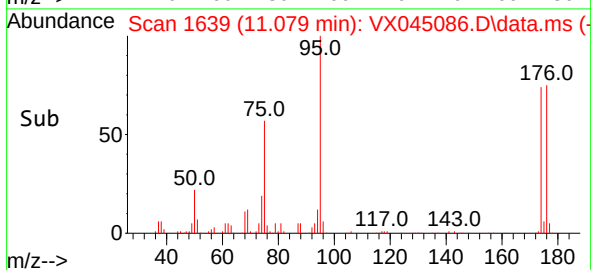
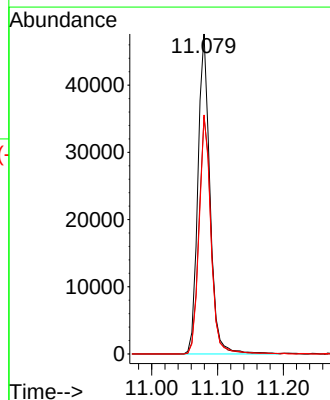
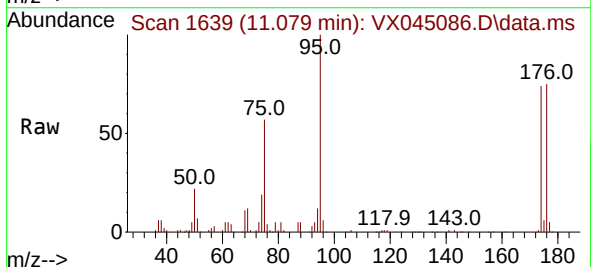
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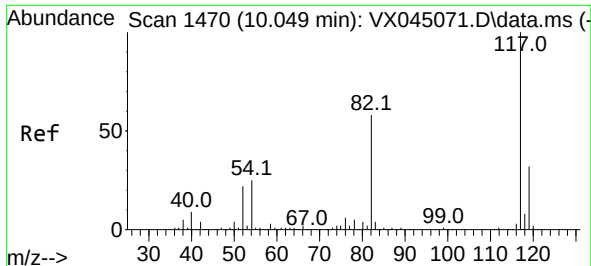
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 184.3 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 51.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Tgt Ion: 95 Resp: 60465
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.2
176 73.2 0.0 141.4

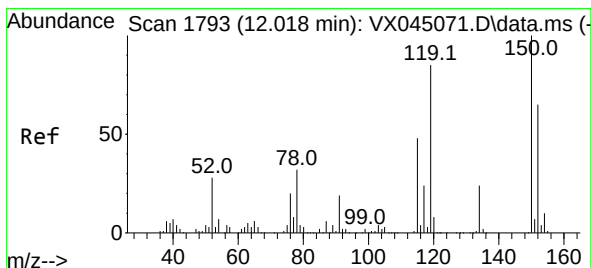
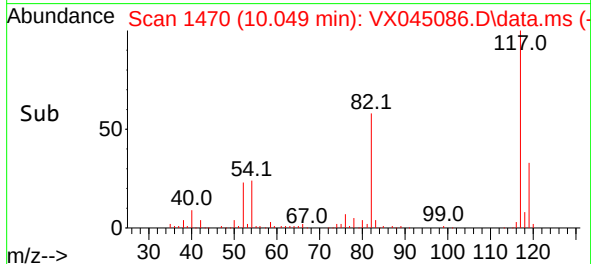
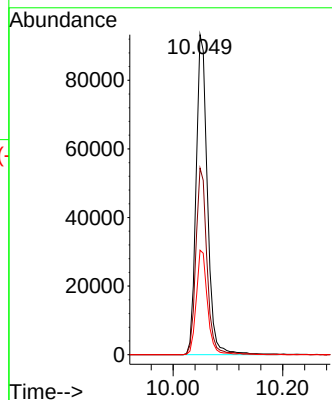
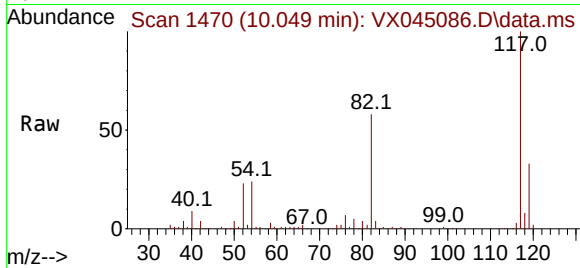




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

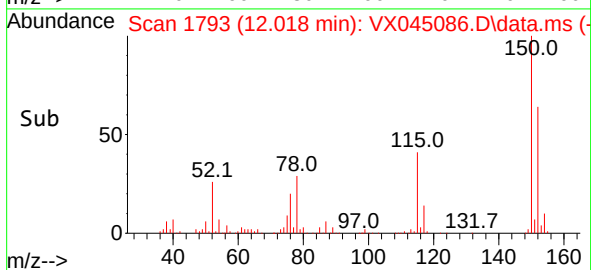
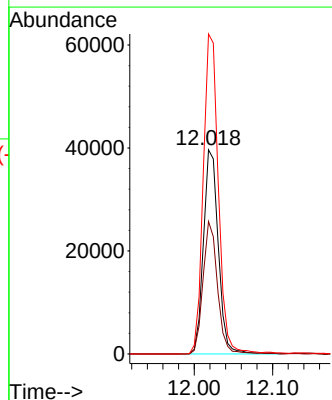
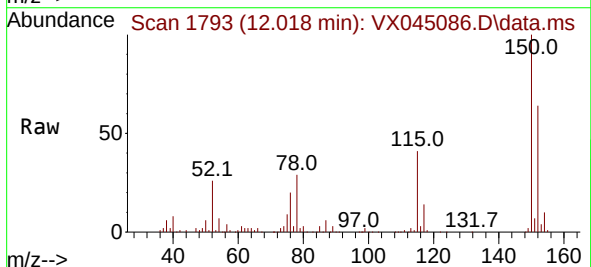
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

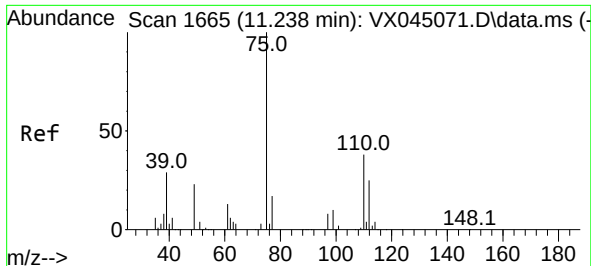
Tgt Ion:117 Resp: 134405
Ion Ratio Lower Upper
117 100
82 58.3 46.3 69.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Tgt Ion:152 Resp: 52276
Ion Ratio Lower Upper
152 100
115 63.3 44.2 132.6
150 159.8 0.0 349.0

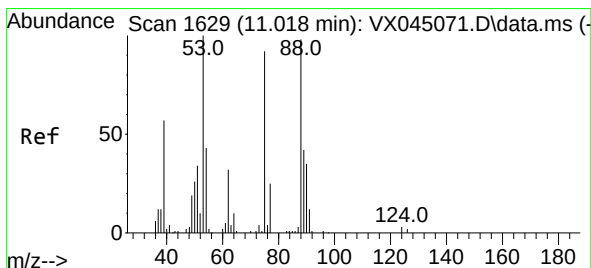
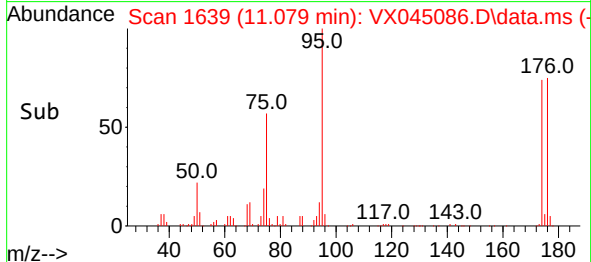
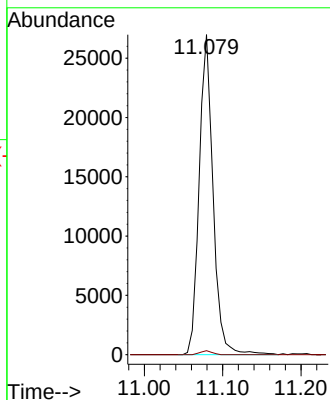
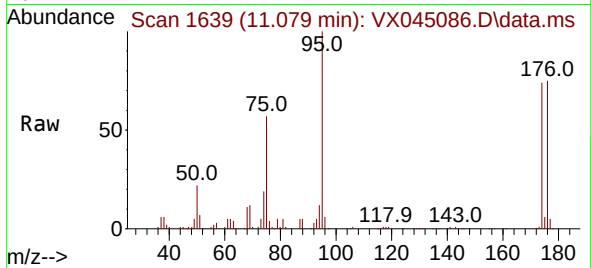




#76
1,2,3-Trichloropropane
Concen: 27.355 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SOIL-REF-6

Tgt Ion: 75 Resp: 33284
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Tgt Ion: 75 Resp: 33284
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

