

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045093.D
 Acq On : 28 Feb 2025 16:54
 Operator : JC/MD
 Sample : Q1469-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Feb 28 23:10:23 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)

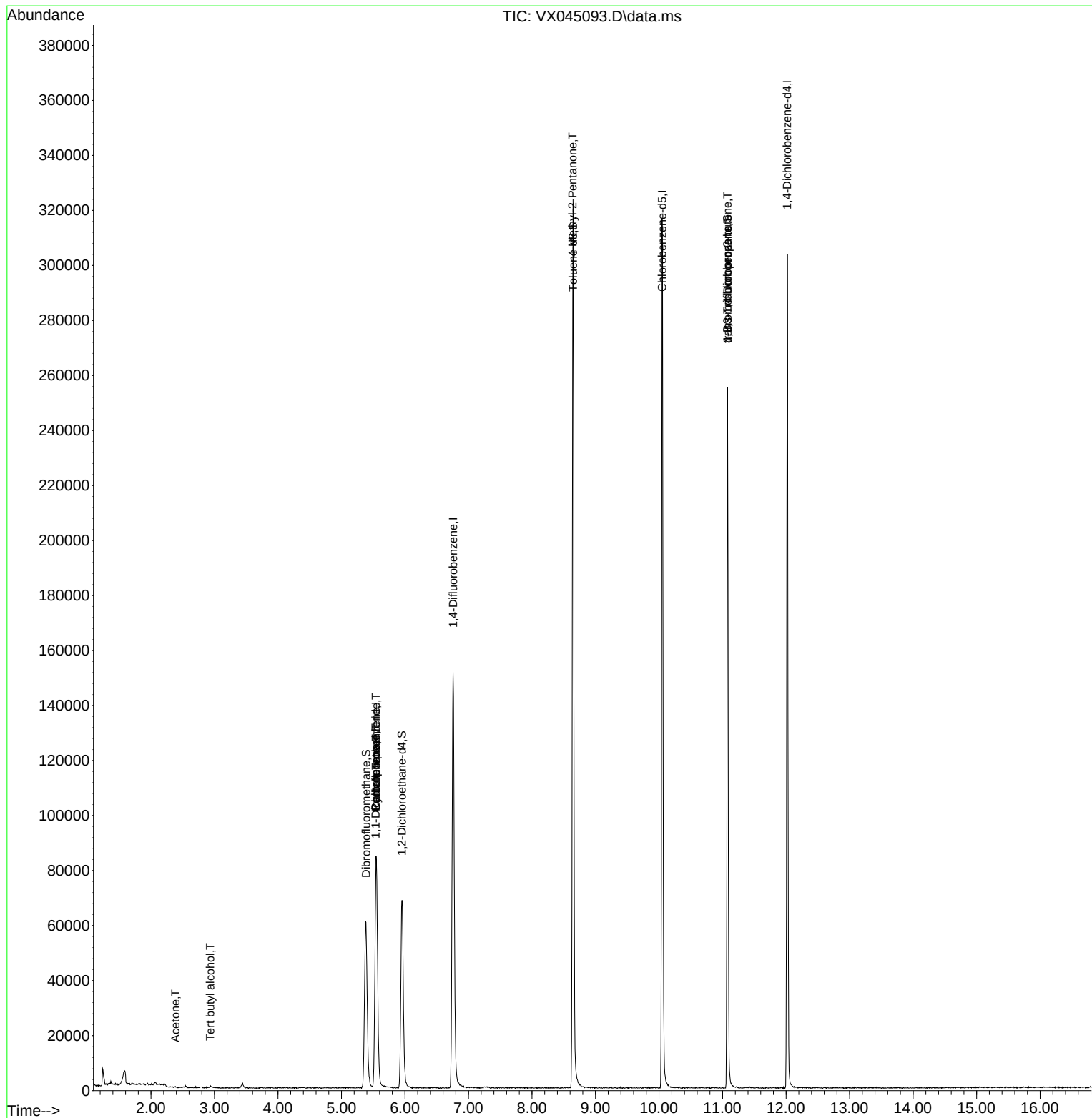
Internal Standards						
1) Pentafluorobenzene	5.544	168	78776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66633	53.177	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.360%	
35) Dibromofluoromethane	5.385	113	53896	52.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	8.647	98	190629	50.759	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	11.079	95	65949	52.993	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	243	1.024	ug/l #	73
16) Acetone	2.386	43	338	0.581	ug/l #	44
31) Cyclohexane	5.544	56	2100	1.232	ug/l #	18
36) 1,1-Dichloropropene	5.538	75	6833	4.810	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8783	6.090	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	939	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35180	25.217	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35180	86.298	ug/l #	6

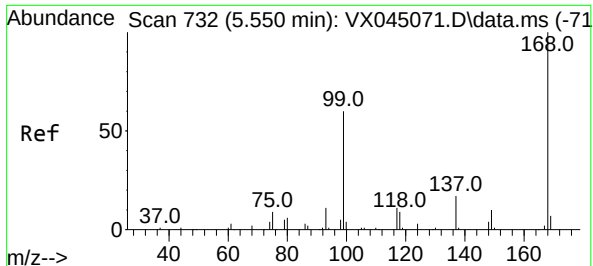
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

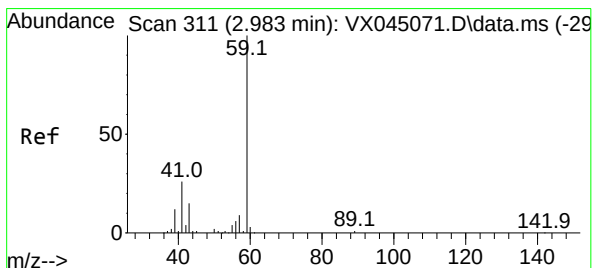
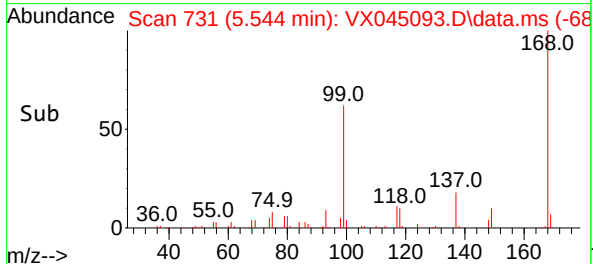
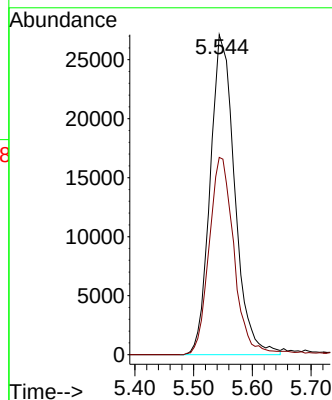
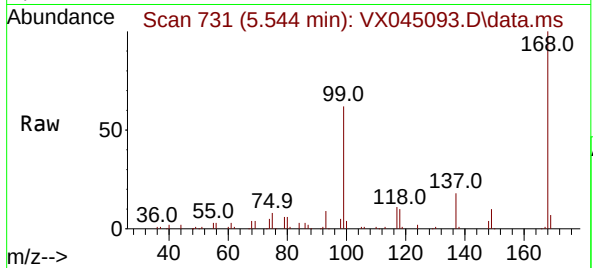




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

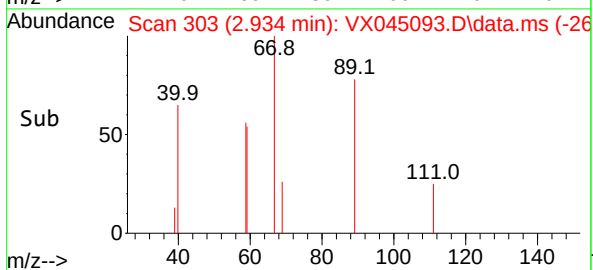
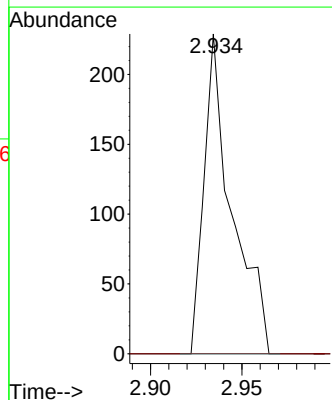
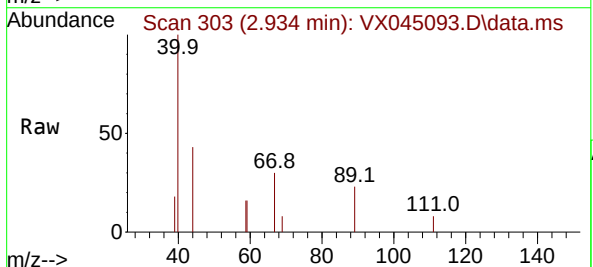
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

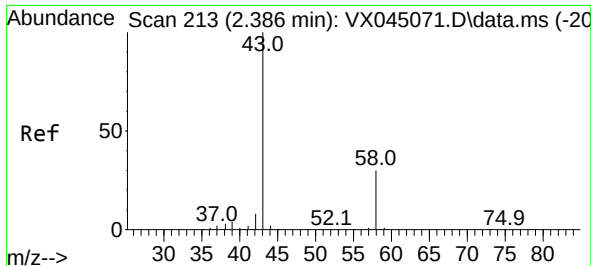
Tgt Ion:168 Resp: 78776
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#11
Tert butyl alcohol
Concen: 1.024 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

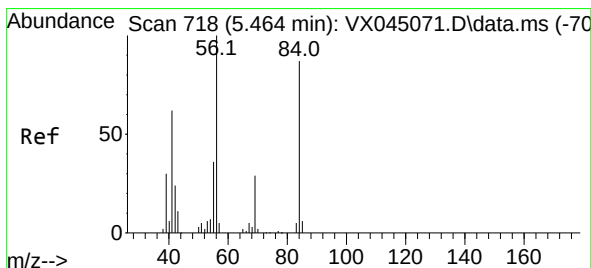
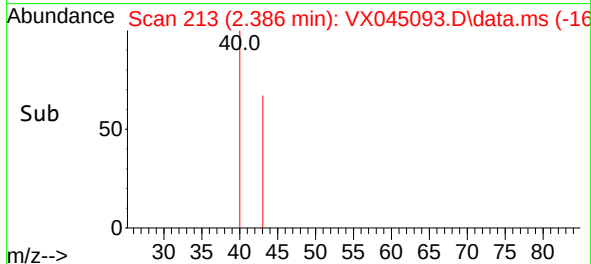
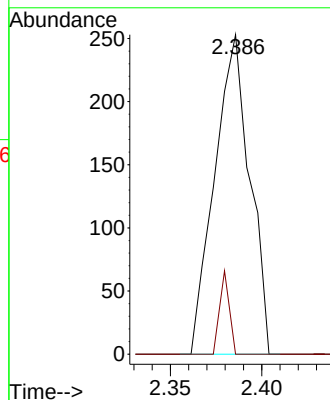
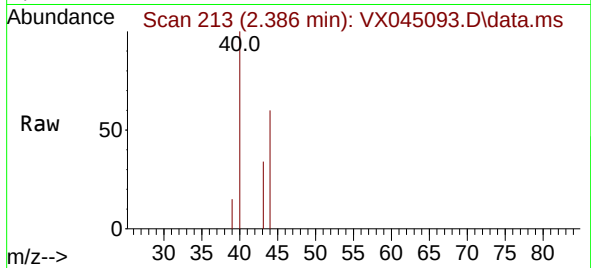




#16
Acetone
Concen: 0.581 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

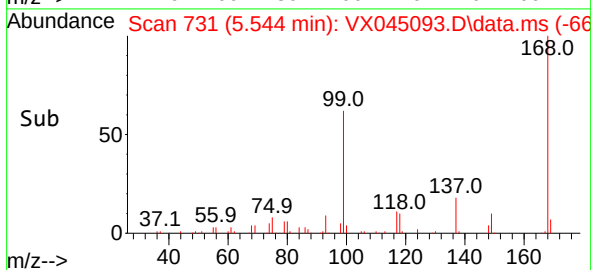
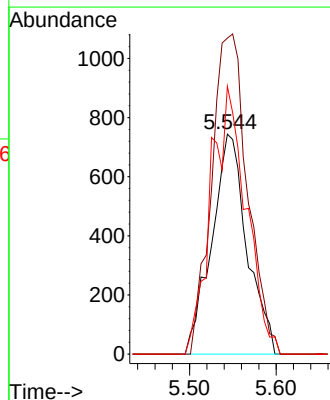
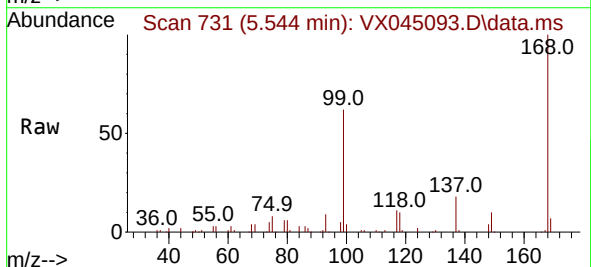
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-4

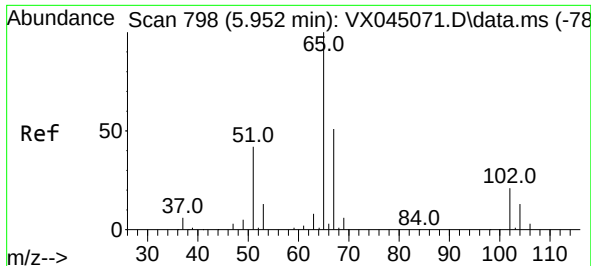
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#31
Cyclohexane
Concen: 1.232 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion: 56 Resp: 2100
Ion Ratio Lower Upper
56 100
69 143.7 23.4 35.2#
84 121.8 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 53.177 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045093.D

Acq: 28 Feb 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

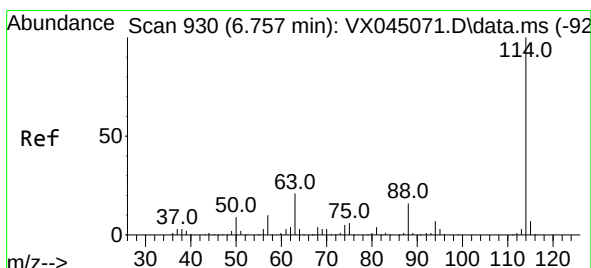
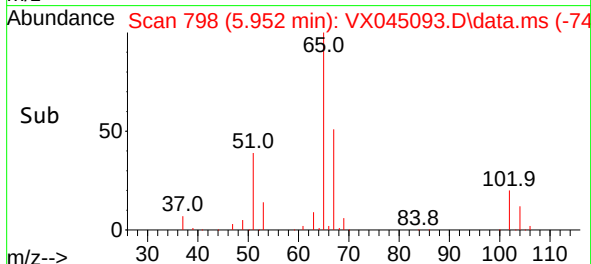
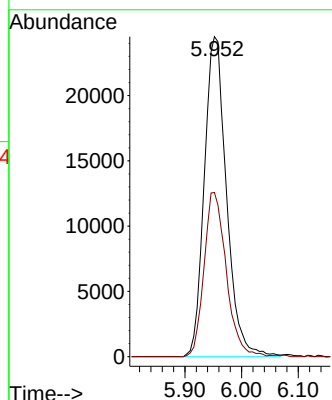
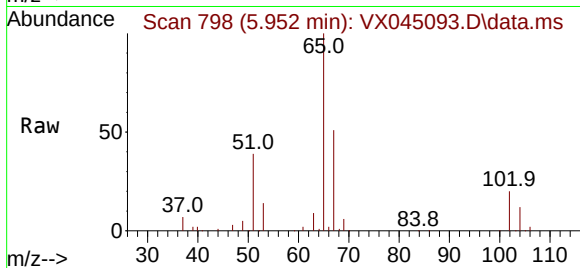
Storage-Blank-WATER-REF-4

Tgt Ion: 65 Resp: 66633

Ion Ratio Lower Upper

65 100

67 51.3 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: VX045093.D

Acq: 28 Feb 2025 16:54

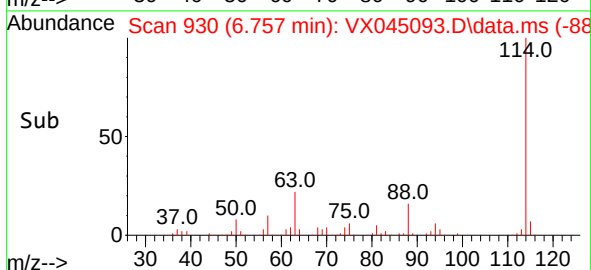
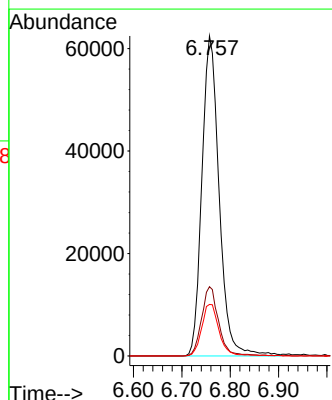
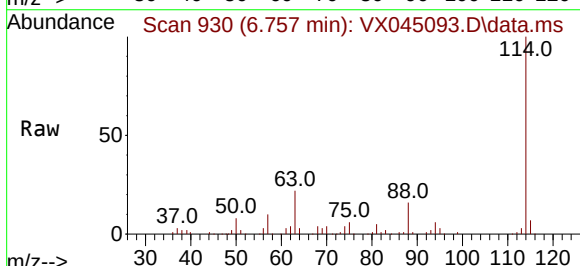
Tgt Ion: 114 Resp: 154922

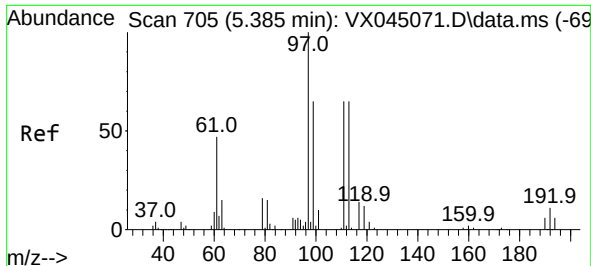
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 16.1 0.0 32.8

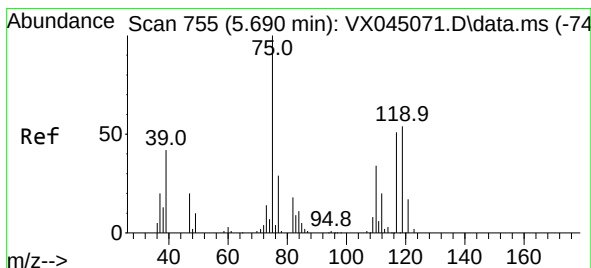
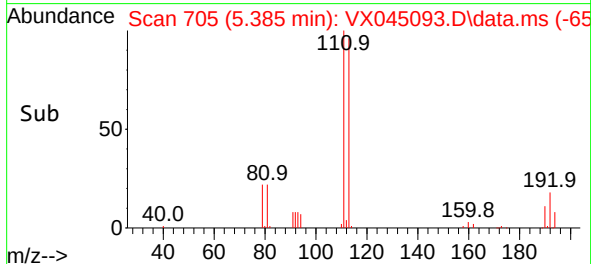
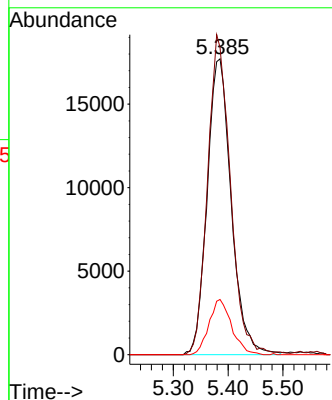
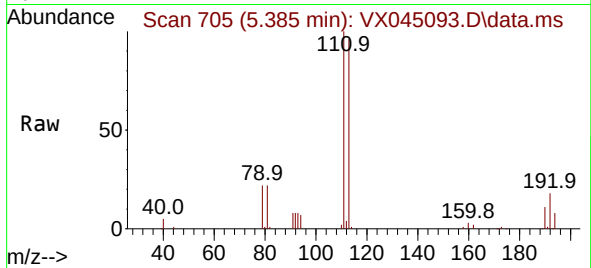




#35
Dibromofluoromethane
Concen: 52.027 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

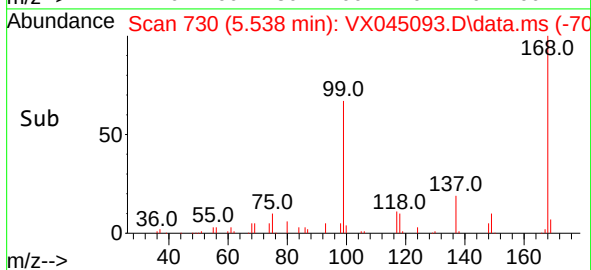
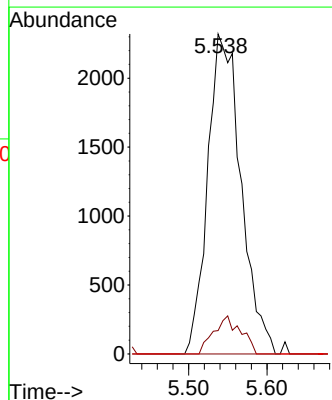
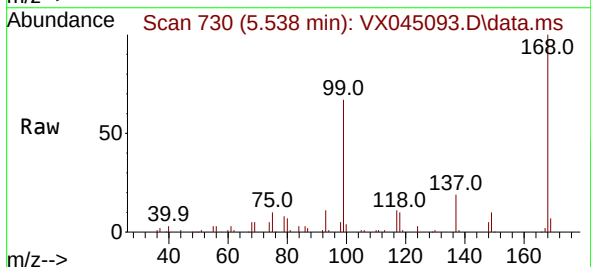
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

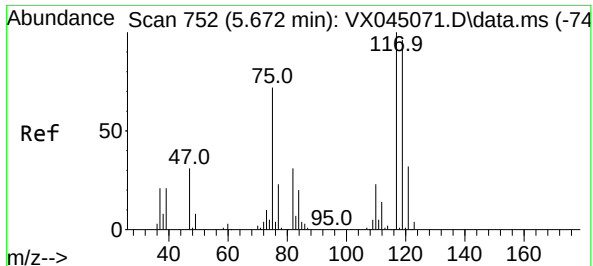
Tgt Ion:113 Resp: 53896
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 17.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

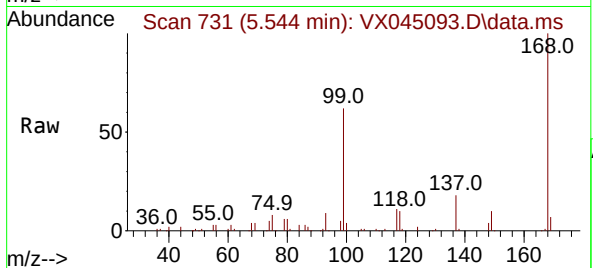
Tgt Ion: 75 Resp: 6833
Ion Ratio Lower Upper
75 100
110 9.6 16.9 50.6#
77 0.0 24.5 36.7#



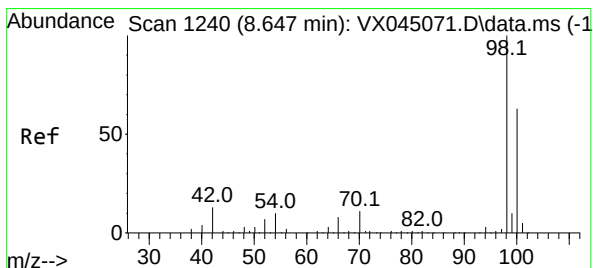
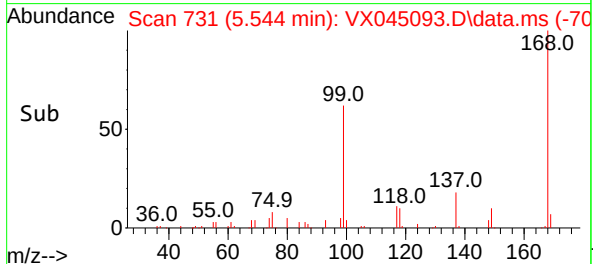
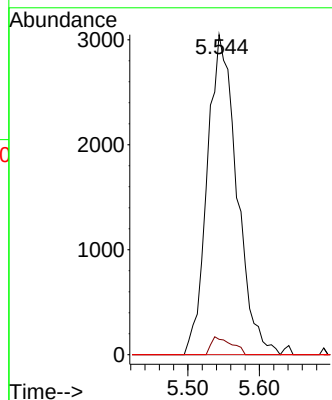


#38
Carbon Tetrachloride
Concen: 6.090 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

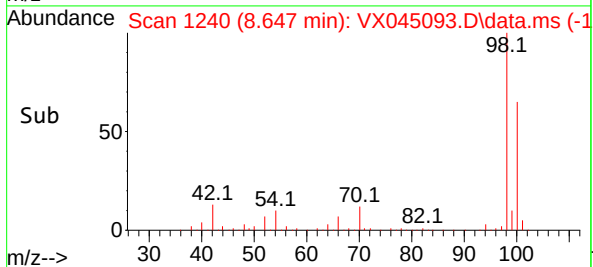
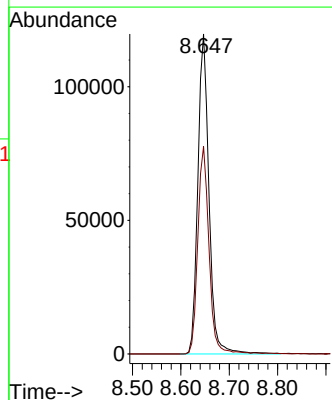
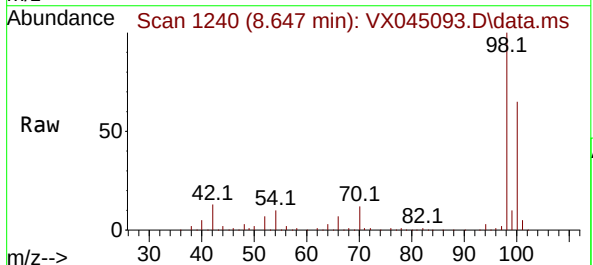


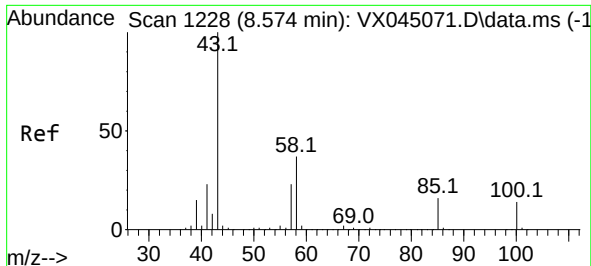
Tgt Ion:117 Resp: 8783
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.759 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion: 98 Resp: 190629
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

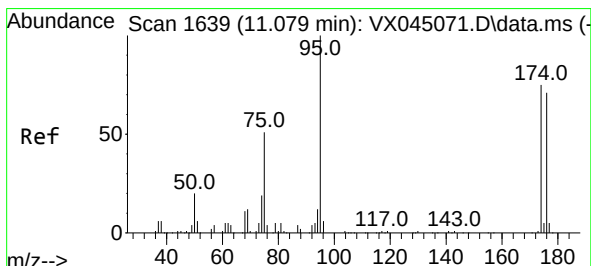
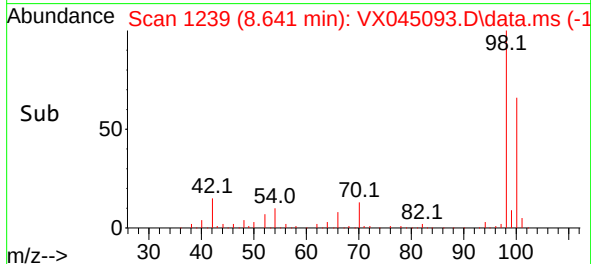
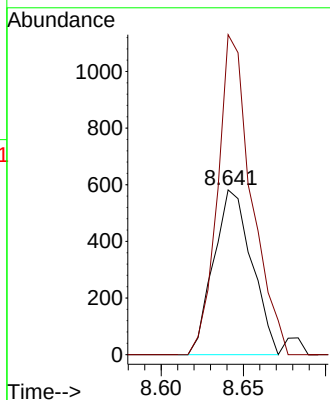
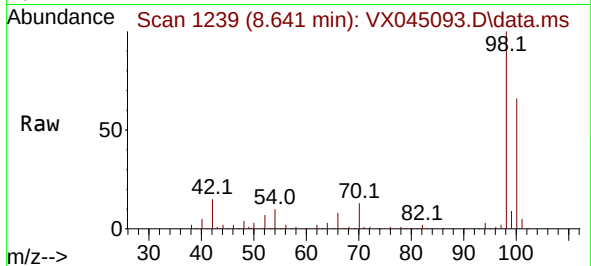




#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

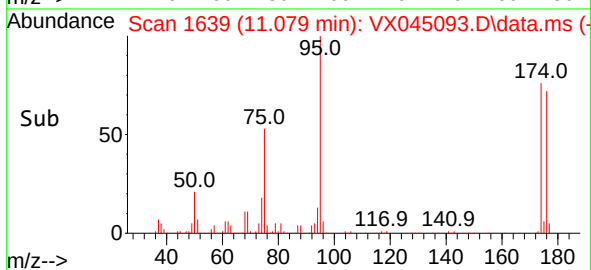
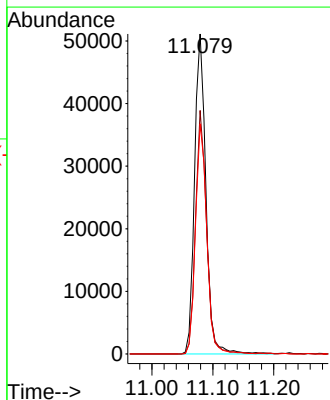
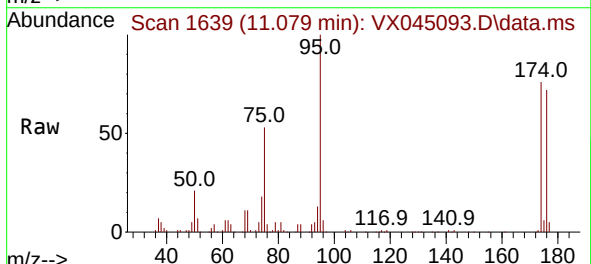
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MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

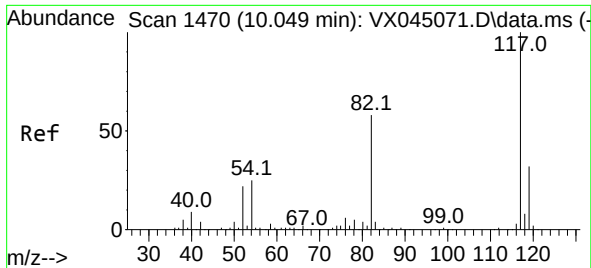
Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 173.5 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 52.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion: 95 Resp: 65949
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.2
176 71.6 0.0 141.4

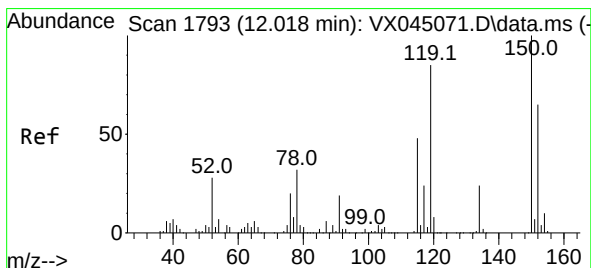
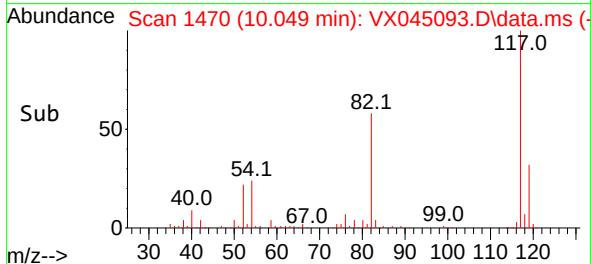
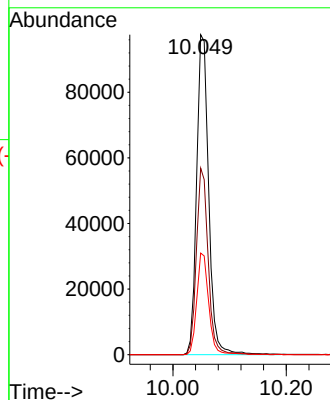
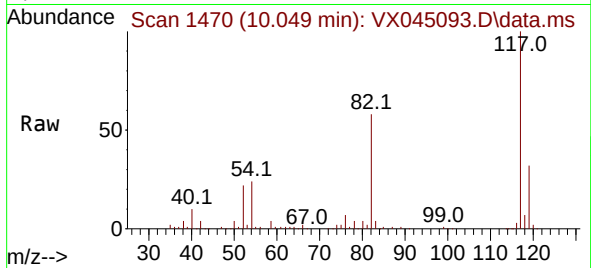




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

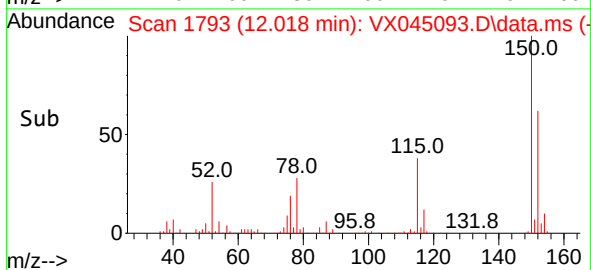
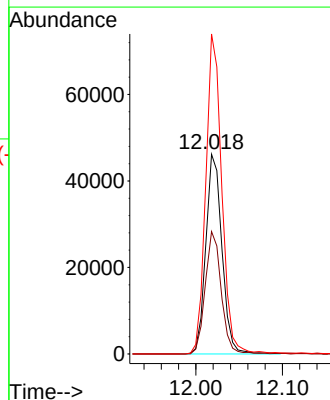
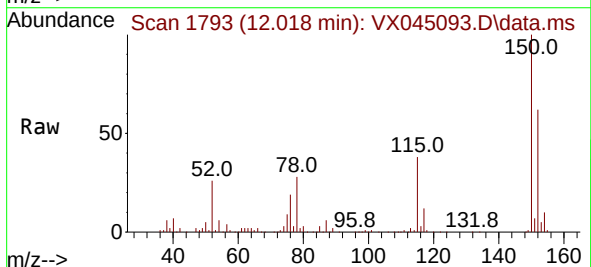
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-4

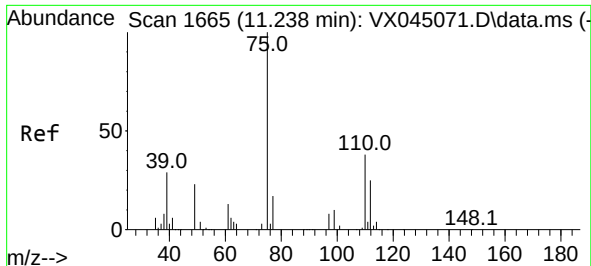
Tgt Ion:117 Resp: 143838
Ion Ratio Lower Upper
117 100
82 58.3 46.3 69.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion:152 Resp: 59939
Ion Ratio Lower Upper
152 100
115 60.5 44.2 132.6
150 158.7 0.0 349.0

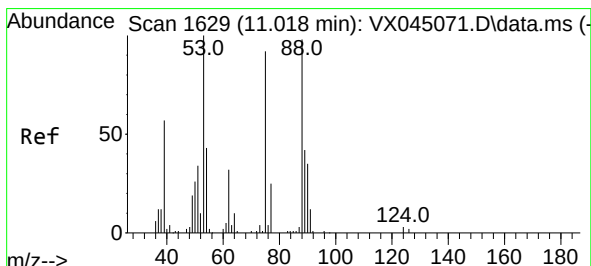
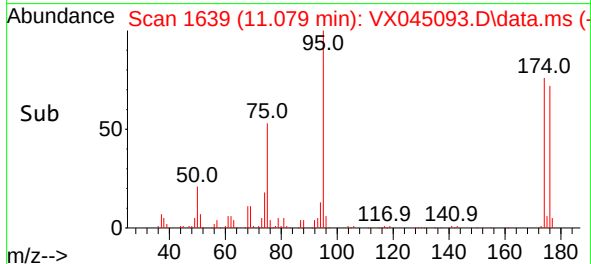
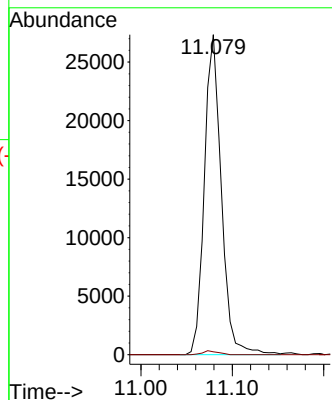
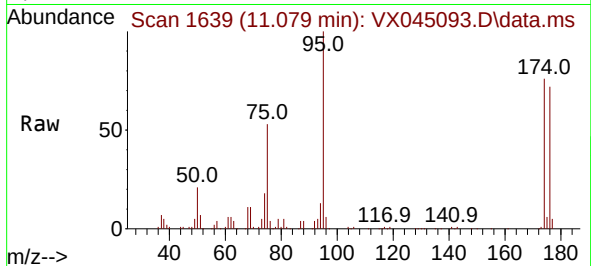




#76
1,2,3-Trichloropropane
Concen: 25.217 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-4

Tgt Ion: 75 Resp: 35180
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.298 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion: 75 Resp: 35180
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

