

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045357.D
 Acq On : 20 Mar 2025 13:40
 Operator : JC/MD
 Sample : Q1584-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Mar 21 01:47:38 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)

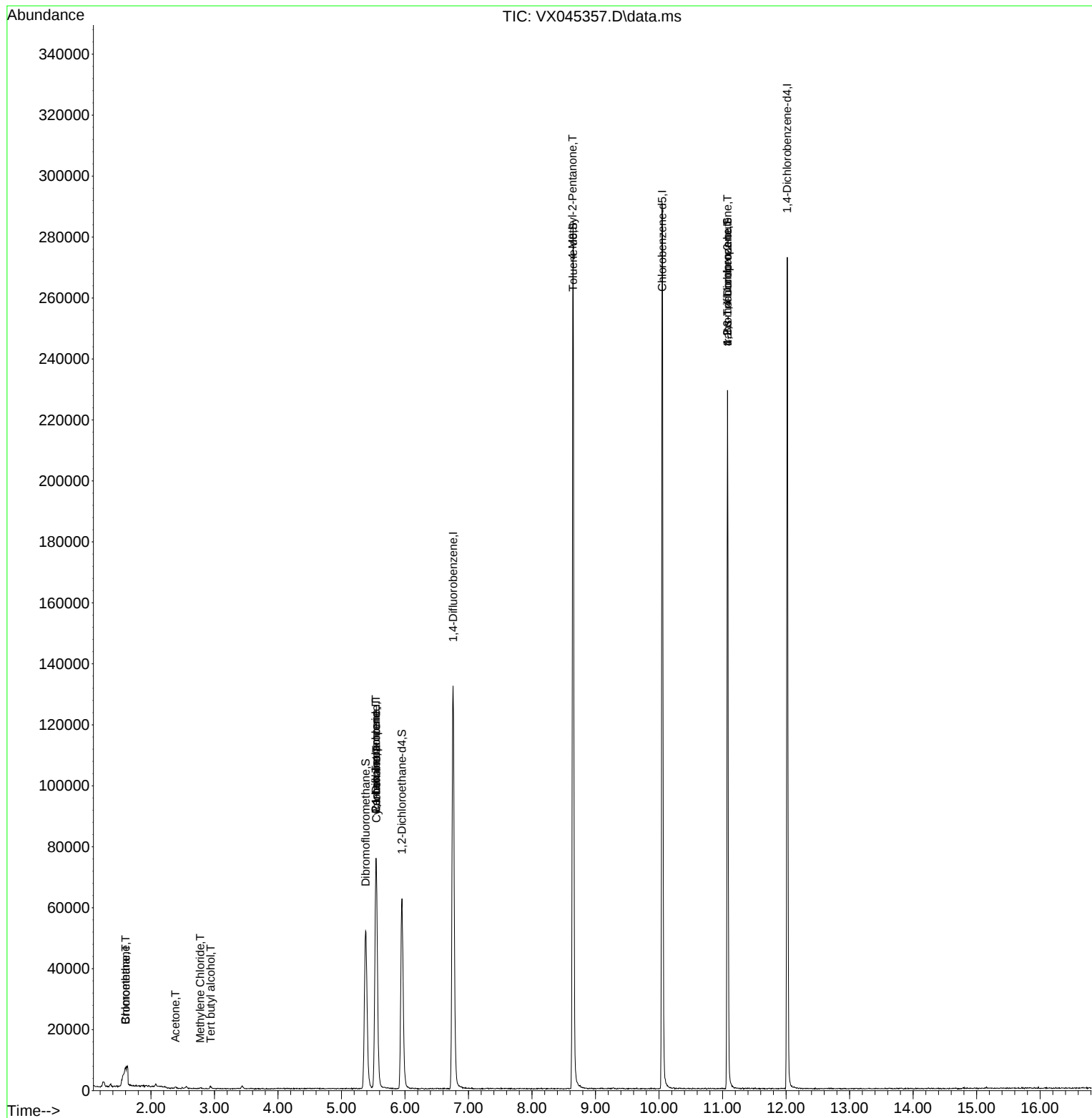
Internal Standards							
1) Pentafluorobenzene		5.544	168	66150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.757	114	131162	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.049	117	123316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.018	152	50814	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.952	65	59360	56.414	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.820%	
35) Dibromofluoromethane		5.379	113	46006	52.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.920%	
50) Toluene-d8		8.647	98	164368	51.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.380%	
62) 4-Bromofluorobenzene		11.079	95	58542	55.563	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.120%	
Target Compounds							
						Qvalue	
5) Bromomethane		1.599	94	112	0.282	ug/l #	3
6) Chloroethane		1.599	64	116	0.249	ug/l #	41
11) Tert butyl alcohol		2.941	59	221	1.109	ug/l #	73
16) Acetone		2.386	43	531	1.088	ug/l #	44
20) Methylene Chloride		2.776	84	203	0.210	ug/l #	38
31) Cyclohexane		5.550	56	1903	1.329	ug/l #	26
36) 1,1-Dichloropropene		5.544	75	6498	5.402	ug/l #	50
38) Carbon Tetrachloride		5.544	117	7538	6.173	ug/l #	18
51) 4-Methyl-2-Pentanone		8.641	43	956	0.621	ug/l #	1
76) 1,2,3-Trichloropropane		11.079	75	33169	28.045	ug/l #	36
81) trans-1,4-Dichloro-2-b...		11.079	75	33169	95.976	ug/l #	6

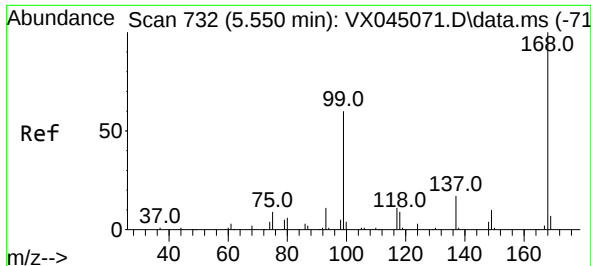
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Mar 21 01:47:38 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

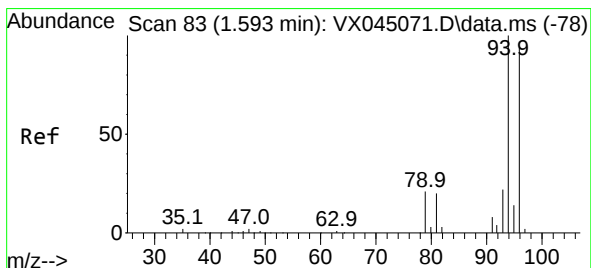
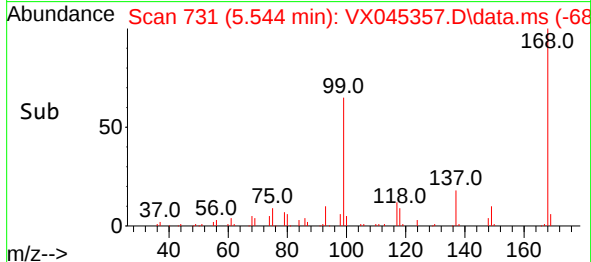
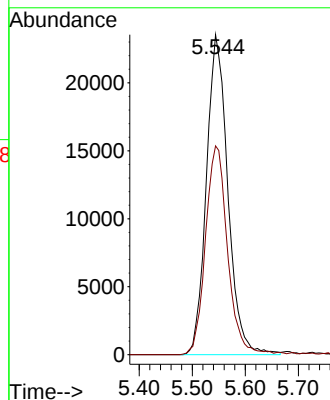
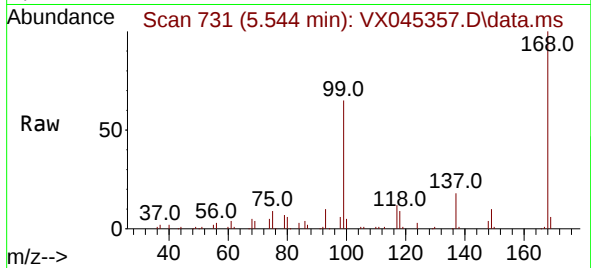




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

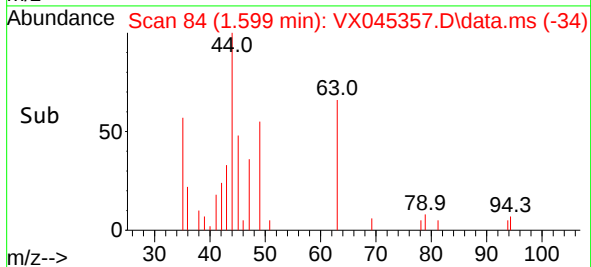
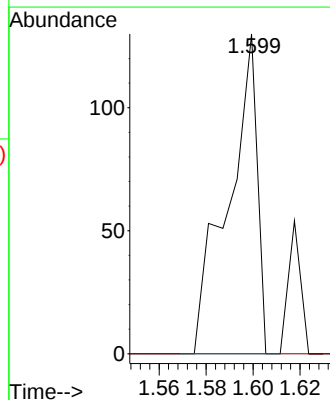
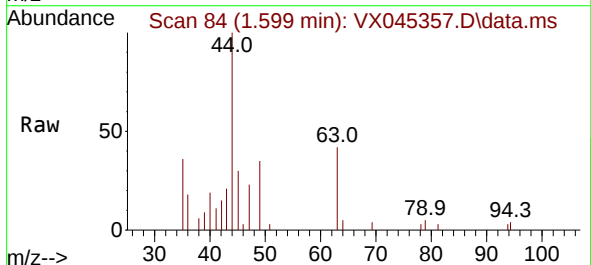
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

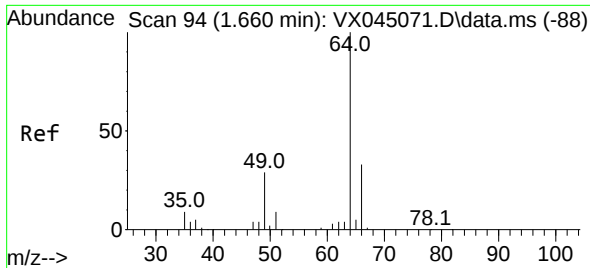
Tgt Ion:168 Resp: 66150
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.4



#5
Bromomethane
Concen: 0.282 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#

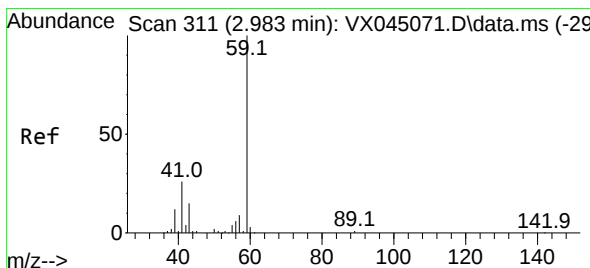
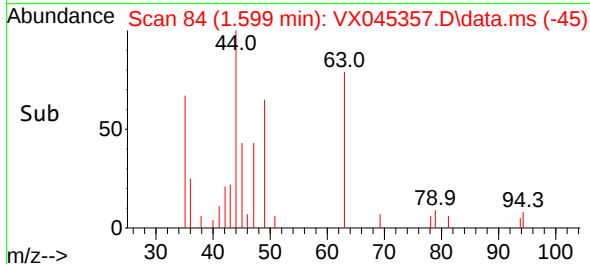
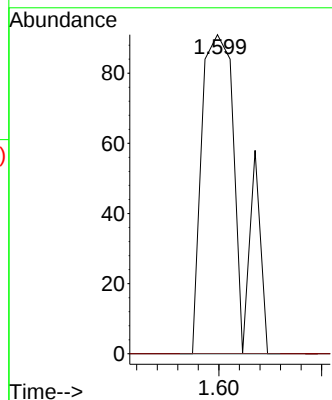
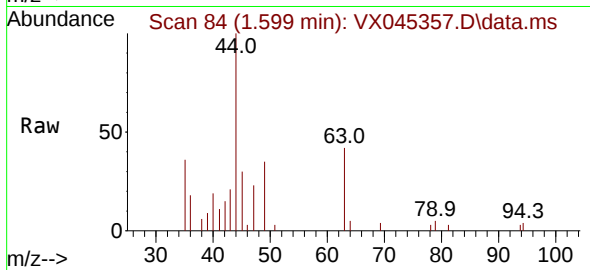




#6
Chloroethane
Concen: 0.249 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.061 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

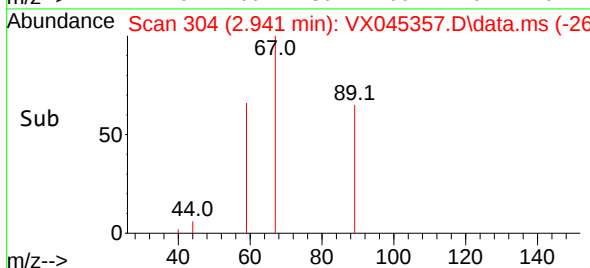
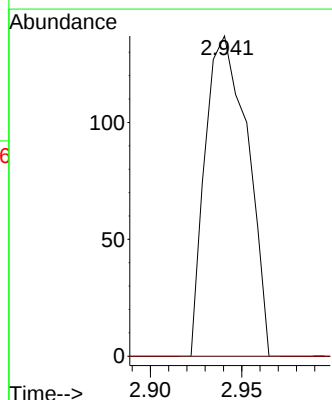
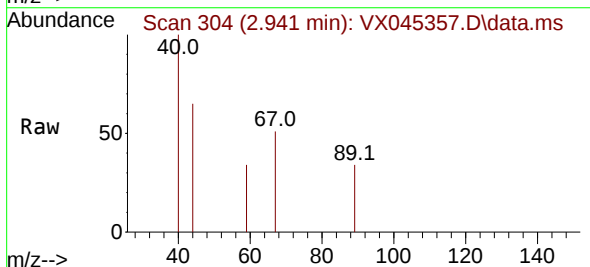
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

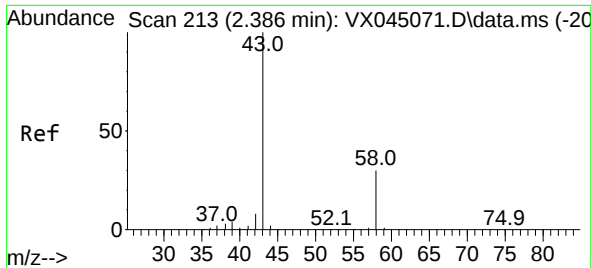
Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#11
Tert butyl alcohol
Concen: 1.109 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

Tgt Ion: 59 Resp: 221
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

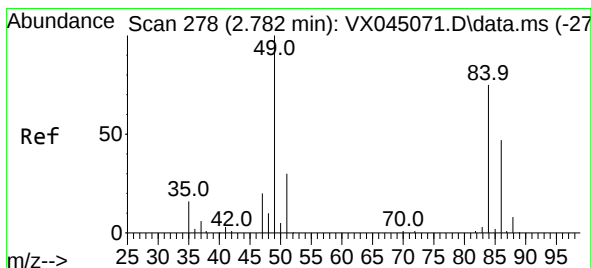
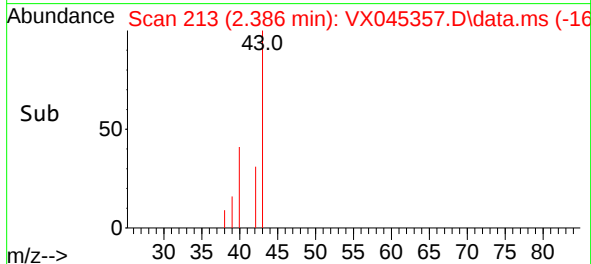
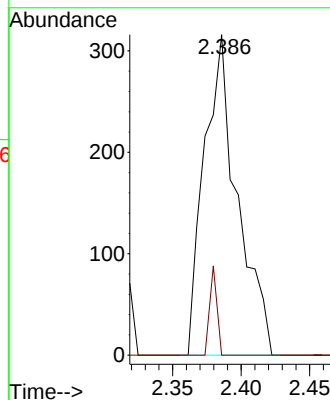
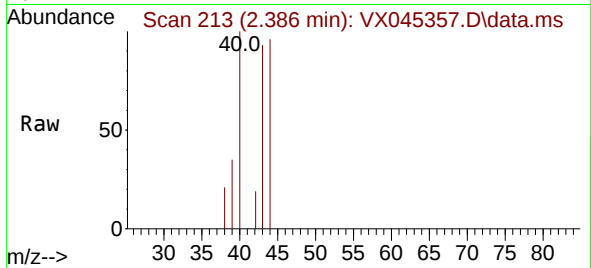




#16
Acetone
Concen: 1.088 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

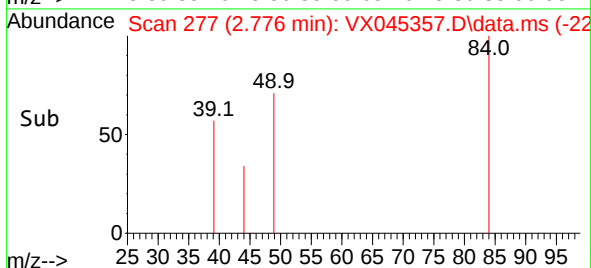
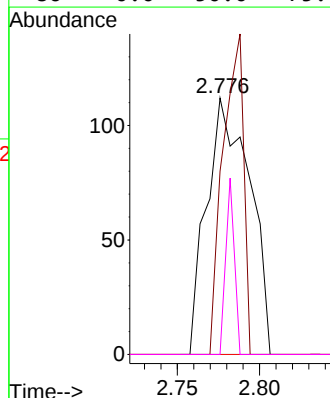
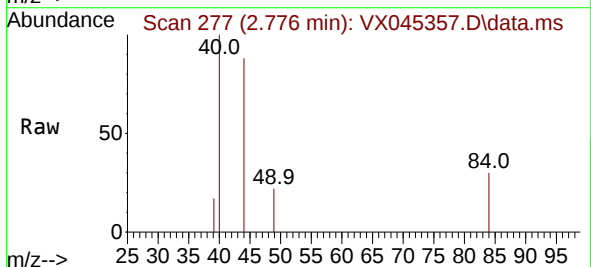
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

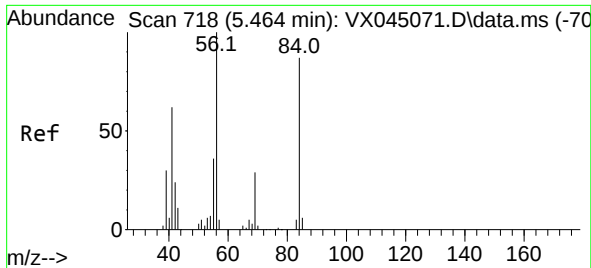
Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

Tgt Ion: 84 Resp: 203
Ion Ratio Lower Upper
84 100
49 71.4 106.5 159.7#
51 0.0 32.1 48.1#
86 0.0 50.0 75.0#

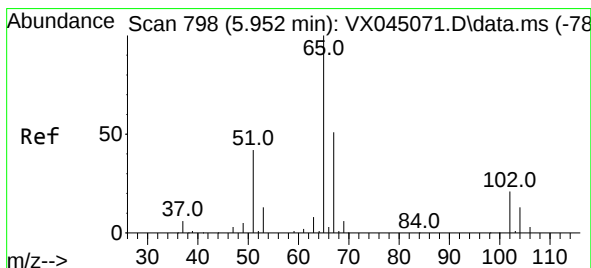
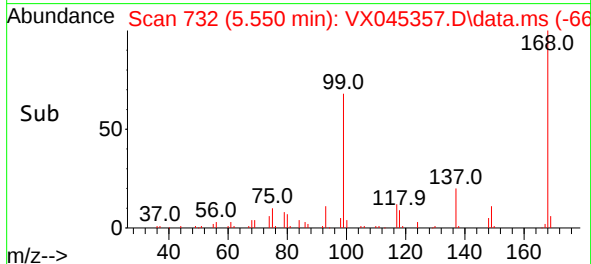
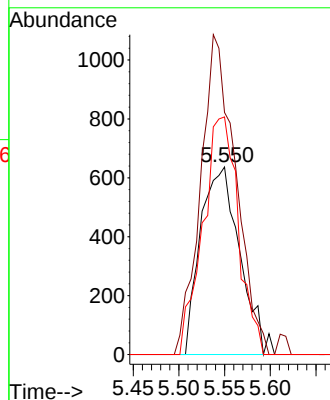
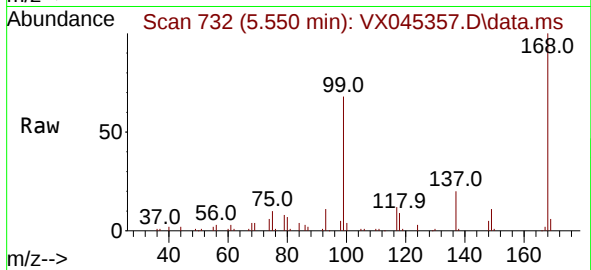




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

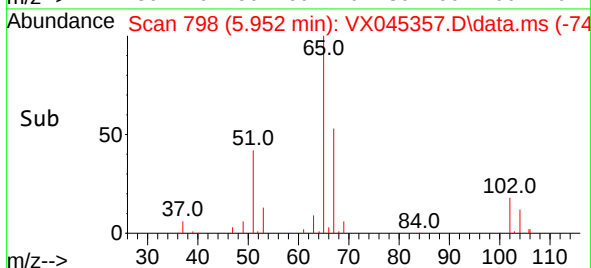
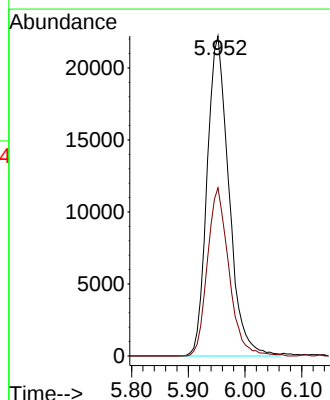
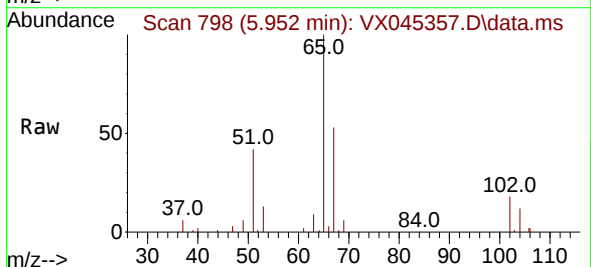
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-5

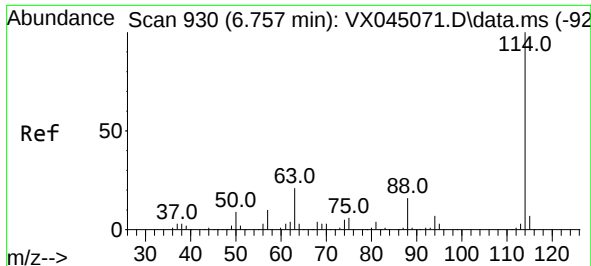
Tgt Ion: 56 Resp: 1903
Ion Ratio Lower Upper
56 100
69 118.7 23.4 35.2#
84 126.7 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 56.414 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

Tgt Ion: 65 Resp: 59360
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2

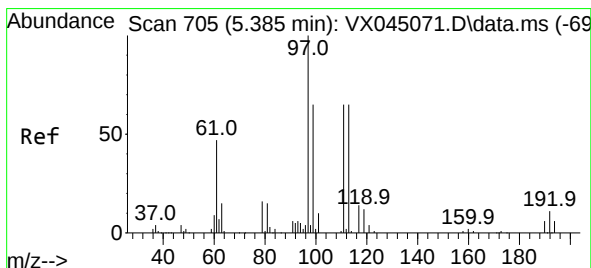
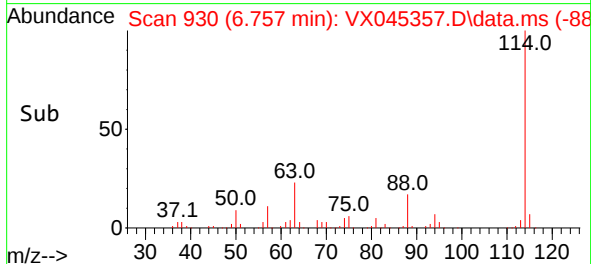
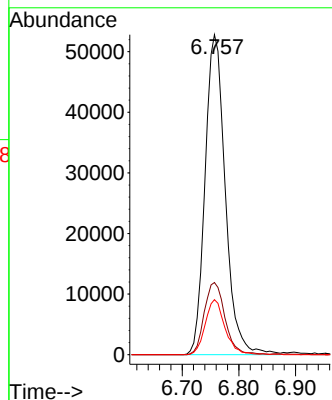
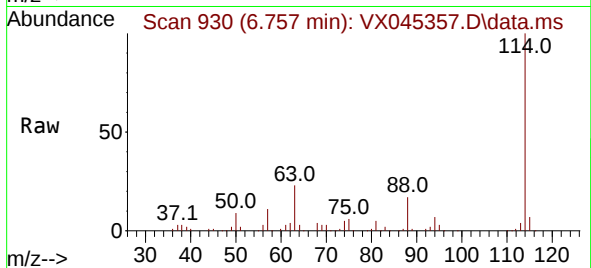




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

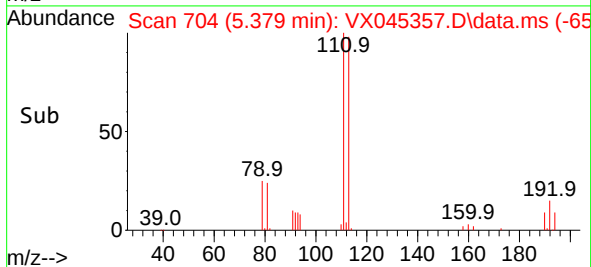
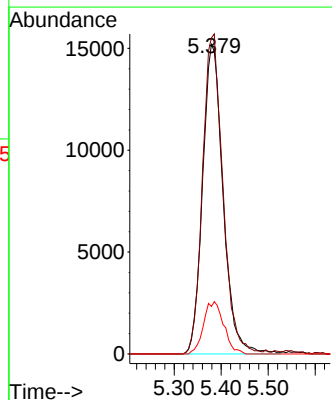
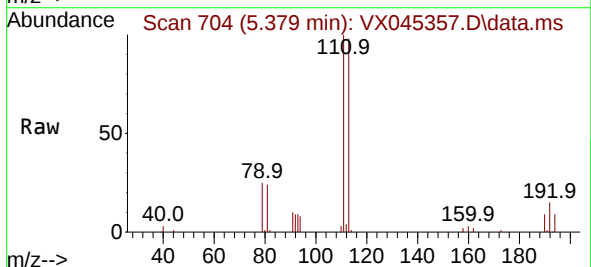
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

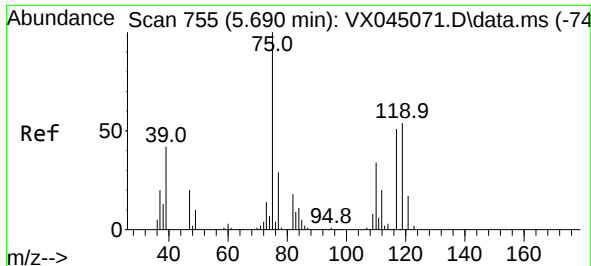
Tgt Ion:114 Resp: 131162
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.456 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

Tgt Ion:113 Resp: 46006
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 16.7 14.3 21.5

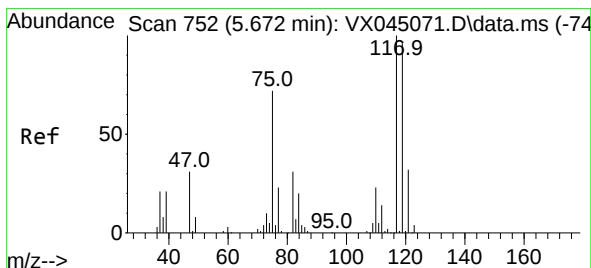
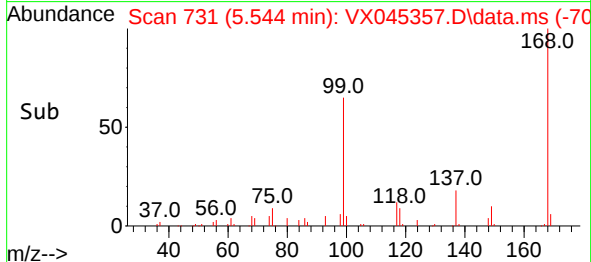
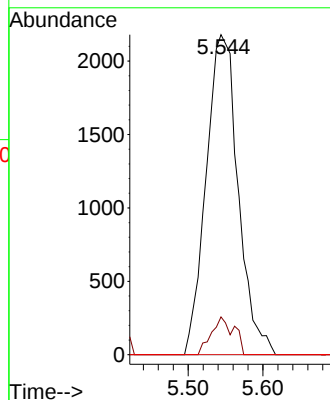
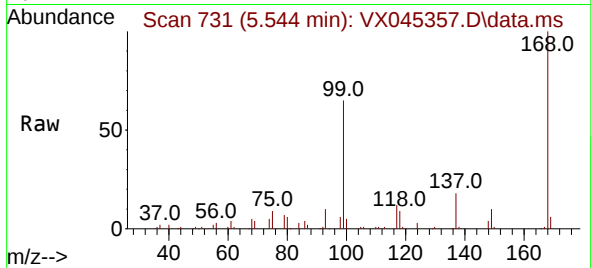




#36
1,1-Dichloropropene
Concen: 5.402 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

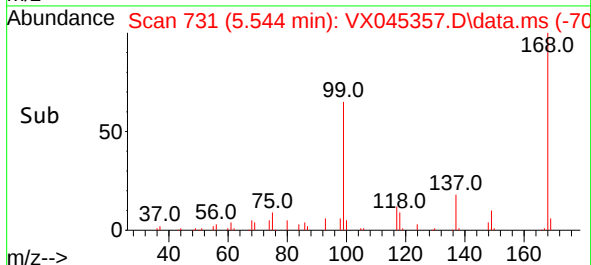
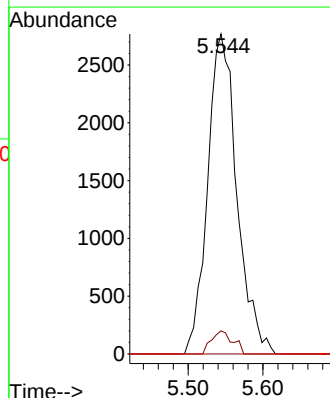
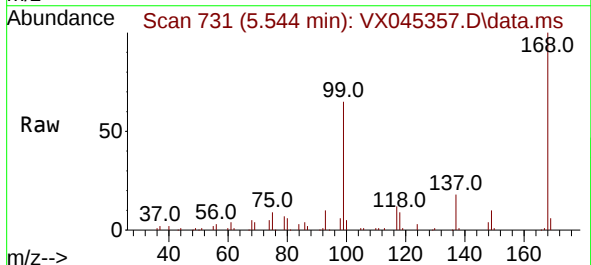
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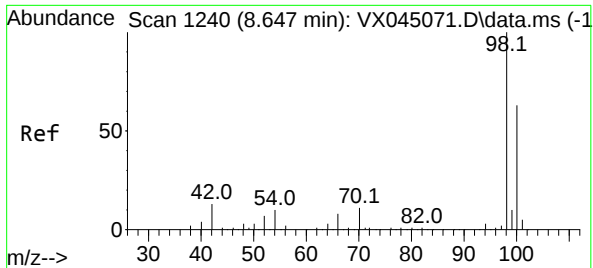
Tgt Ion: 75 Resp: 6498
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.173 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

Tgt Ion: 117 Resp: 7538
Ion Ratio Lower Upper
117 100
119 7.2 76.7 115.1#
121 0.0 25.5 38.3#

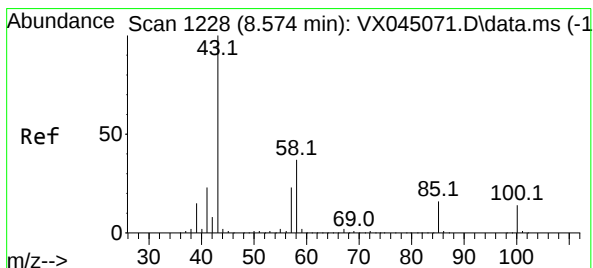
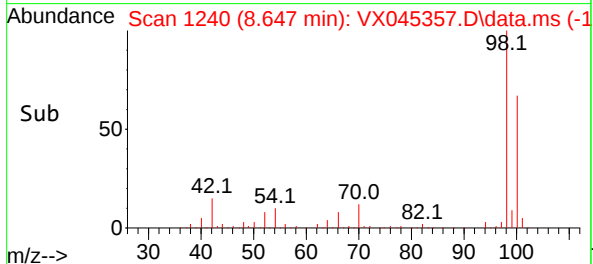
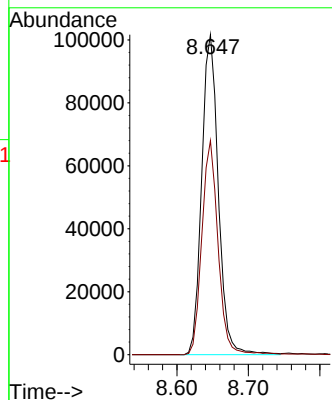
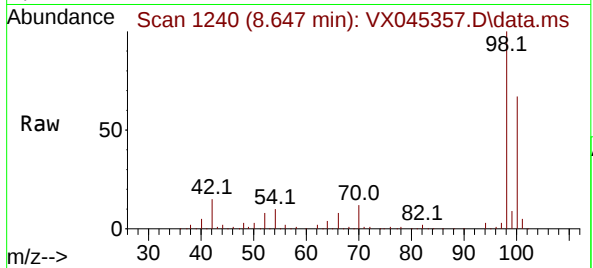




#50
Toluene-d8
Concen: 51.695 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

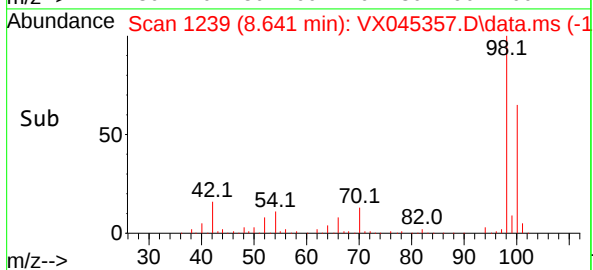
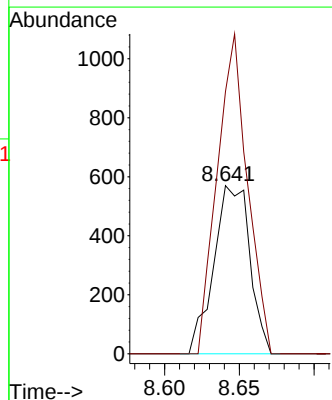
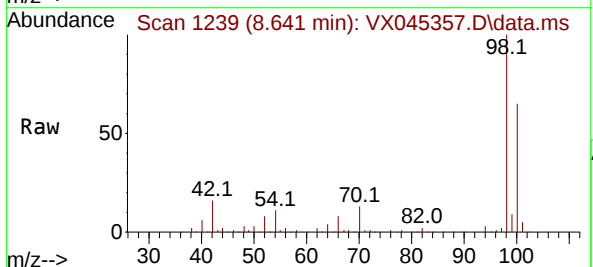
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

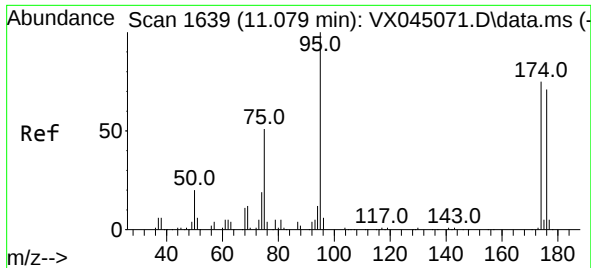
Tgt Ion: 98 Resp: 164368
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 159.7 29.2 43.8#

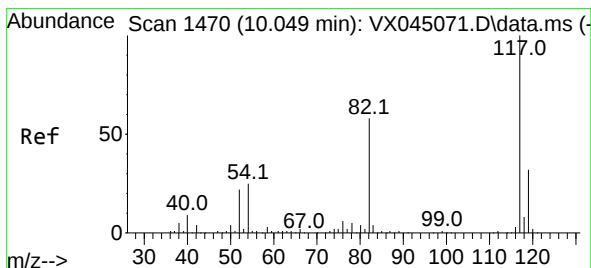
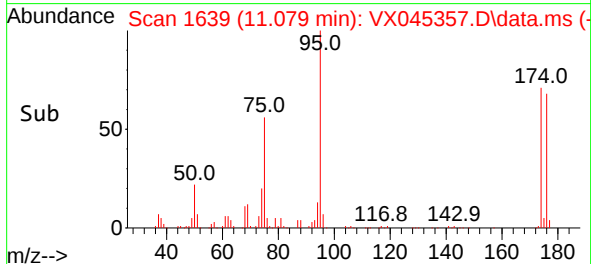
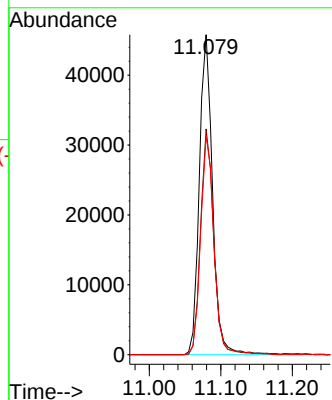
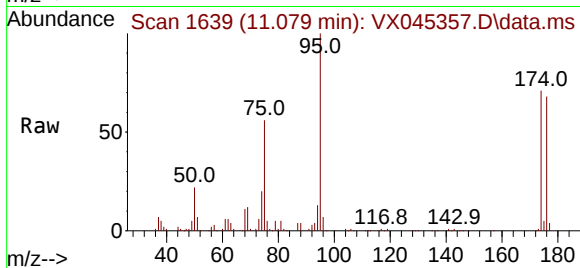




#62
4-Bromofluorobenzene
Concen: 55.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

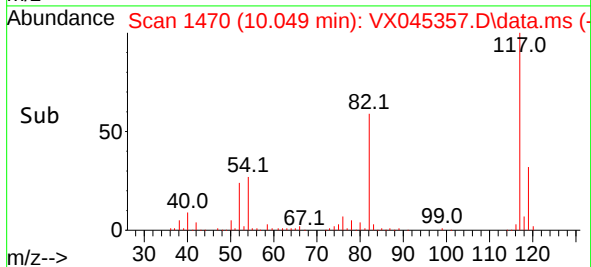
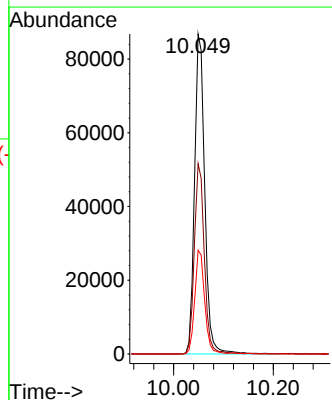
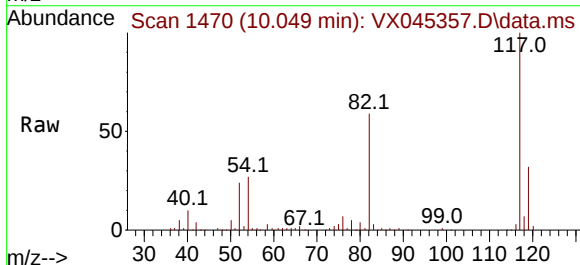
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

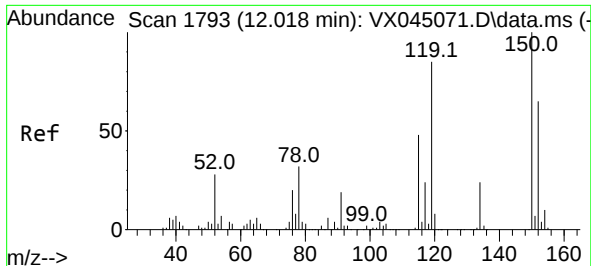
Tgt Ion: 95 Resp: 58542
Ion Ratio Lower Upper
95 100
174 70.5 0.0 148.2
176 69.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045357.D
Acq: 20 Mar 2025 13:40

Tgt Ion: 117 Resp: 123316
Ion Ratio Lower Upper
117 100
82 59.5 46.3 69.5
119 32.4 25.7 38.5

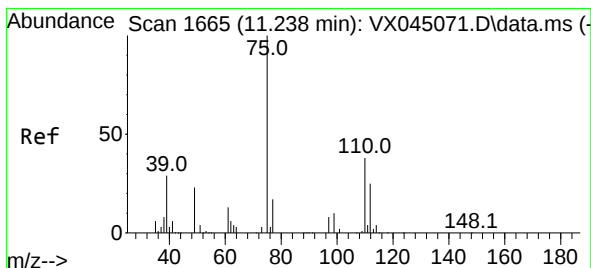
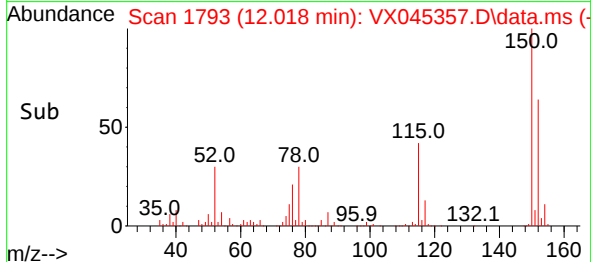
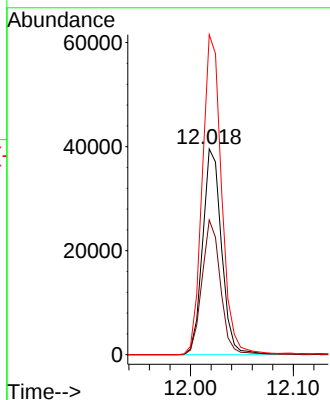
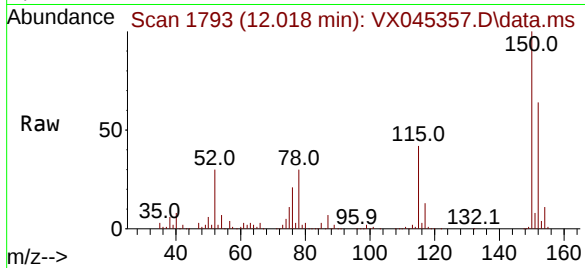




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045357.D
 Acq: 20 Mar 2025 13:40

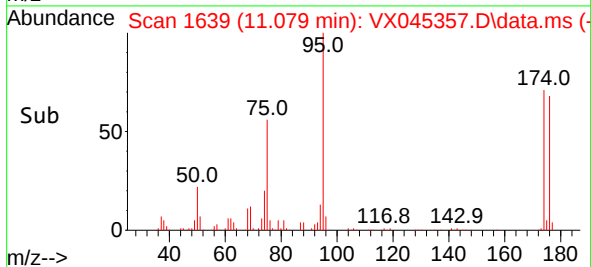
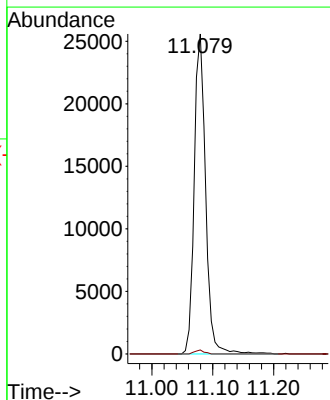
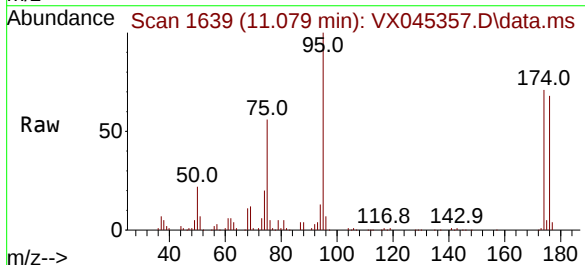
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

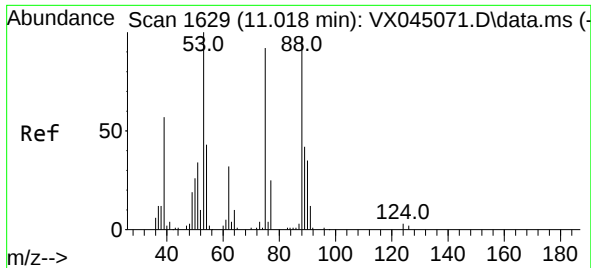
Tgt Ion:152 Resp: 50814
 Ion Ratio Lower Upper
 152 100
 115 64.2 44.2 132.6
 150 158.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.045 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045357.D
 Acq: 20 Mar 2025 13:40

Tgt Ion: 75 Resp: 33169
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.976 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX045357.D
 Acq: 20 Mar 2025 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Tgt Ion: 75 Resp: 33169
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

