

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045064.D
 Acq On : 27 Feb 2025 15:42
 Operator : JC/MD
 Sample : Q1403-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 28 00:44:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

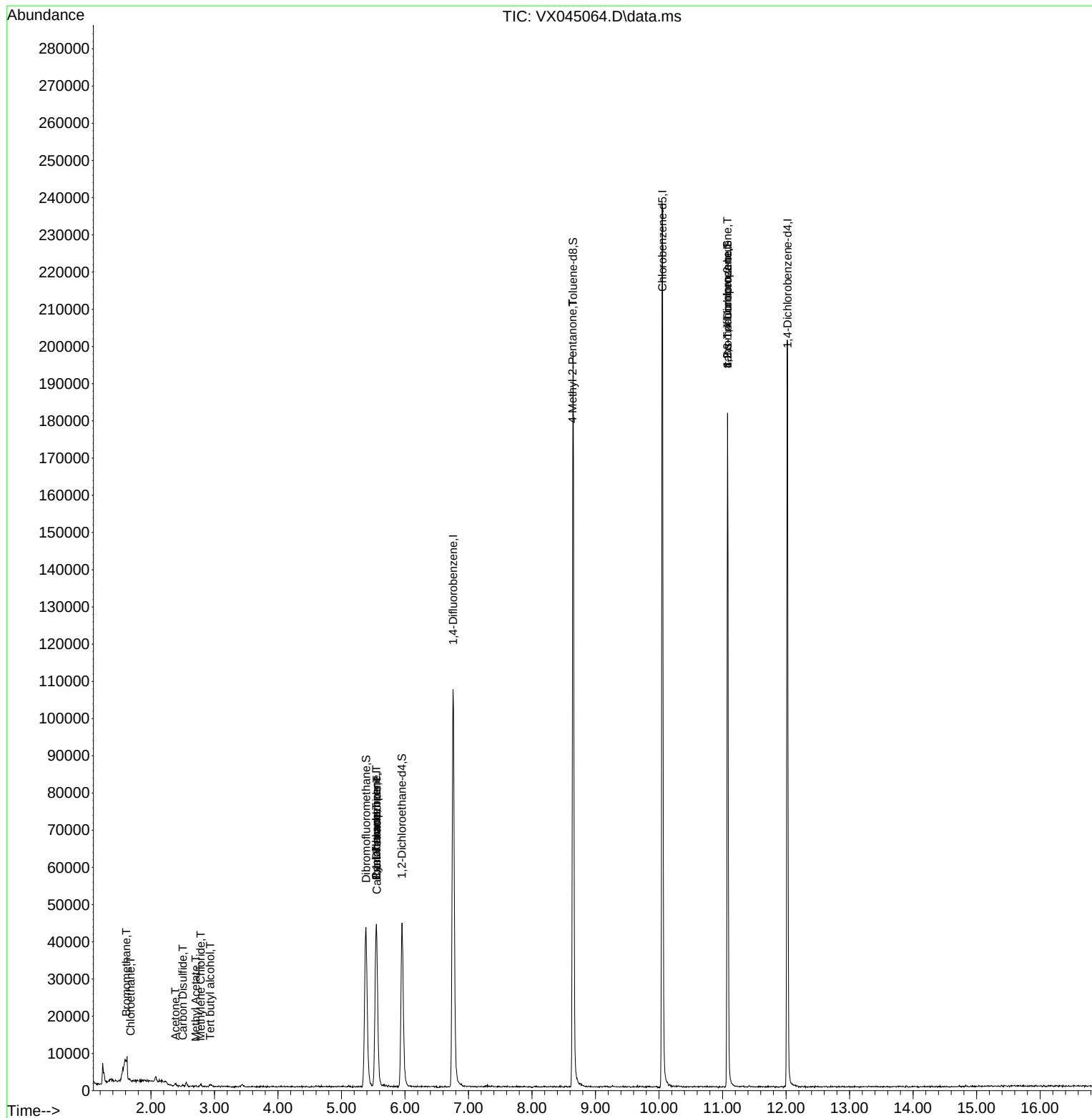
Internal Standards						
1) Pentafluorobenzene	5.550	168	42252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	109169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41094	66.442	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 132.880%#			
35) Dibromofluoromethane	5.385	113	37327	52.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.180%			
50) Toluene-d8	8.647	98	116925	43.564	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 87.120%			
62) 4-Bromofluorobenzene	11.079	95	47580	52.585	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.160%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	219	1.047	ug/l #	5
6) Chloroethane	1.679	64	71	1.551	ug/l #	42
11) Tert butyl alcohol	2.934	59	406	3.538	ug/l #	73
16) Acetone	2.386	43	567	2.280	ug/l #	80
17) Carbon Disulfide	2.502	76	365	0.244	ug/l #	76
18) Methyl Acetate	2.703	43	166	0.212	ug/l #	52
20) Methylene Chloride	2.782	84	271	0.445	ug/l #	55
31) Cyclohexane	5.550	56	1145	1.192	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	3637	3.552	ug/l #	48
38) Carbon Tetrachloride	5.556	117	4376	4.361	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	598	0.535	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	24993	27.345	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	24993	70.341	ug/l #	11

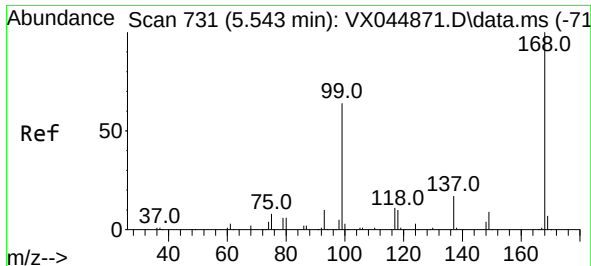
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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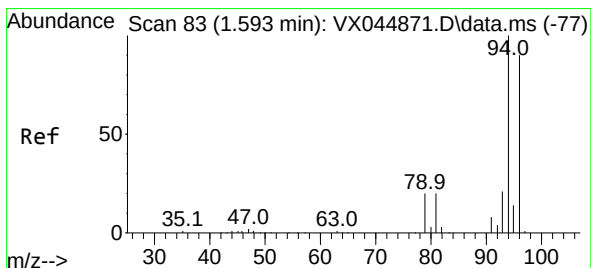
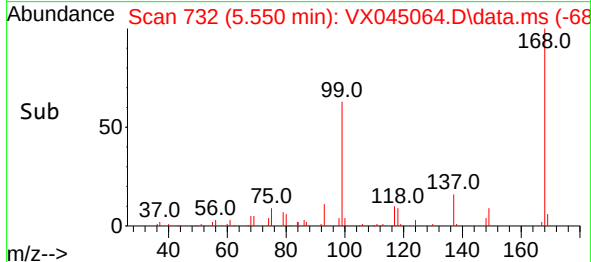
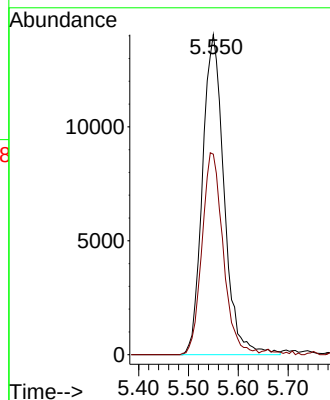
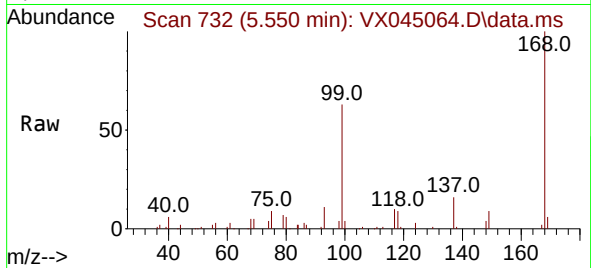




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

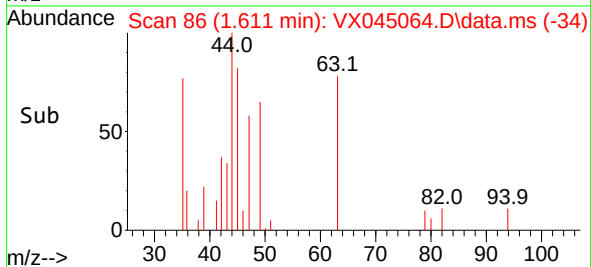
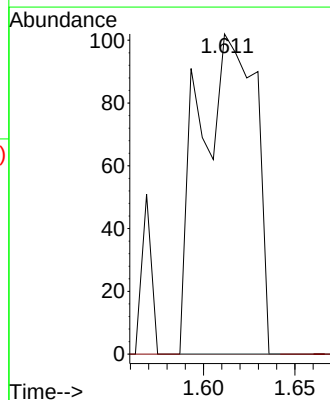
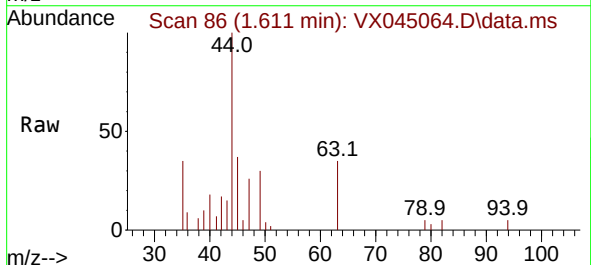
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

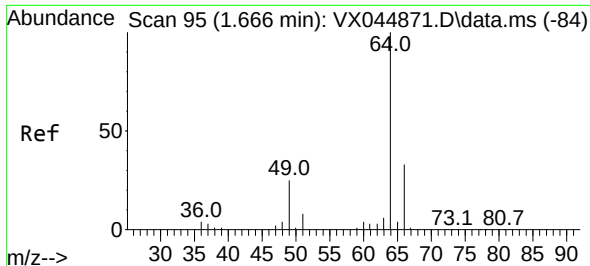
Tgt Ion:168 Resp: 42252
Ion Ratio Lower Upper
168 100
99 62.6 51.2 76.8



#5
Bromomethane
Concen: 1.047 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.019 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 0.0 71.6 107.4

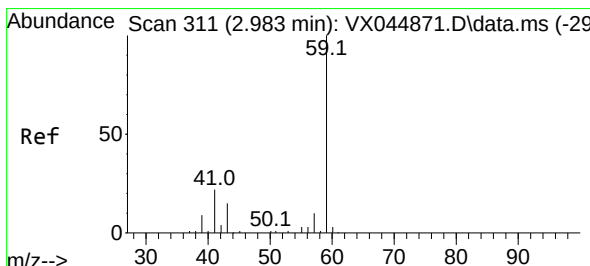
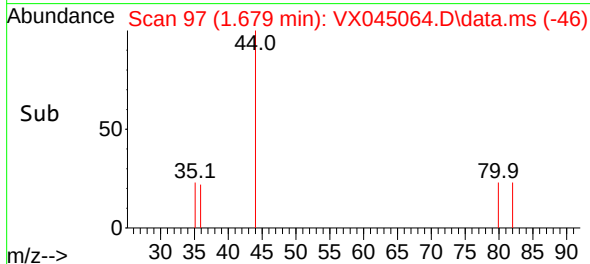
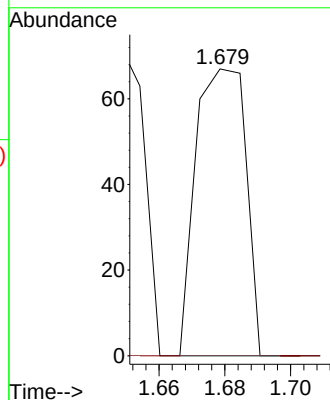
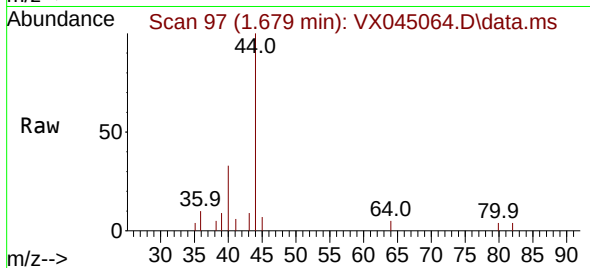




#6
Chloroethane
Concen: 1.551 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

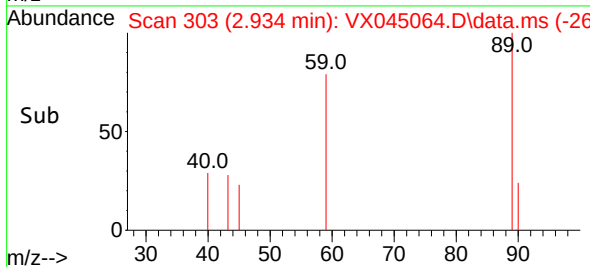
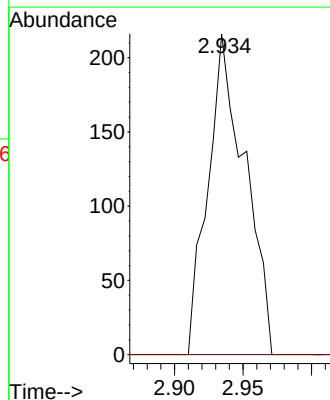
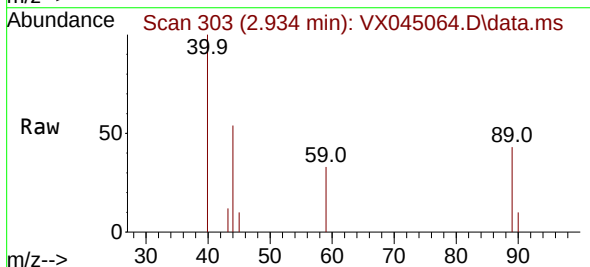
Instrument :
MSVOA_X
ClientSampleId :
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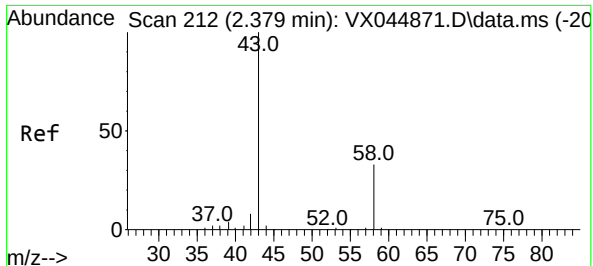
Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 3.538 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.048 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion: 59 Resp: 406
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

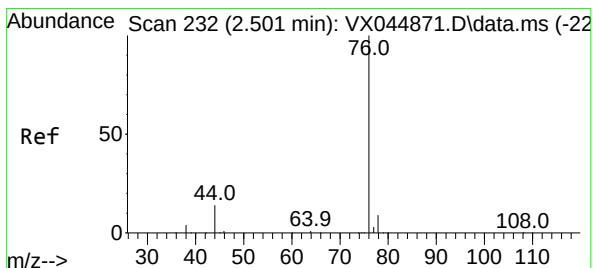
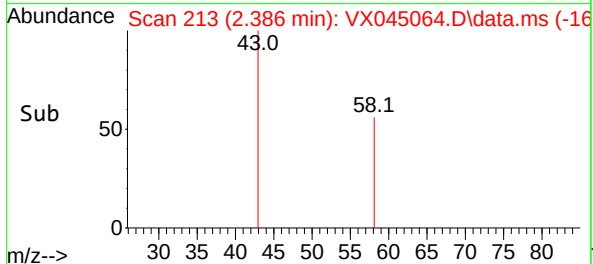
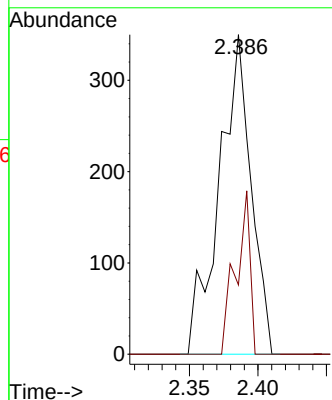
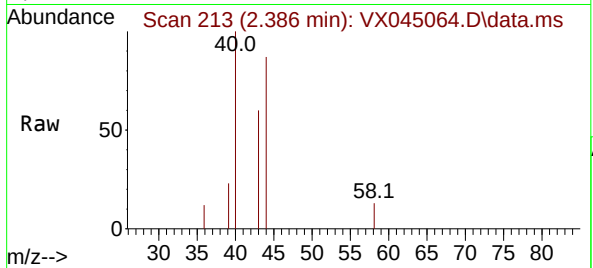




#16
Acetone
Concen: 2.280 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

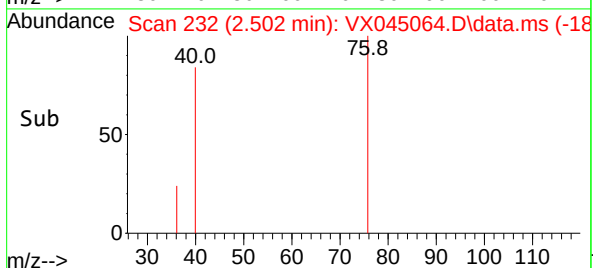
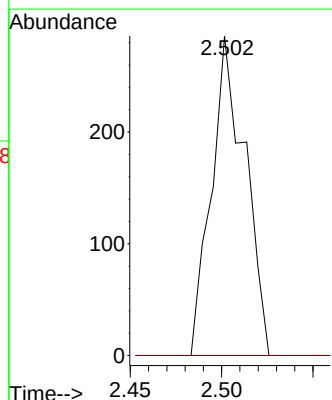
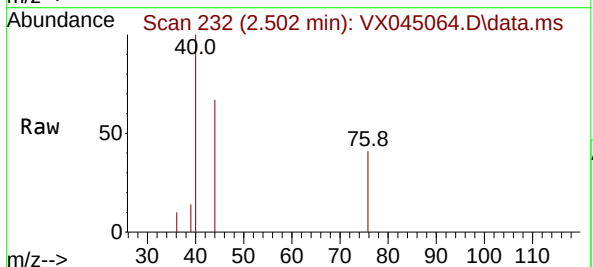
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

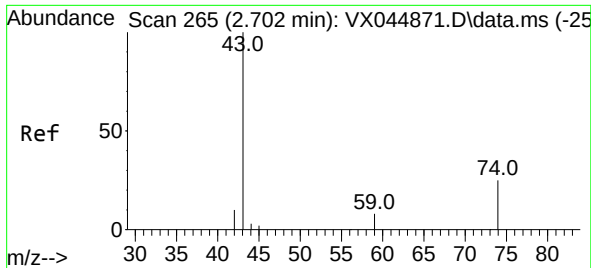
Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
58 21.7 26.5 39.7#



#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion: 76 Resp: 365
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

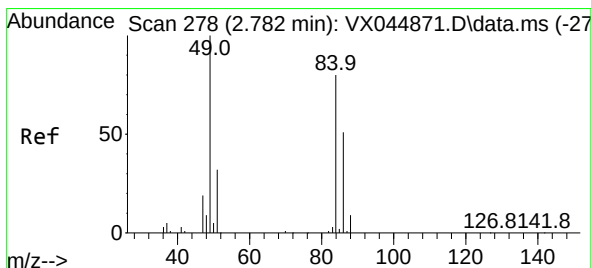
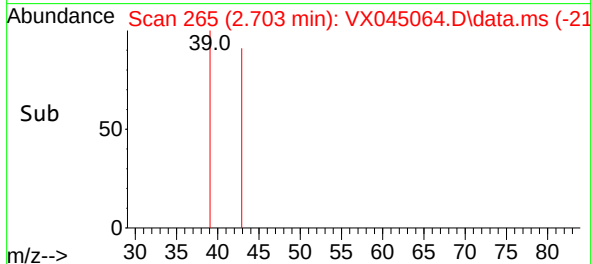
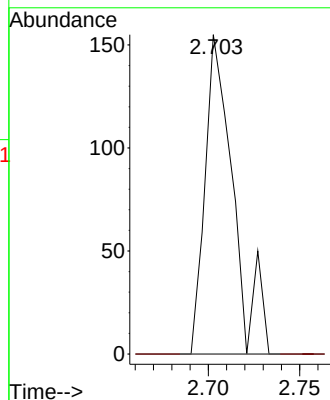
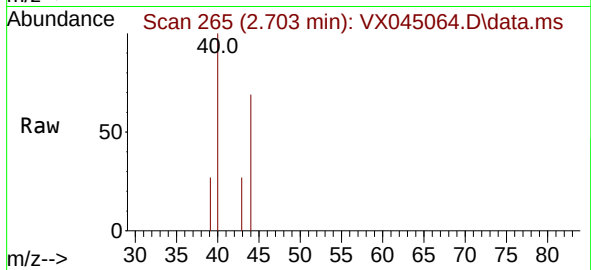




#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

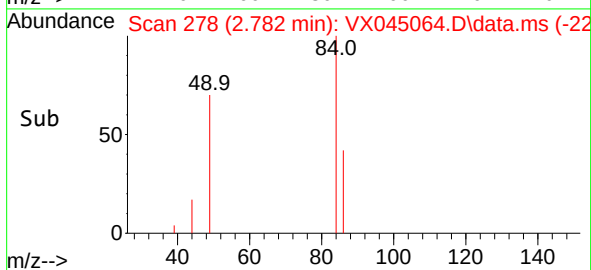
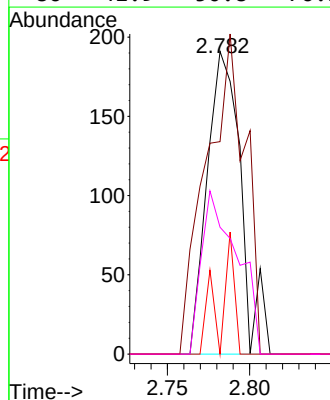
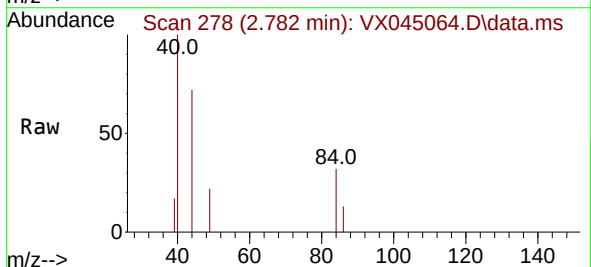
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

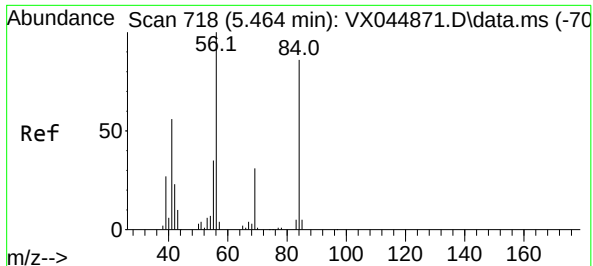
Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion: 84 Resp: 271
Ion Ratio Lower Upper
84 100
49 70.2 100.1 150.1#
51 0.0 31.7 47.5#
86 41.9 50.8 76.2#

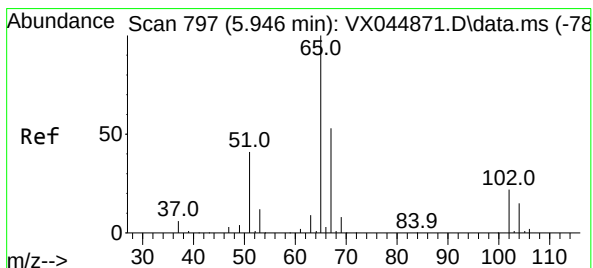
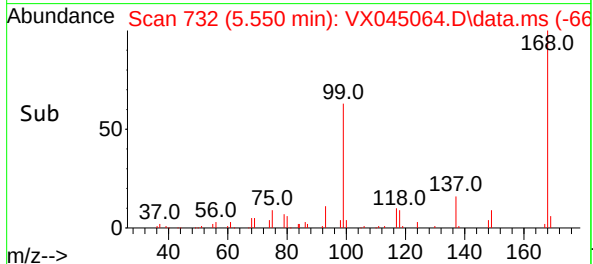
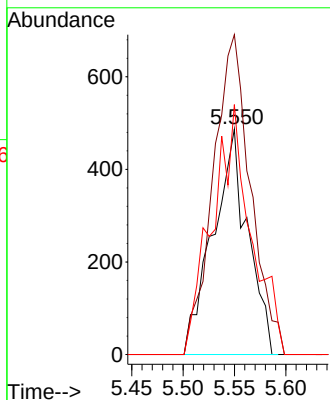
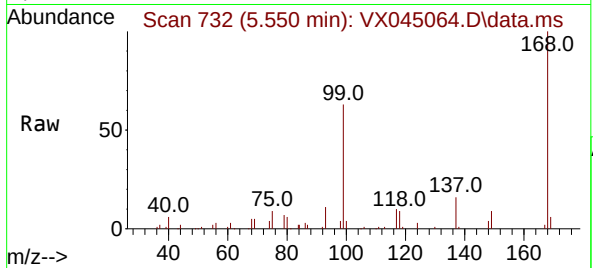




#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

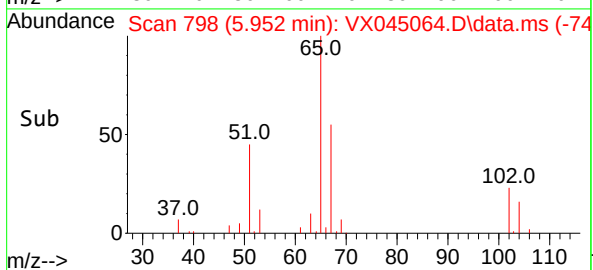
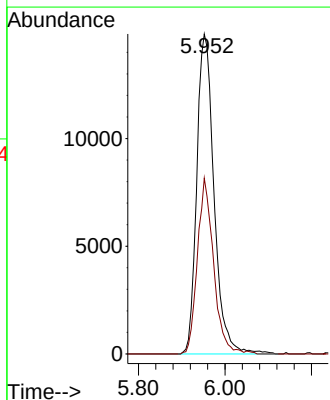
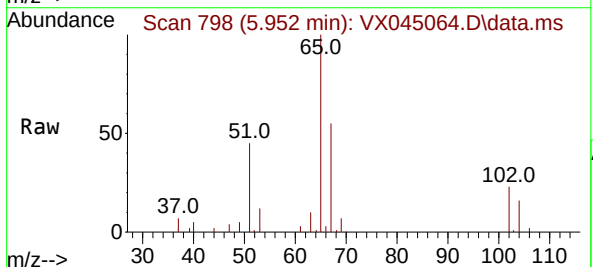
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ClientSampleId :
Storage-Blank-WATER-REF-4

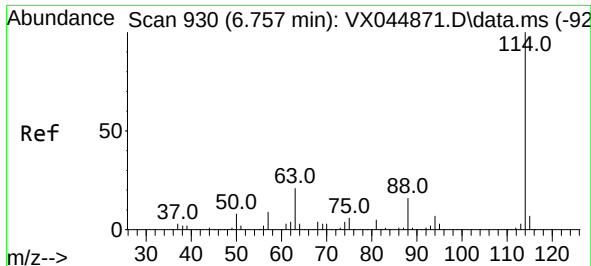
Tgt Ion: 56 Resp: 1145
Ion Ratio Lower Upper
56 100
69 141.9 24.4 36.6#
84 110.9 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 66.442 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion: 65 Resp: 41094
Ion Ratio Lower Upper
65 100
67 51.4 0.0 108.2

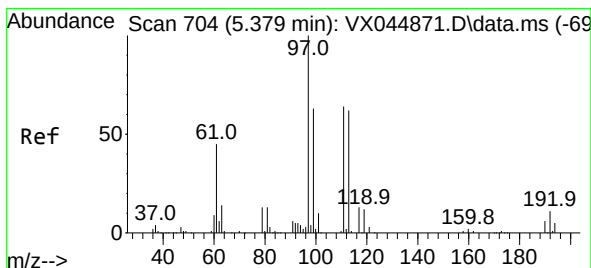
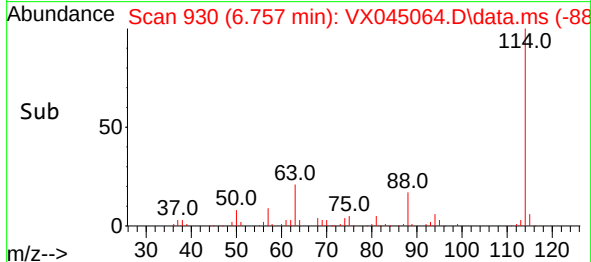
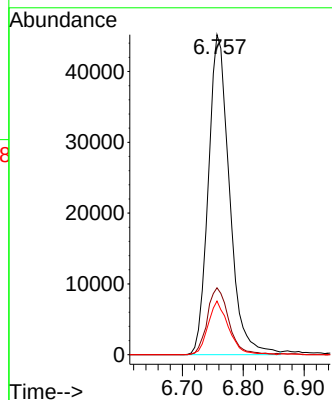
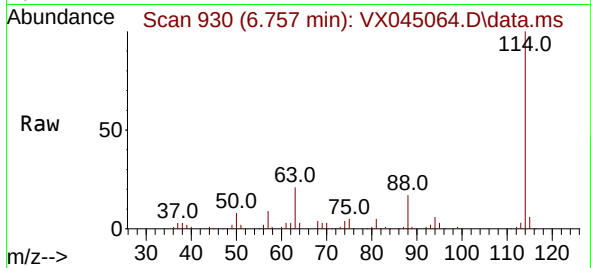




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045064.D
 Acq: 27 Feb 2025 15:42

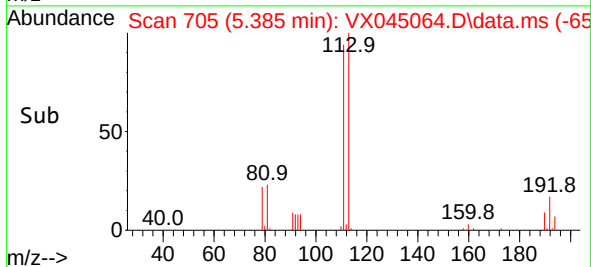
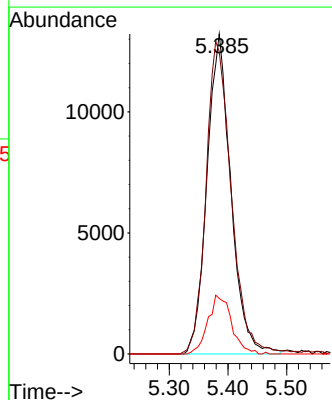
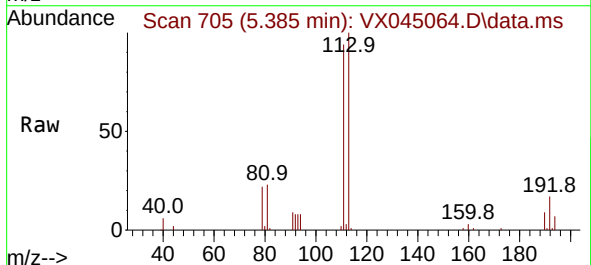
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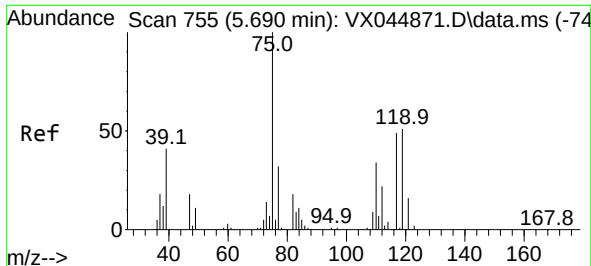
Tgt Ion:114 Resp: 109169
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 16.8 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 52.590 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045064.D
 Acq: 27 Feb 2025 15:42

Tgt Ion:113 Resp: 37327
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.5 125.3
 192 18.1 14.4 21.6

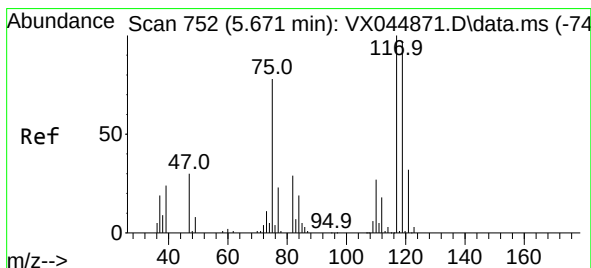
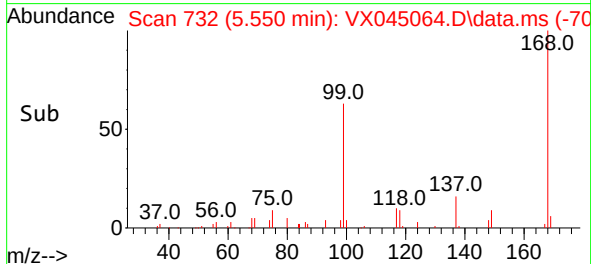
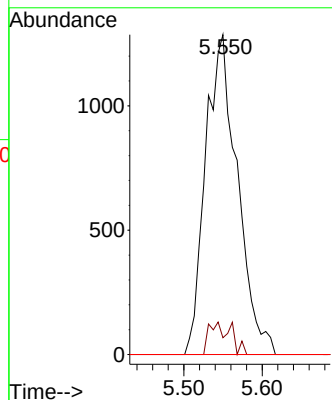
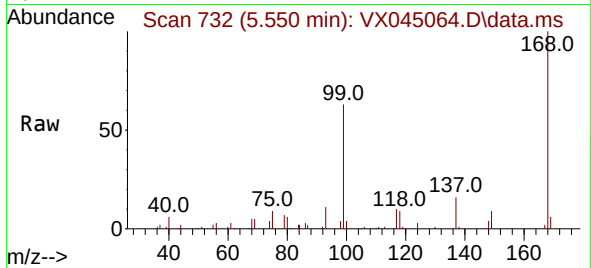




#36
1,1-Dichloropropene
Concen: 3.552 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

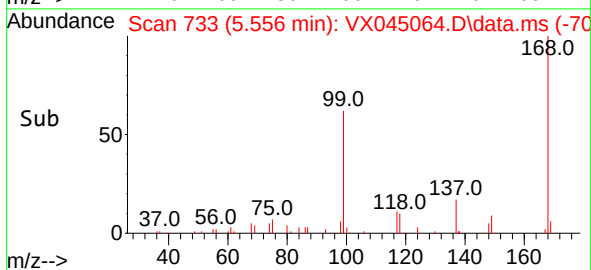
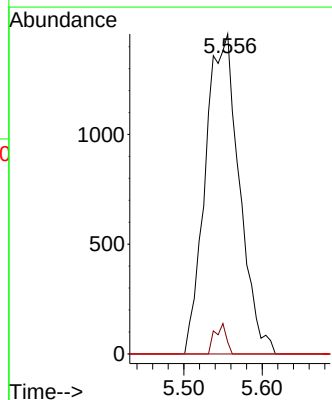
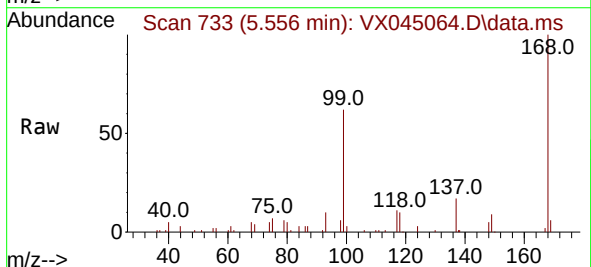
Instrument :
MSVOA_X
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Storage-Blank-WATER-REF-4

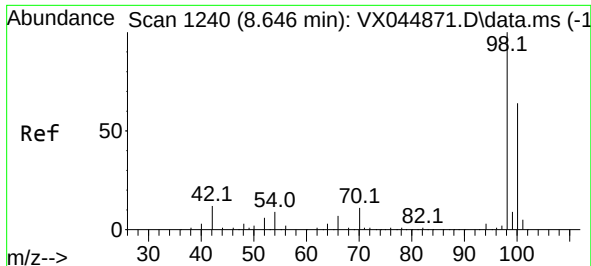
Tgt Ion: 75 Resp: 3637
Ion Ratio Lower Upper
75 100
110 6.9 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.361 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion: 117 Resp: 4376
Ion Ratio Lower Upper
117 100
119 3.7 77.5 116.3#
121 0.0 25.6 38.4#

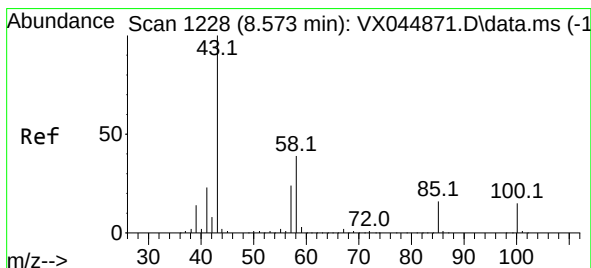
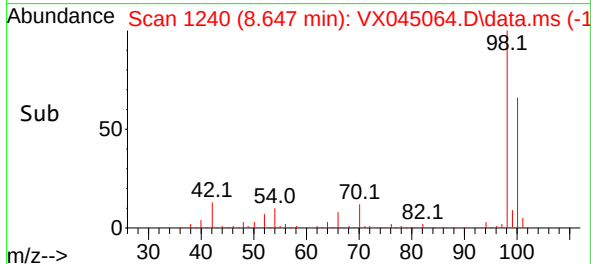
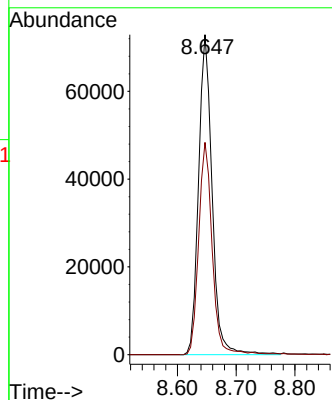
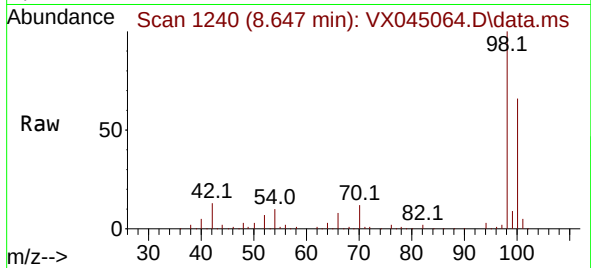




#50
Toluene-d8
Concen: 43.564 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

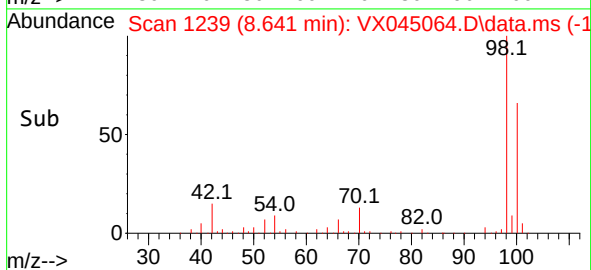
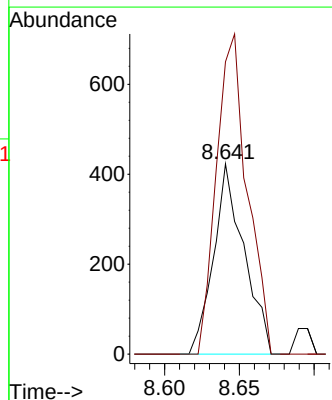
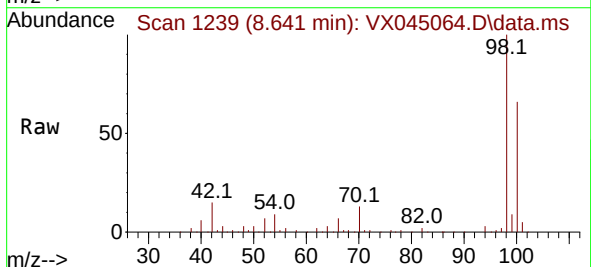
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

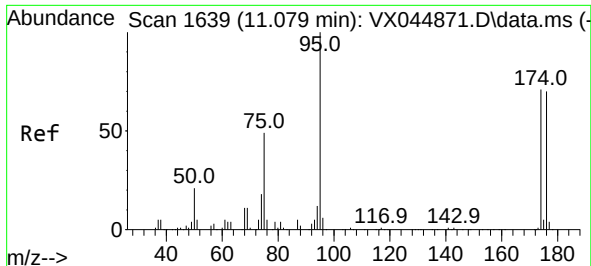
Tgt Ion: 98 Resp: 116925
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
58 170.9 30.8 46.2#

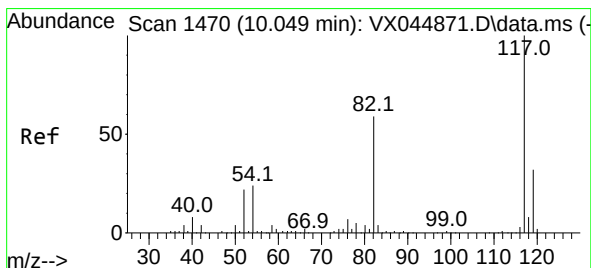
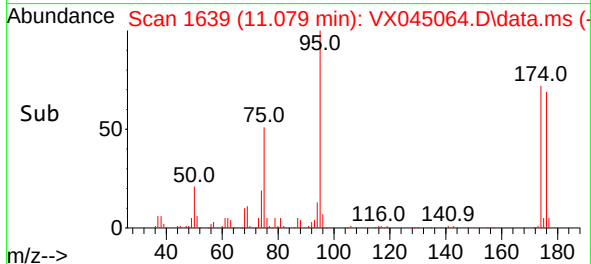
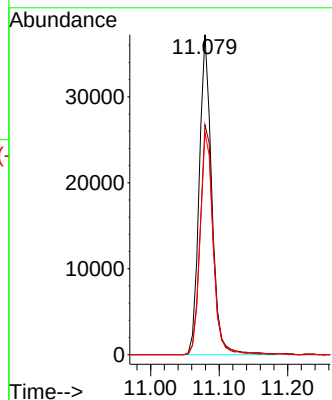
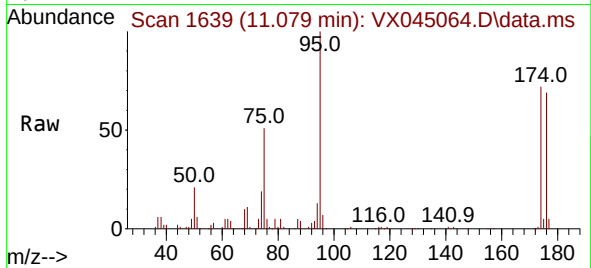




#62
4-Bromofluorobenzene
Concen: 52.585 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

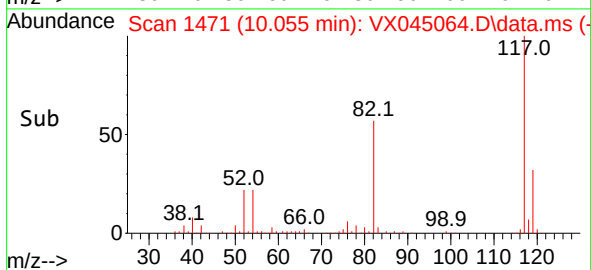
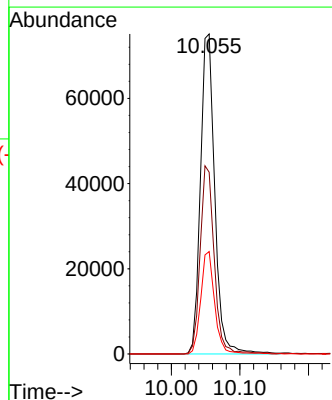
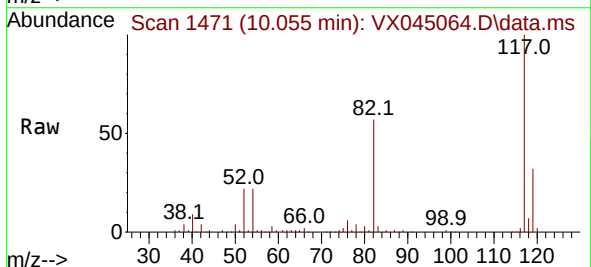
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

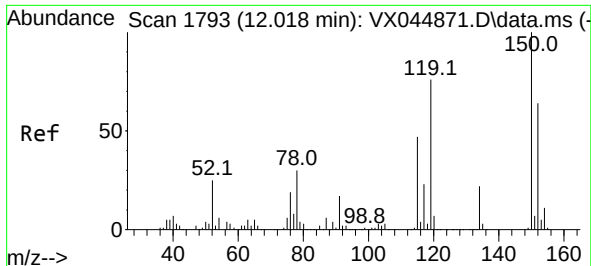
Tgt Ion: 95 Resp: 47580
Ion Ratio Lower Upper
95 100
174 74.3 0.0 142.6
176 72.7 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045064.D
Acq: 27 Feb 2025 15:42

Tgt Ion: 117 Resp: 109488
Ion Ratio Lower Upper
117 100
82 56.8 47.5 71.3
119 32.0 25.4 38.0

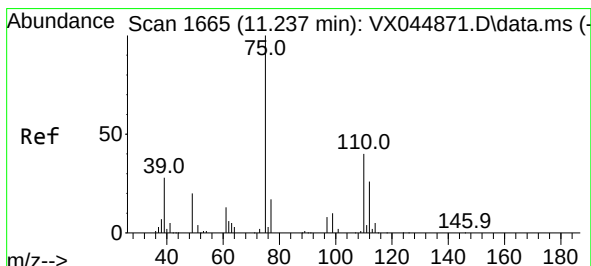
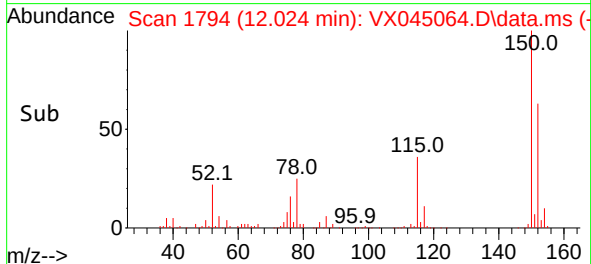
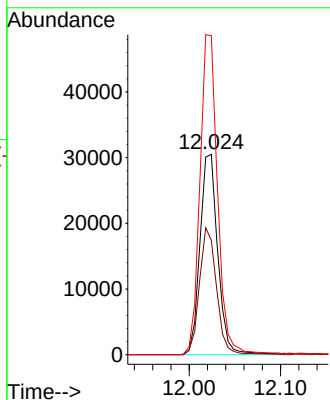
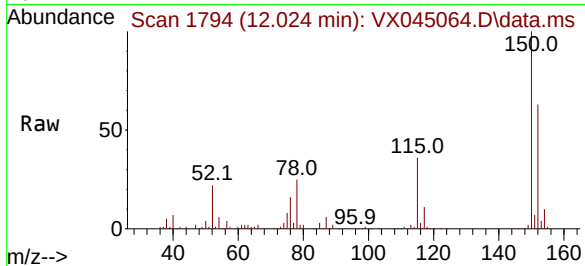




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045064.D
 Acq: 27 Feb 2025 15:42

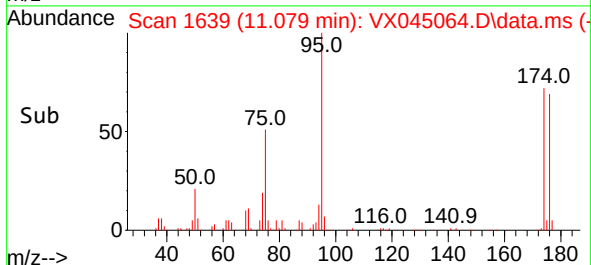
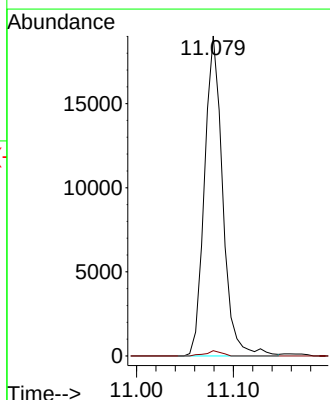
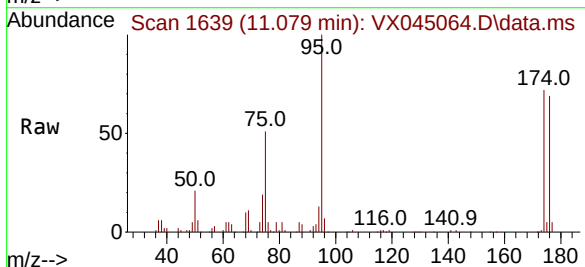
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

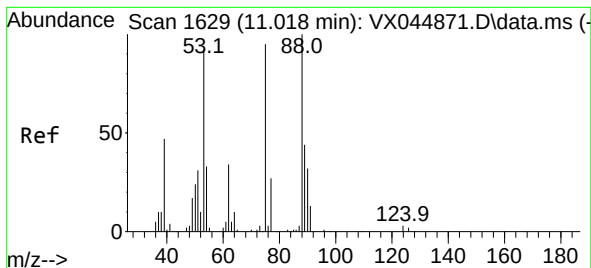
Tgt Ion:152 Resp: 41224
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.4 130.1
 150 158.2 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 27.345 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045064.D
 Acq: 27 Feb 2025 15:42

Tgt Ion: 75 Resp: 24993
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.9 65.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 70.341 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX045064.D

Acq: 27 Feb 2025 15:42

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

Tgt Ion: 75 Resp: 24993

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 36.6 54.8#

