

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045580.D
 Acq On : 03 Apr 2025 18:43
 Operator : JC/MD
 Sample : Q1676-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Apr 04 01:28:56 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)

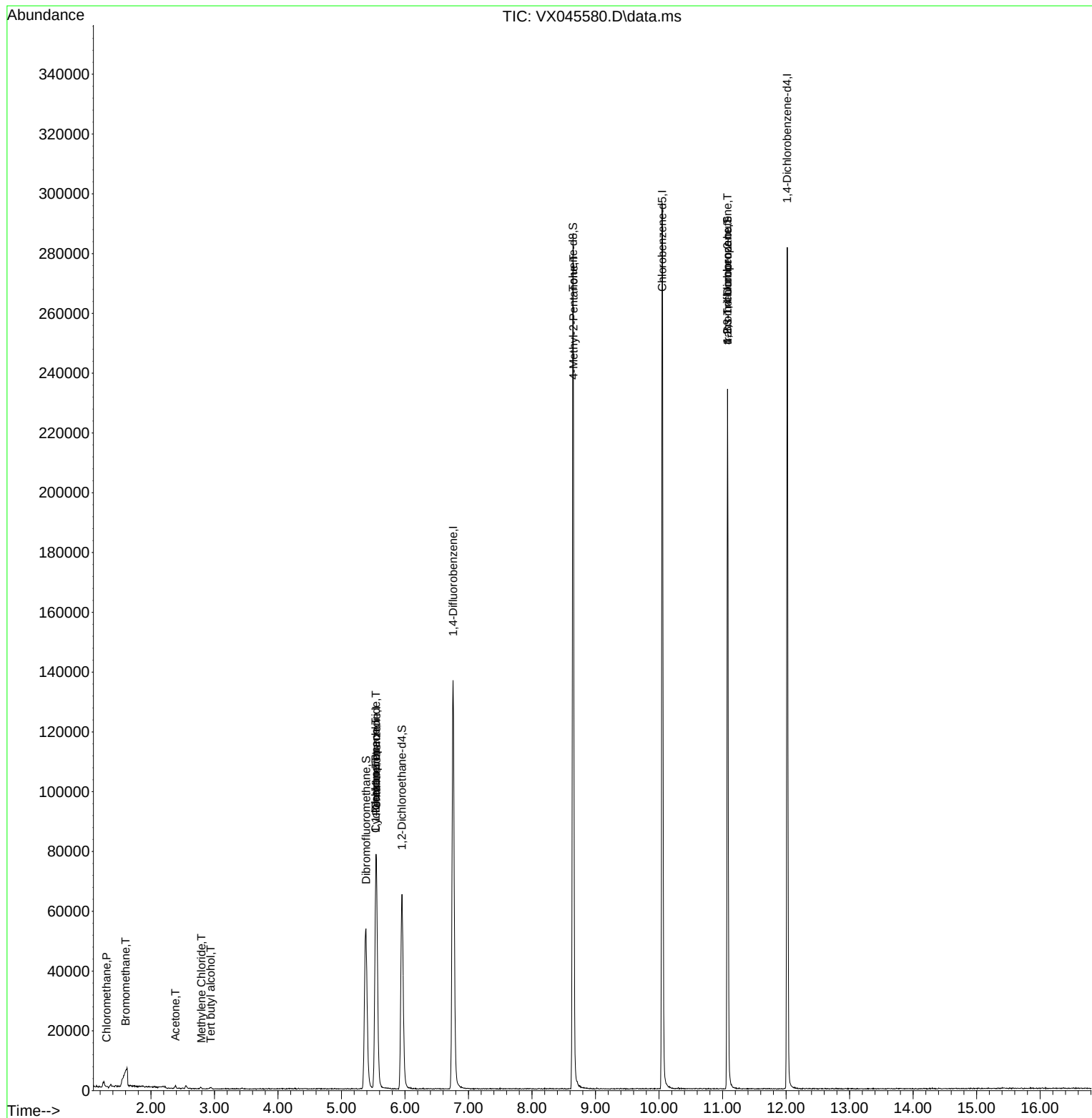
Internal Standards						
1) Pentafluorobenzene	5.550	168	65833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65866	54.710	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.420%	
35) Dibromofluoromethane	5.385	113	47118	51.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	8.647	98	162253	50.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	11.079	95	60680	51.977	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	369	0.365	ug/l	93
5) Bromomethane	1.599	94	109	0.248	ug/l	96
11) Tert butyl alcohol	2.941	59	103	0.637	ug/l #	72
16) Acetone	2.386	43	1044	2.112	ug/l	99
20) Methylene Chloride	2.794	84	222	0.240	ug/l #	70
31) Cyclohexane	5.538	56	2218	1.502	ug/l #	55
36) 1,1-Dichloropropene	5.538	75	6673	5.382	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7733	5.771	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	881	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35156	28.246	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35156	95.863	ug/l #	1

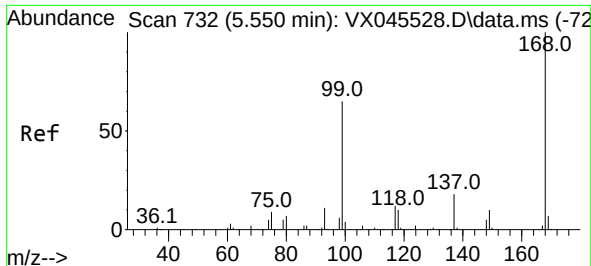
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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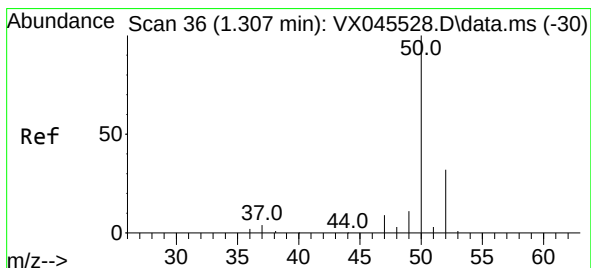
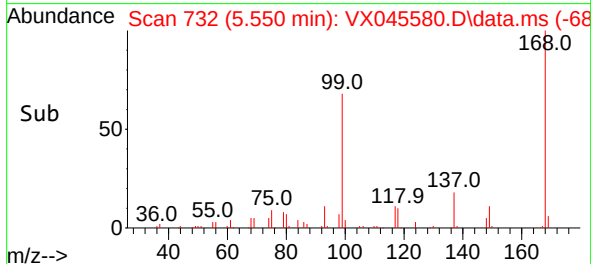
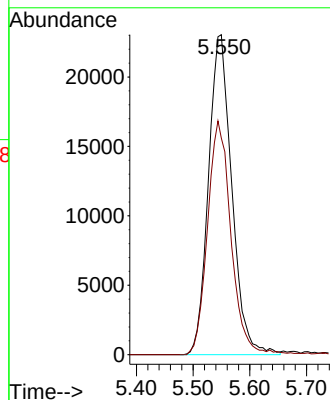
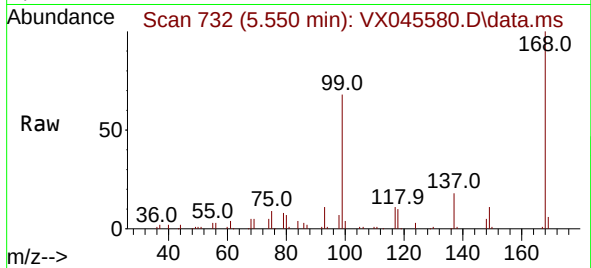




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

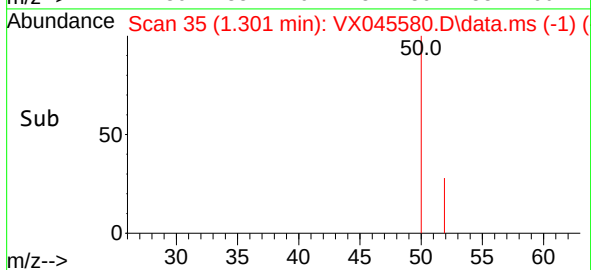
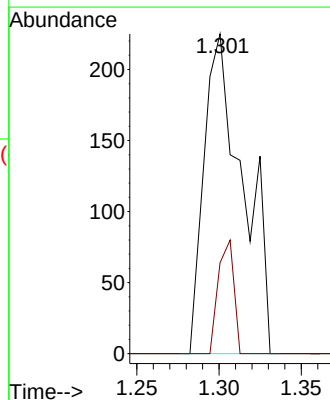
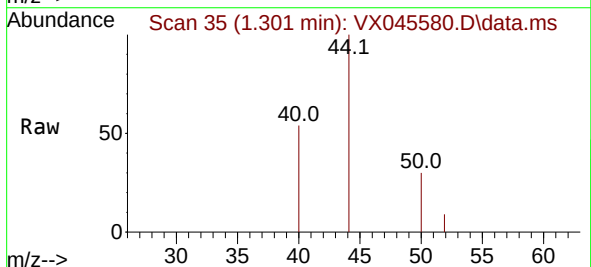
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

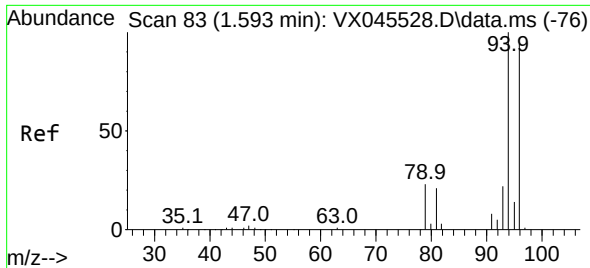
Tgt Ion:168 Resp: 65833
Ion Ratio Lower Upper
168 100
99 67.7 52.3 78.5



#3
Chloromethane
Concen: 0.365 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

Tgt Ion: 50 Resp: 369
Ion Ratio Lower Upper
50 100
52 28.4 25.9 38.9

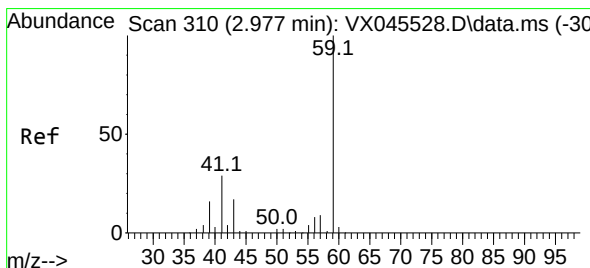
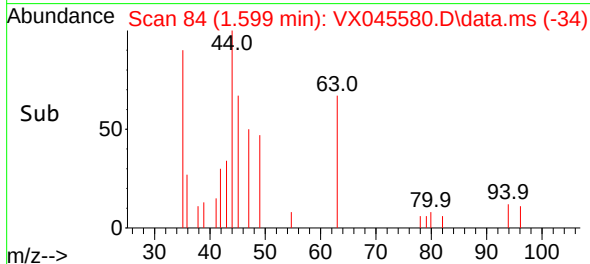
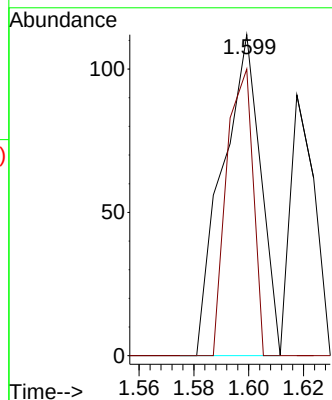
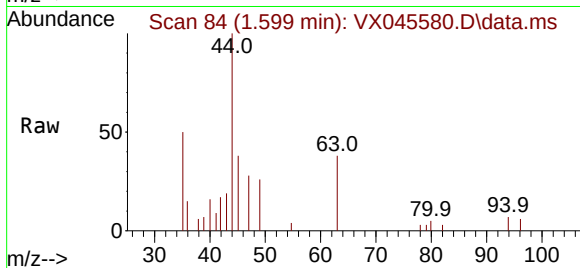




#5
Bromomethane
Concen: 0.248 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

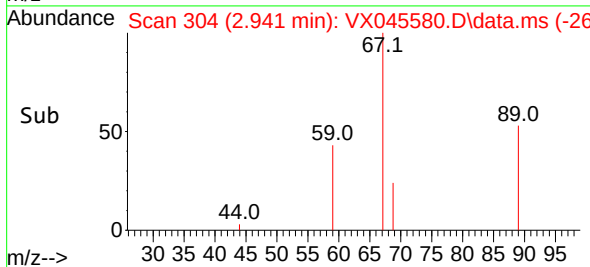
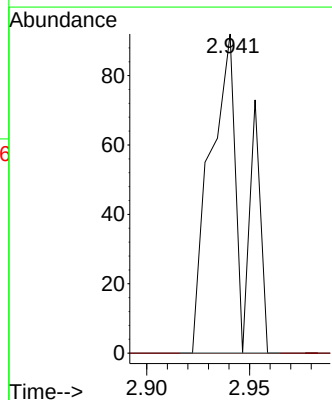
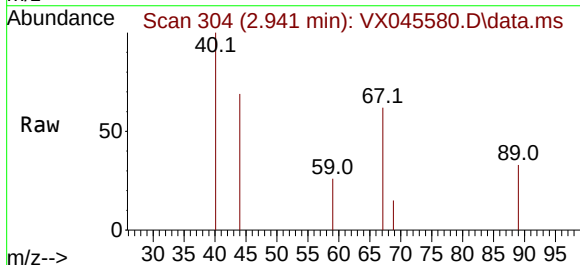
Instrument :
MSVOA_X
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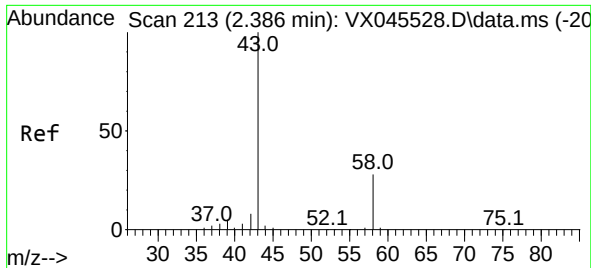
Tgt Ion: 94 Resp: 109
Ion Ratio Lower Upper
94 100
96 89.3 74.8 112.2



#11
Tert butyl alcohol
Concen: 0.637 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

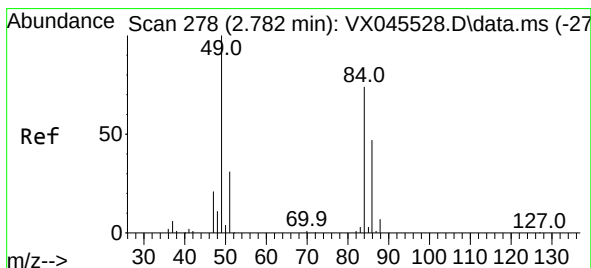
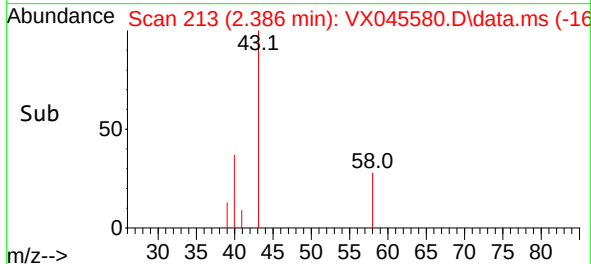
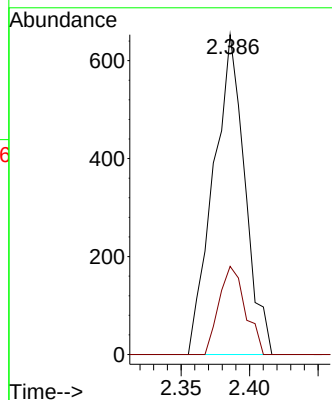
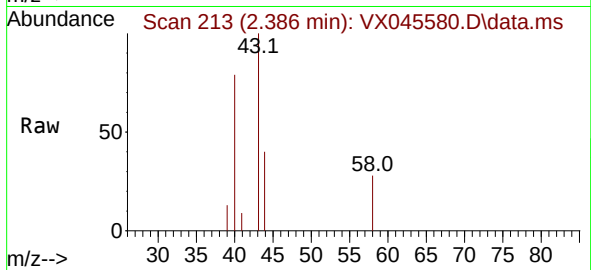




#16
Acetone
Concen: 2.112 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

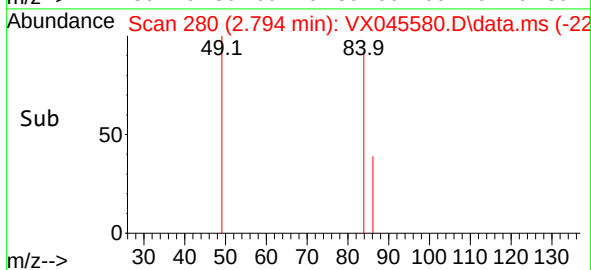
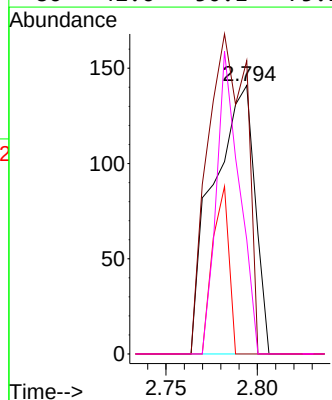
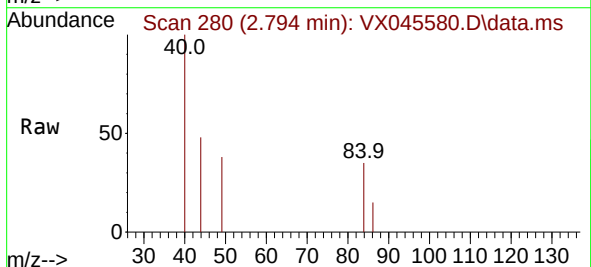
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

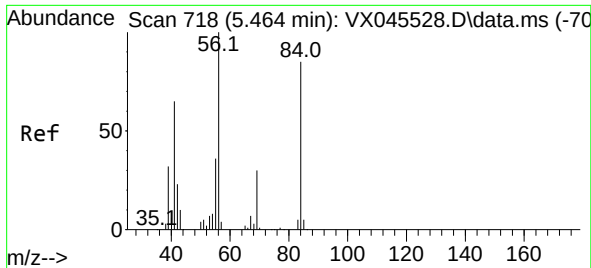
Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5



#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

Tgt Ion: 84 Resp: 222
Ion Ratio Lower Upper
84 100
49 109.2 107.5 161.3
51 0.0 33.0 49.6#
86 42.6 50.1 75.1#

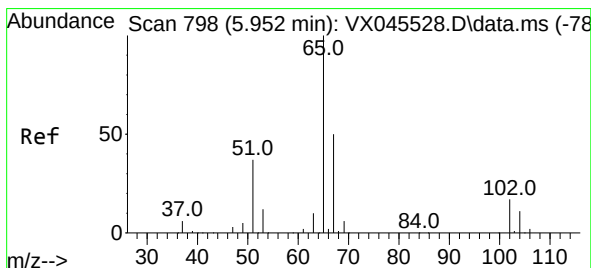
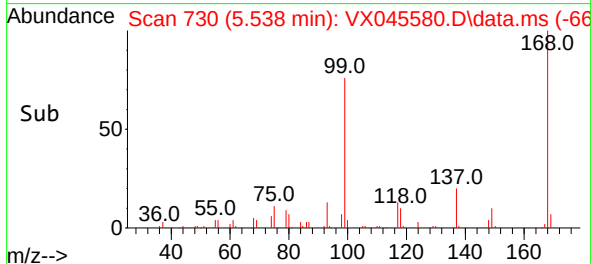
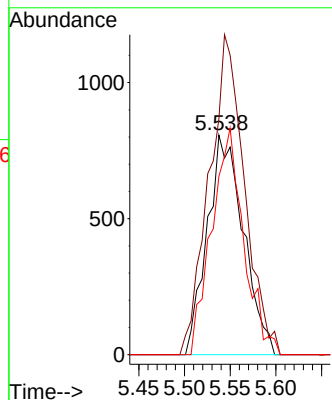
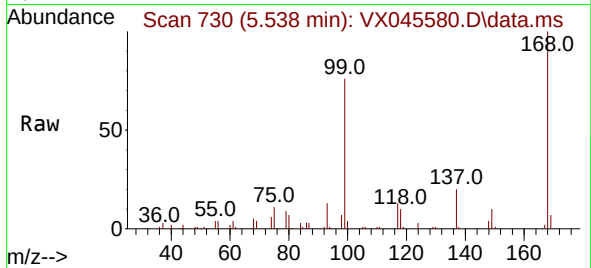




#31
Cyclohexane
Concen: 1.502 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

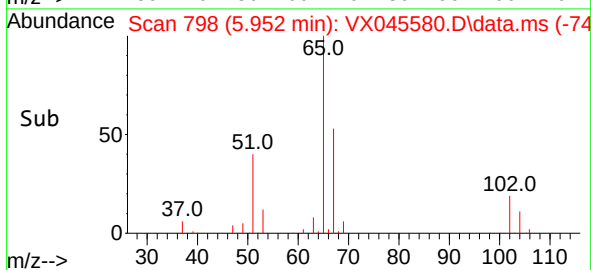
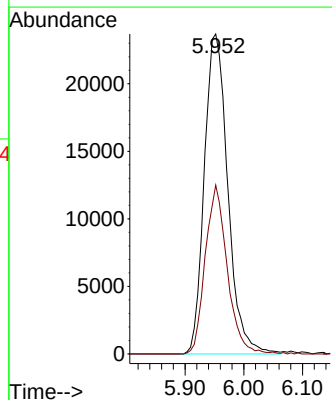
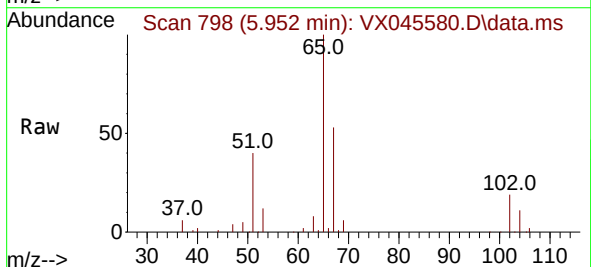
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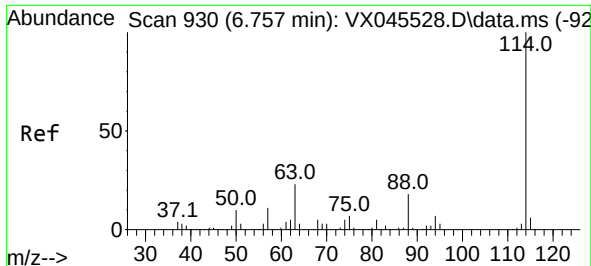
Tgt Ion: 56 Resp: 2218
Ion Ratio Lower Upper
56 100
69 107.6 23.6 35.4#
84 94.2 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.710 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

Tgt Ion: 65 Resp: 65866
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

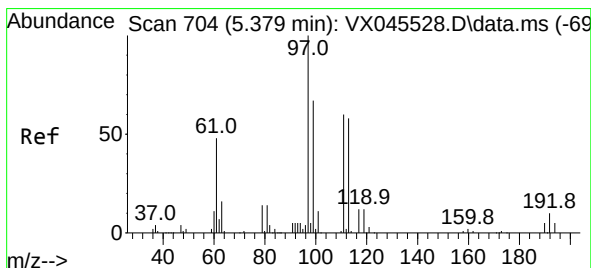
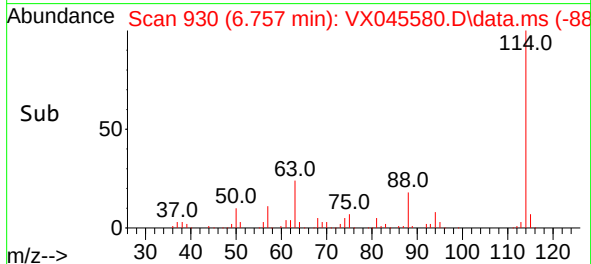
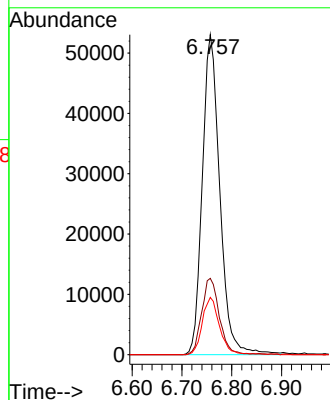
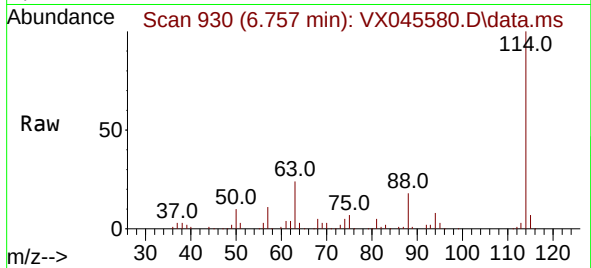




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

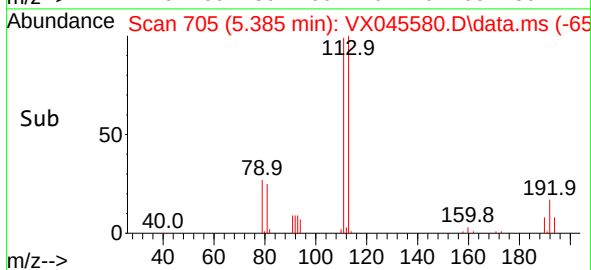
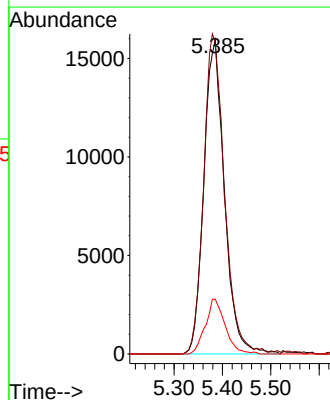
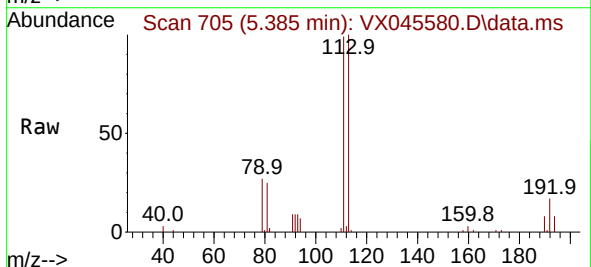
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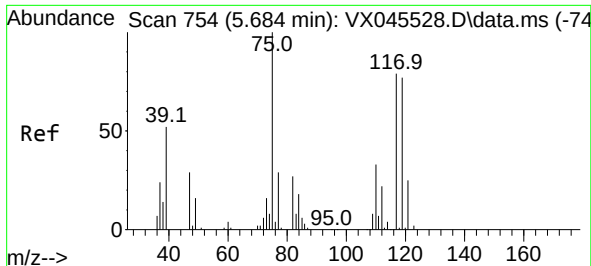
Tgt Ion:114 Resp: 129421
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.8
88 17.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.313 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

Tgt Ion:113 Resp: 47118
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 16.8 13.8 20.6

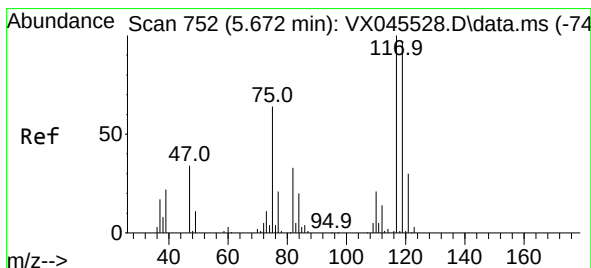
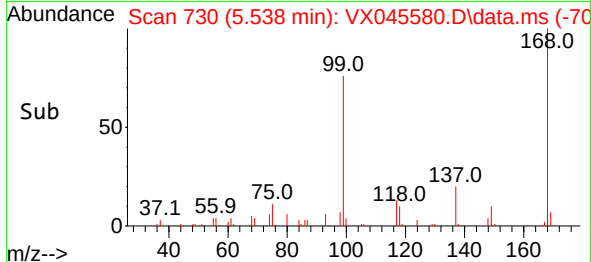
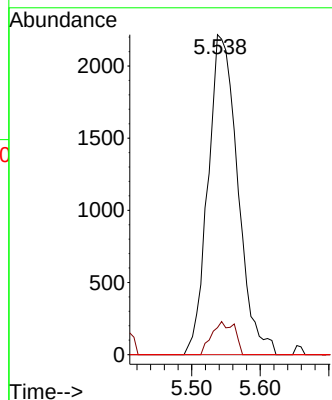
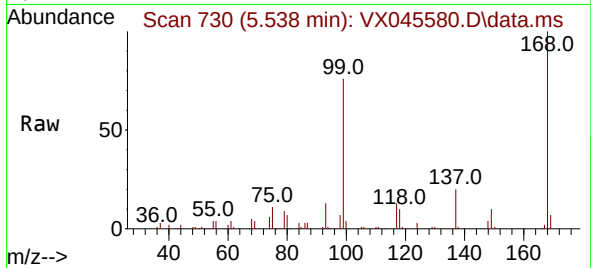




#36
1,1-Dichloropropene
Concen: 5.382 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

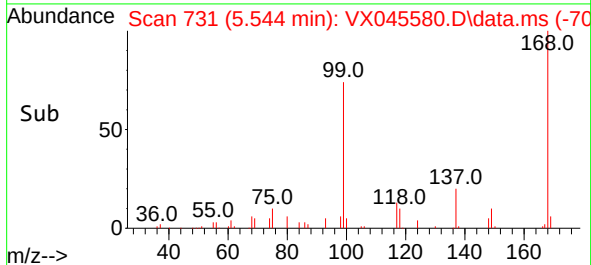
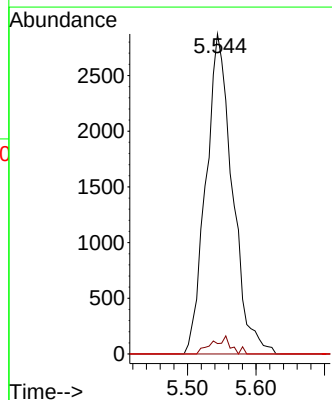
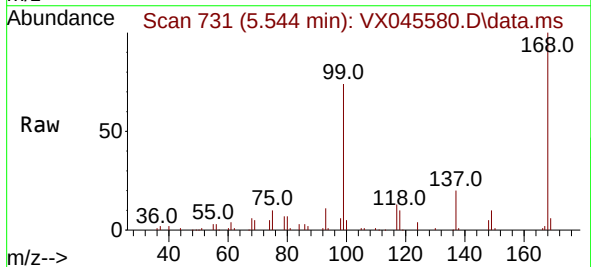
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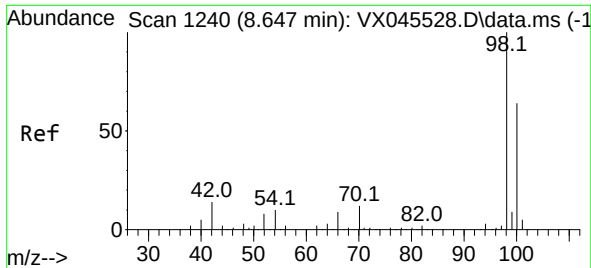
Tgt Ion: 75 Resp: 6673
Ion Ratio Lower Upper
75 100
110 7.9 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.771 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

Tgt Ion: 117 Resp: 7733
Ion Ratio Lower Upper
117 100
119 3.3 76.9 115.3#
121 0.0 24.2 36.2#

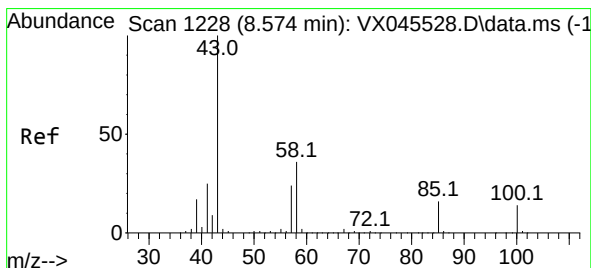
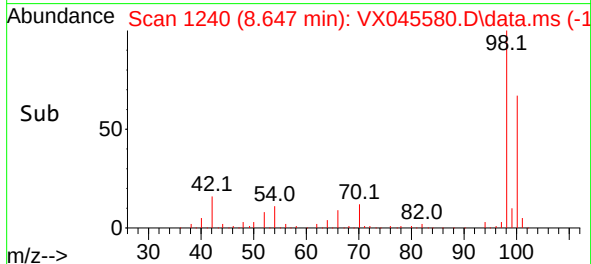
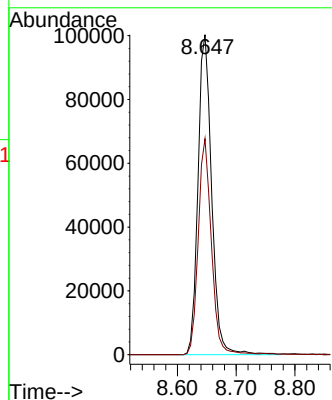
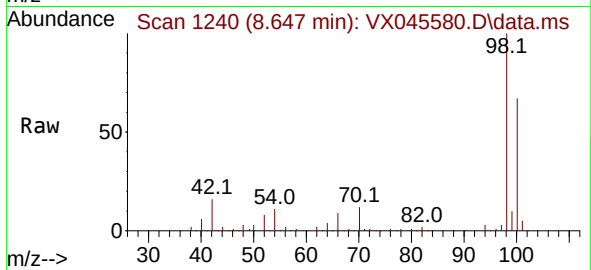




#50
Toluene-d8
Concen: 50.624 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

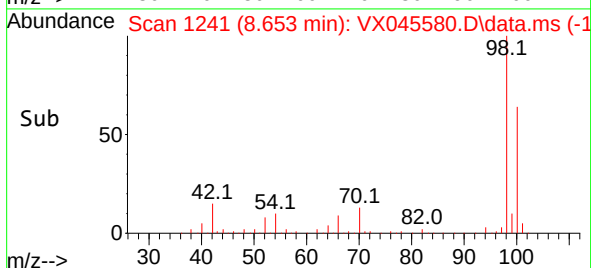
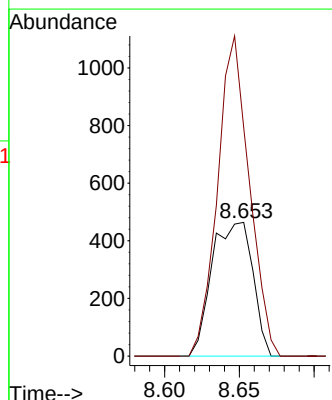
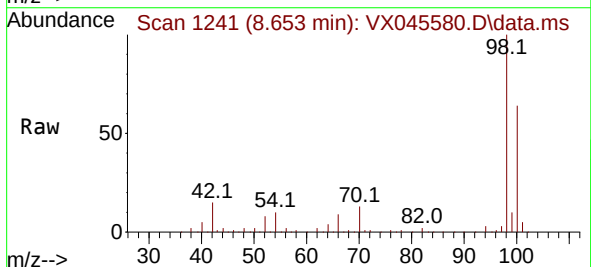
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Storage-Blank-SOIL-REF-6

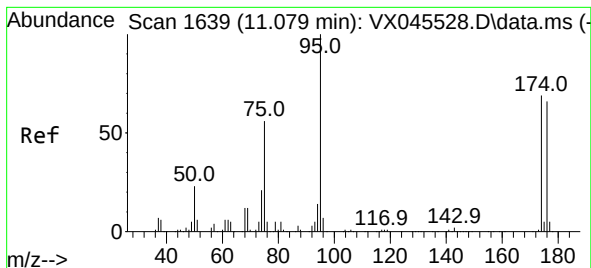
Tgt Ion: 98 Resp: 162253
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 186.5 28.5 42.7#

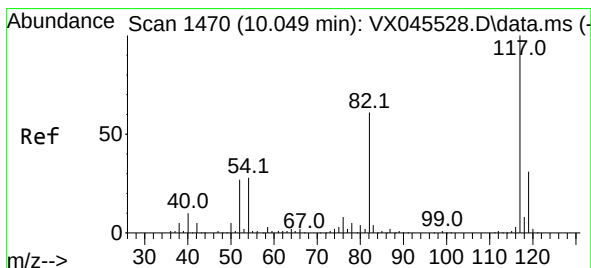
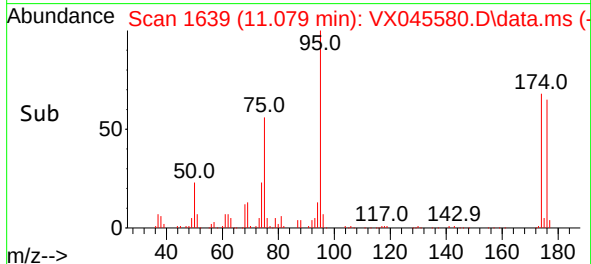
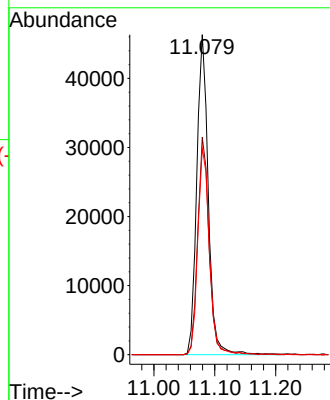
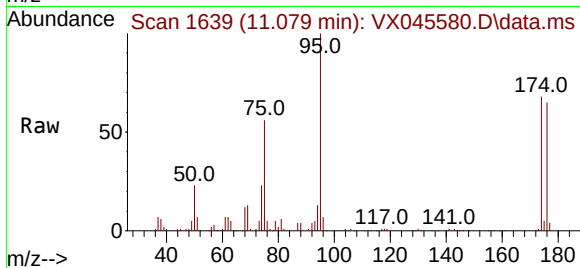




#62
4-Bromofluorobenzene
Concen: 51.977 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

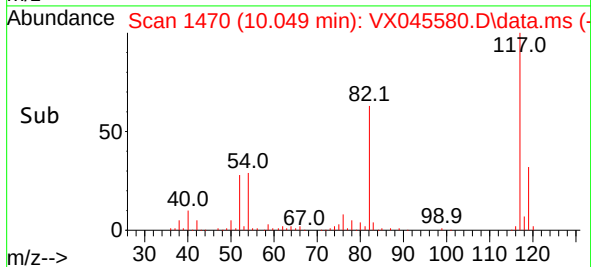
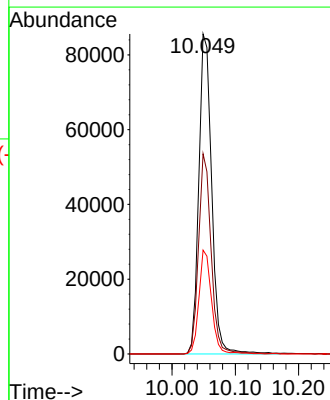
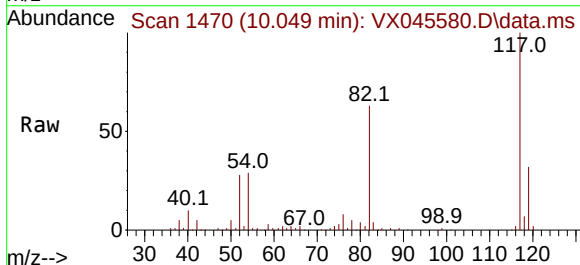
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

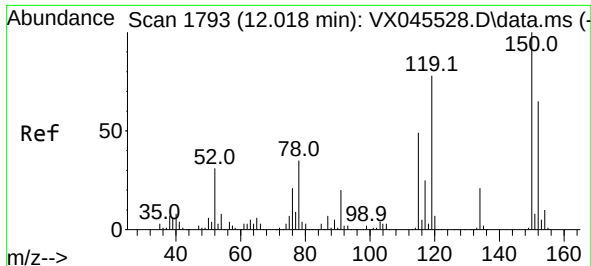
Tgt Ion: 95 Resp: 60680
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 64.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045580.D
Acq: 03 Apr 2025 18:43

Tgt Ion: 117 Resp: 121603
Ion Ratio Lower Upper
117 100
82 62.5 49.2 73.8
119 32.5 25.1 37.7

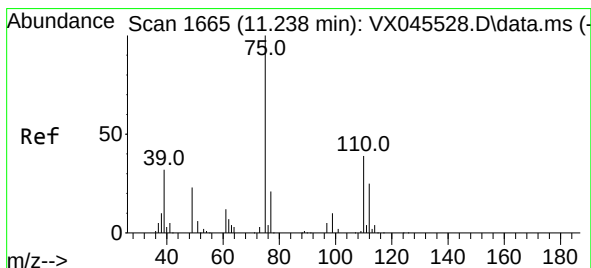
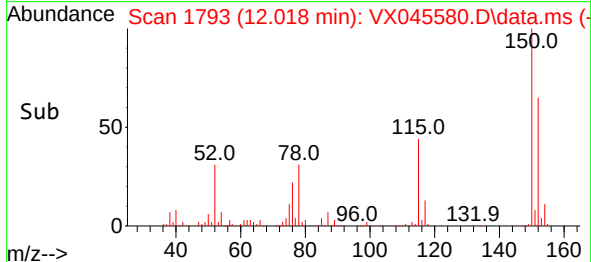
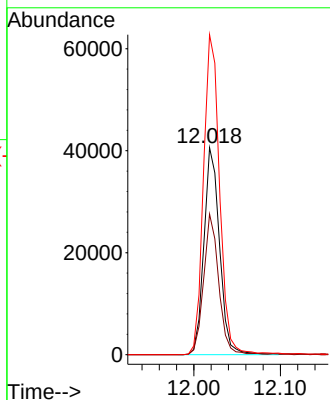
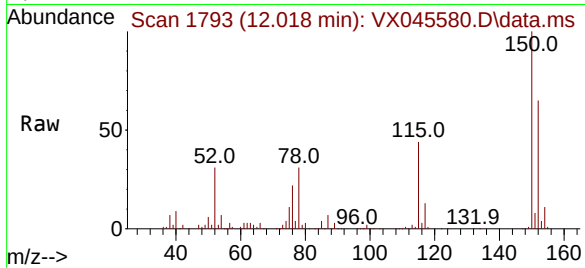




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045580.D
 Acq: 03 Apr 2025 18:43

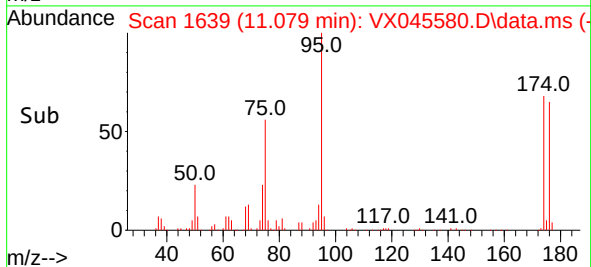
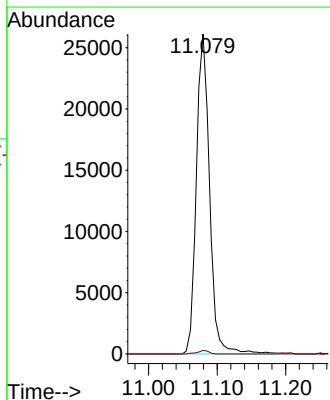
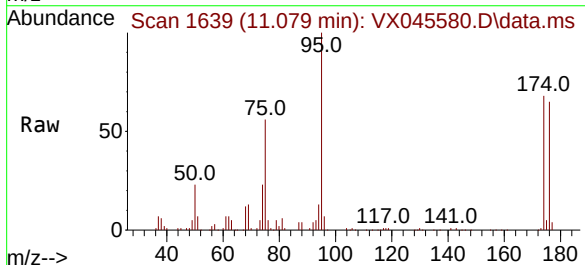
Instrument :
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 ClientSampleId :
 Storage-Blank-SOIL-REF-6

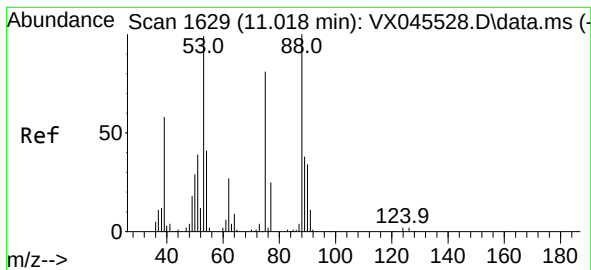
Tgt Ion:152 Resp: 51026
 Ion Ratio Lower Upper
 152 100
 115 65.5 46.9 140.7
 150 159.5 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 28.246 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045580.D
 Acq: 03 Apr 2025 18:43

Tgt Ion: 75 Resp: 35156
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.863 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045580.D
 Acq: 03 Apr 2025 18:43

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

Tgt Ion: 75 Resp: 35156
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

