

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045673.D
 Acq On : 09 Apr 2025 14:10
 Operator : JC/MD
 Sample : Q1729-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 10 01:35:17 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)

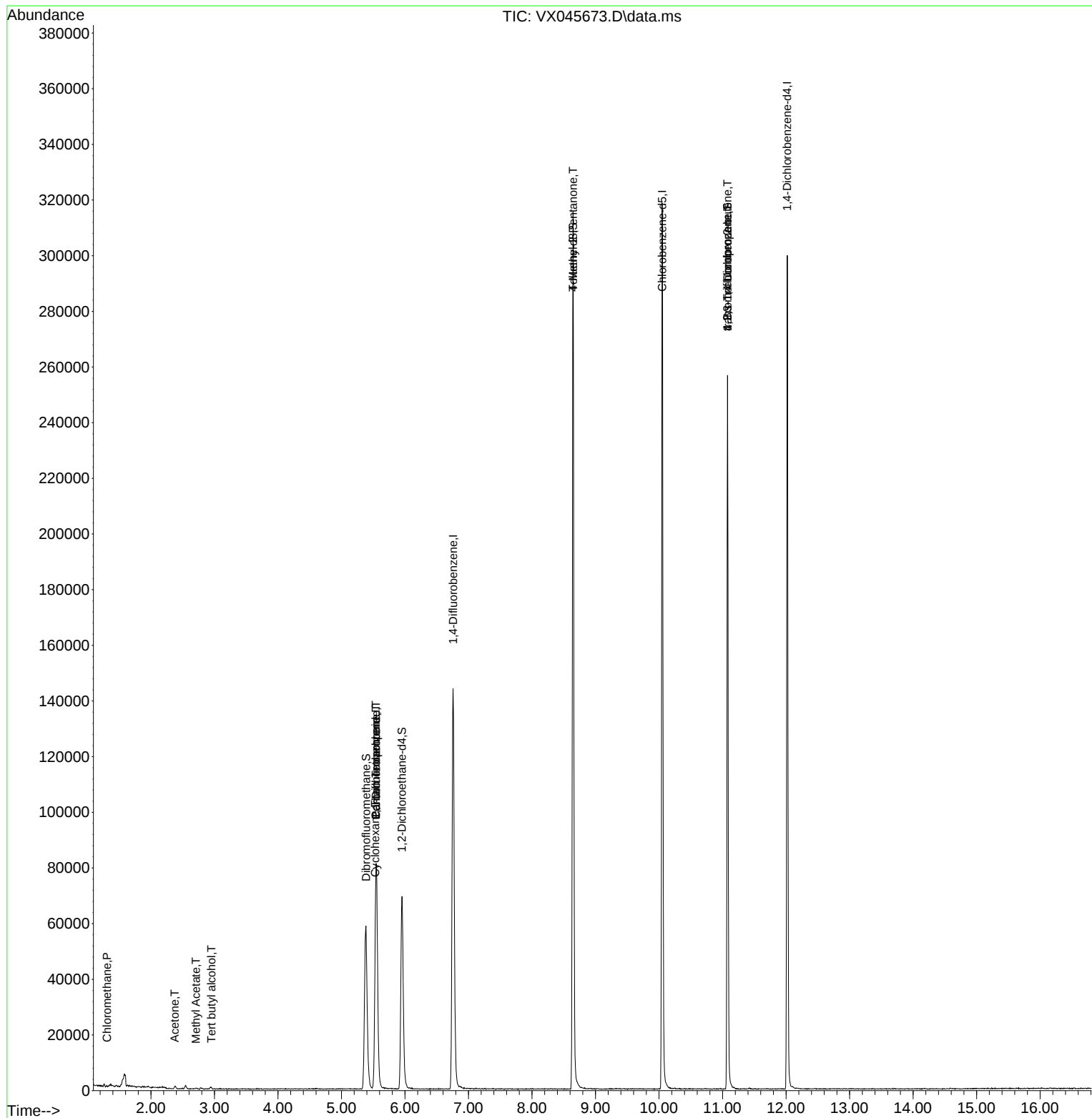
Internal Standards						
1) Pentafluorobenzene	5.543	168	69265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69450	54.829	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.660%			
35) Dibromofluoromethane	5.385	113	50384	51.637	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.280%			
50) Toluene-d8	8.647	98	171987	50.500	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.000%			
62) 4-Bromofluorobenzene	11.079	95	65317	52.653	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.300%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	339	0.319	ug/l #	42
11) Tert butyl alcohol	2.953	59	184	1.081	ug/l #	72
16) Acetone	2.373	43	1159	2.228	ug/l	92
18) Methyl Acetate	2.709	43	406	0.339	ug/l #	54
31) Cyclohexane	5.531	56	906	0.583	ug/l #	28
36) 1,1-Dichloropropene	5.543	75	7246	5.500	ug/l #	50
38) Carbon Tetrachloride	5.543	117	8128	5.709	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1040	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37975	28.226	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37975	95.794	ug/l #	1

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

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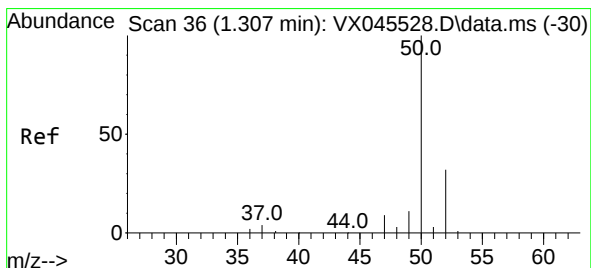
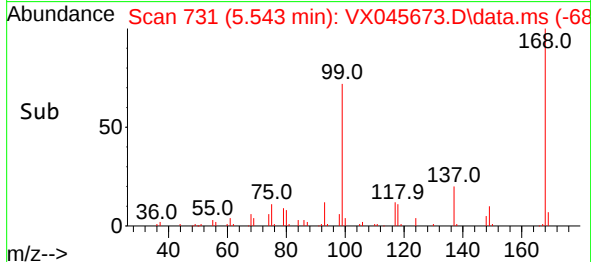
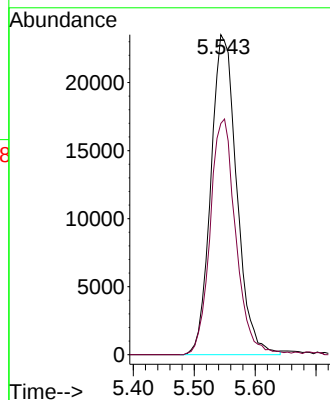
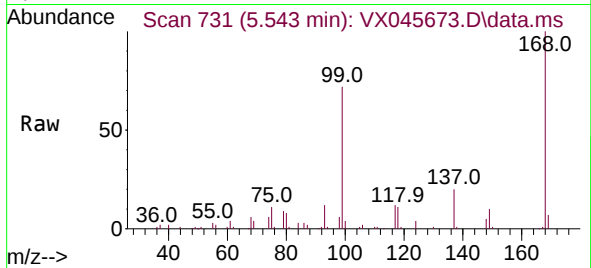




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

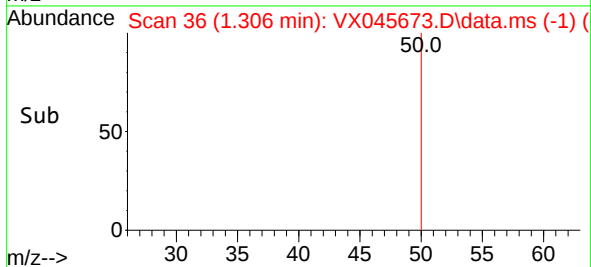
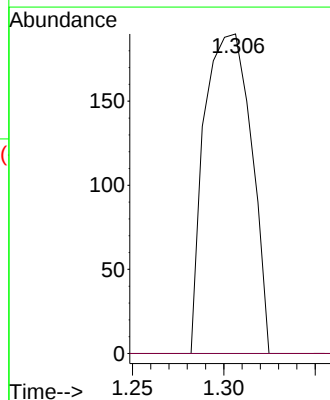
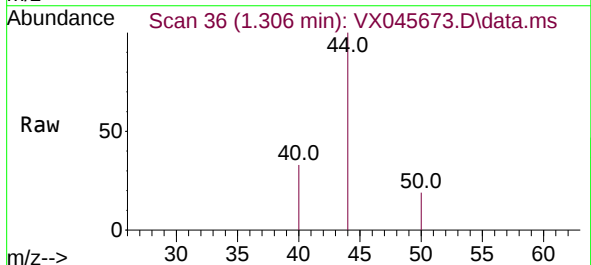
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

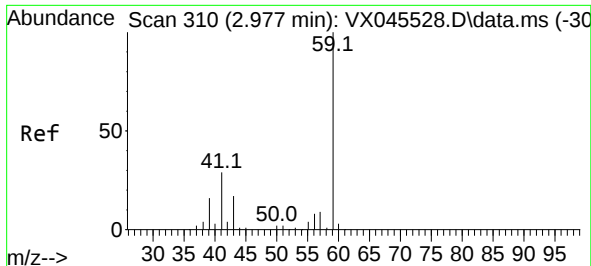
Tgt Ion:168 Resp: 69265
Ion Ratio Lower Upper
168 100
99 72.2 52.3 78.5



#3
Chloromethane
Concen: 0.319 ug/l
RT: 1.306 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

Tgt Ion: 50 Resp: 339
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

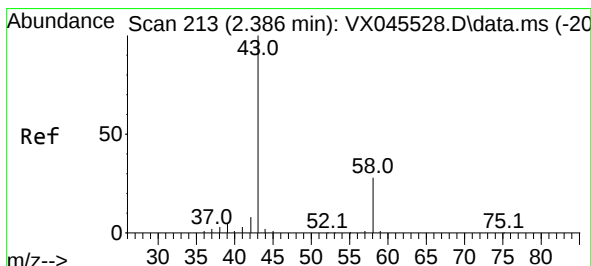
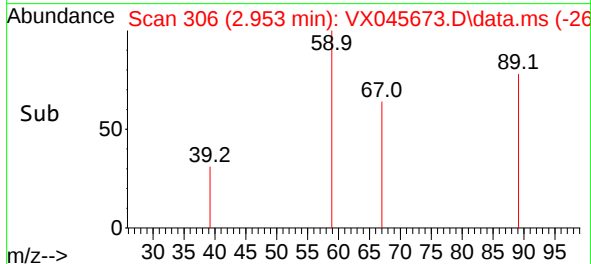
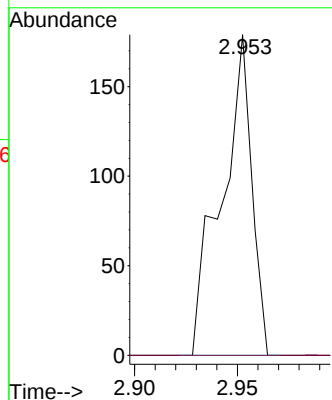
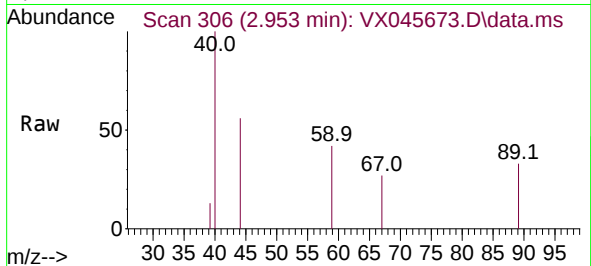




#11
Tert butyl alcohol
Concen: 1.081 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.025 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

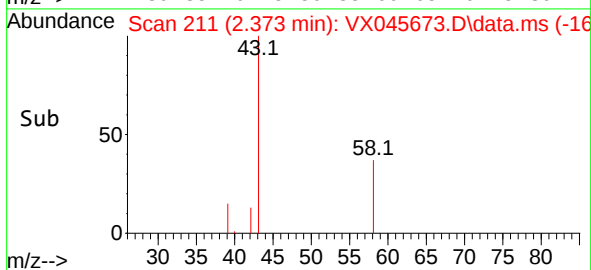
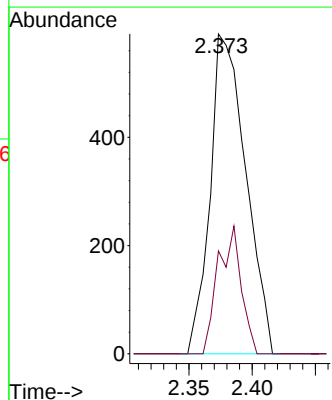
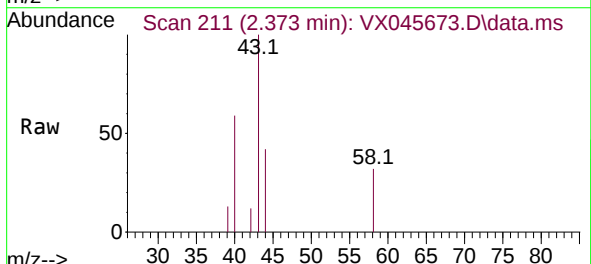
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

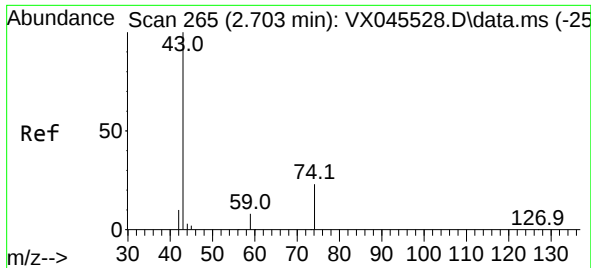
Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 2.228 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 32.1 22.3 33.5

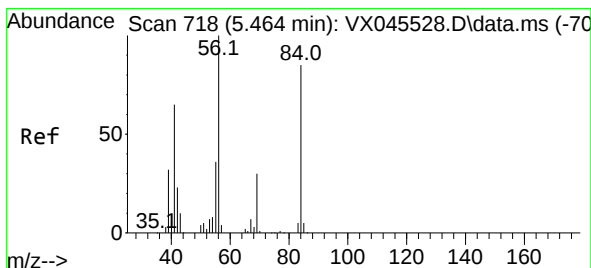
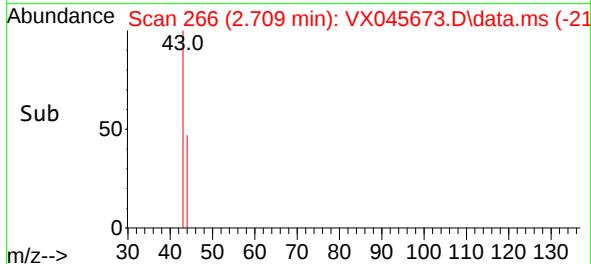
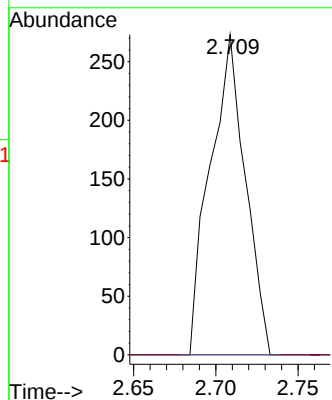
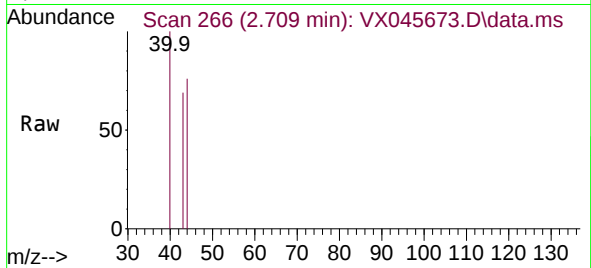




#18
Methyl Acetate
Concen: 0.339 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

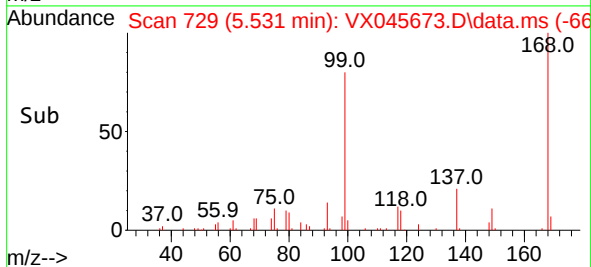
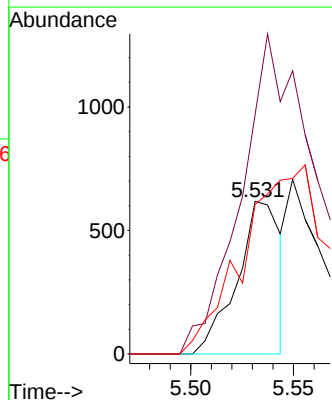
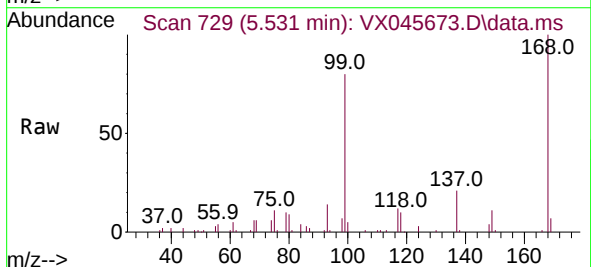
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

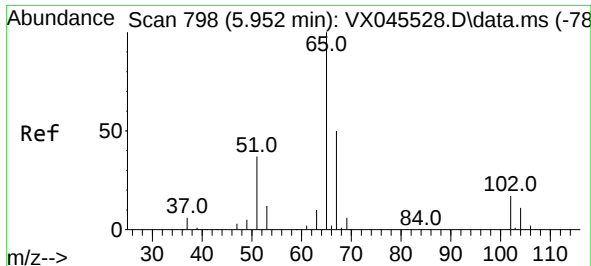
Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 0.583 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.067 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

Tgt Ion: 56 Resp: 906
Ion Ratio Lower Upper
56 100
69 156.8 23.6 35.4#
84 98.1 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 54.829 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045673.D

Acq: 09 Apr 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

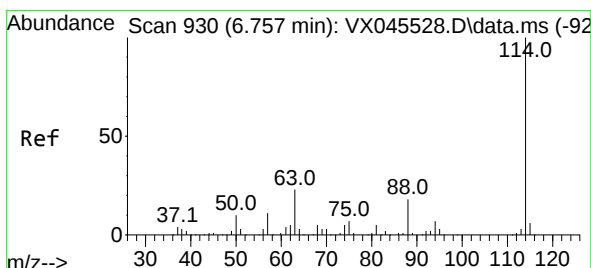
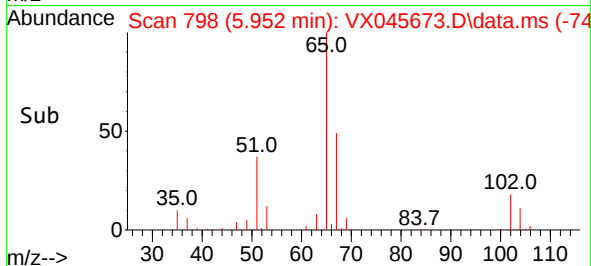
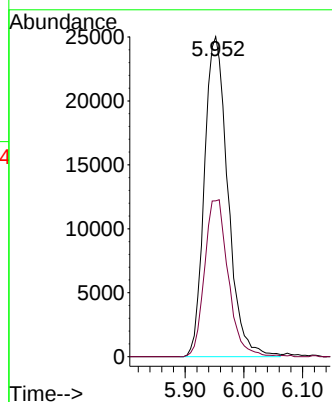
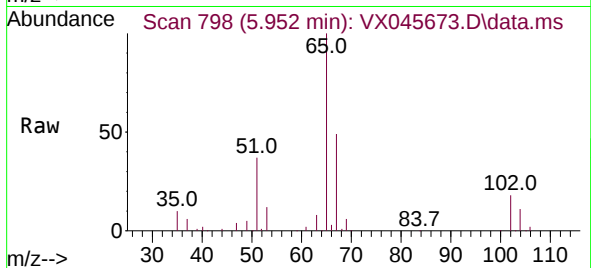
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 69450

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045673.D

Acq: 09 Apr 2025 14:10

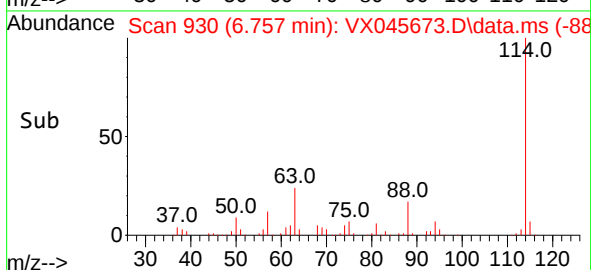
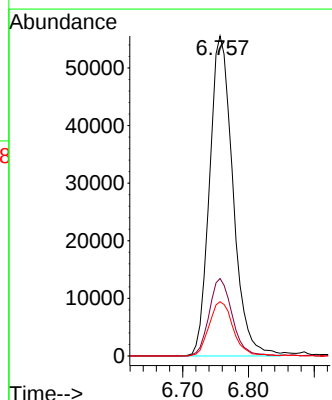
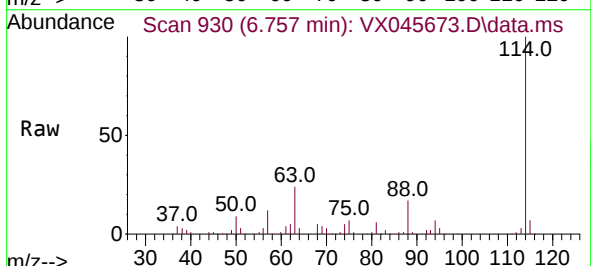
Tgt Ion: 114 Resp: 137524

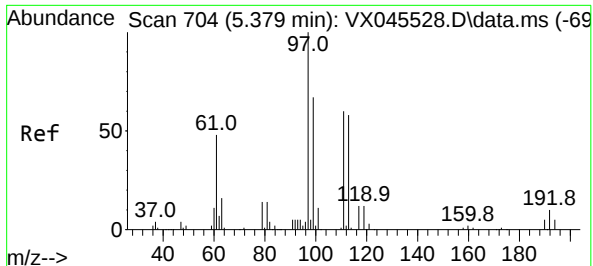
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.8

88 17.0 0.0 35.4

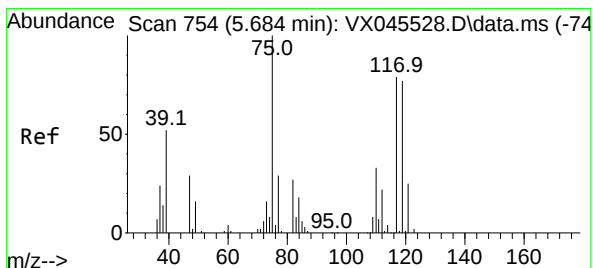
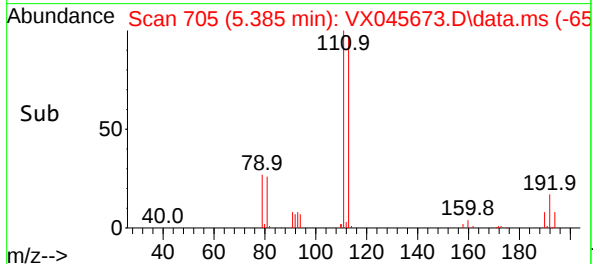
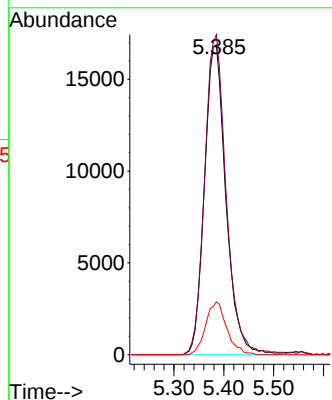
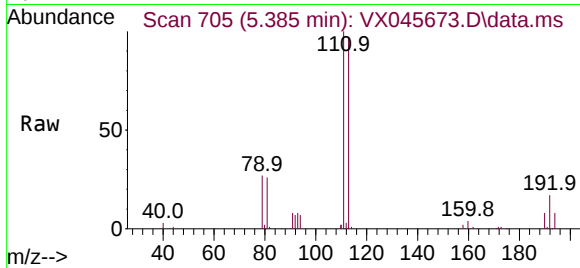




#35
Dibromofluoromethane
Concen: 51.637 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

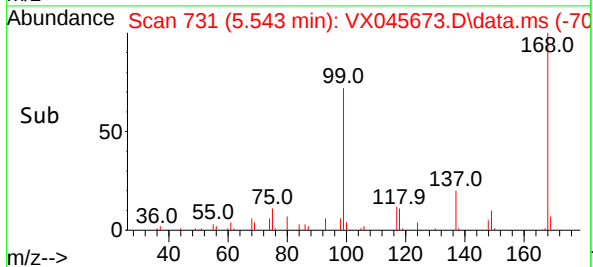
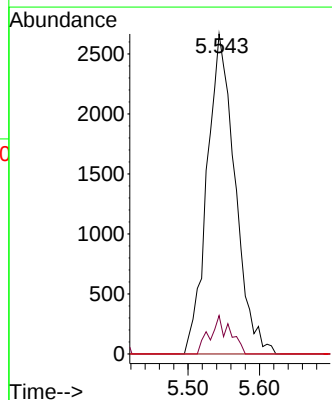
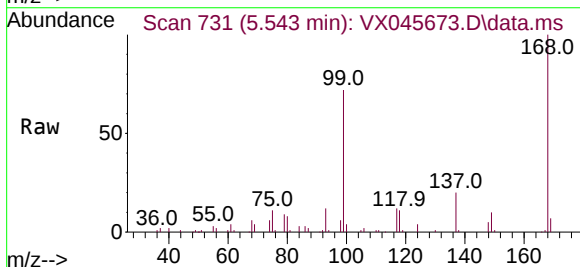
Instrument :
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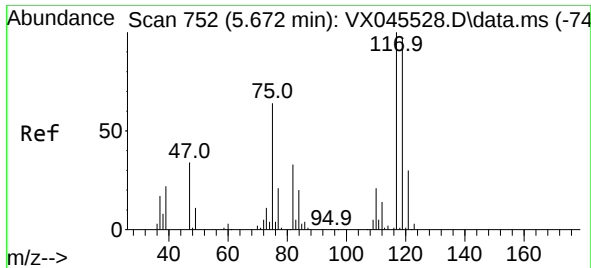
Tgt Ion:113 Resp: 50384
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.6
192 16.7 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.500 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

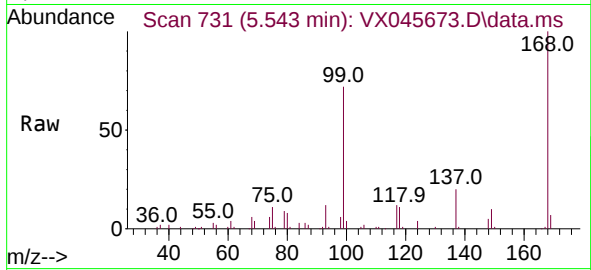
Tgt Ion: 75 Resp: 7246
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.6#
77 0.0 25.0 37.4#



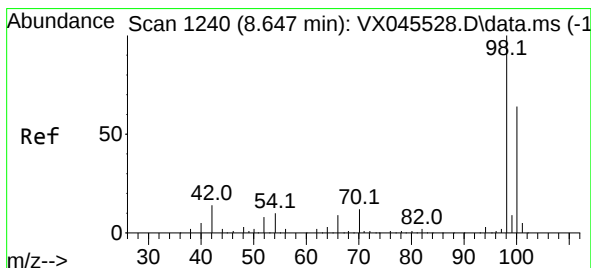
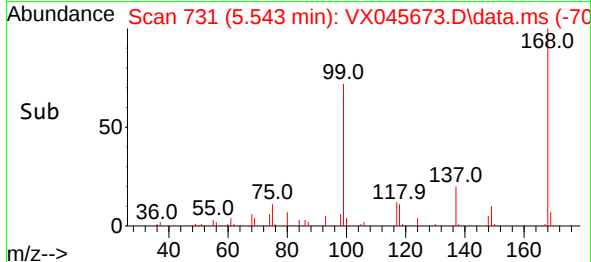
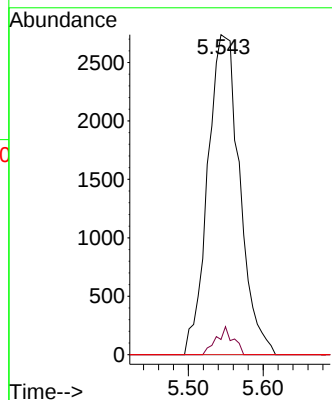


#38
Carbon Tetrachloride
Concen: 5.709 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

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

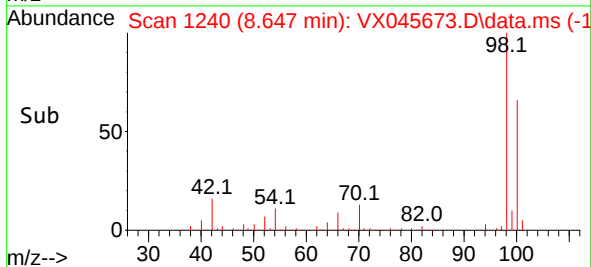
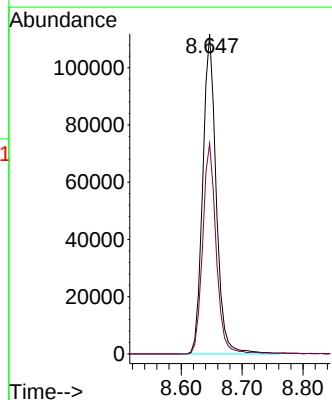
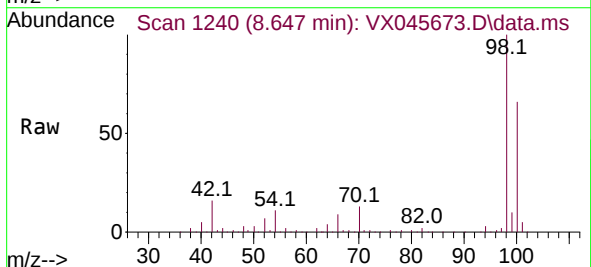


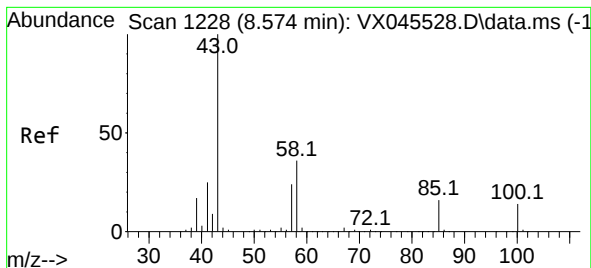
Tgt Ion:117 Resp: 8128
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.500 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

Tgt Ion: 98 Resp: 171987
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4

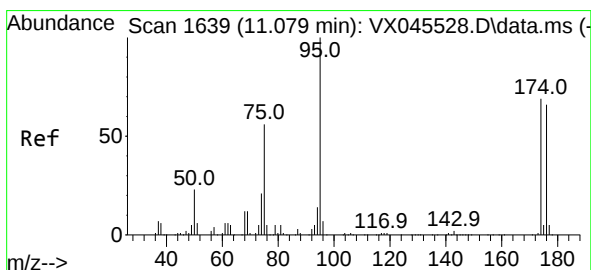
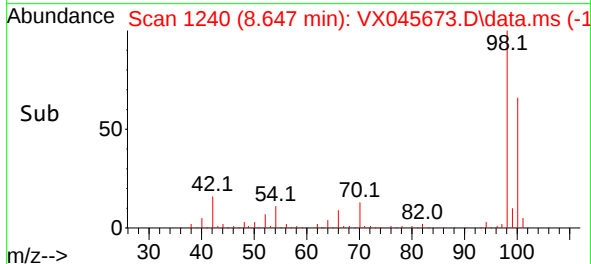
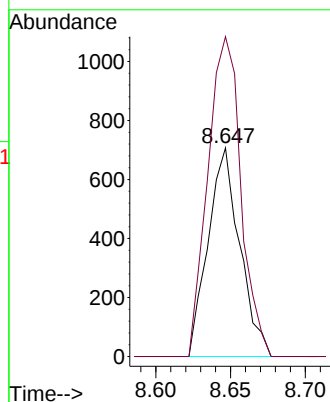
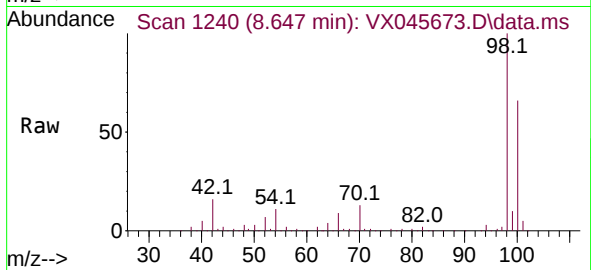




#51
4-Methyl-2-Pentanone
Concen: 0.623 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

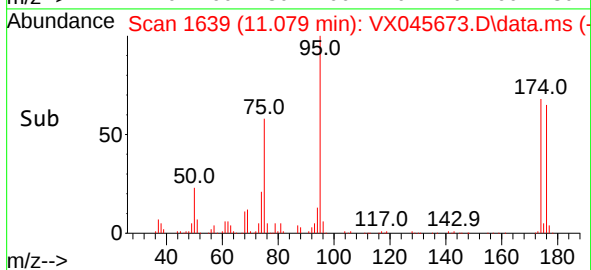
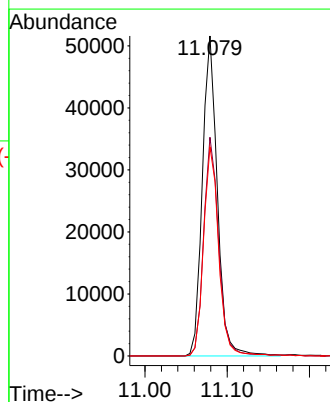
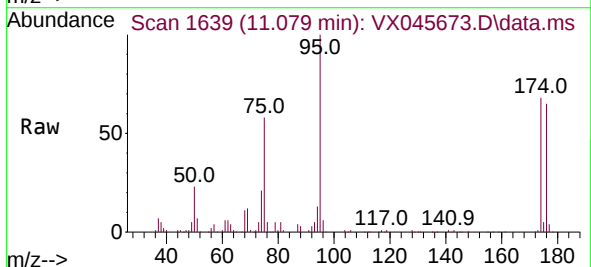
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

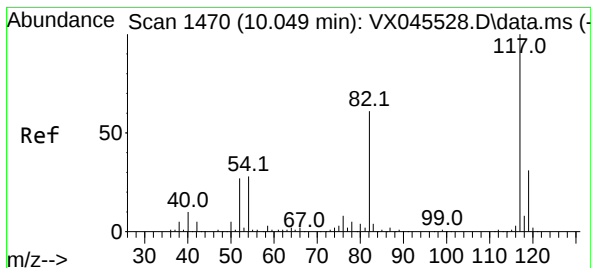
Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
58 160.3 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 52.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

Tgt Ion: 95 Resp: 65317
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.8
176 66.1 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: VX045673.D

Acq: 09 Apr 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

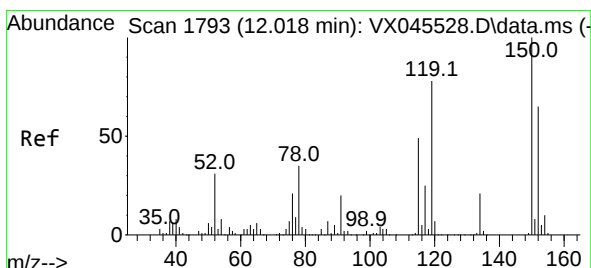
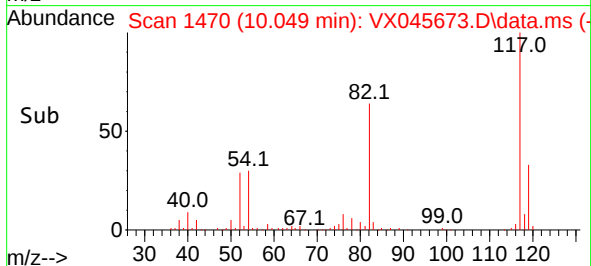
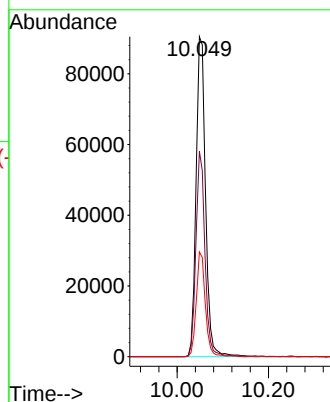
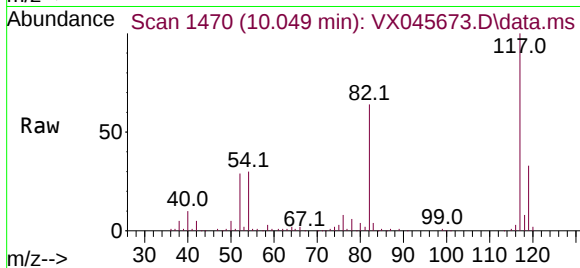
Tgt Ion:117 Resp: 129942

Ion Ratio Lower Upper

117 100

82 64.2 49.2 73.8

119 32.8 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: VX045673.D

Acq: 09 Apr 2025 14:10

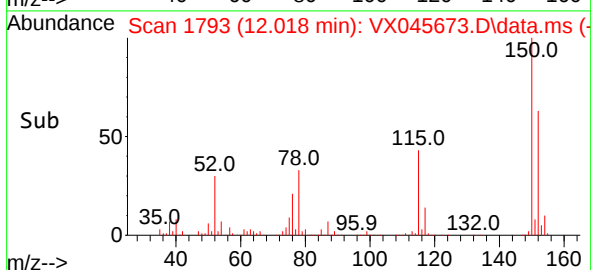
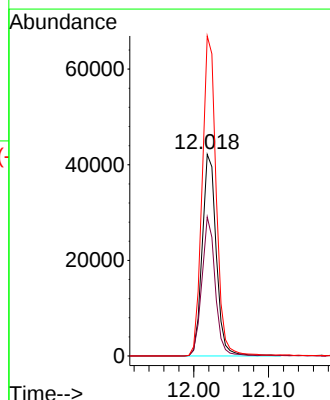
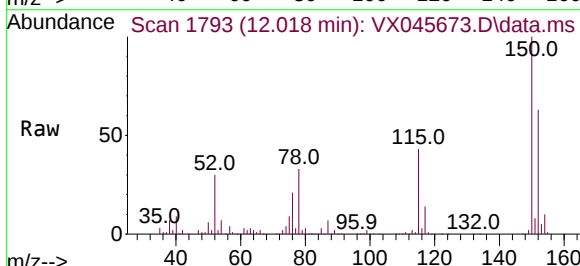
Tgt Ion:152 Resp: 55157

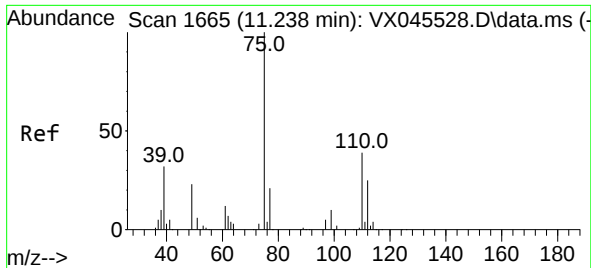
Ion Ratio Lower Upper

152 100

115 65.3 46.9 140.7

150 158.0 0.0 349.4

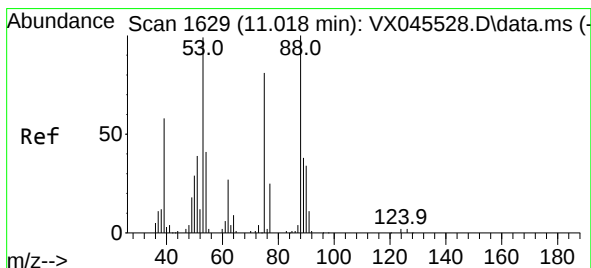
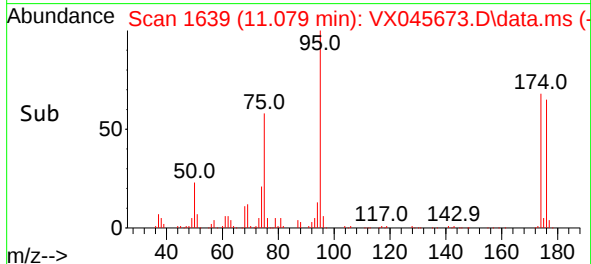
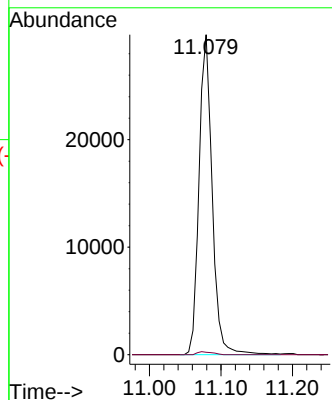
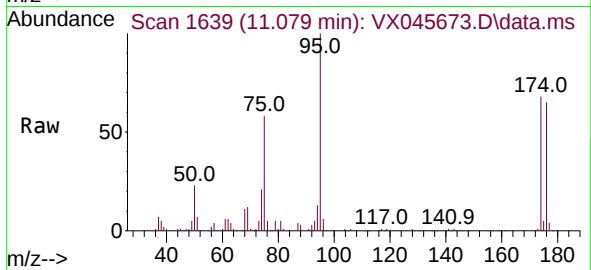




#76
1,2,3-Trichloropropane
Concen: 28.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

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

Tgt Ion: 75 Resp: 37975
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045673.D
Acq: 09 Apr 2025 14:10

Tgt Ion: 75 Resp: 37975
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

