

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045091.D
 Acq On : 28 Feb 2025 16:07
 Operator : JC/MD
 Sample : Q1469-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 28 23:09:35 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)

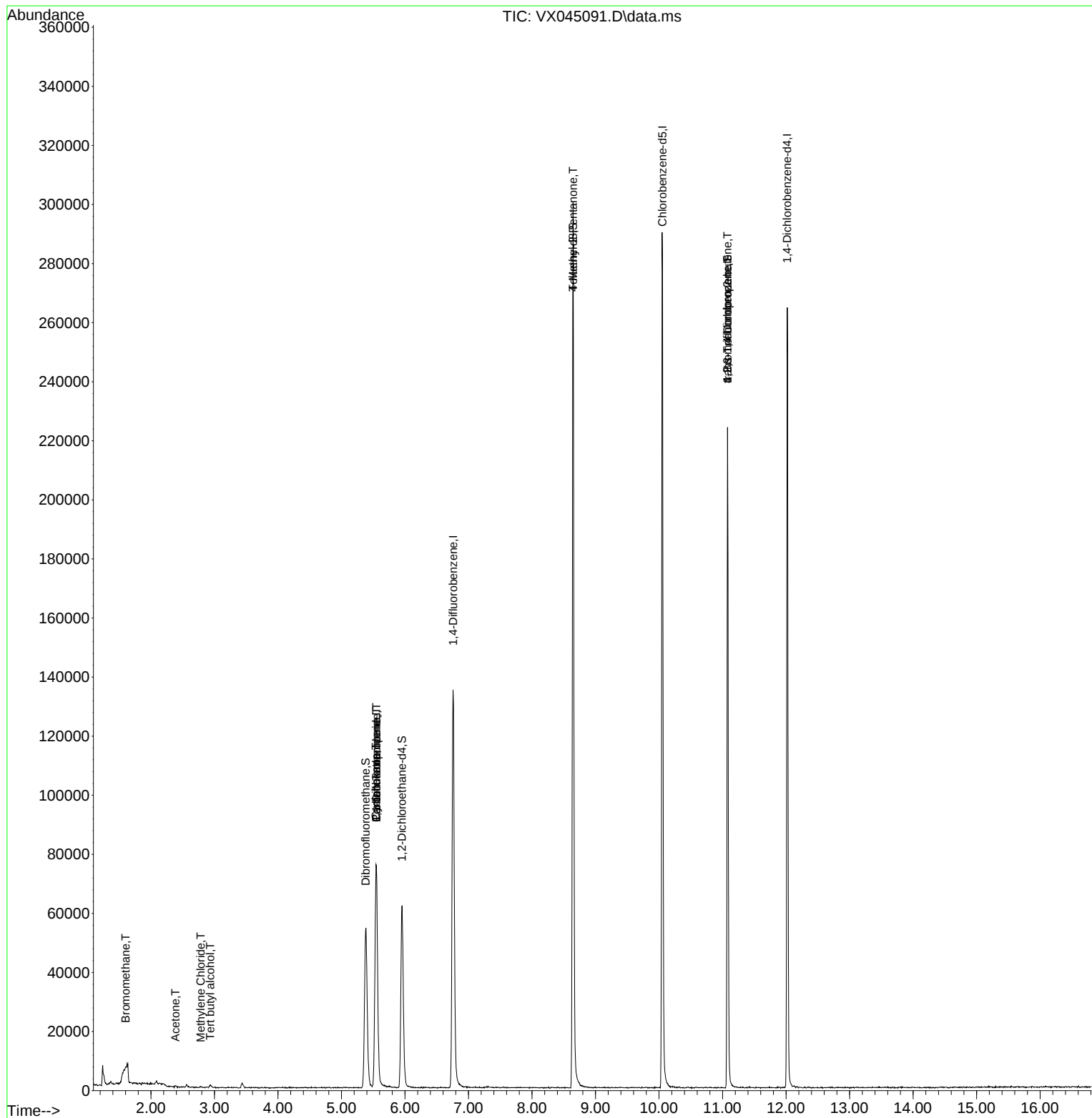
Internal Standards						
1) Pentafluorobenzene	5.550	168	71717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58365	51.163	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.320%	
35) Dibromofluoromethane	5.379	113	47726	50.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	8.647	98	176905	51.665	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	11.079	95	58070	51.179	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	87	0.202	ug/l #	3
11) Tert butyl alcohol	2.934	59	386	1.786	ug/l #	73
16) Acetone	2.386	43	497	0.939	ug/l #	44
20) Methylene Chloride	2.782	84	239	0.228	ug/l #	80
31) Cyclohexane	5.544	56	1703	1.097	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6426	4.961	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7942	6.040	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	928	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32242	26.037	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32242	89.104	ug/l #	6

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

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Sample : Q1469-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 28 23:09:35 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

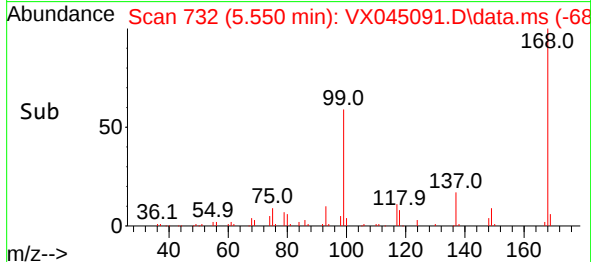
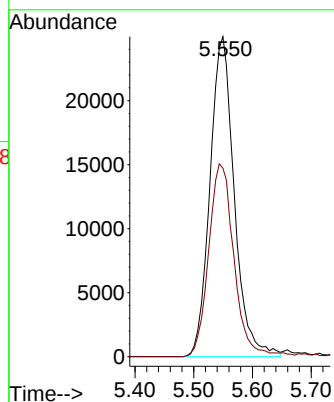
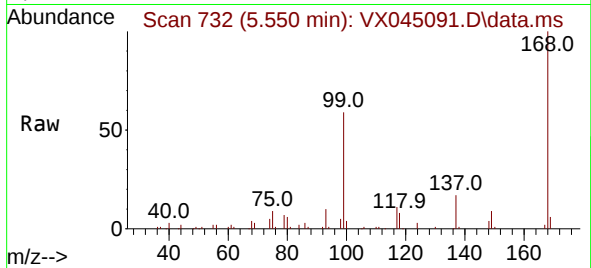




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

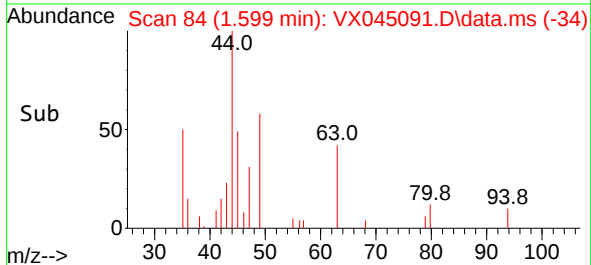
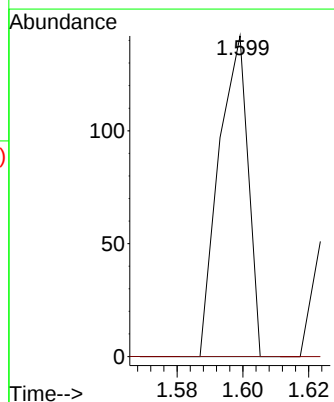
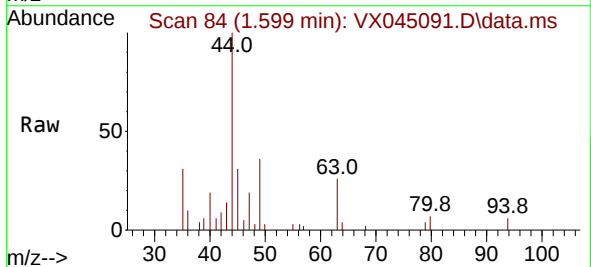
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

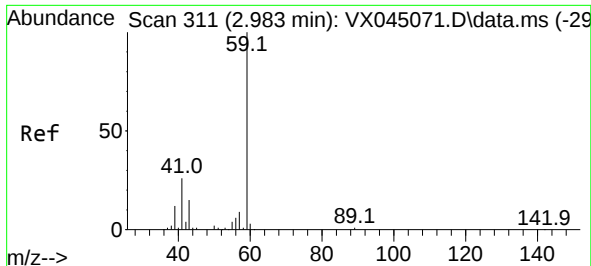
Tgt Ion:168 Resp: 71717
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#5
Bromomethane
Concen: 0.202 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion: 94 Resp: 87
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#

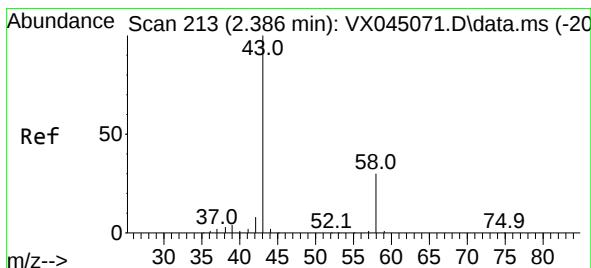
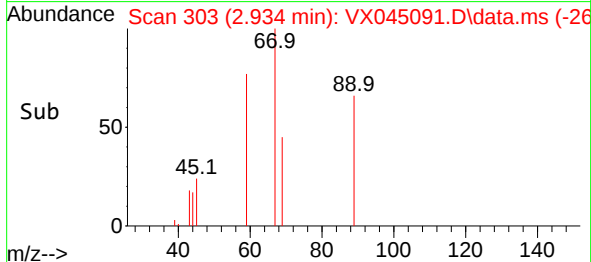
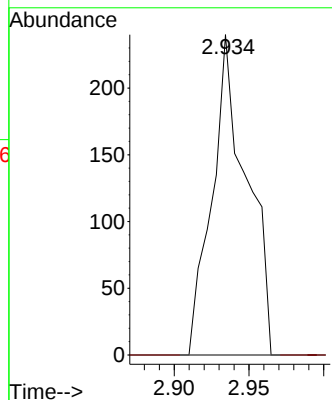
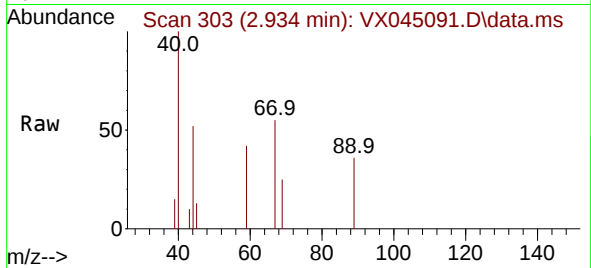




#11
Tert butyl alcohol
Concen: 1.786 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

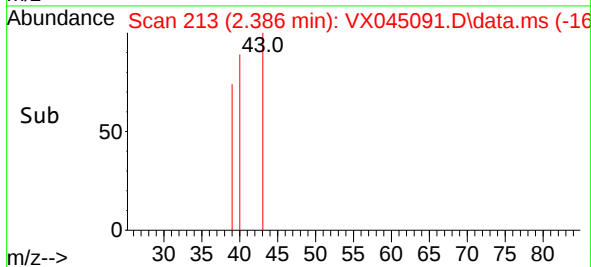
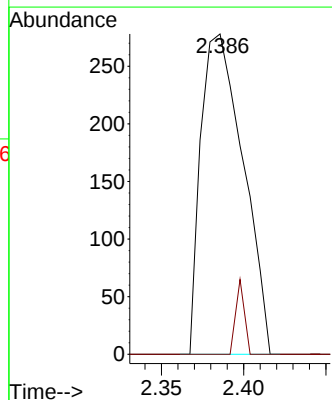
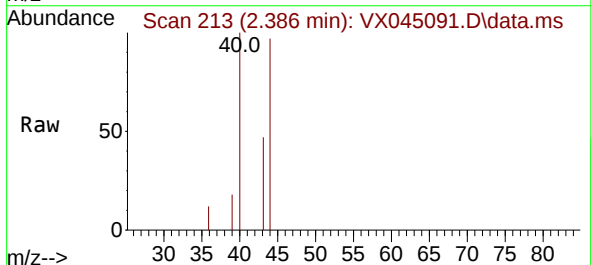
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

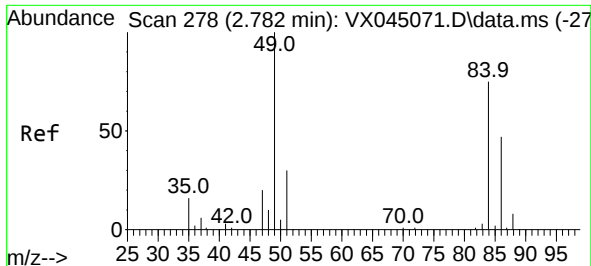
Tgt Ion: 59 Resp: 386
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 0.939 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#





#20

Methylene Chloride

Concen: 0.228 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045091.D

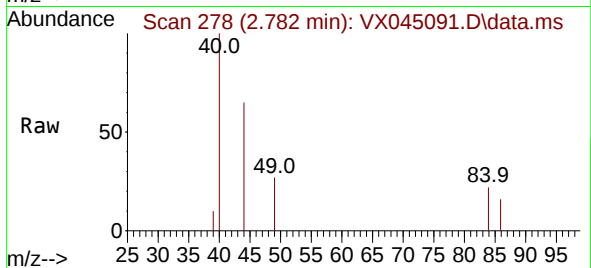
Acq: 28 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6



Tgt Ion: 84 Resp: 239

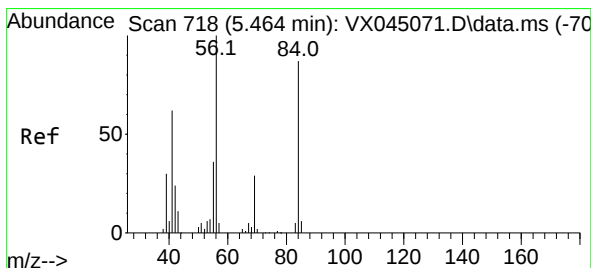
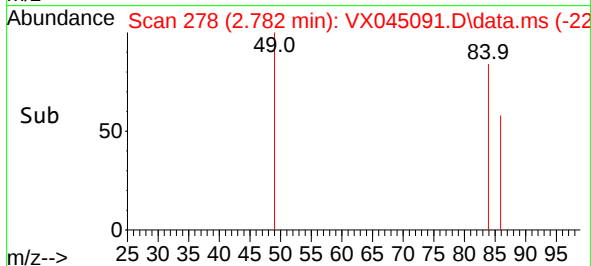
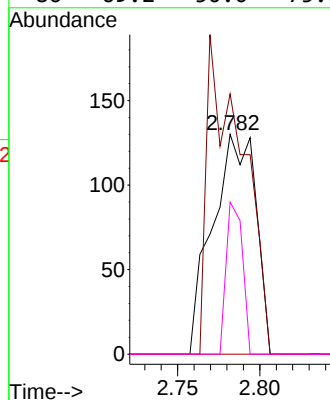
Ion Ratio Lower Upper

84 100

49 118.5 106.5 159.7

51 0.0 32.1 48.1#

86 69.2 50.0 75.0



#31

Cyclohexane

Concen: 1.097 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045091.D

Acq: 28 Feb 2025 16:07

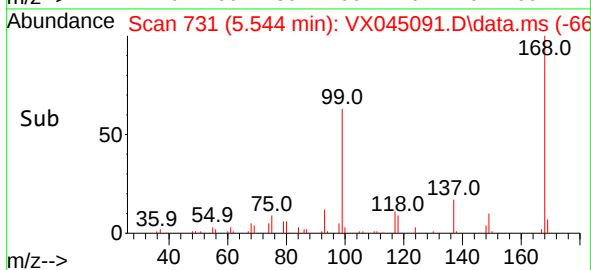
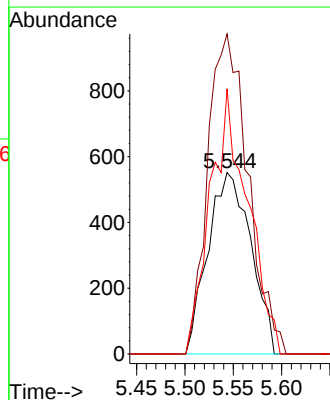
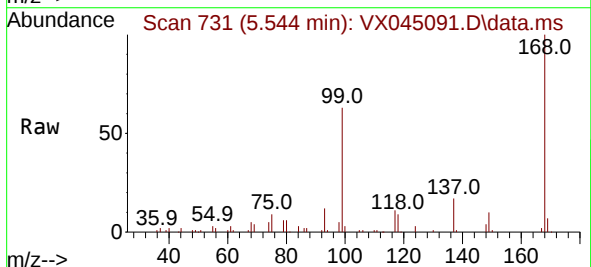
Tgt Ion: 56 Resp: 1703

Ion Ratio Lower Upper

56 100

69 176.3 23.4 35.2#

84 146.0 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 51.163 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045091.D

Acq: 28 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

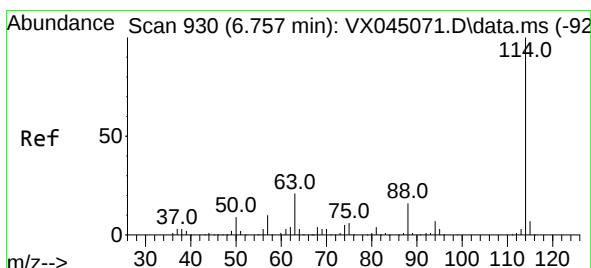
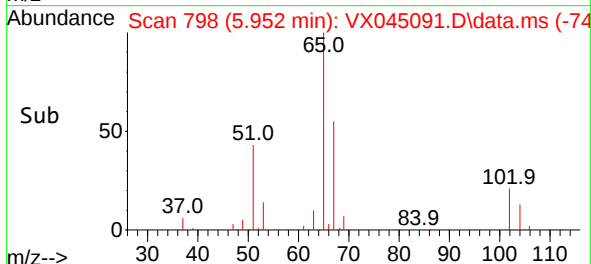
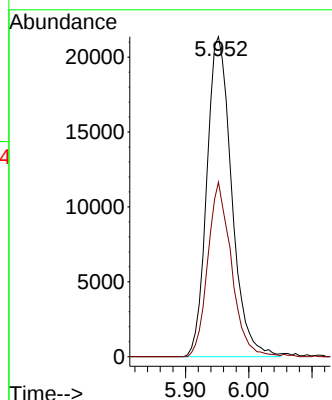
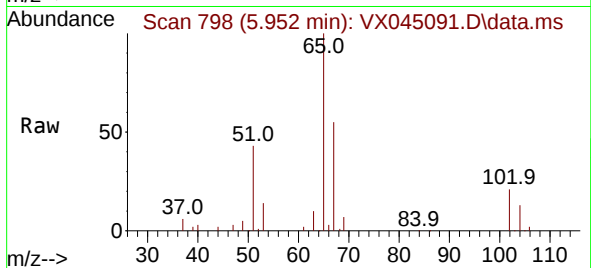
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 58365

Ion Ratio Lower Upper

65 100

67 51.7 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: VX045091.D

Acq: 28 Feb 2025 16:07

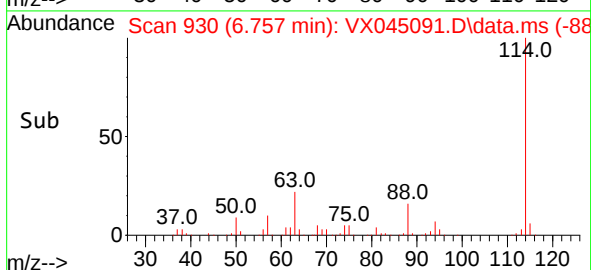
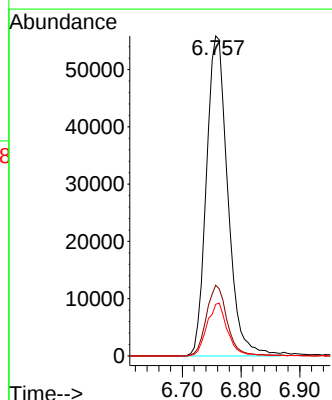
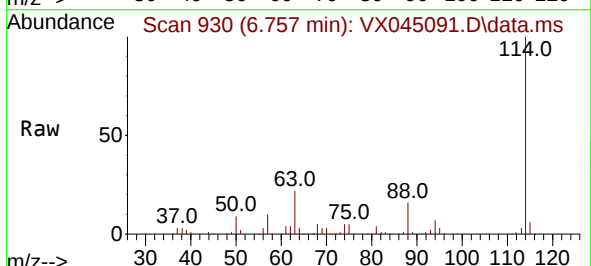
Tgt Ion: 114 Resp: 141247

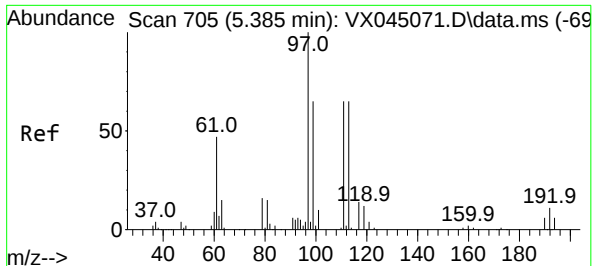
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.2 0.0 32.8

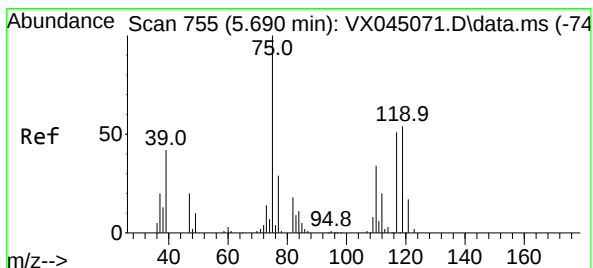
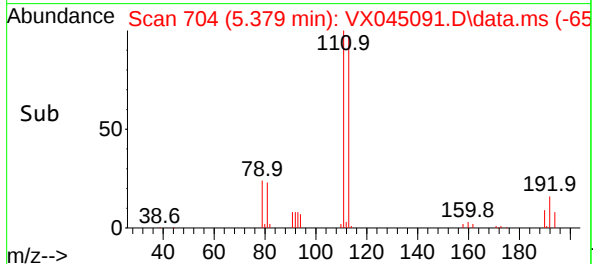
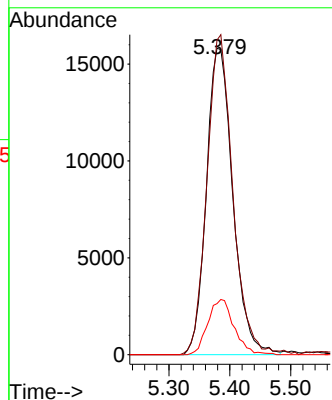
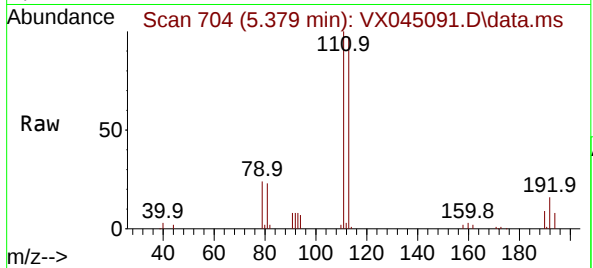




#35
Dibromofluoromethane
Concen: 50.531 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

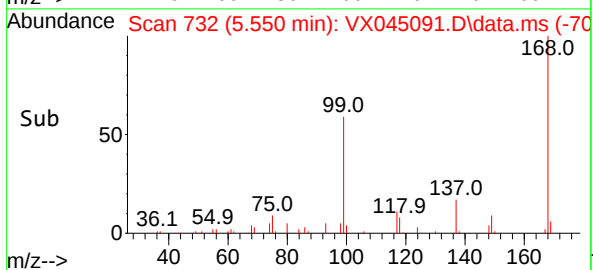
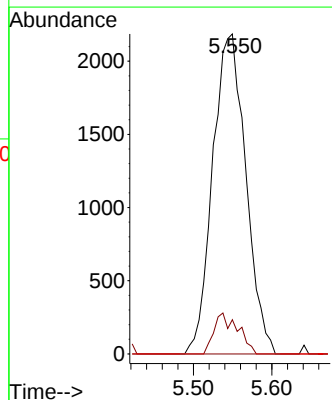
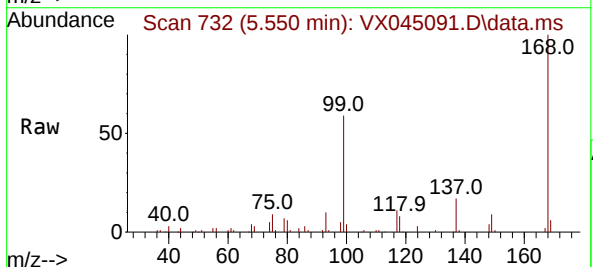
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Storage-Blank-SOIL-REF-6

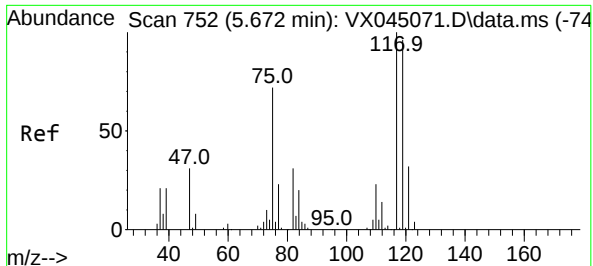
Tgt Ion:113 Resp: 47726
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 17.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.961 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

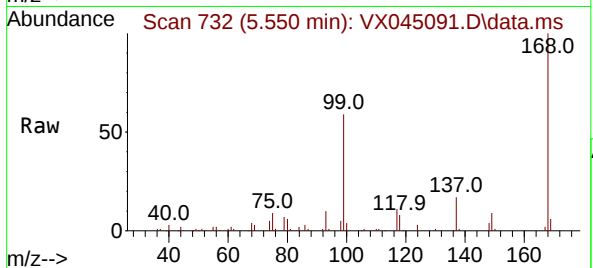
Tgt Ion: 75 Resp: 6426
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.6#
77 0.0 24.5 36.7#



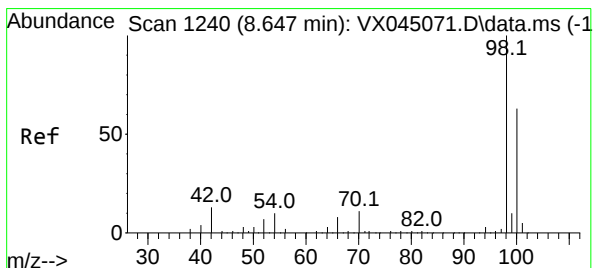
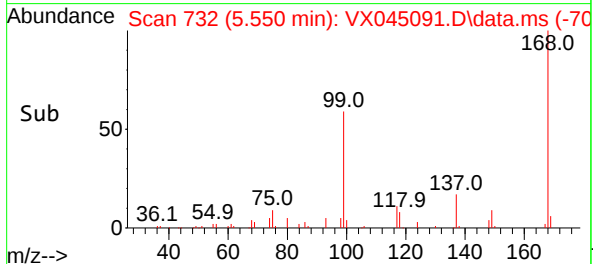
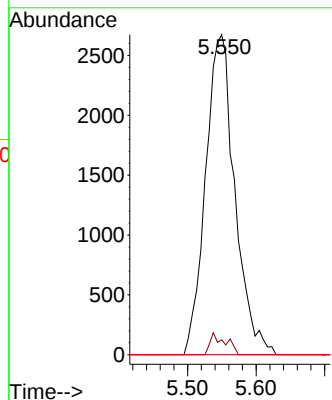


#38
Carbon Tetrachloride
Concen: 6.040 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

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

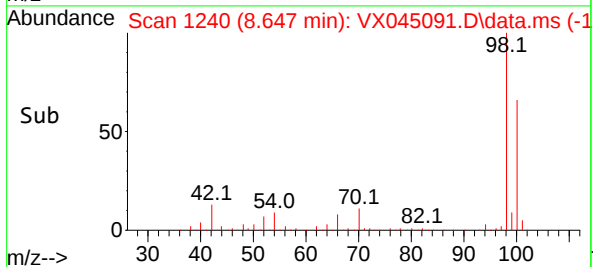
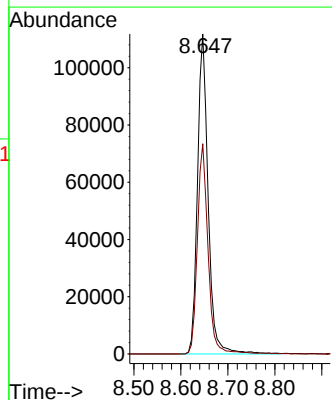
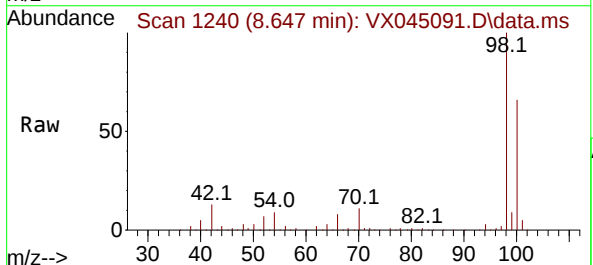


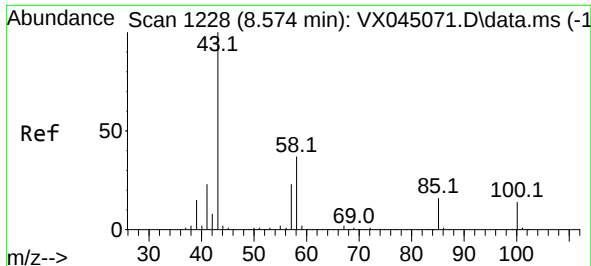
Tgt Ion:117 Resp: 7942
Ion Ratio Lower Upper
117 100
119 4.6 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.665 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion: 98 Resp: 176905
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

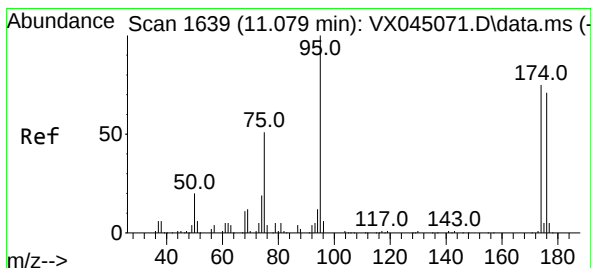
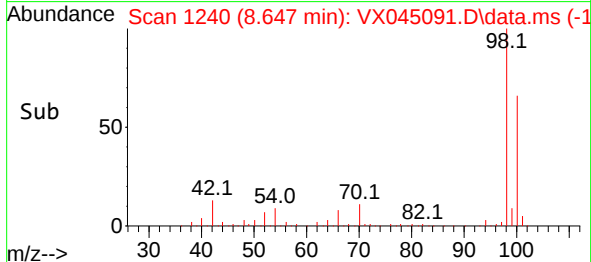
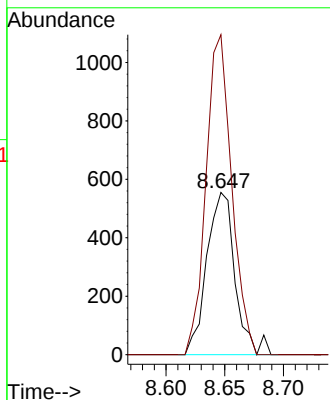
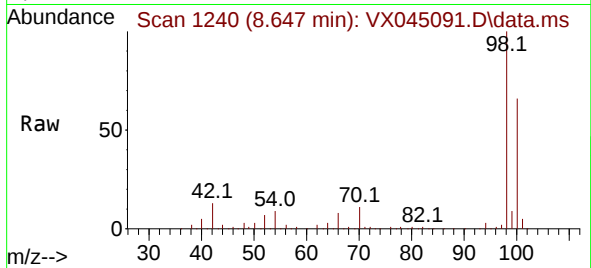




#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

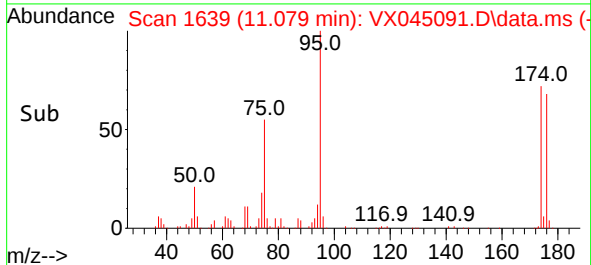
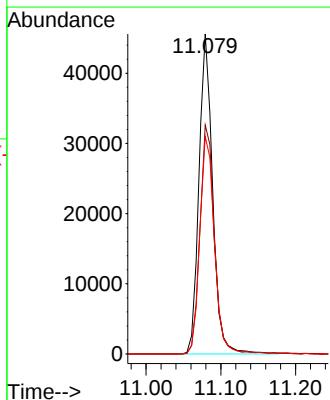
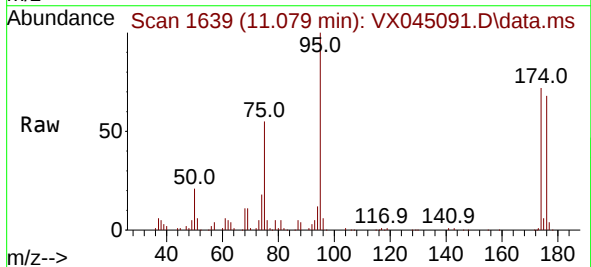
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

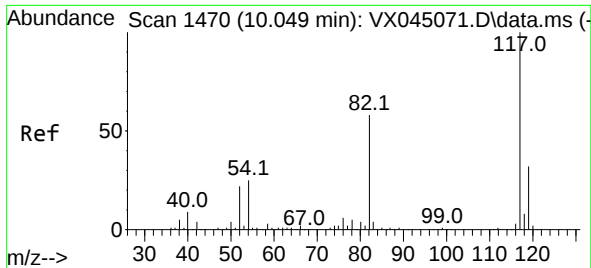
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 179.6 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 51.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion: 95 Resp: 58070
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.2
176 73.0 0.0 141.4

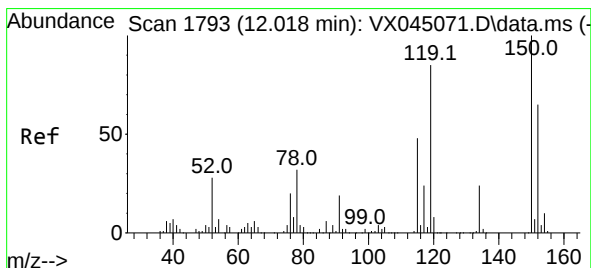
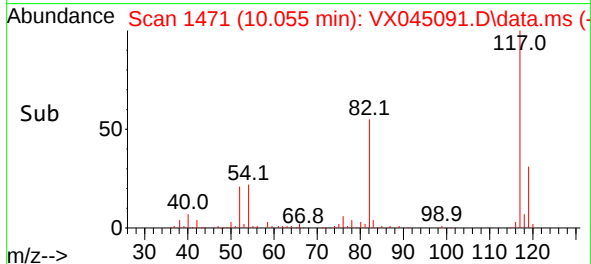
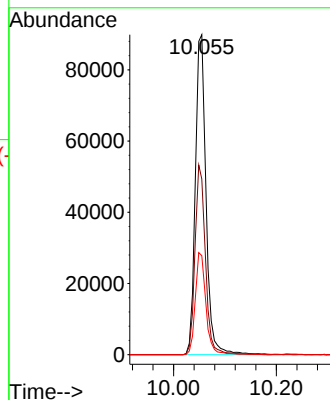
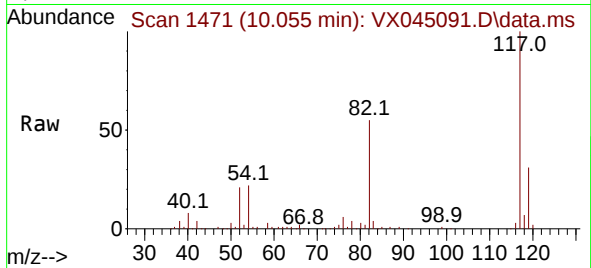




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

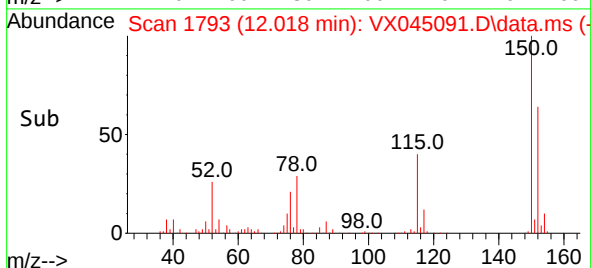
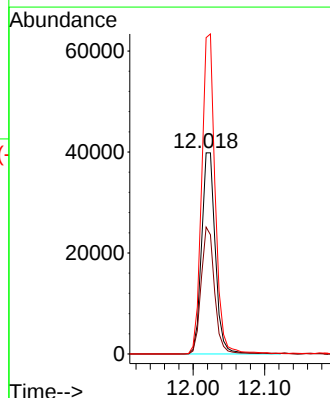
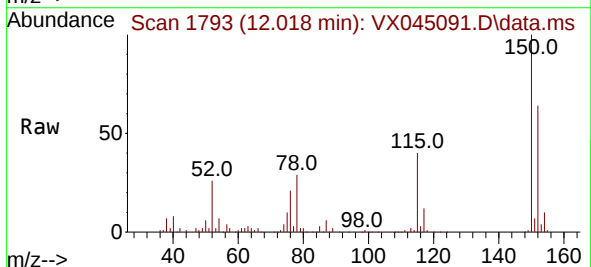
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

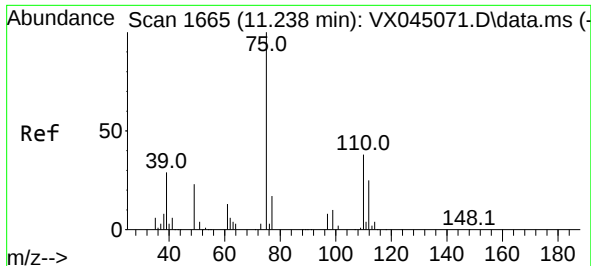
Tgt Ion:117 Resp: 130502
Ion Ratio Lower Upper
117 100
82 54.9 46.3 69.5
119 31.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion:152 Resp: 53203
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 156.4 0.0 349.0

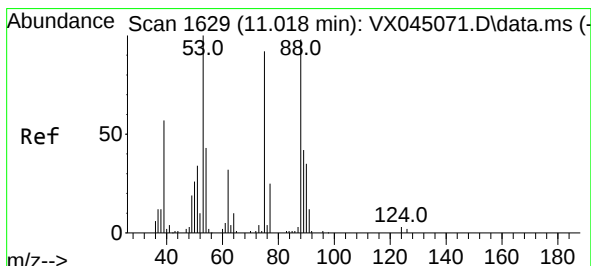
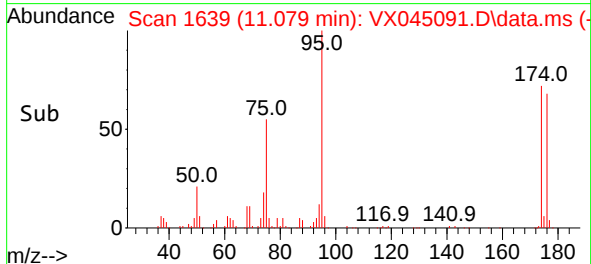
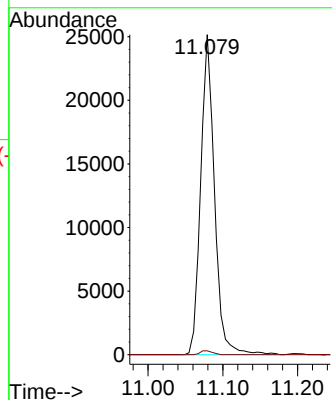
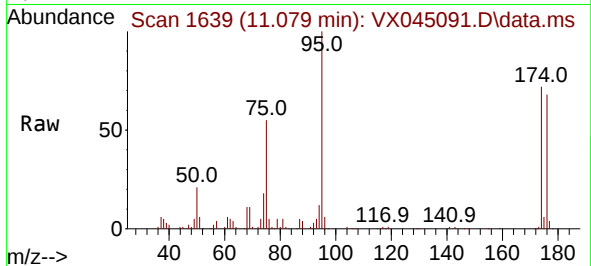




#76
1,2,3-Trichloropropane
Concen: 26.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

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

Tgt Ion: 75 Resp: 32242
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.104 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion: 75 Resp: 32242
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

