

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045553.D
 Acq On : 02 Apr 2025 17:37
 Operator : JC/MD
 Sample : Q1623-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Apr 03 01:56:04 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)

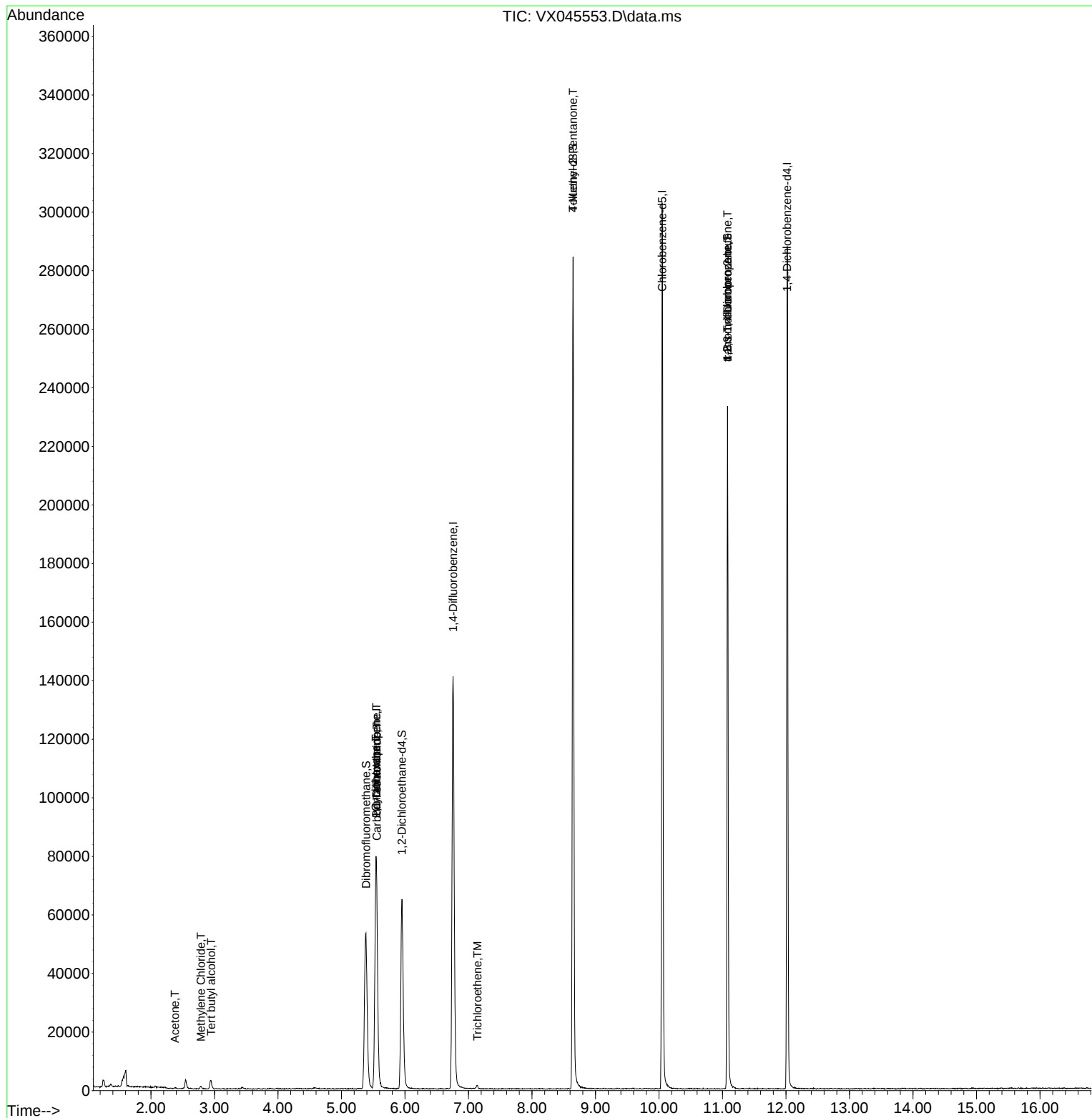
Internal Standards						
1) Pentafluorobenzene	5.550	168	67523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64067	51.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.760%			
35) Dibromofluoromethane	5.385	113	46851	48.932	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.860%			
50) Toluene-d8	8.647	98	162487	48.620	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.240%			
62) 4-Bromofluorobenzene	11.079	95	59064	48.520	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.040%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1792	10.798	ug/l #	72
16) Acetone	2.380	43	467	0.921	ug/l	98
20) Methylene Chloride	2.788	84	352	0.371	ug/l	90
31) Cyclohexane	5.544	56	2092	1.381	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	6811	5.268	ug/l #	52
38) Carbon Tetrachloride	5.556	117	8160	5.840	ug/l #	16
44) Trichloroethene	7.141	130	620	0.661	ug/l	61
51) 4-Methyl-2-Pentanone	8.647	43	891	0.544	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34604	27.277	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34604	92.574	ug/l #	1

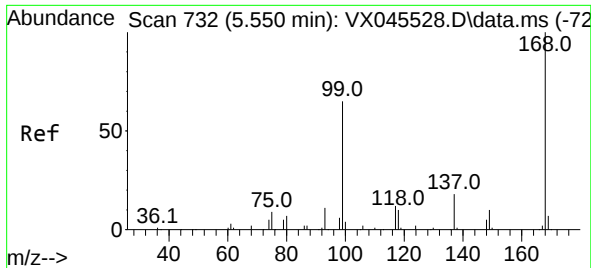
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
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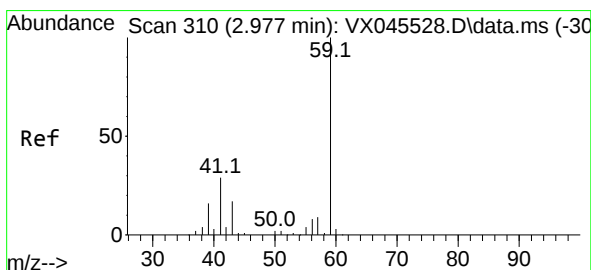
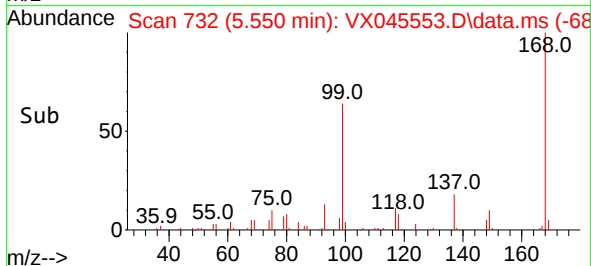
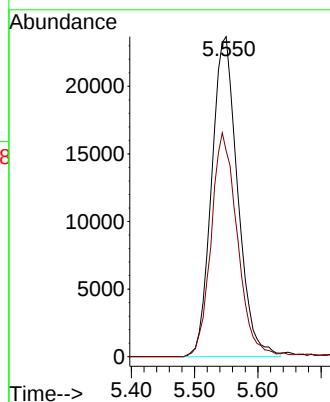
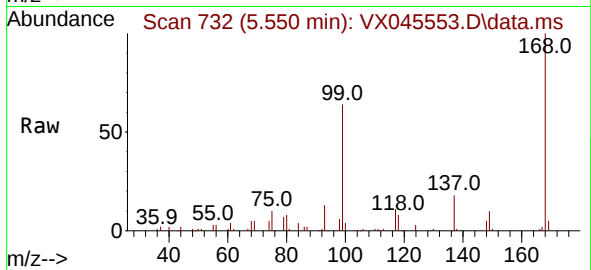




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

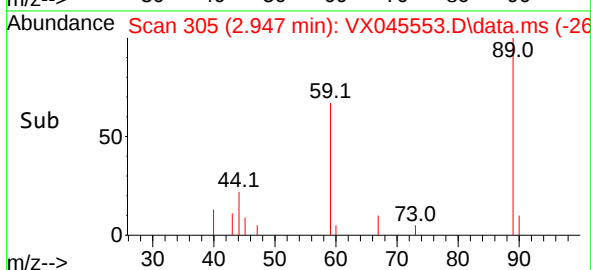
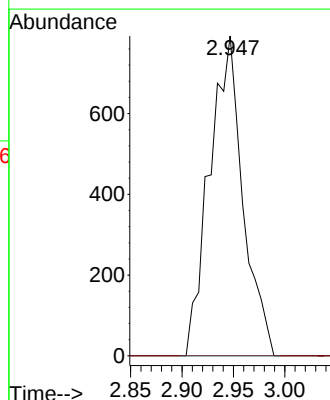
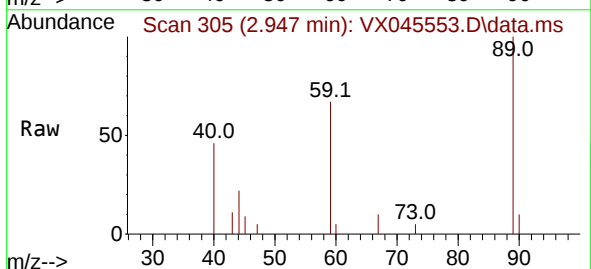
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

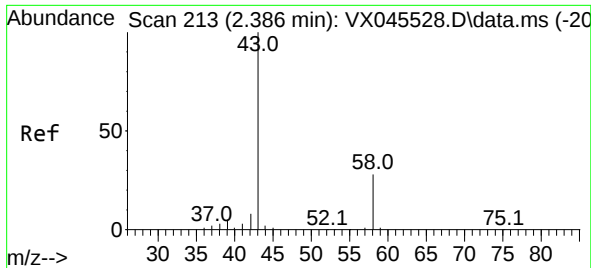
Tgt Ion:168 Resp: 67523
Ion Ratio Lower Upper
168 100
99 64.4 52.3 78.5



#11
Tert butyl alcohol
Concen: 10.798 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

Tgt Ion: 59 Resp: 1792
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

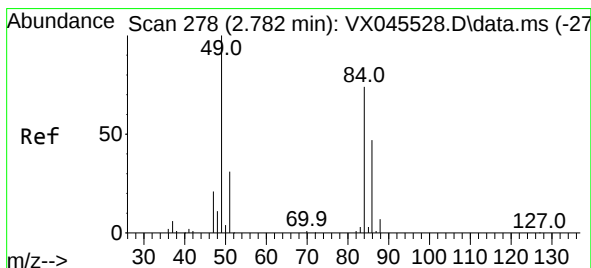
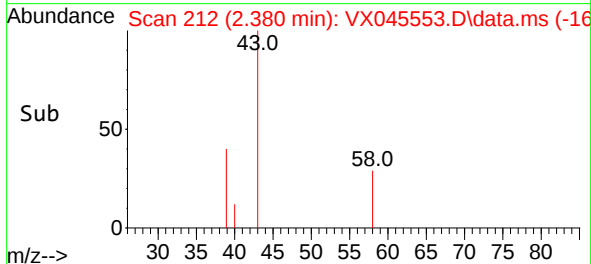
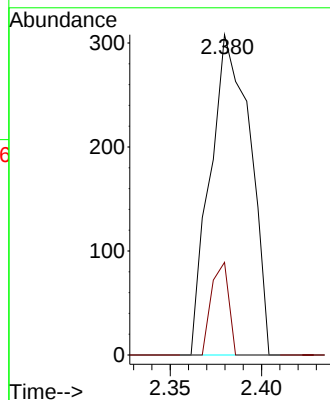
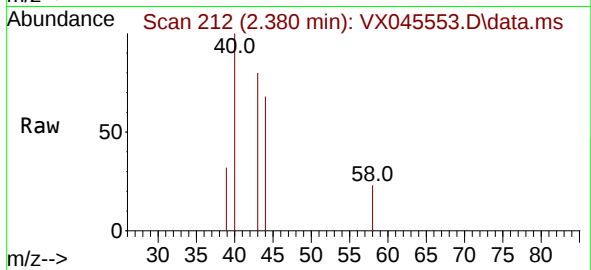




#16
Acetone
Concen: 0.921 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

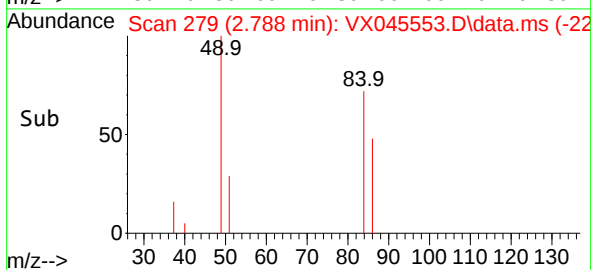
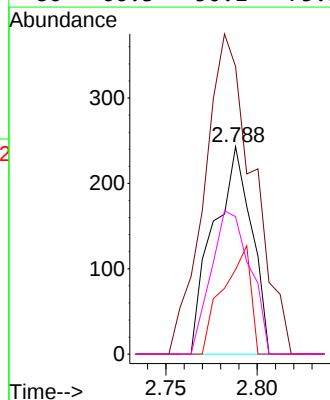
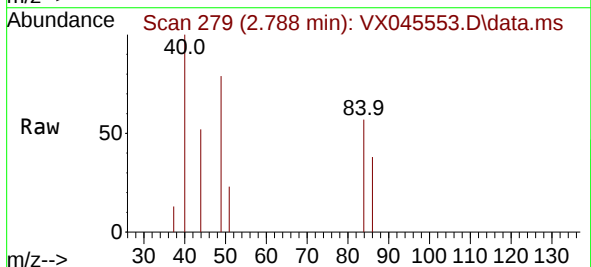
Instrument :
MSVOA_X
ClientSampleId :
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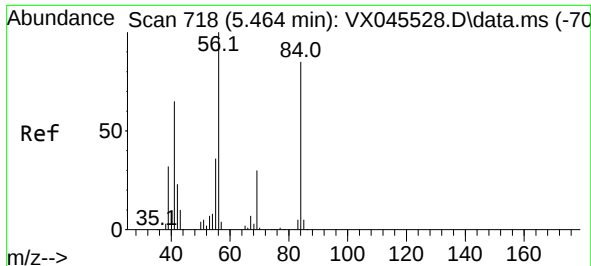
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
58 28.9 22.3 33.5



#20
Methylene Chloride
Concen: 0.371 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

Tgt Ion: 84 Resp: 352
Ion Ratio Lower Upper
84 100
49 116.5 107.5 161.3
51 40.7 33.0 49.6
86 66.3 50.1 75.1

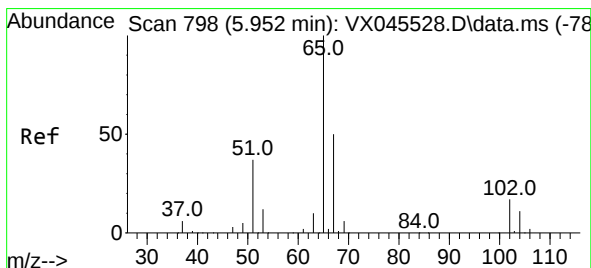
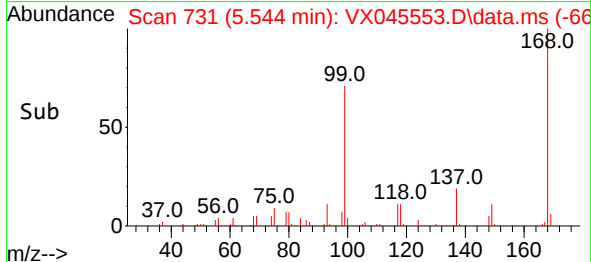
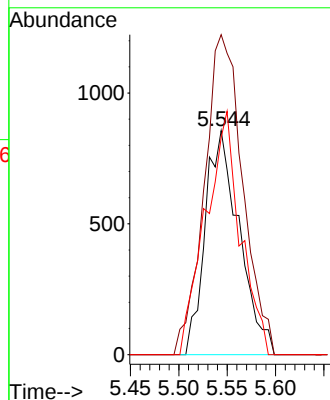
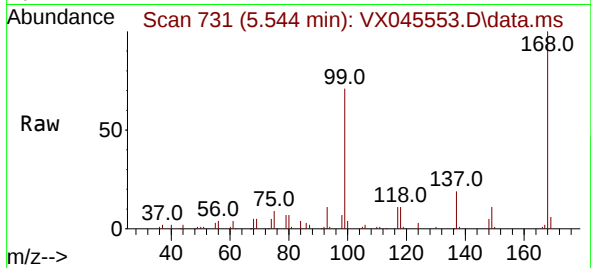




#31
Cyclohexane
Concen: 1.381 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

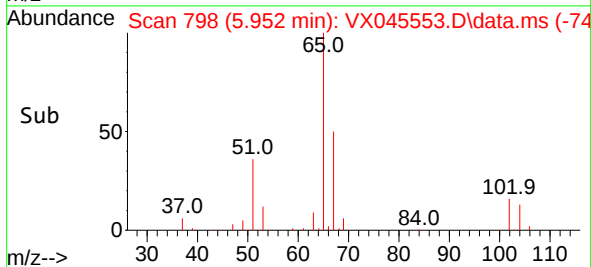
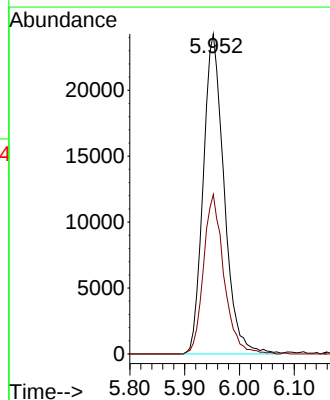
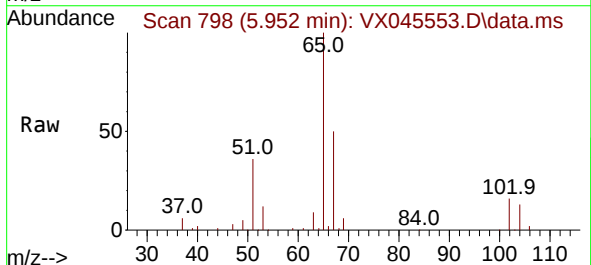
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

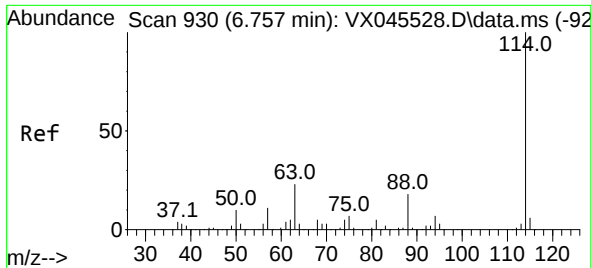
Tgt Ion: 56 Resp: 2092
Ion Ratio Lower Upper
56 100
69 142.9 23.6 35.4#
84 97.0 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 51.884 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

Tgt Ion: 65 Resp: 64067
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

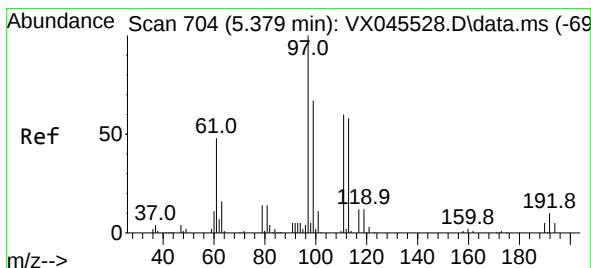
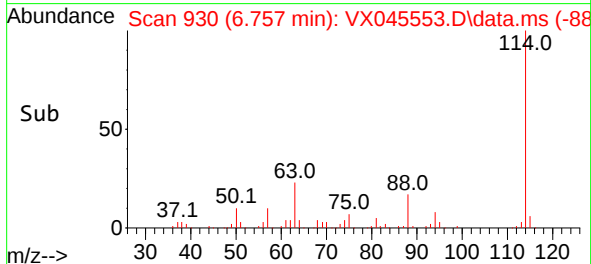
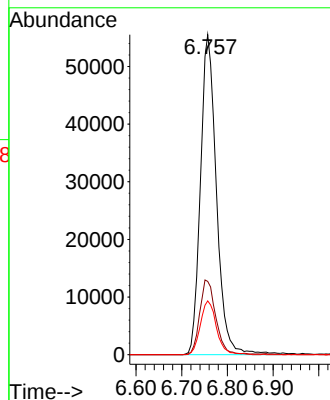
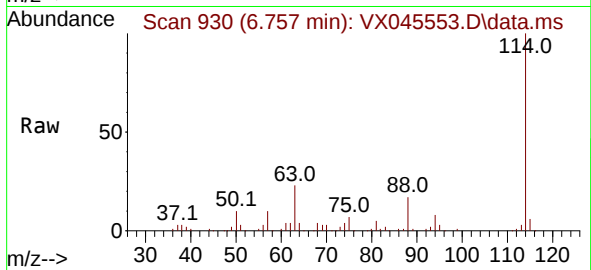




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045553.D
 Acq: 02 Apr 2025 17:37

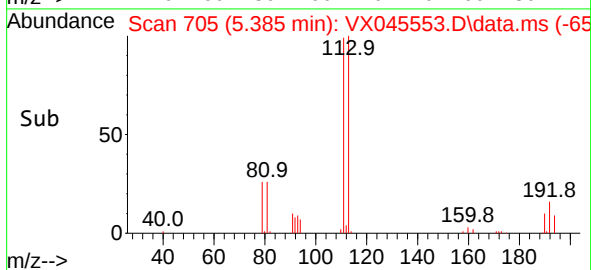
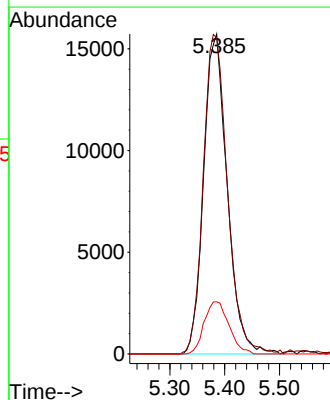
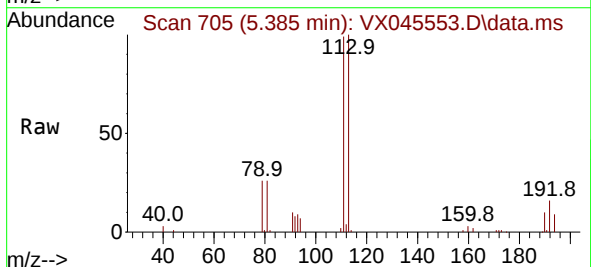
Instrument :
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 ClientSampleId :
 Storage-Blank-SOIL-REF-6

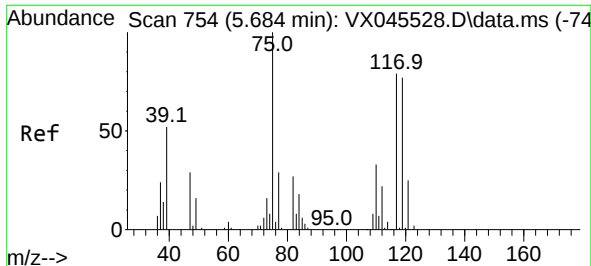
Tgt Ion:114 Resp: 134950
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.8
 88 16.8 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 48.932 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045553.D
 Acq: 02 Apr 2025 17:37

Tgt Ion:113 Resp: 46851
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.6
 192 17.2 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.268 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX045553.D

Acq: 02 Apr 2025 17:37

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

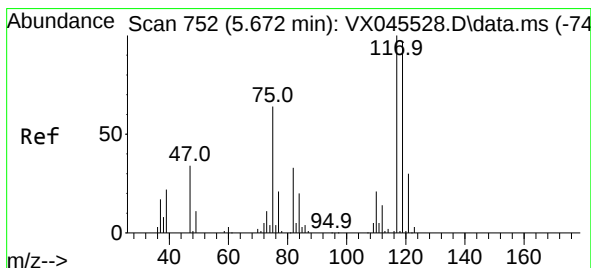
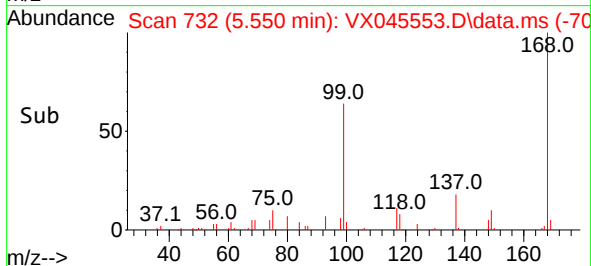
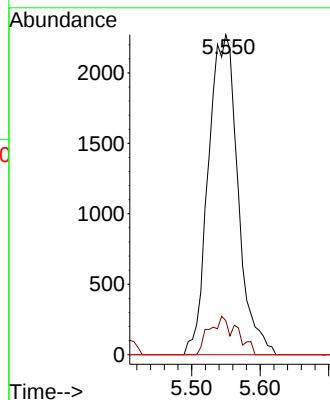
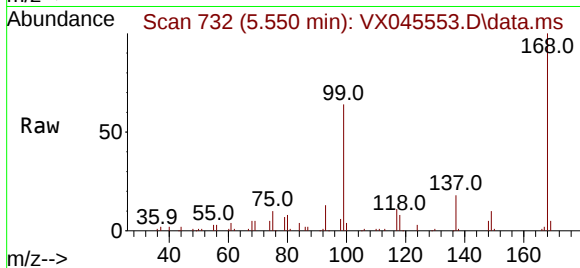
Tgt Ion: 75 Resp: 6811

Ion Ratio Lower Upper

75 100

110 11.2 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.840 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.116 min

Lab File: VX045553.D

Acq: 02 Apr 2025 17:37

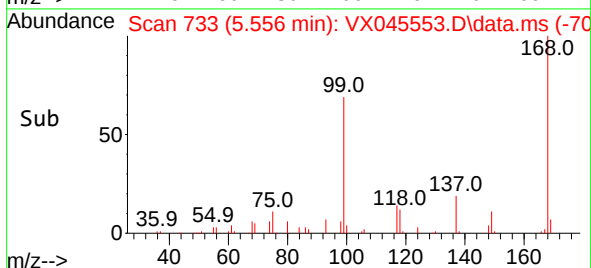
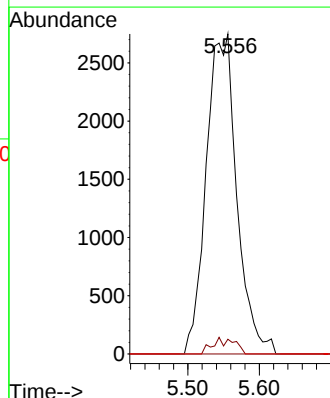
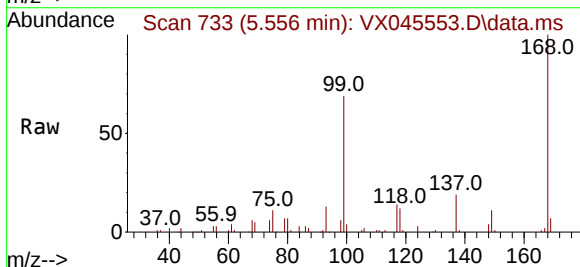
Tgt Ion: 117 Resp: 8160

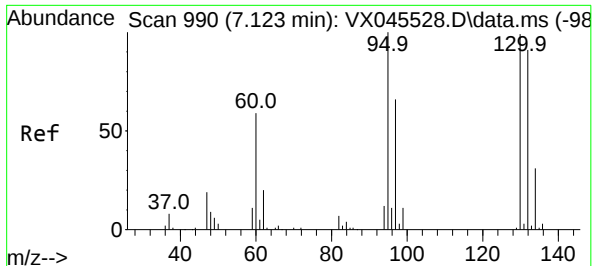
Ion Ratio Lower Upper

117 100

119 4.6 76.9 115.3#

121 0.0 24.2 36.2#

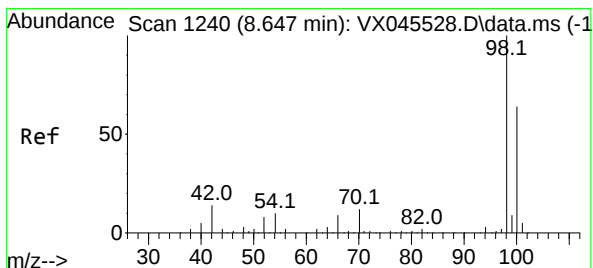
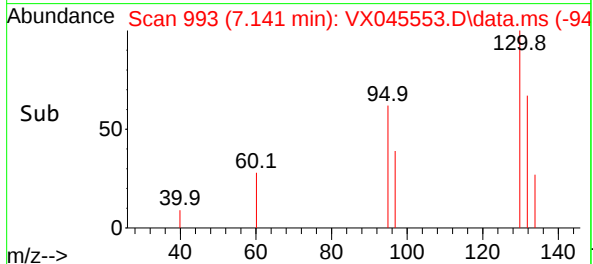
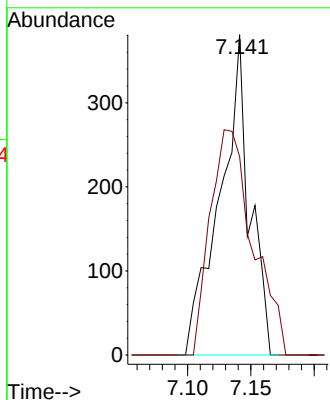
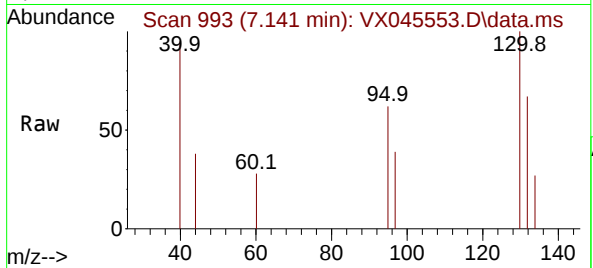




#44
 Trichloroethene
 Concen: 0.661 ug/l
 RT: 7.141 min Scan# 990
 Delta R.T. 0.018 min
 Lab File: VX045553.D
 Acq: 02 Apr 2025 17:37

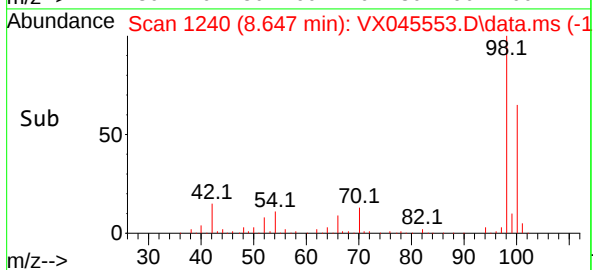
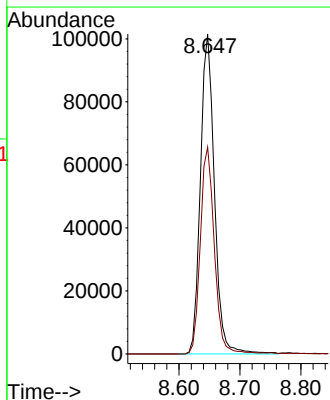
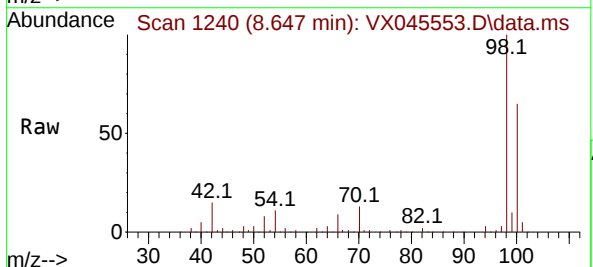
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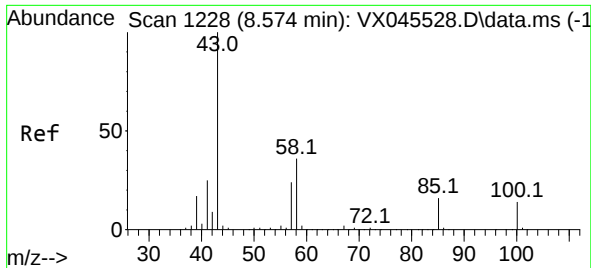
Tgt Ion:130 Resp: 620
 Ion Ratio Lower Upper
 130 100
 95 61.9 0.0 202.0



#50
 Toluene-d8
 Concen: 48.620 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX045553.D
 Acq: 02 Apr 2025 17:37

Tgt Ion: 98 Resp: 162487
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.2 78.4

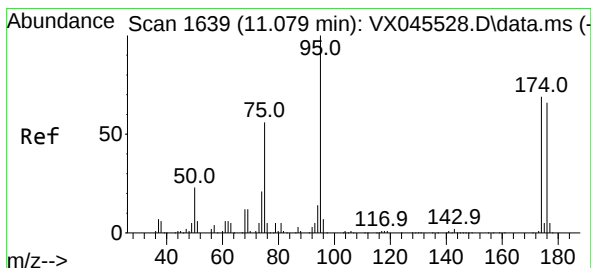
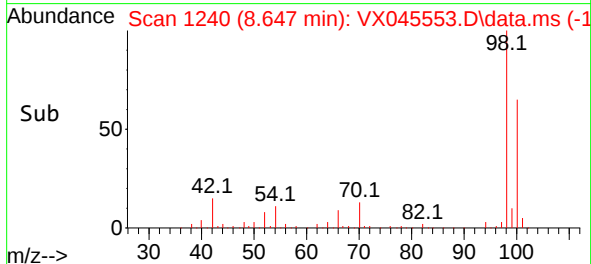
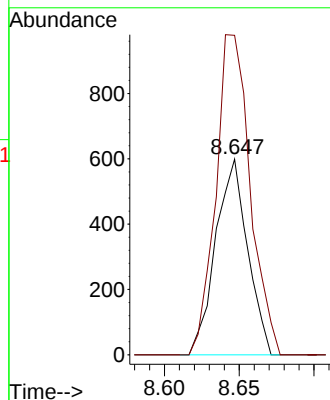
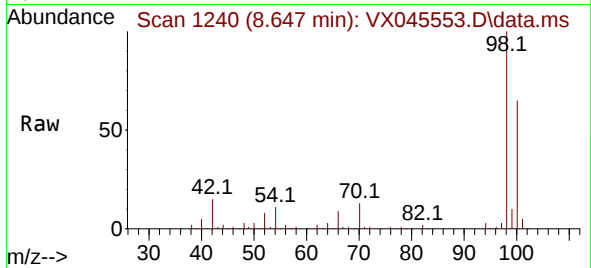




#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

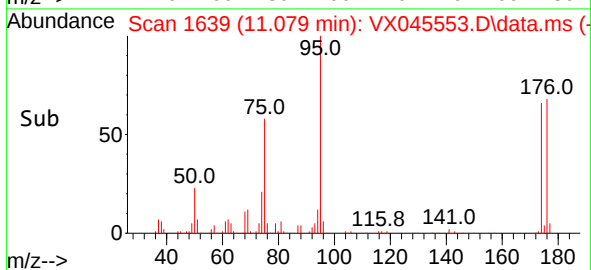
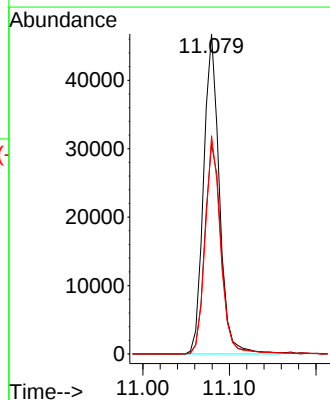
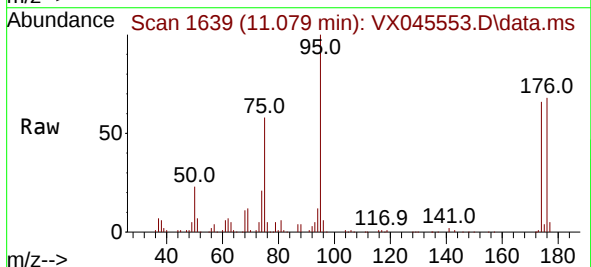
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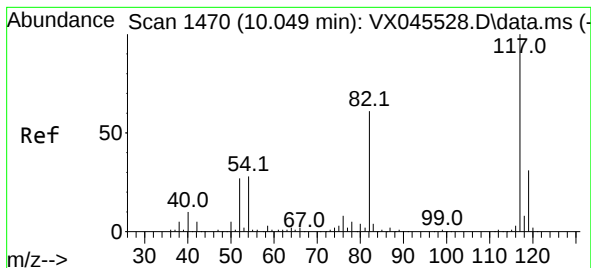
Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 175.9 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 48.520 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

Tgt Ion: 95 Resp: 59064
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.8
176 67.0 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: VX045553.D

Acq: 02 Apr 2025 17:37

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

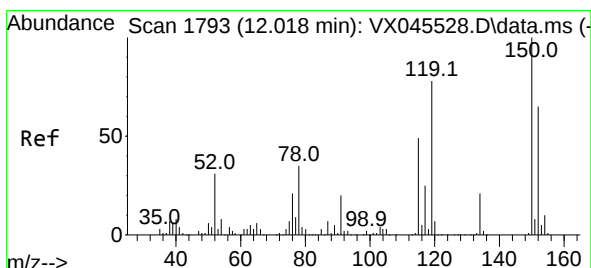
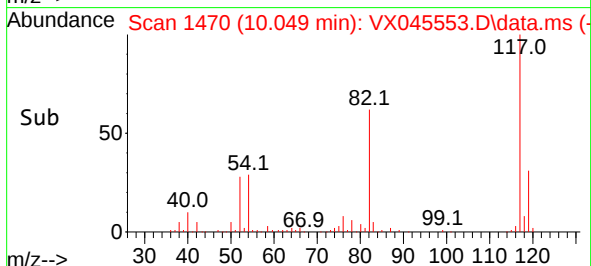
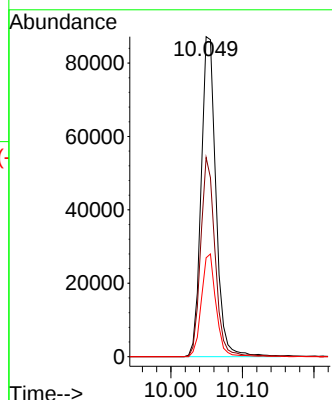
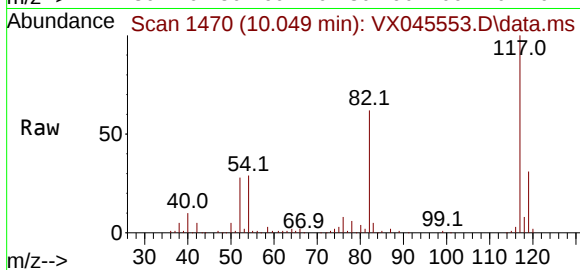
Tgt Ion:117 Resp: 125307

Ion Ratio Lower Upper

117 100

82 62.3 49.2 73.8

119 30.9 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045553.D

Acq: 02 Apr 2025 17:37

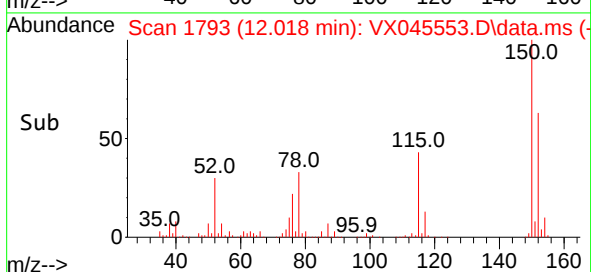
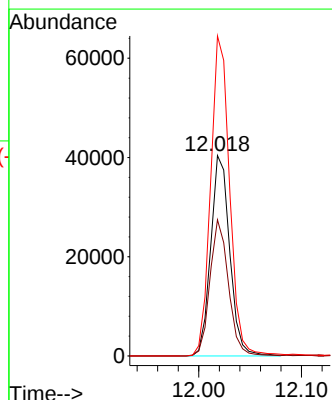
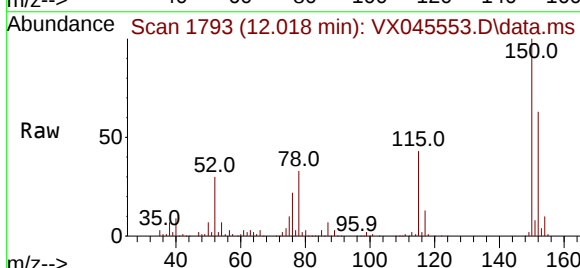
Tgt Ion:152 Resp: 52009

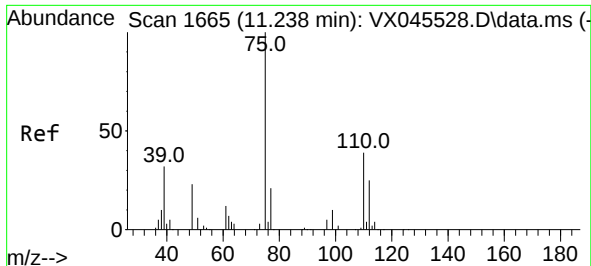
Ion Ratio Lower Upper

152 100

115 66.1 46.9 140.7

150 159.0 0.0 349.4

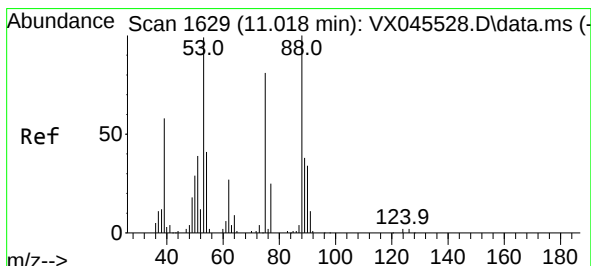
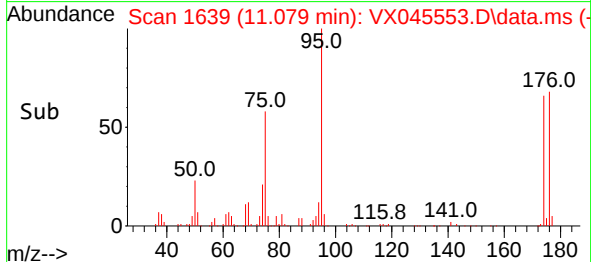
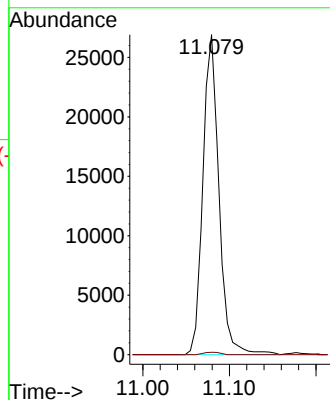
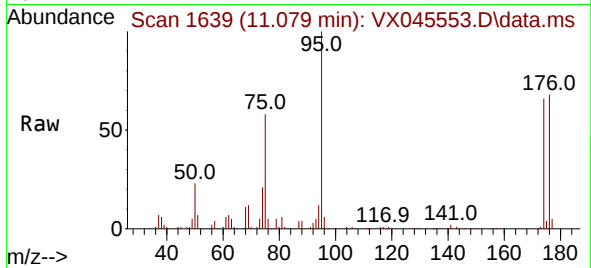




#76
1,2,3-Trichloropropane
Concen: 27.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

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

Tgt Ion: 75 Resp: 34604
Ion Ratio Lower Upper
75 100
77 0.8 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045553.D
Acq: 02 Apr 2025 17:37

Tgt Ion: 75 Resp: 34604
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.1 37.2 55.8#

