

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045359.D
 Acq On : 20 Mar 2025 14:26
 Operator : JC/MD
 Sample : Q1584-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Mar 21 01:48:26 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)

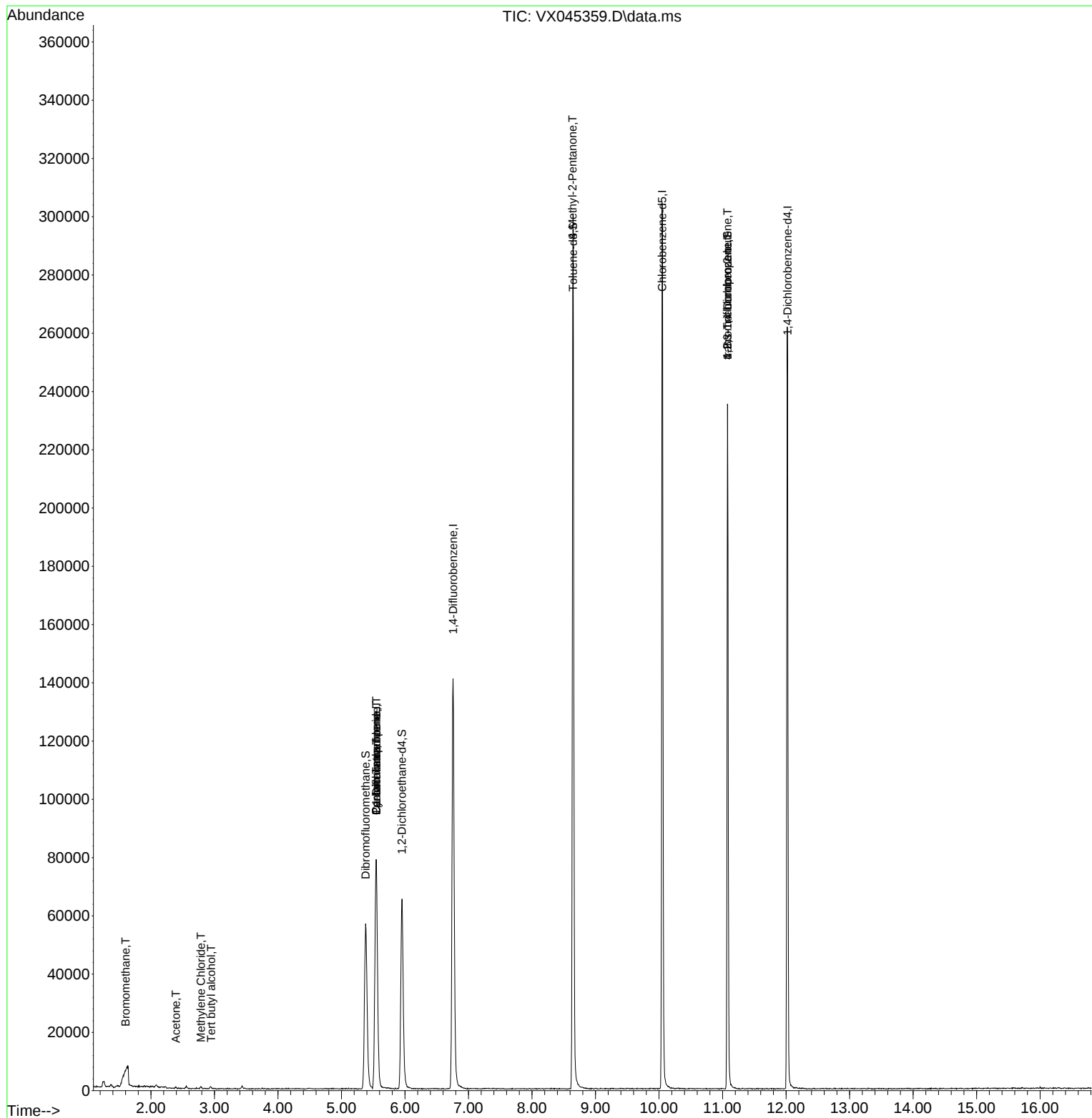
Internal Standards						
1) Pentafluorobenzene	5.550	168	70067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62464	56.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.100%
35) Dibromofluoromethane	5.379	113	48461	52.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.340%
50) Toluene-d8	8.647	98	173128	51.411	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.820%
62) 4-Bromofluorobenzene	11.079	95	59162	53.017	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	100	0.238	ug/l #	3
11) Tert butyl alcohol	2.947	59	238	1.127	ug/l #	73
16) Acetone	2.392	43	477	0.922	ug/l	94
20) Methylene Chloride	2.788	84	313	0.306	ug/l #	85
31) Cyclohexane	5.550	56	2123	1.400	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	6638	5.211	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7831	6.055	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	983	0.603	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33681	28.364	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33681	97.067	ug/l #	6

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
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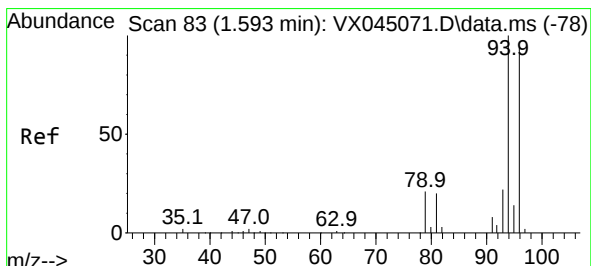
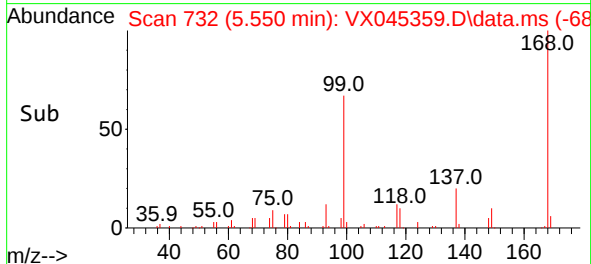
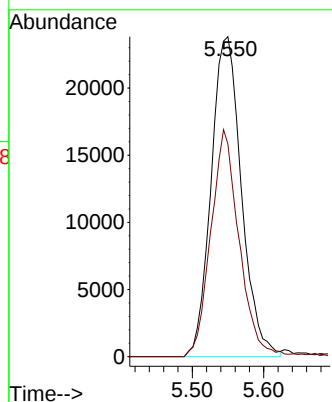
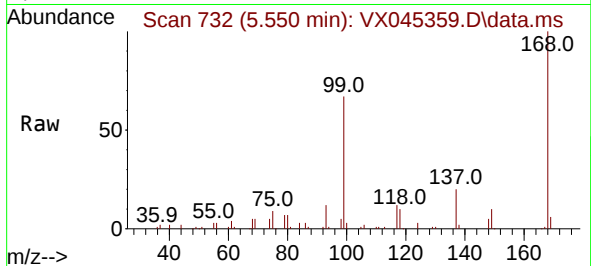




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

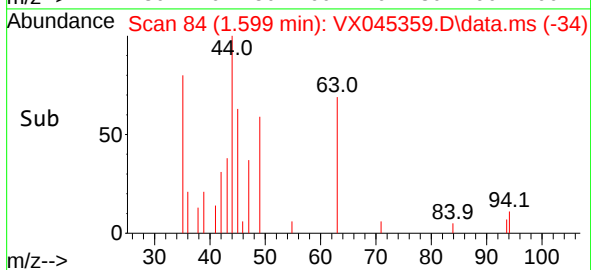
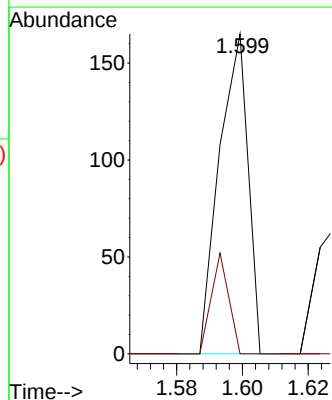
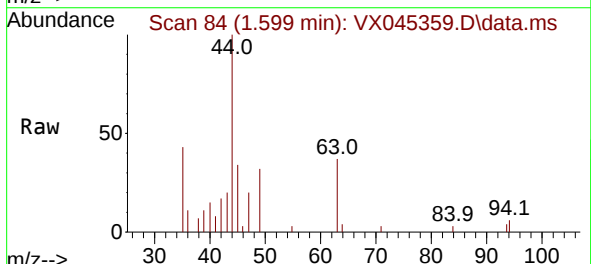
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 70067
Ion Ratio Lower Upper
168 100
99 66.5 48.2 72.4



#5
Bromomethane
Concen: 0.238 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

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





#11

Tert butyl alcohol

Concen: 1.127 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX045359.D

Acq: 20 Mar 2025 14:26

Instrument :

MSVOA_X

ClientSampleId :

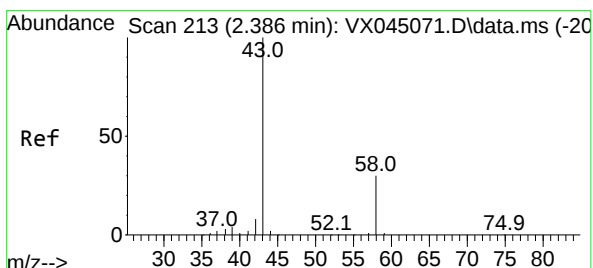
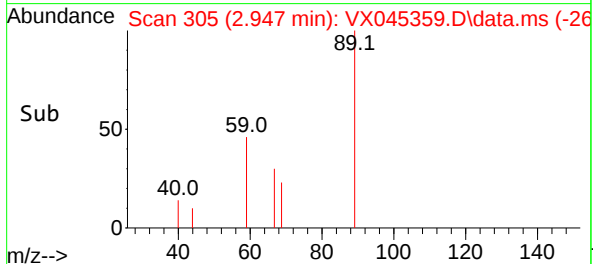
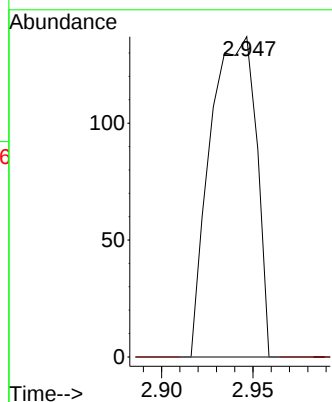
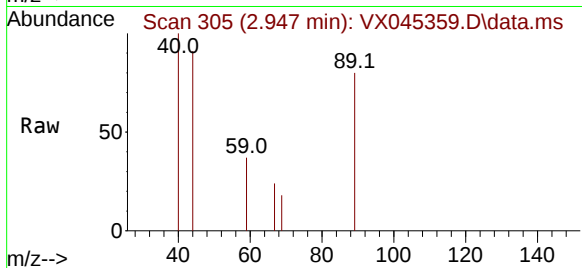
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 59 Resp: 238

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.922 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX045359.D

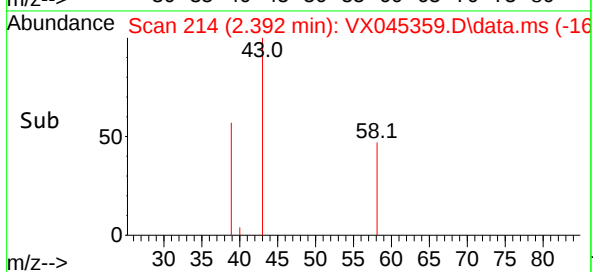
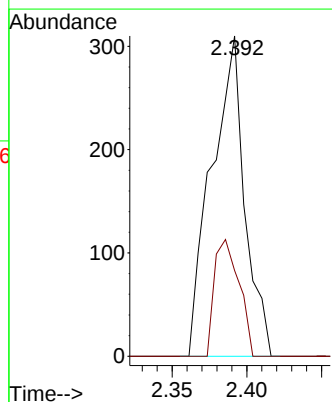
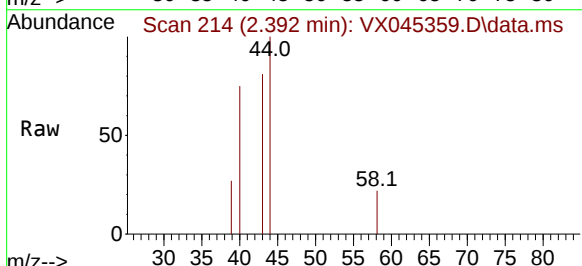
Acq: 20 Mar 2025 14:26

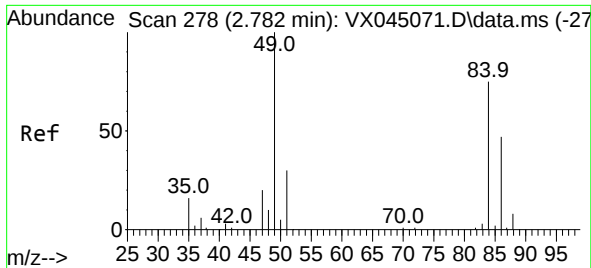
Tgt Ion: 43 Resp: 477

Ion Ratio Lower Upper

43 100

58 26.8 24.2 36.4

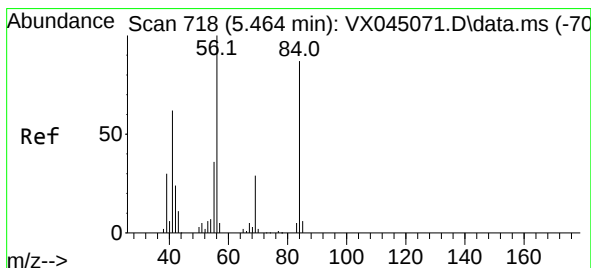
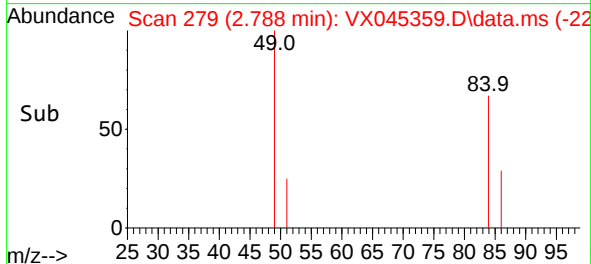
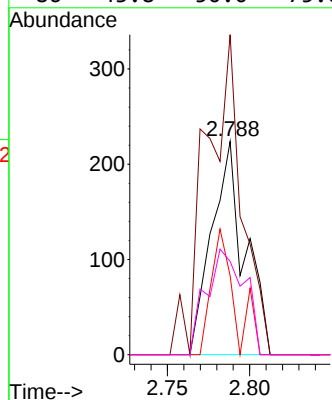
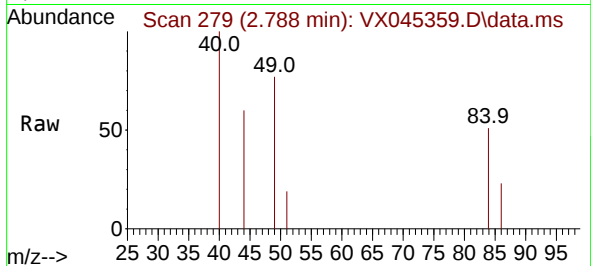




#20
Methylene Chloride
Concen: 0.306 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

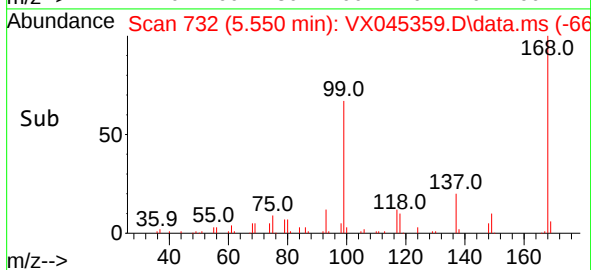
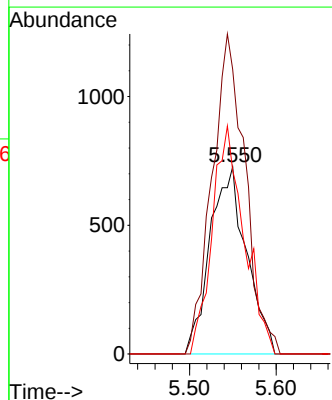
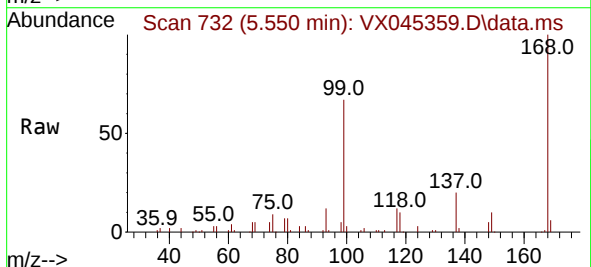
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:	84	Resp:	313
Ion	Ratio	Lower	Upper
84	100		
49	150.0	106.5	159.7
51	37.1	32.1	48.1
86	43.8	50.0	75.0



#31
Cyclohexane
Concen: 1.400 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Tgt Ion:	56	Resp:	2123
Ion	Ratio	Lower	Upper
56	100		
69	152.1	23.4	35.2
84	98.1	69.4	104.2





#33

1,2-Dichloroethane-d4

Concen: 56.046 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045359.D

Acq: 20 Mar 2025 14:26

Instrument :

MSVOA_X

ClientSampleId :

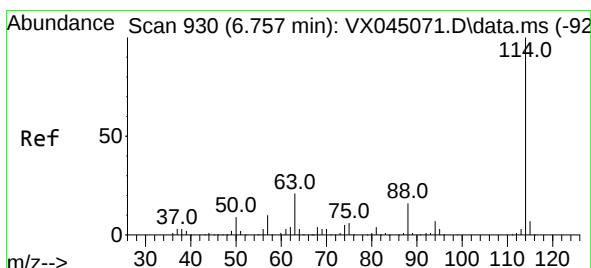
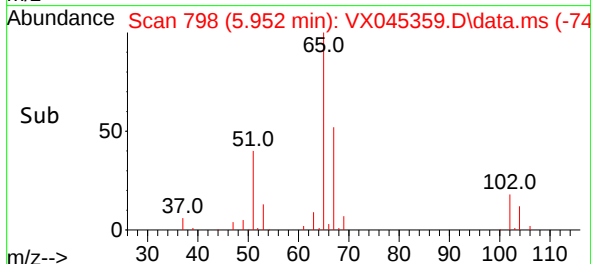
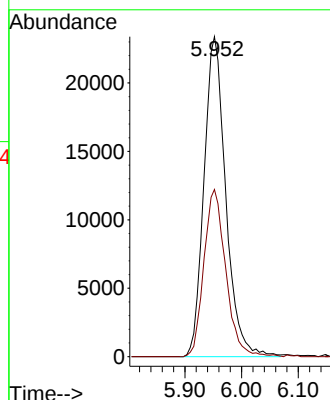
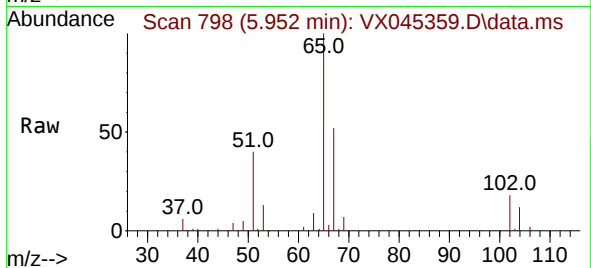
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 65 Resp: 62464

Ion Ratio Lower Upper

65 100

67 52.5 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: VX045359.D

Acq: 20 Mar 2025 14:26

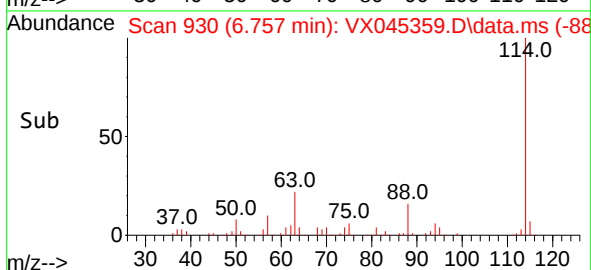
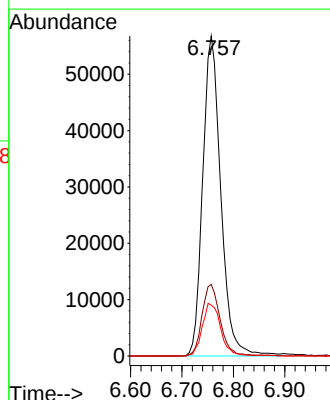
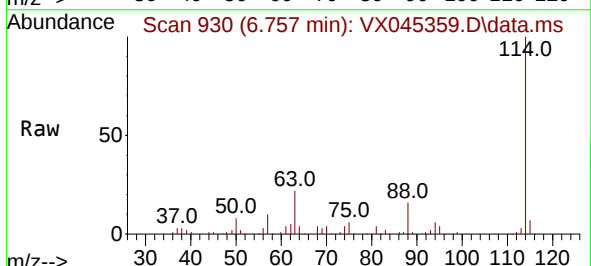
Tgt Ion: 114 Resp: 138915

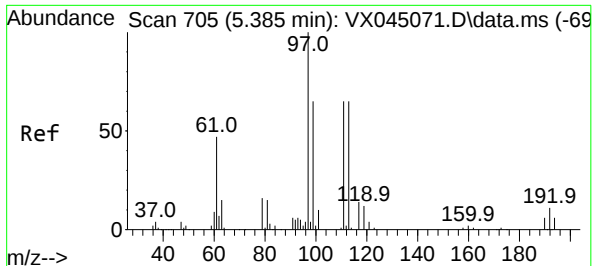
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.9 0.0 32.8

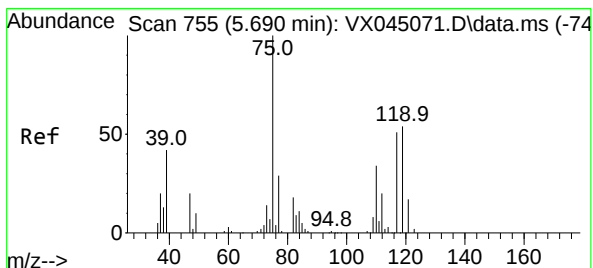
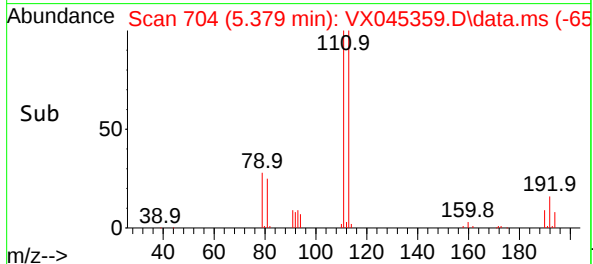
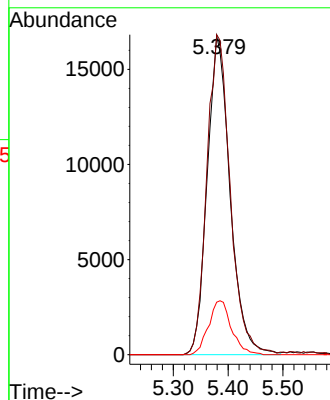
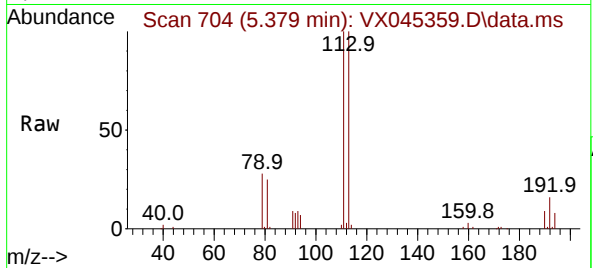




#35
Dibromofluoromethane
Concen: 52.171 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

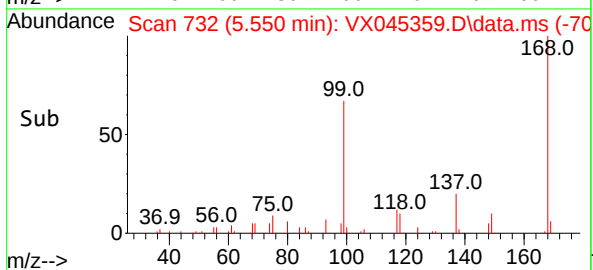
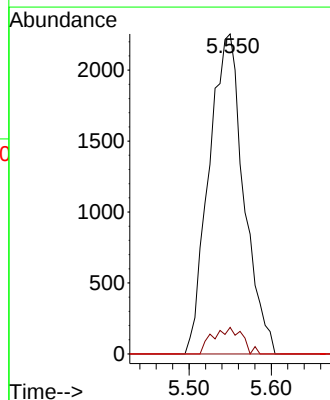
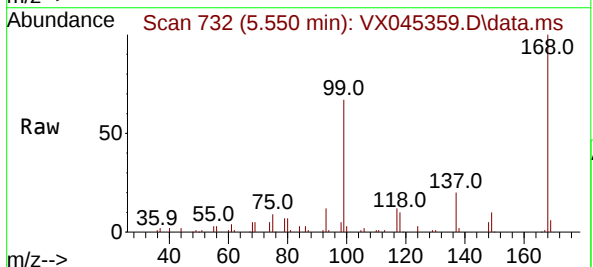
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

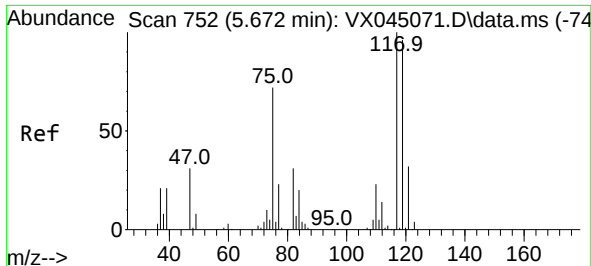
Tgt Ion:113 Resp: 48461
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 17.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.211 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

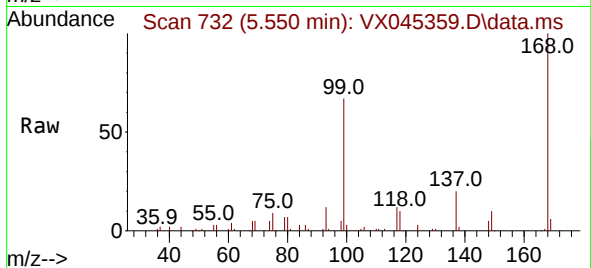
Tgt Ion: 75 Resp: 6638
Ion Ratio Lower Upper
75 100
110 7.0 16.9 50.6#
77 0.0 24.5 36.7#



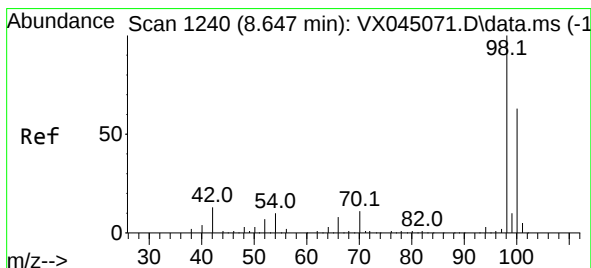
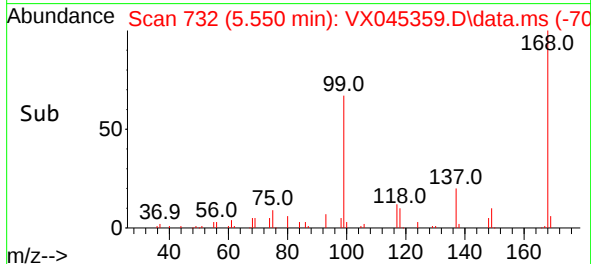
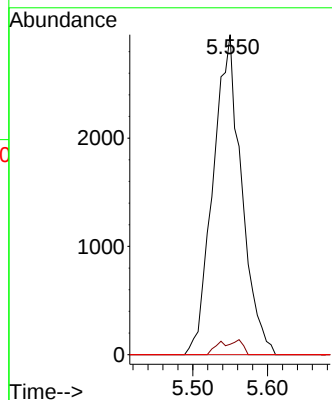


#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

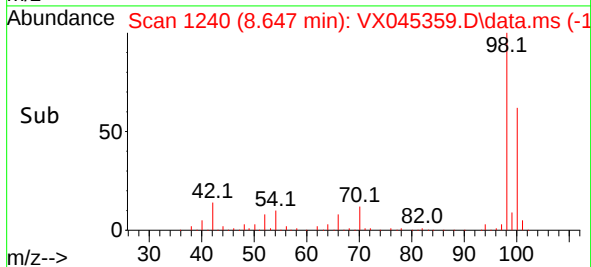
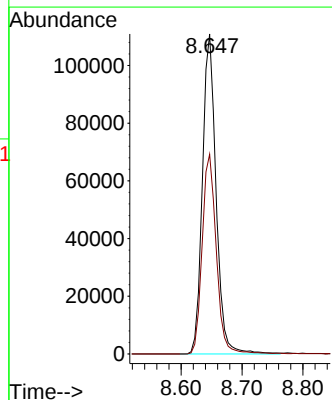
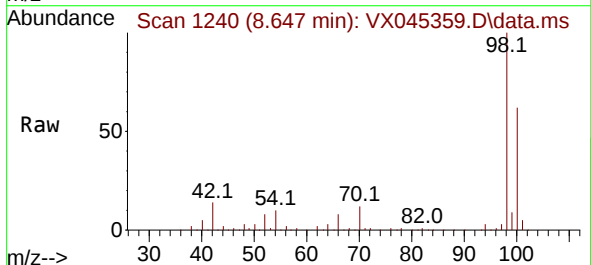


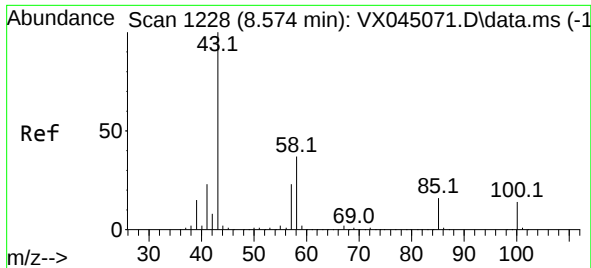
Tgt Ion:117 Resp: 7831
Ion Ratio Lower Upper
117 100
119 3.2 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.411 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Tgt Ion: 98 Resp: 173128
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

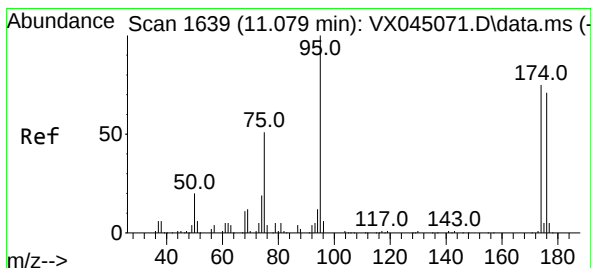
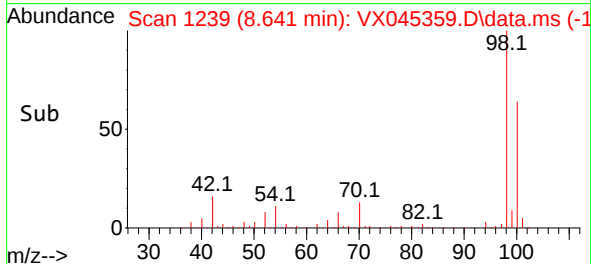
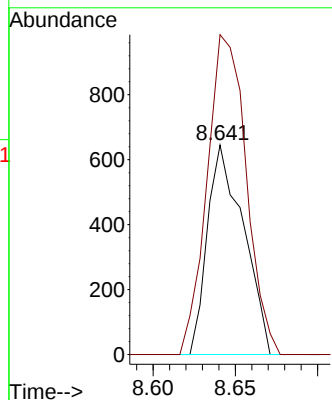
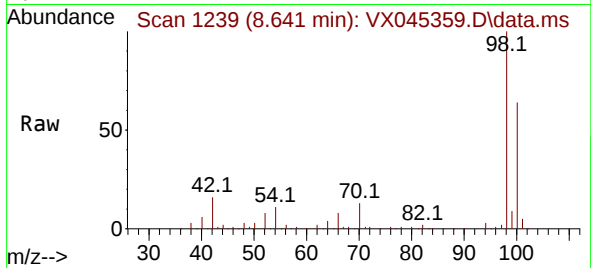




#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

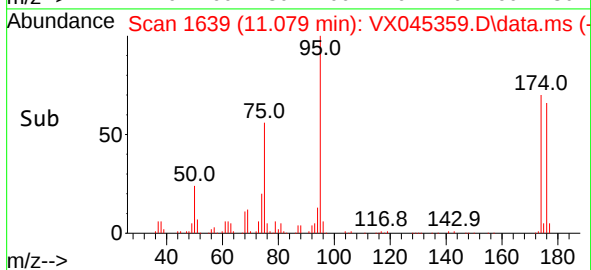
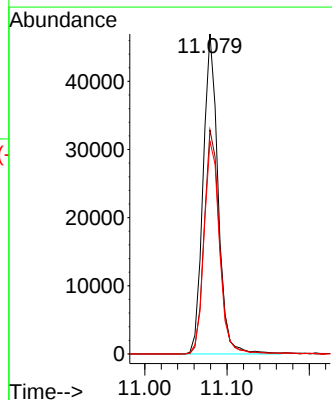
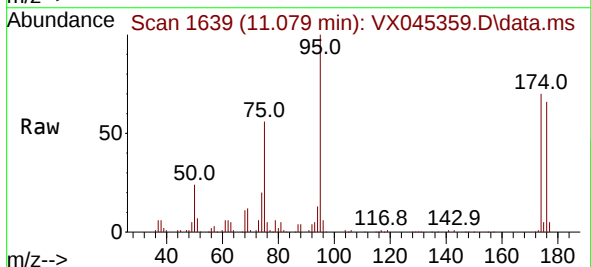
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

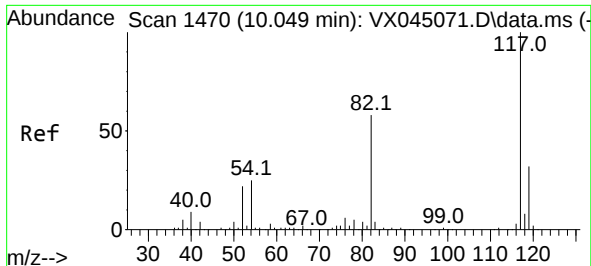
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 166.0 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 53.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Tgt Ion: 95 Resp: 59162
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.2
176 68.8 0.0 141.4

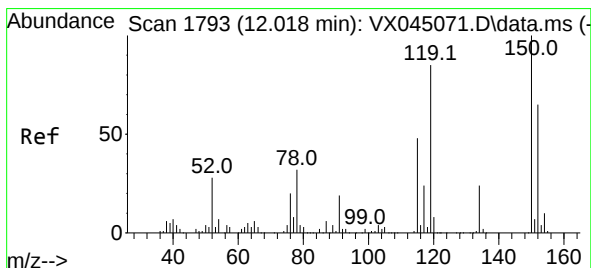
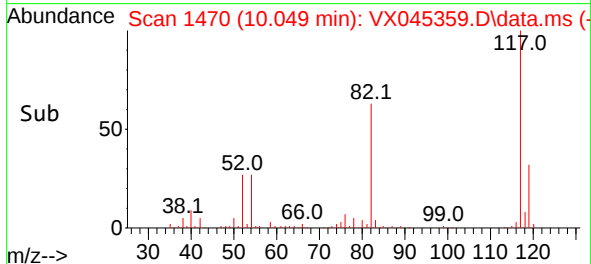
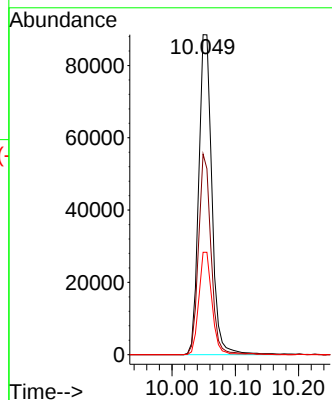
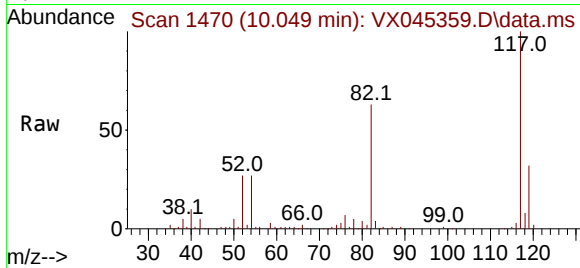




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

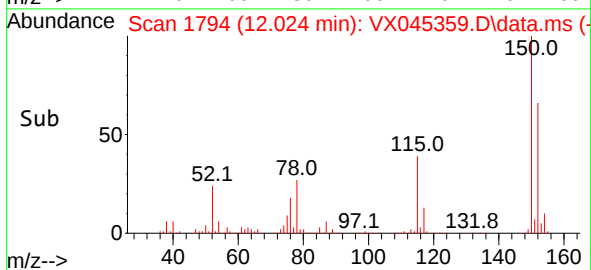
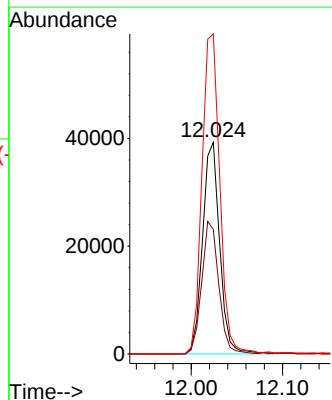
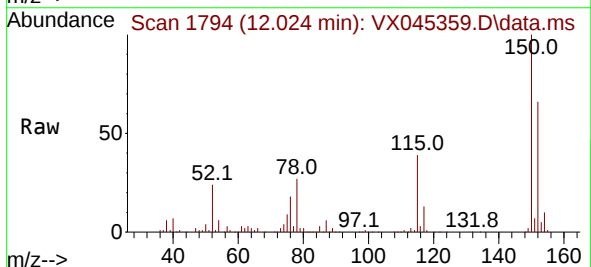
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

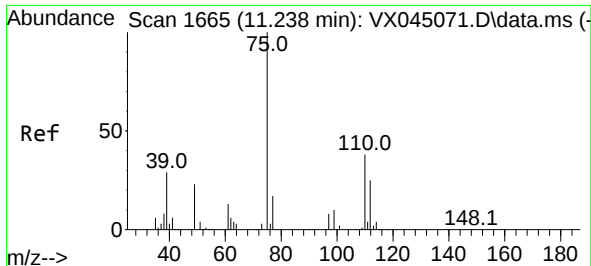
Tgt Ion:117 Resp: 128357
Ion Ratio Lower Upper
117 100
82 62.7 46.3 69.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Tgt Ion:152 Resp: 51018
Ion Ratio Lower Upper
152 100
115 62.4 44.2 132.6
150 157.7 0.0 349.0

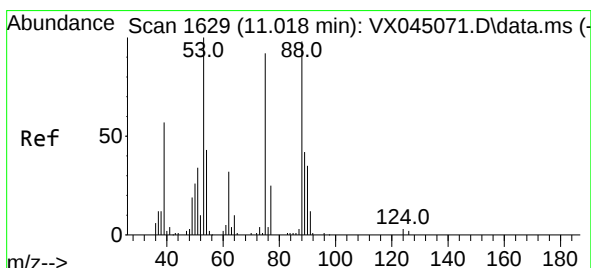
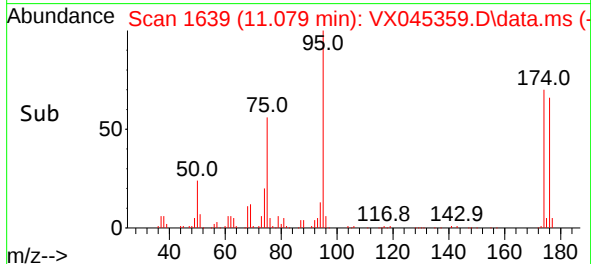
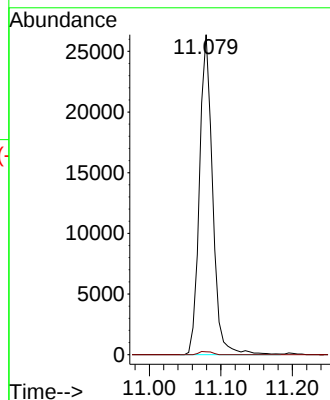
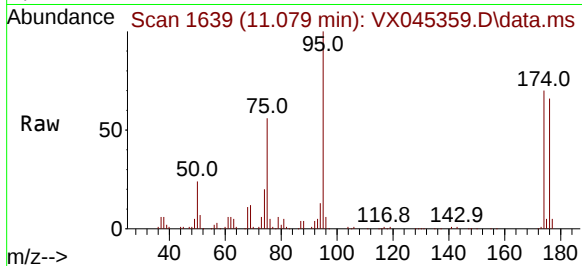




#76
1,2,3-Trichloropropane
Concen: 28.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 33681
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.067 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045359.D
Acq: 20 Mar 2025 14:26

Tgt Ion: 75 Resp: 33681
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

