

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045362.D
 Acq On : 20 Mar 2025 15:36
 Operator : JC/MD
 Sample : Q1584-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 21 01:49:38 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)

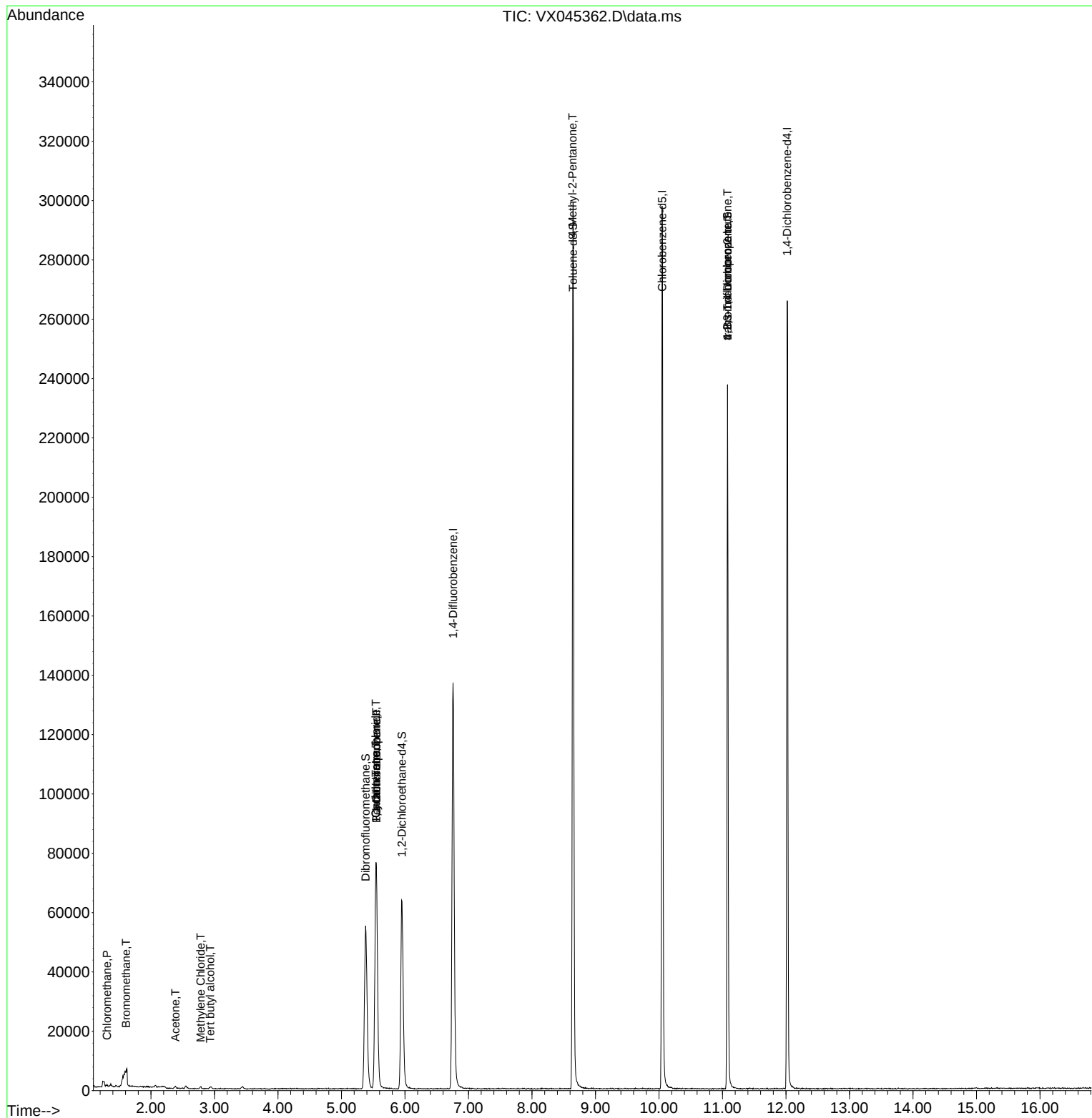
Internal Standards						
1) Pentafluorobenzene	5.550	168	69102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61132	55.617	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.240%
35) Dibromofluoromethane	5.379	113	47482	52.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.980%
50) Toluene-d8	8.647	98	169612	51.717	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.440%
62) 4-Bromofluorobenzene	11.079	95	59764	54.992	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	877	0.824	ug/l	99
5) Bromomethane	1.605	94	88	0.212	ug/l #	3
11) Tert butyl alcohol	2.934	59	256	1.230	ug/l #	73
16) Acetone	2.386	43	847	1.661	ug/l #	76
20) Methylene Chloride	2.782	84	231	0.229	ug/l #	81
31) Cyclohexane	5.544	56	1845	1.234	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6703	5.403	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7457	5.920	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	893	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33483	28.121	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33483	96.235	ug/l #	6

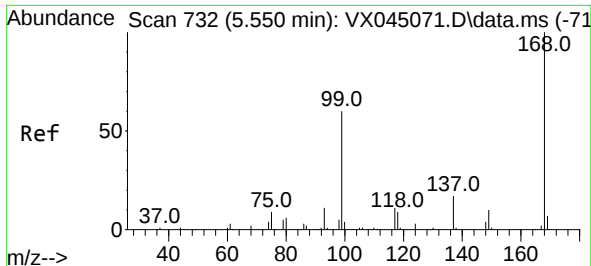
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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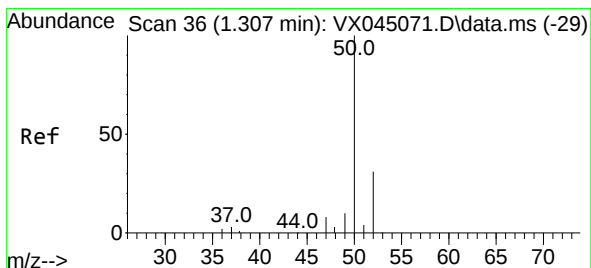
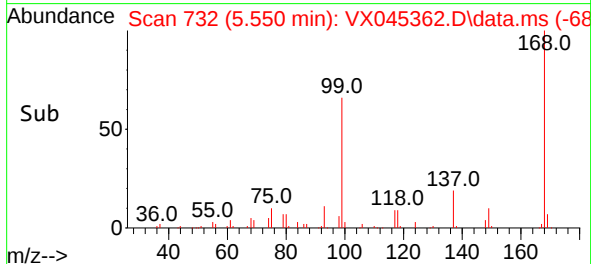
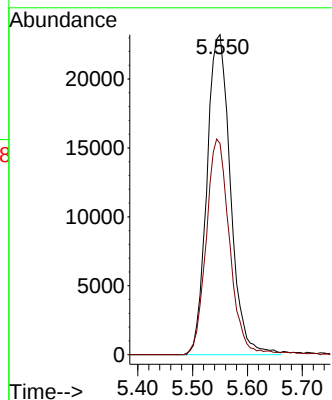
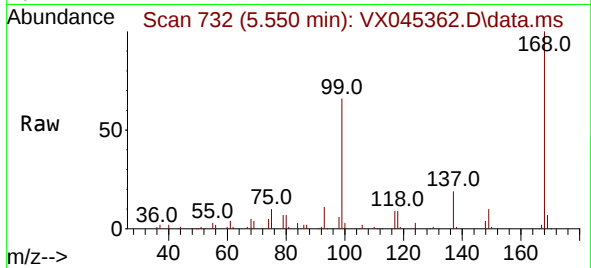




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

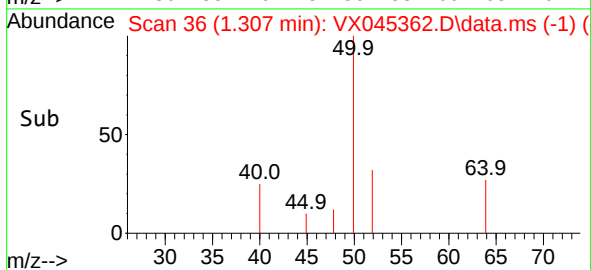
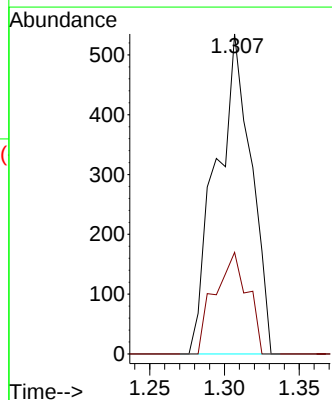
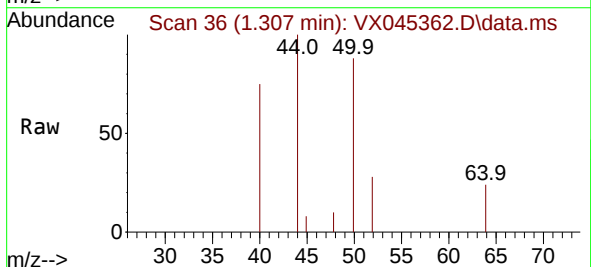
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

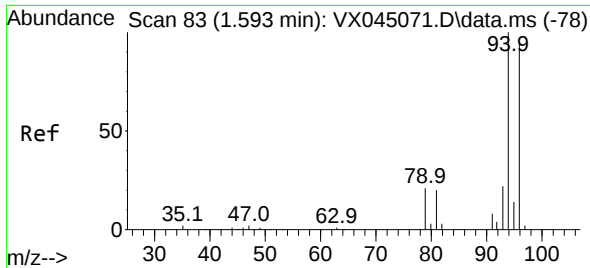
Tgt Ion:168 Resp: 69102
Ion Ratio Lower Upper
168 100
99 66.0 48.2 72.4



#3
Chloromethane
Concen: 0.824 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion: 50 Resp: 877
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4

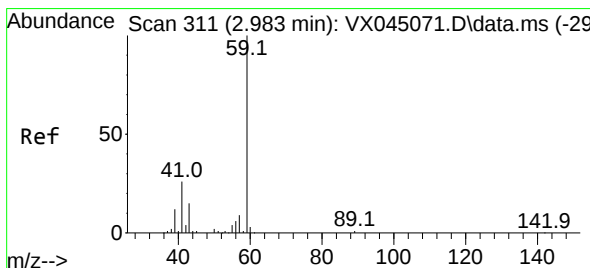
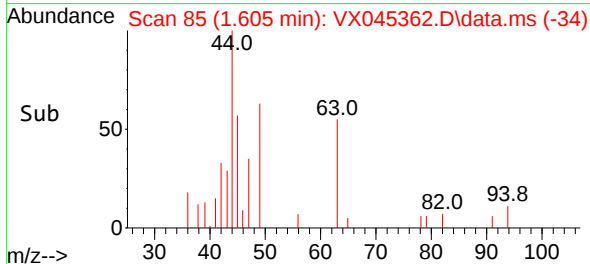
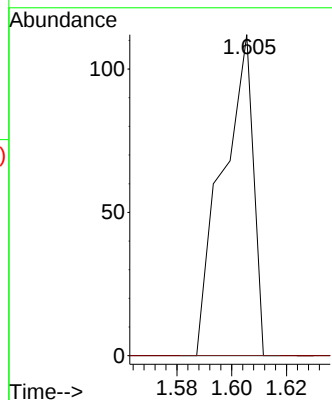
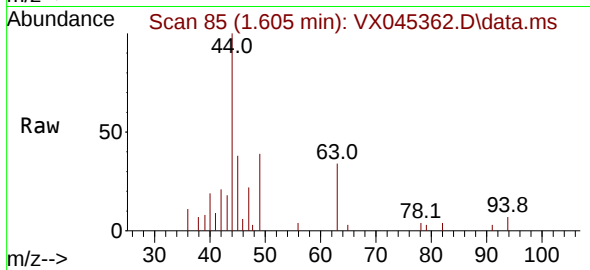




#5
Bromomethane
Concen: 0.212 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

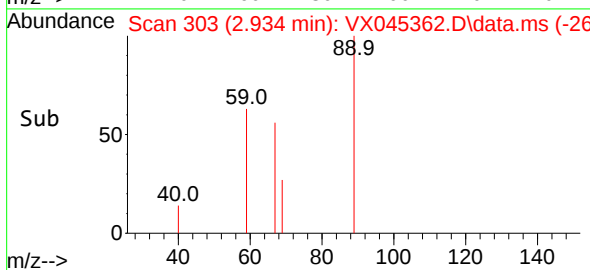
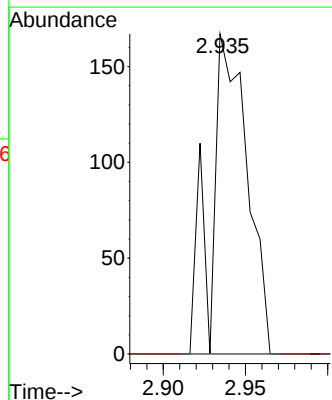
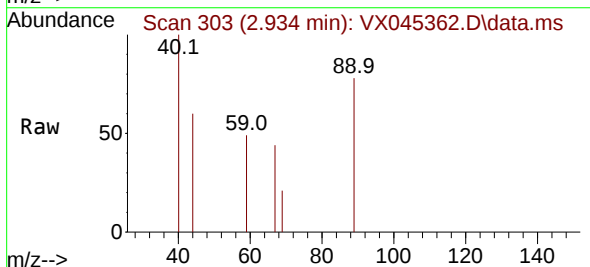
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion: 94 Resp: 88
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#



#11
Tert butyl alcohol
Concen: 1.230 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion: 59 Resp: 256
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

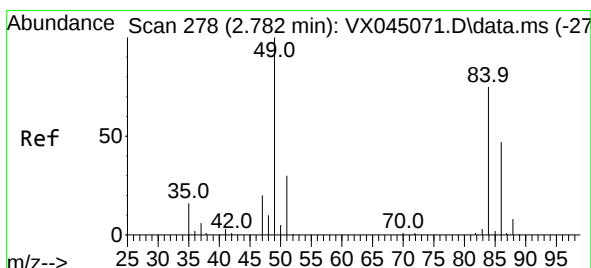
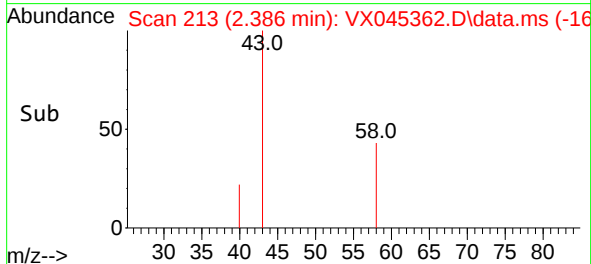
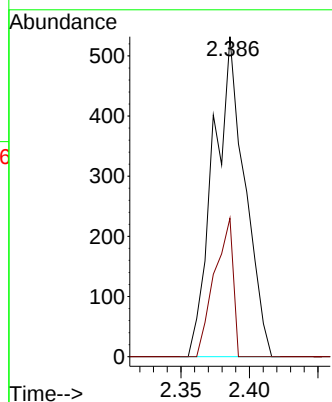
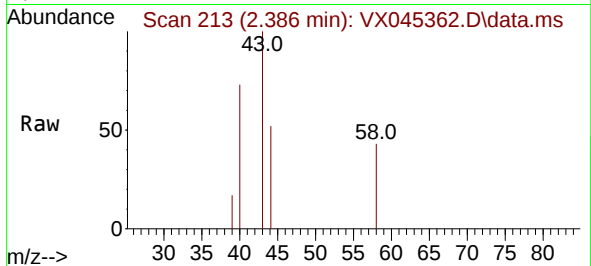




#16
Acetone
Concen: 1.661 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

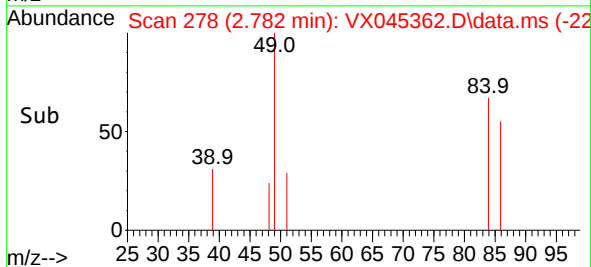
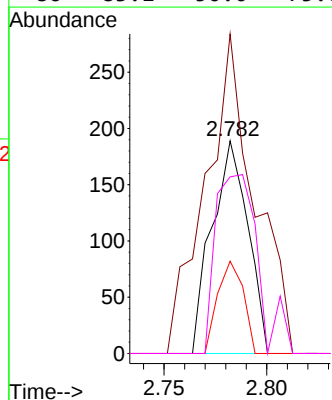
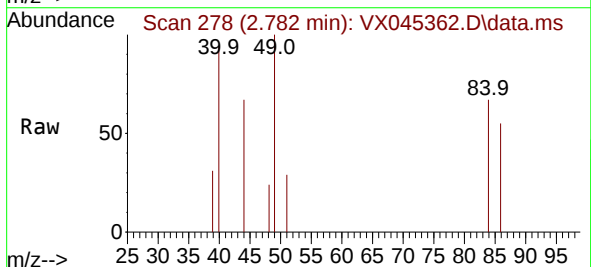
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

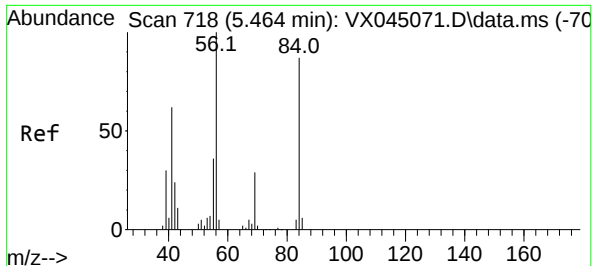
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 43.2 24.2 36.4#



#20
Methylene Chloride
Concen: 0.229 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

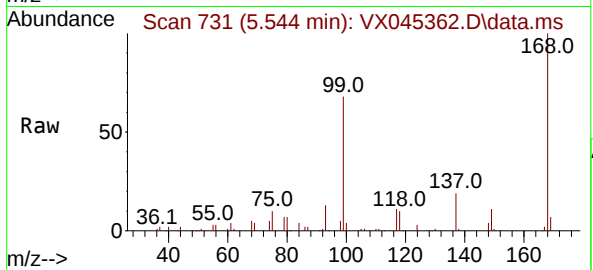
Tgt Ion: 84 Resp: 231
Ion Ratio Lower Upper
84 100
49 109.5 106.5 159.7
51 43.4 32.1 48.1
86 83.1 50.0 75.0#



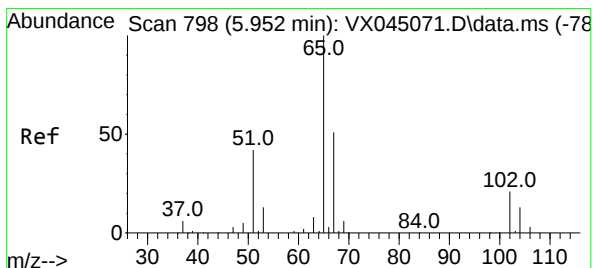
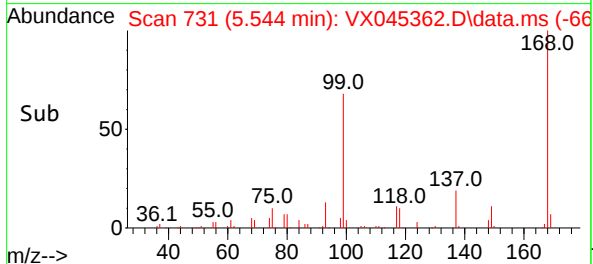
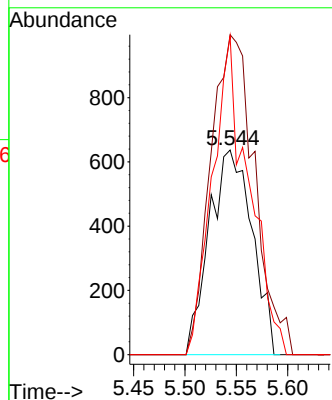


#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

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

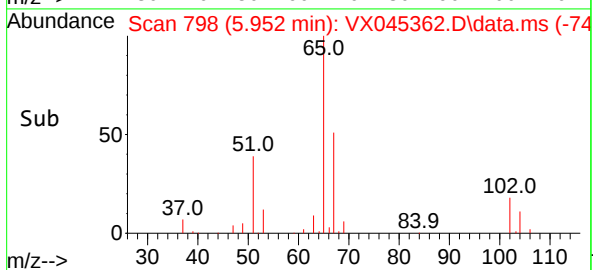
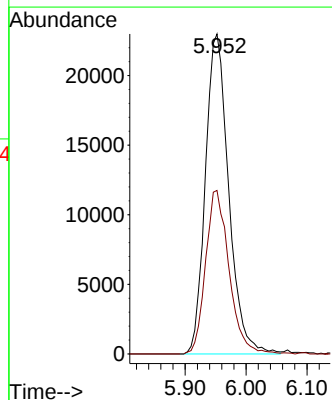
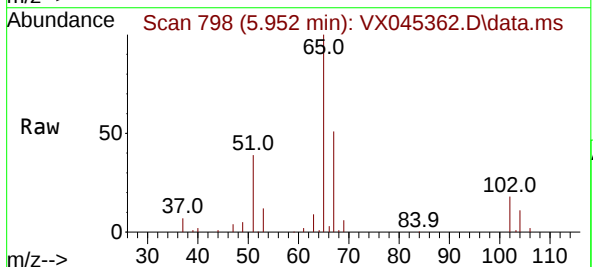


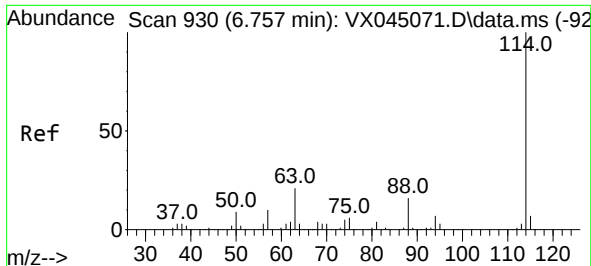
Tgt Ion: 56 Resp: 1845
Ion Ratio Lower Upper
56 100
69 156.4 23.4 35.2#
84 155.6 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 55.617 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion: 65 Resp: 61132
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2

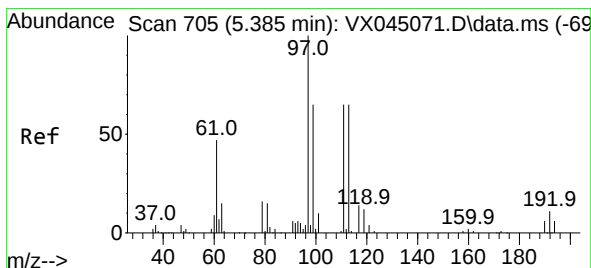
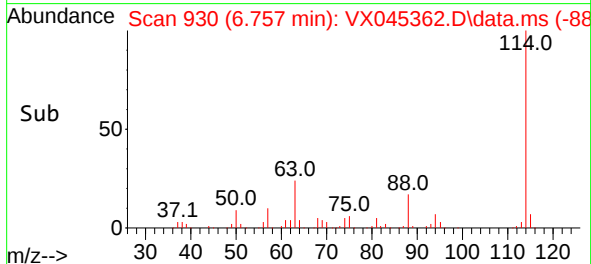
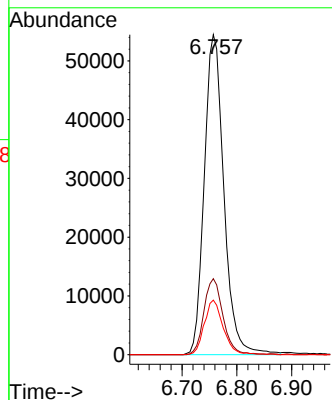
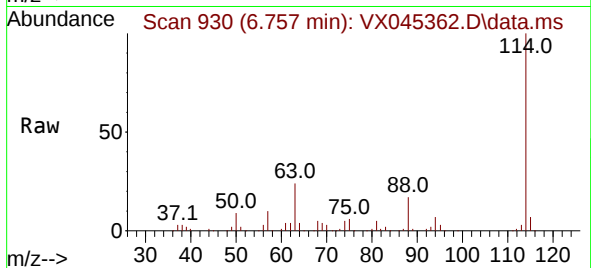




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

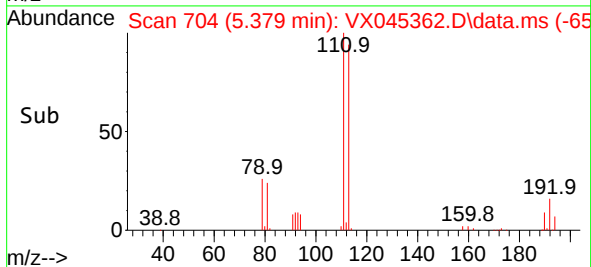
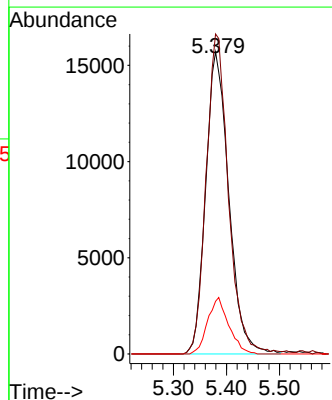
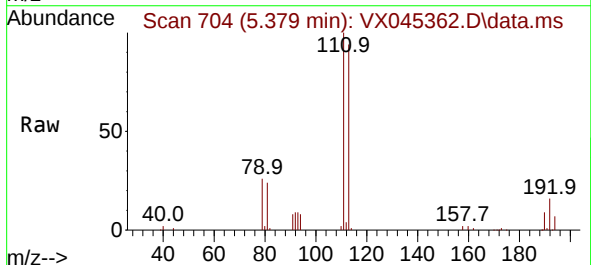
Instrument :
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ClientSampleId :
Storage-Blank-SOIL-REF-6

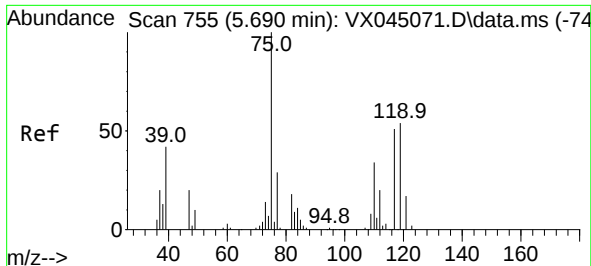
Tgt Ion:114 Resp: 135289
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.487 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion:113 Resp: 47482
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 17.1 14.3 21.5

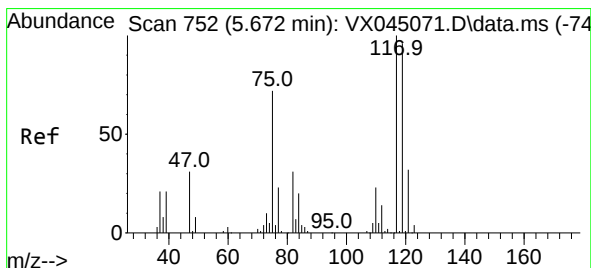
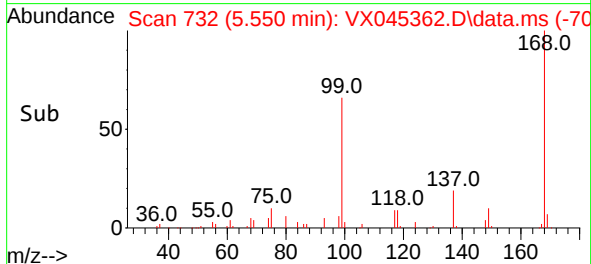
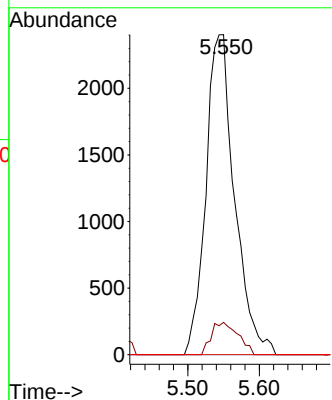
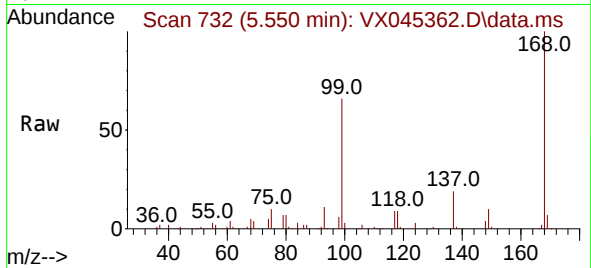




#36
1,1-Dichloropropene
Concen: 5.403 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

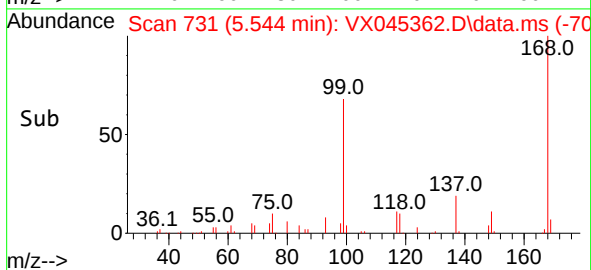
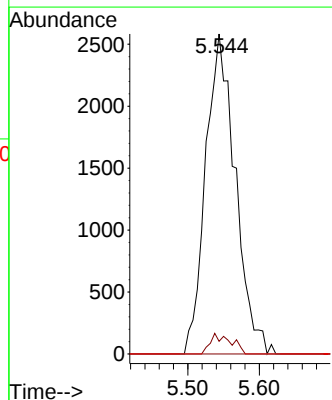
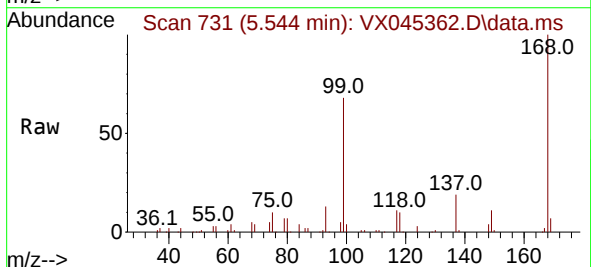
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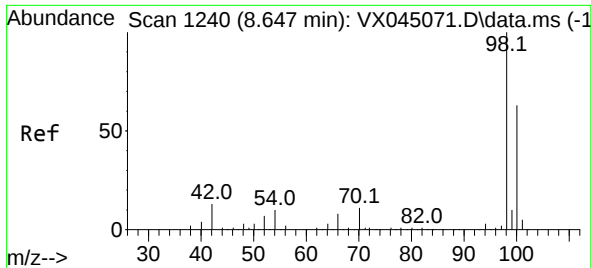
Tgt Ion: 75 Resp: 6703
Ion Ratio Lower Upper
75 100
110 9.4 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.920 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion: 117 Resp: 7457
Ion Ratio Lower Upper
117 100
119 4.0 76.7 115.1#
121 0.0 25.5 38.3#

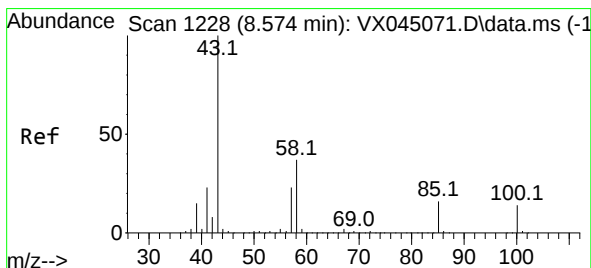
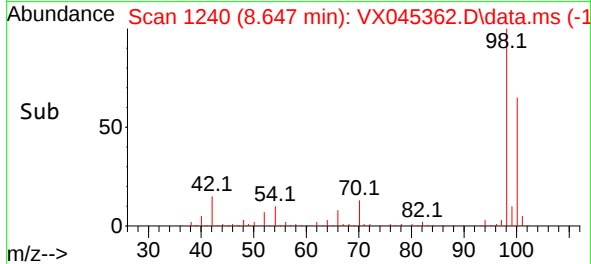
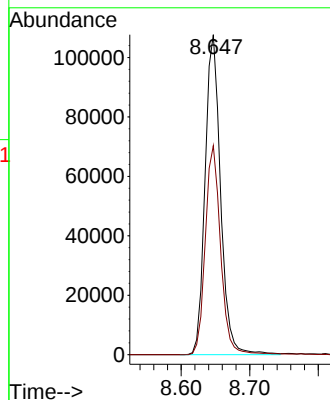
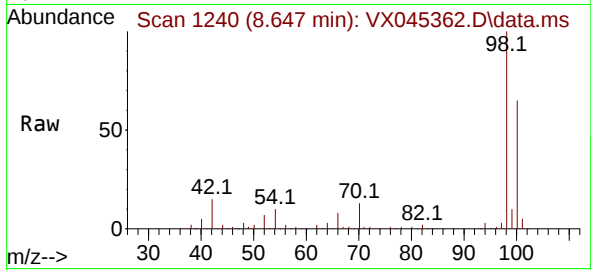




#50
Toluene-d8
Concen: 51.717 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

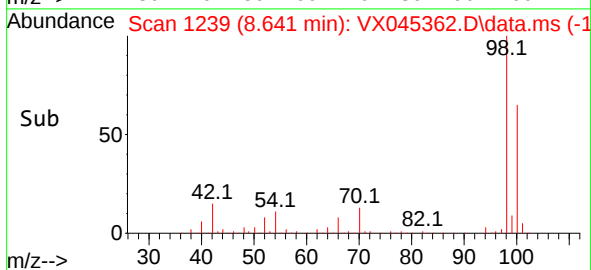
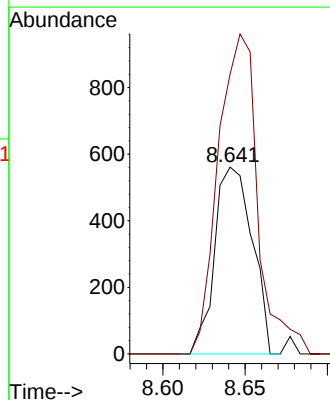
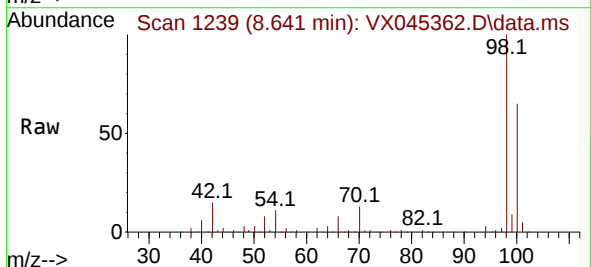
Instrument :
MSVOA_X
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Storage-Blank-SOIL-REF-6

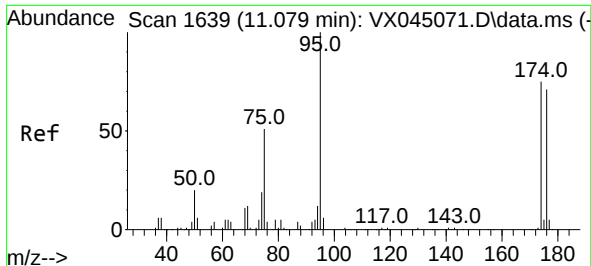
Tgt Ion: 98 Resp: 169612
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 180.2 29.2 43.8#

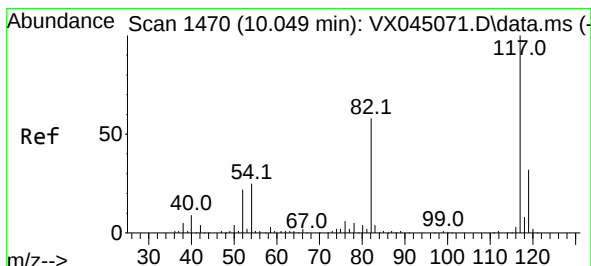
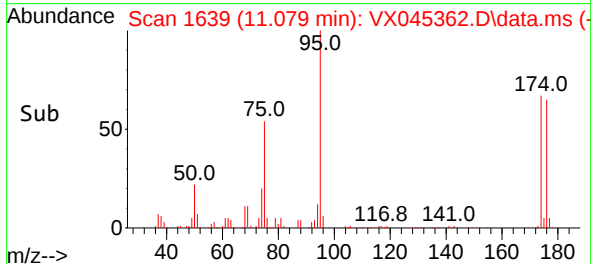
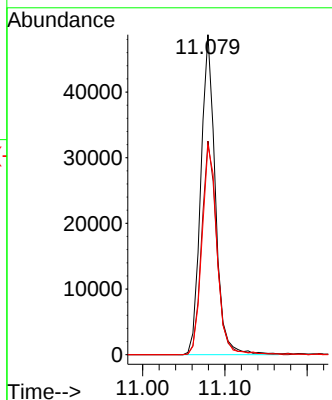
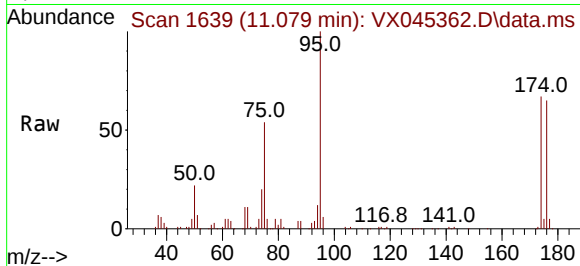




#62
4-Bromofluorobenzene
Concen: 54.992 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

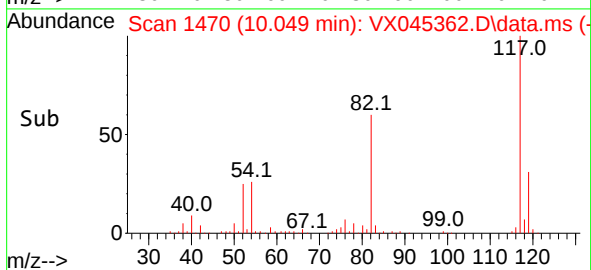
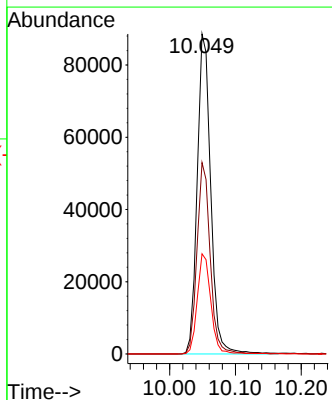
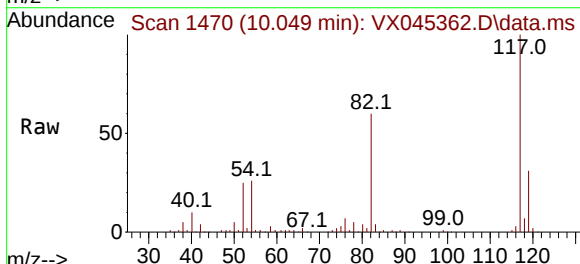
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

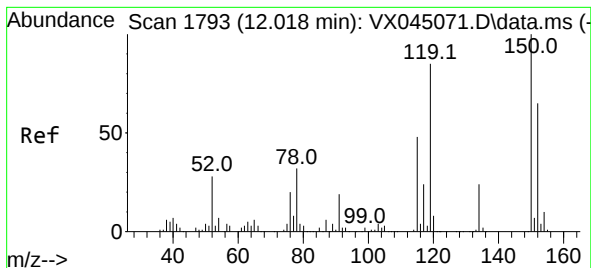
Tgt Ion: 95 Resp: 59764
Ion Ratio Lower Upper
95 100
174 69.3 0.0 148.2
176 68.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045362.D
Acq: 20 Mar 2025 15:36

Tgt Ion: 117 Resp: 126510
Ion Ratio Lower Upper
117 100
82 59.8 46.3 69.5
119 31.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045362.D

Acq: 20 Mar 2025 15:36

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

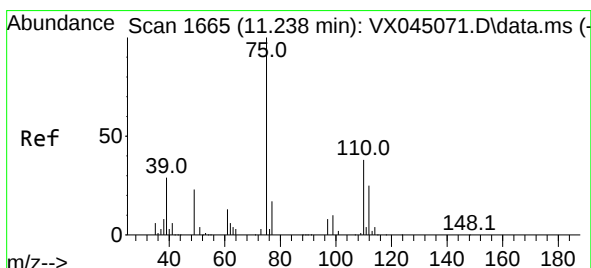
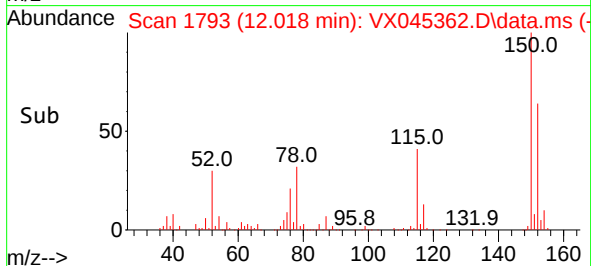
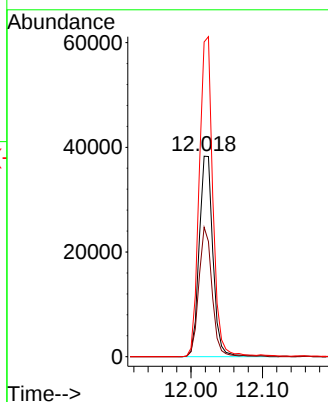
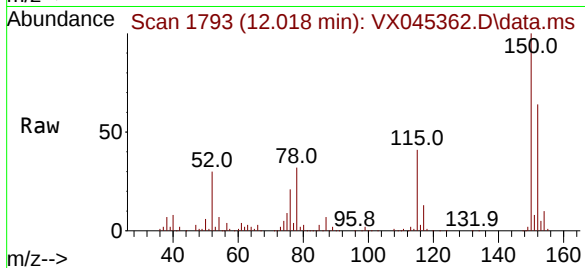
Tgt Ion:152 Resp: 51157

Ion Ratio Lower Upper

152 100

115 62.2 44.2 132.6

150 157.7 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 28.121 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045362.D

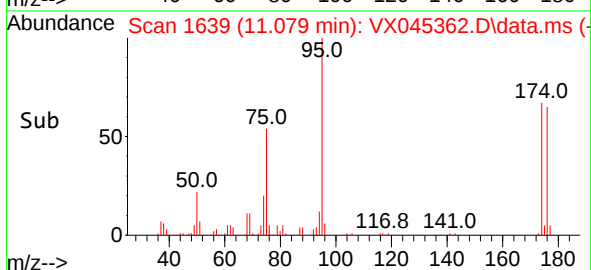
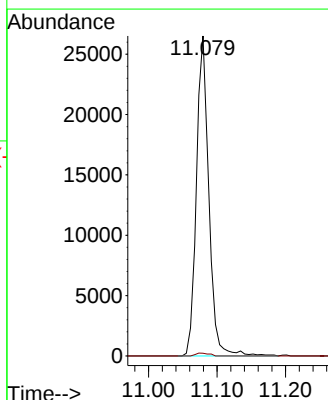
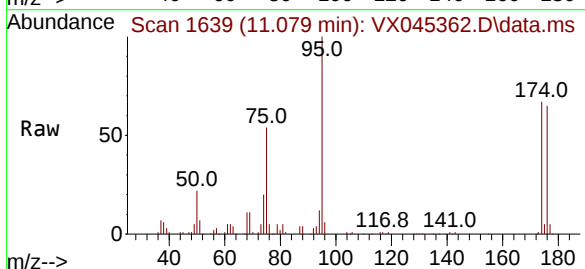
Acq: 20 Mar 2025 15:36

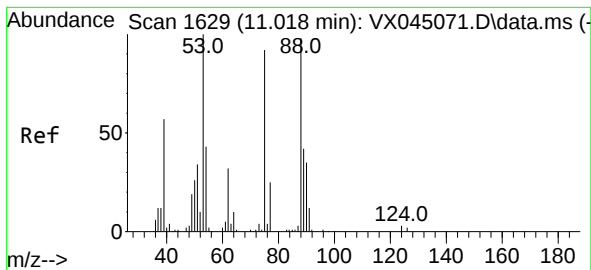
Tgt Ion: 75 Resp: 33483

Ion Ratio Lower Upper

75 100

77 1.0 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.235 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045362.D
 Acq: 20 Mar 2025 15:36

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

Tgt Ion: 75 Resp: 33483
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

