

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045674.D
 Acq On : 09 Apr 2025 14:33
 Operator : JC/MD
 Sample : Q1729-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 10 01:35:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

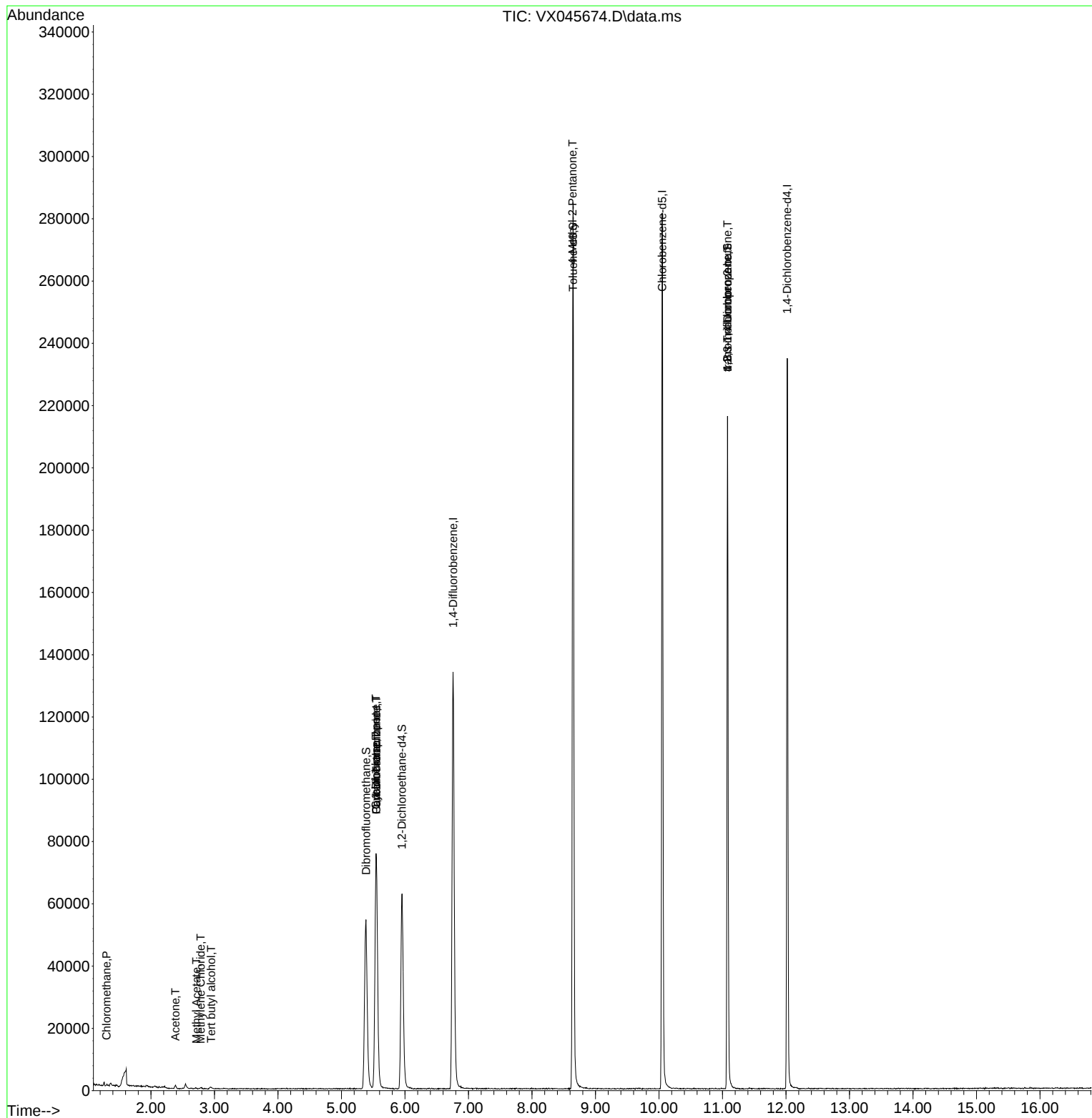
Internal Standards						
1) Pentafluorobenzene	5.550	168	65035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	112707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64053	53.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.720%		
35) Dibromofluoromethane	5.385	113	46234	51.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.540%		
50) Toluene-d8	8.647	98	158645	50.890	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 101.780%		
62) 4-Bromofluorobenzene	11.079	95	55228	48.637	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 97.280%		
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	539	0.539	ug/l	99
11) Tert butyl alcohol	2.947	59	305	1.908	ug/l #	72
16) Acetone	2.386	43	1180	2.416	ug/l	91
18) Methyl Acetate	2.715	43	412	0.366	ug/l #	86
20) Methylene Chloride	2.782	84	210	0.230	ug/l #	50
31) Cyclohexane	5.544	56	2128	1.459	ug/l #	49
36) 1,1-Dichloropropene	5.544	75	6612	5.483	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7466	5.729	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	955	0.625	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32482	30.870	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32482	104.770	ug/l #	1

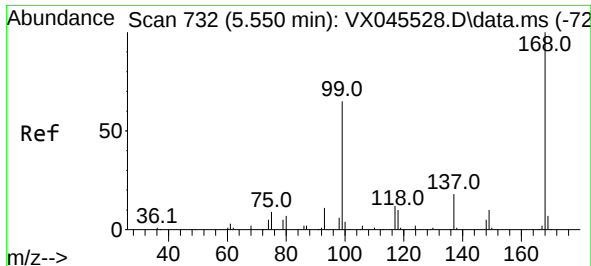
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 10 01:35:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

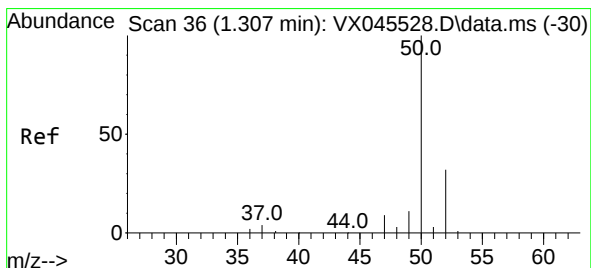
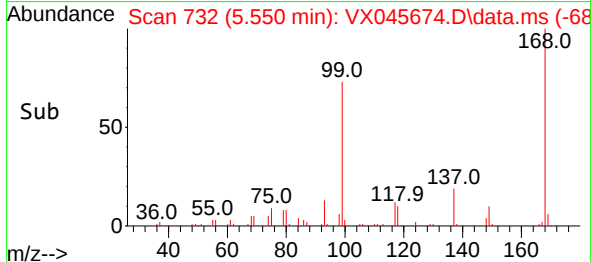
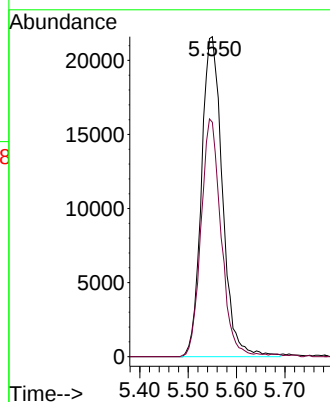
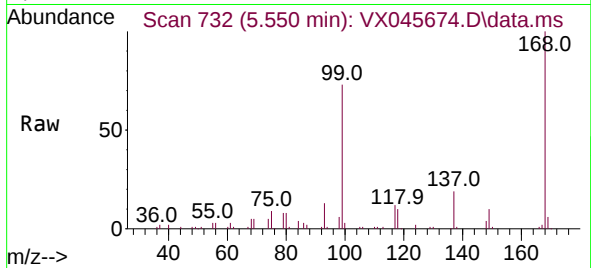




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

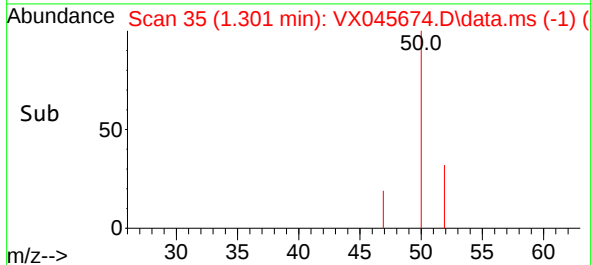
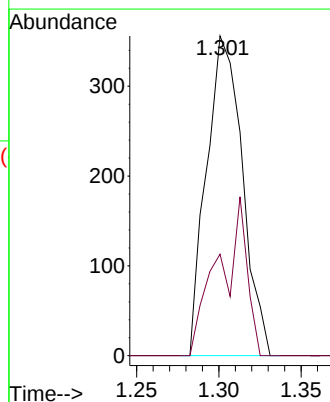
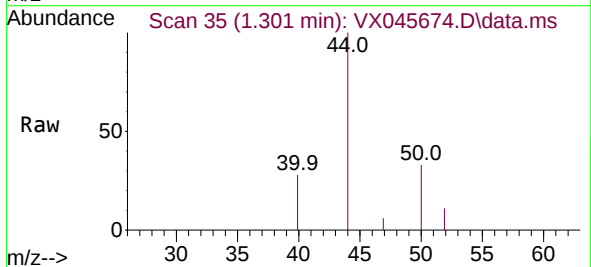
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

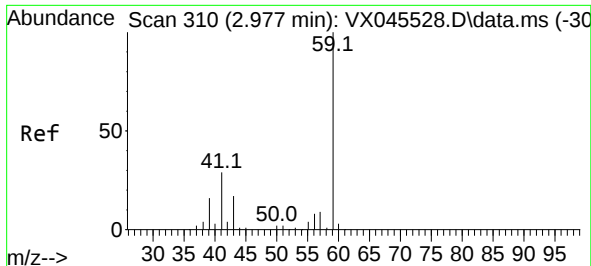
Tgt Ion:168 Resp: 65035
Ion Ratio Lower Upper
168 100
99 73.3 52.3 78.5



#3
Chloromethane
Concen: 0.539 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

Tgt Ion: 50 Resp: 539
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9





#11

Tert butyl alcohol

Concen: 1.908 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.030 min

Lab File: VX045674.D

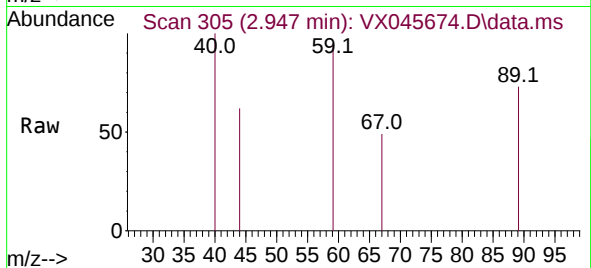
Acq: 09 Apr 2025 14:33

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-5

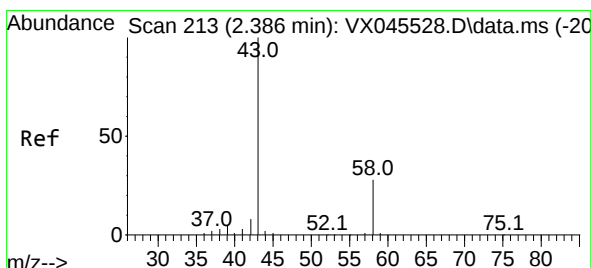
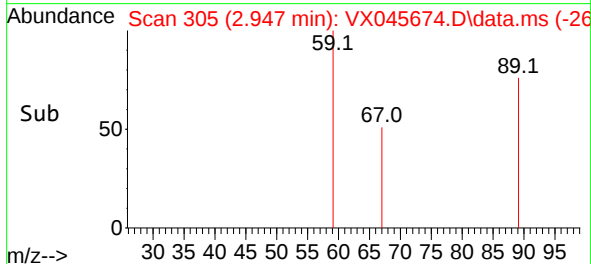
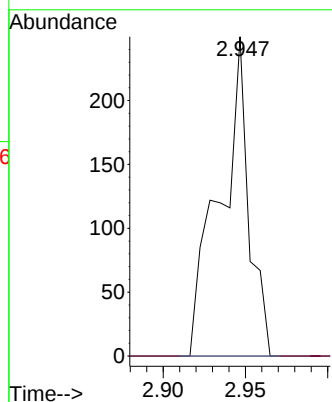


Tgt Ion: 59 Resp: 305

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 2.416 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045674.D

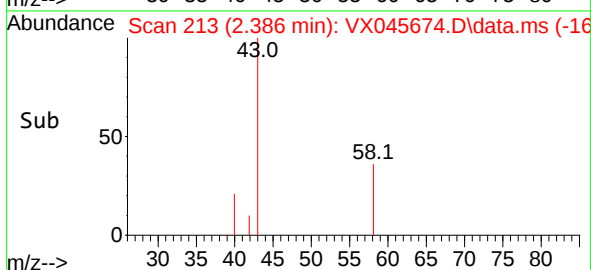
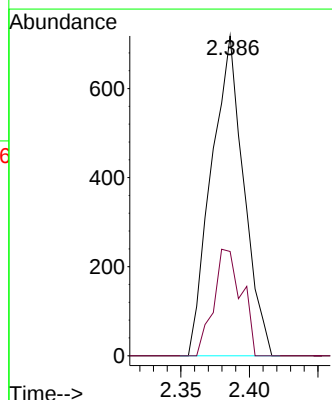
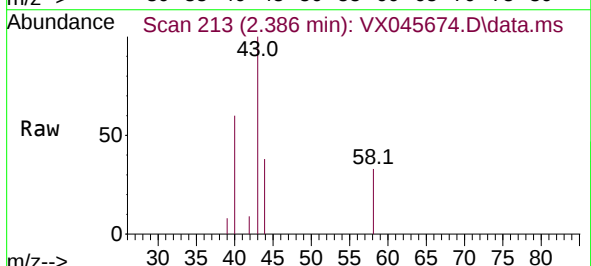
Acq: 09 Apr 2025 14:33

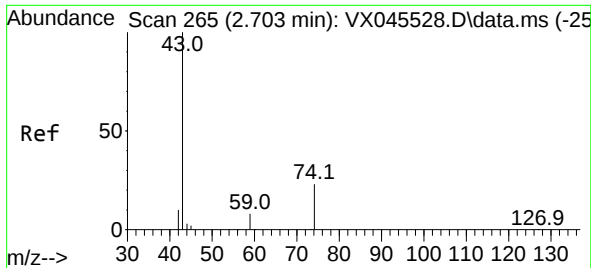
Tgt Ion: 43 Resp: 1180

Ion Ratio Lower Upper

43 100

58 32.6 22.3 33.5

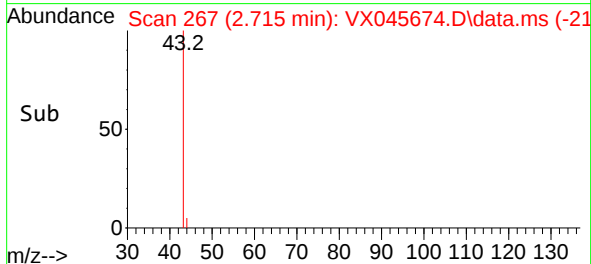
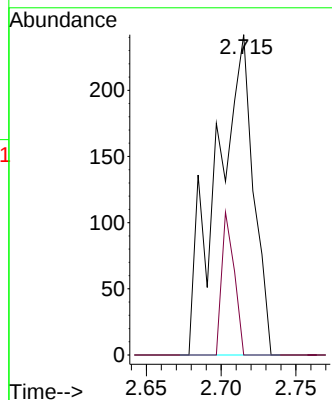
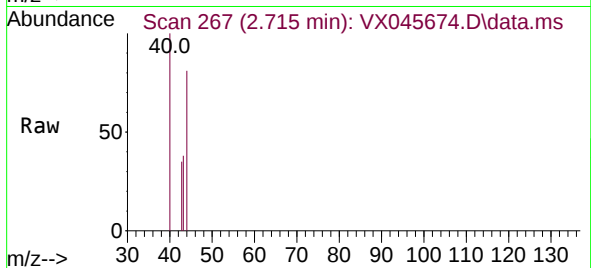




#18
Methyl Acetate
Concen: 0.366 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

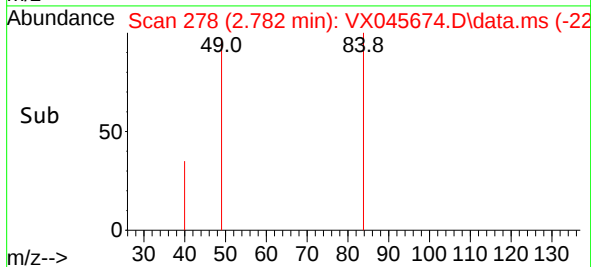
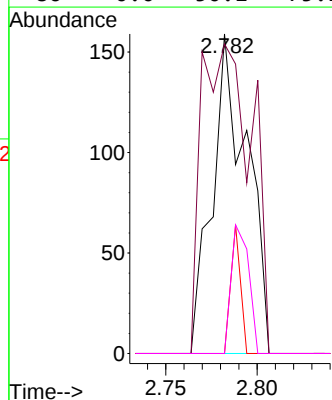
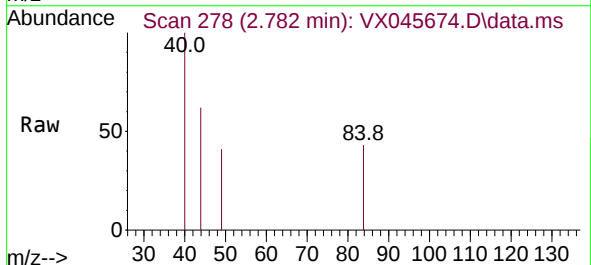
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

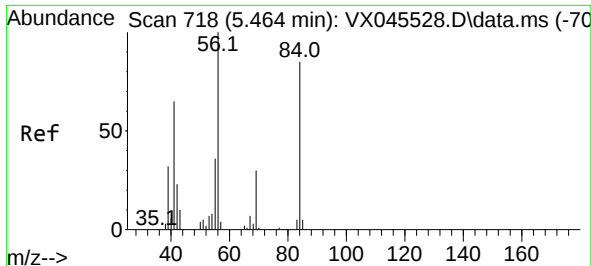
Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
74 15.3 17.5 26.3#



#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

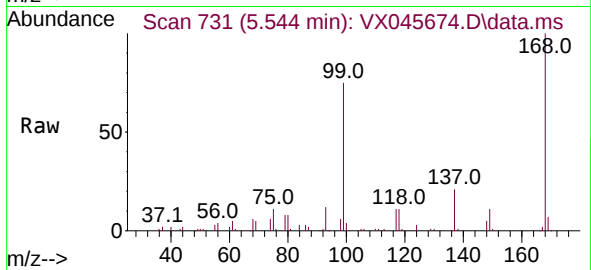
Tgt Ion: 84 Resp: 210
Ion Ratio Lower Upper
84 100
49 96.9 107.5 161.3#
51 0.0 33.0 49.6#
86 0.0 50.1 75.1#



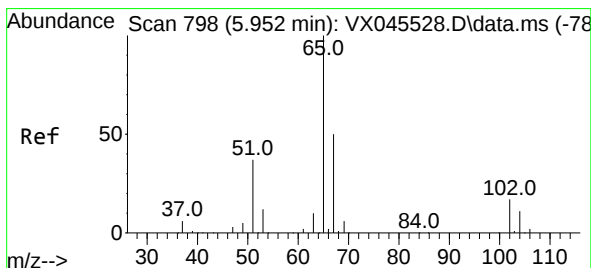
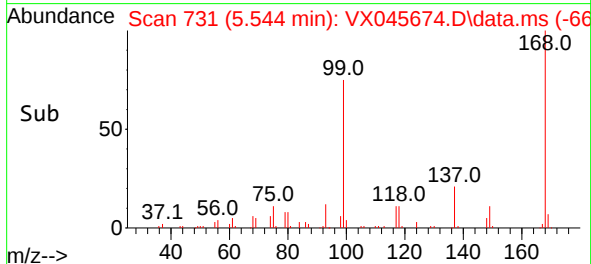
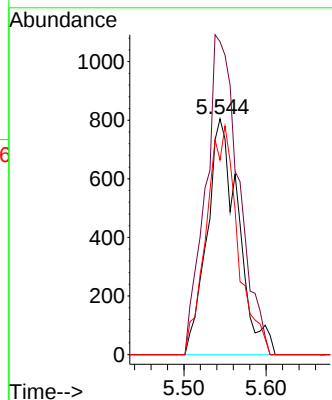


#31
Cyclohexane
Concen: 1.459 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

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

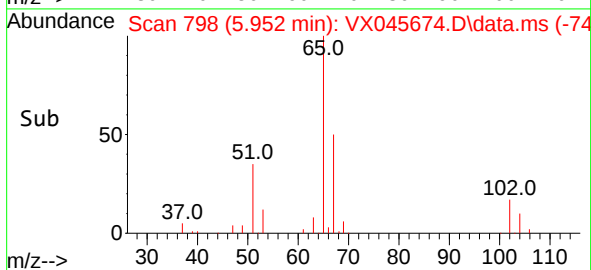
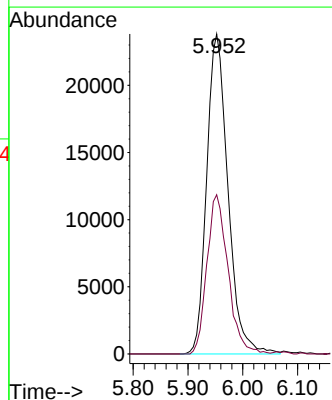
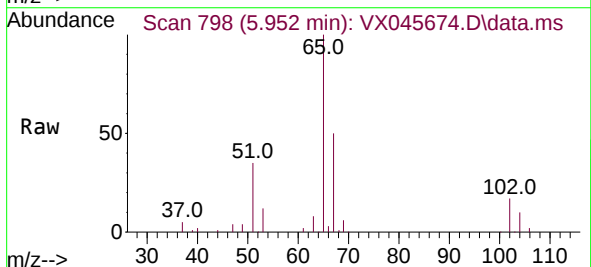


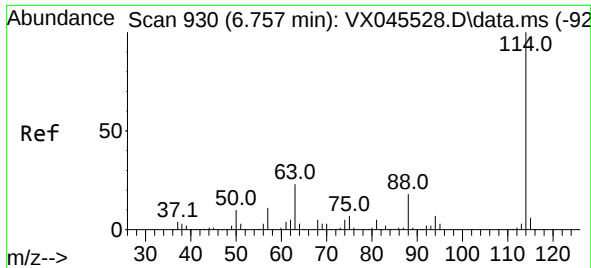
Tgt Ion: 56 Resp: 2128
Ion Ratio Lower Upper
56 100
69 132.7 23.6 35.4#
84 82.5 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 53.857 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

Tgt Ion: 65 Resp: 64053
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

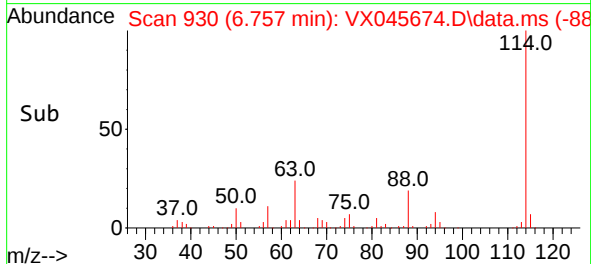
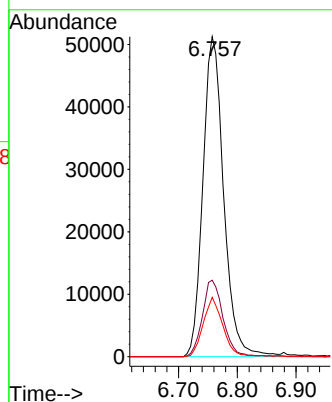
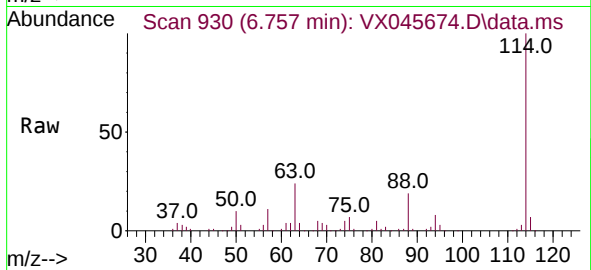




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

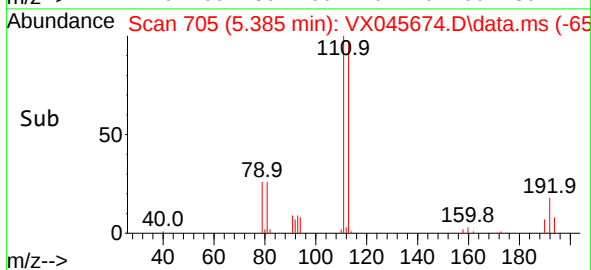
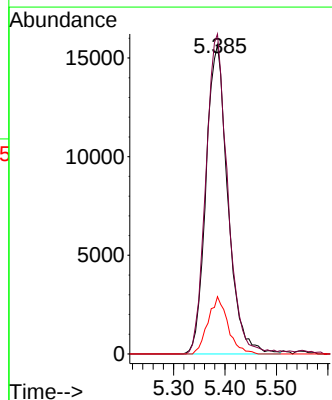
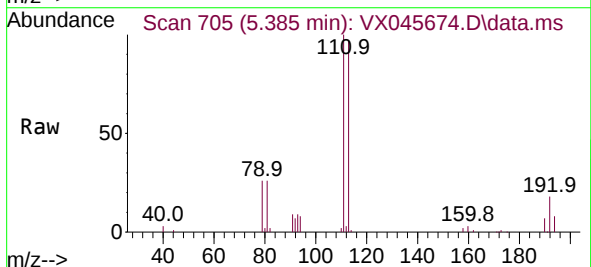
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

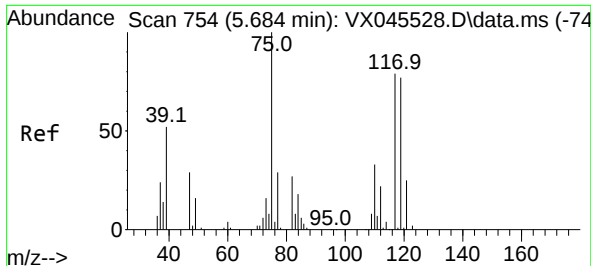
Tgt Ion:114 Resp: 125882
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.8
88 18.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.766 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

Tgt Ion:113 Resp: 46234
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 16.9 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.483 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045674.D

Acq: 09 Apr 2025 14:33

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-5

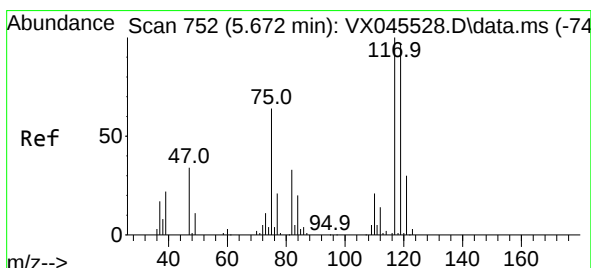
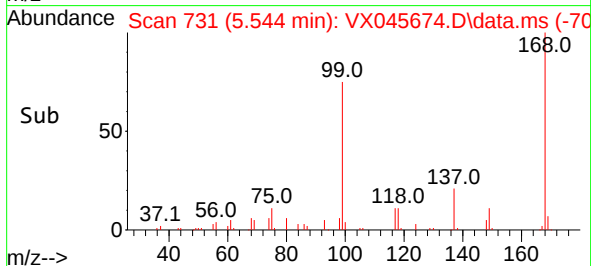
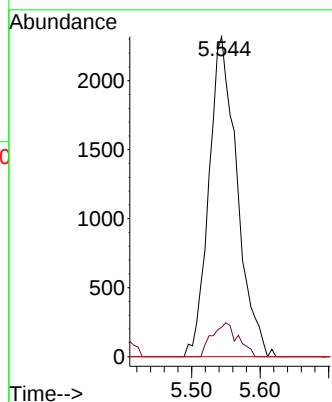
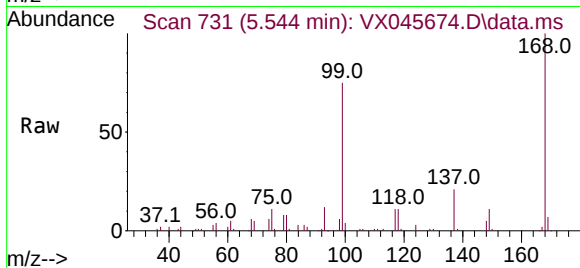
Tgt Ion: 75 Resp: 6612

Ion Ratio Lower Upper

75 100

110 9.7 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.729 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045674.D

Acq: 09 Apr 2025 14:33

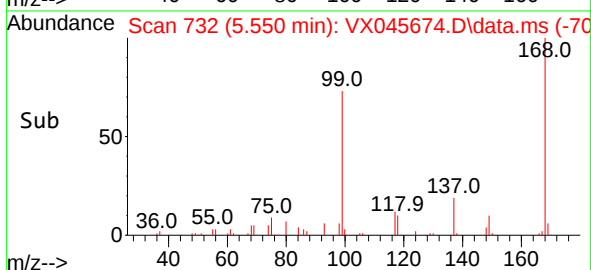
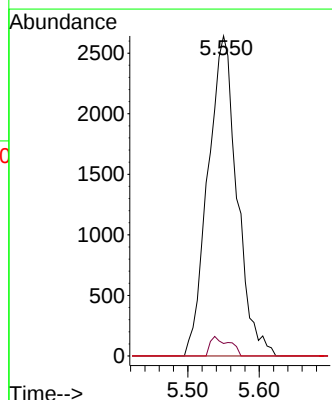
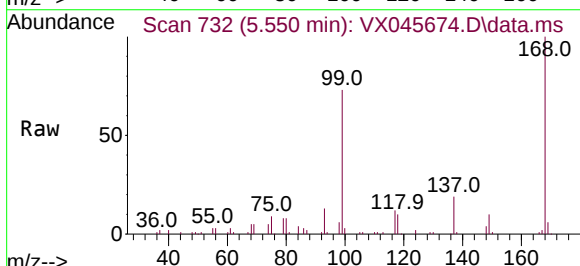
Tgt Ion: 117 Resp: 7466

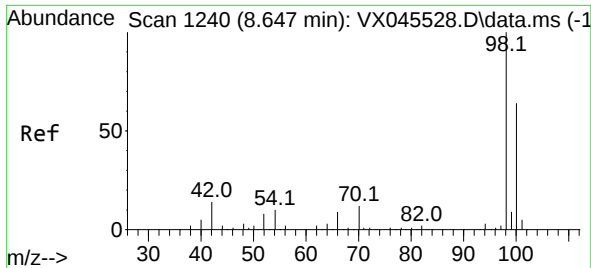
Ion Ratio Lower Upper

117 100

119 3.9 76.9 115.3#

121 0.0 24.2 36.2#

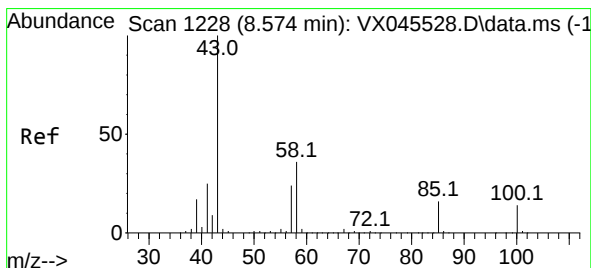
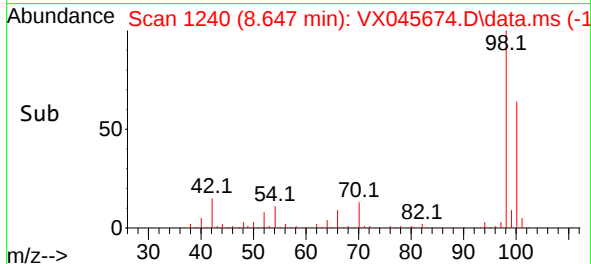
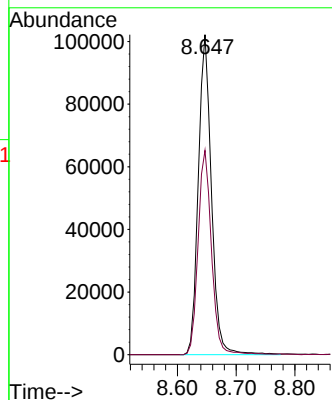
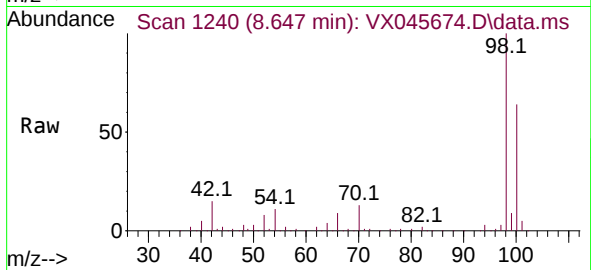




#50
Toluene-d8
Concen: 50.890 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

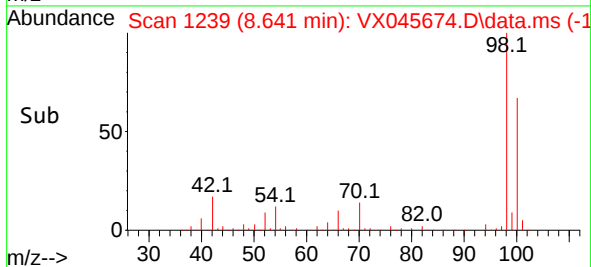
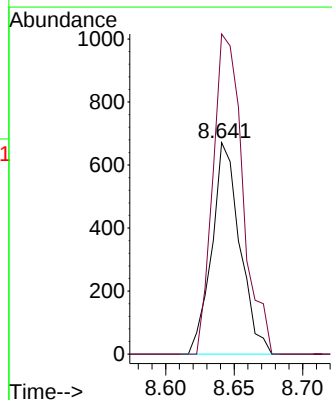
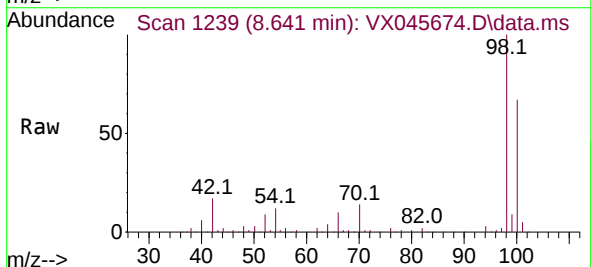
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

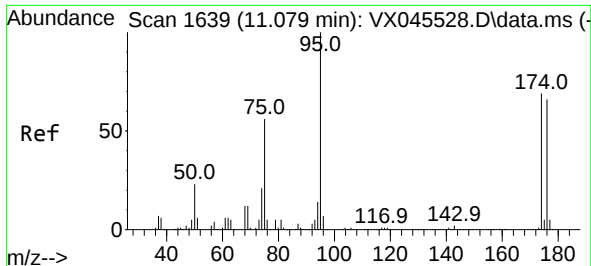
Tgt Ion: 98 Resp: 158645
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 160.7 28.5 42.7#

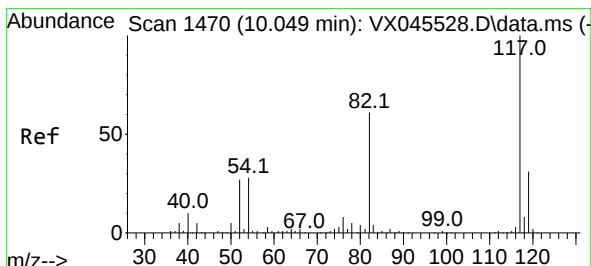
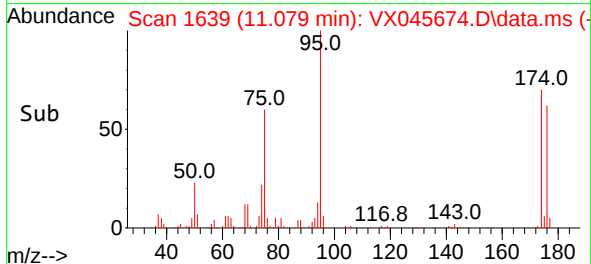
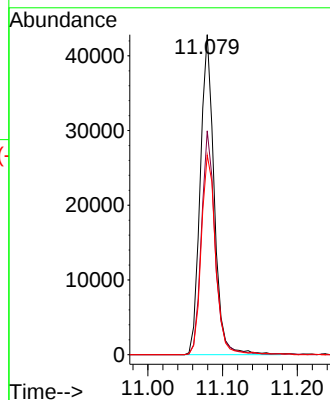
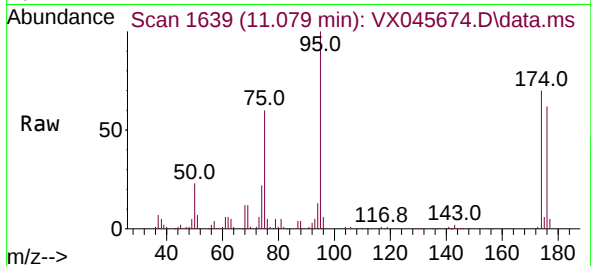




#62
4-Bromofluorobenzene
Concen: 48.637 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

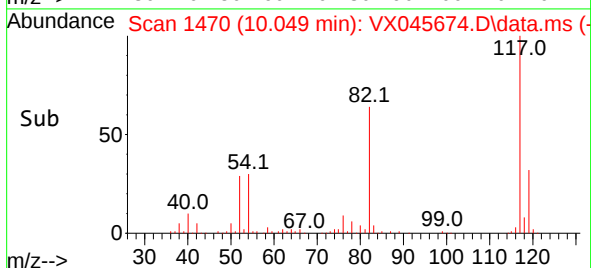
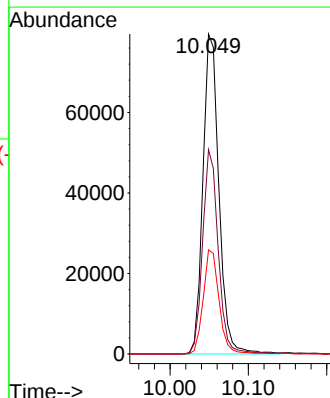
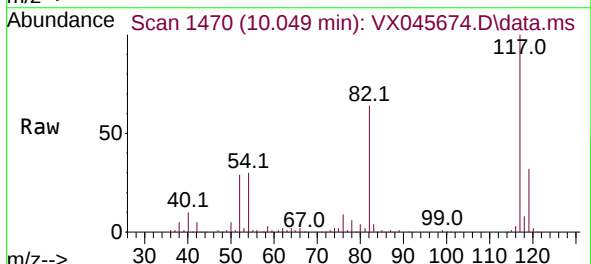
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

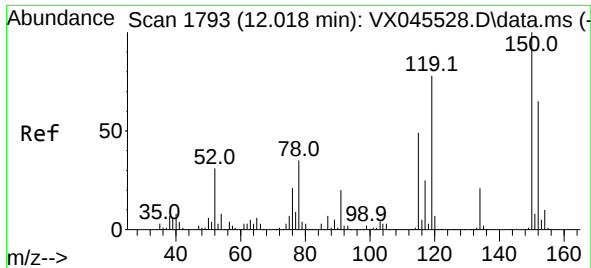
Tgt Ion: 95 Resp: 55228
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 64.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045674.D
Acq: 09 Apr 2025 14:33

Tgt Ion: 117 Resp: 112707
Ion Ratio Lower Upper
117 100
82 63.9 49.2 73.8
119 32.5 25.1 37.7

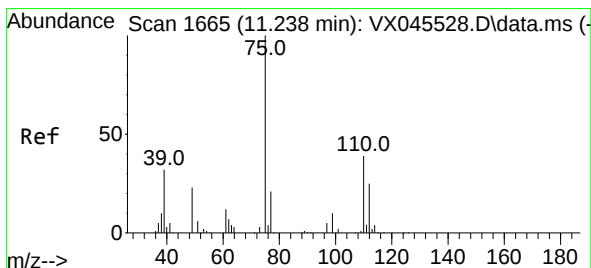
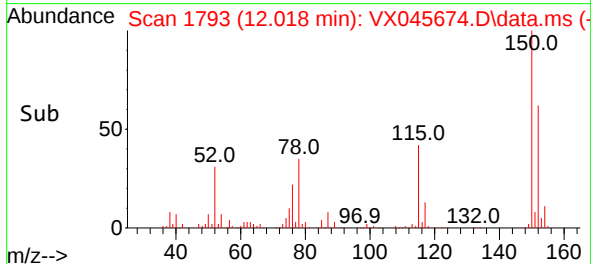
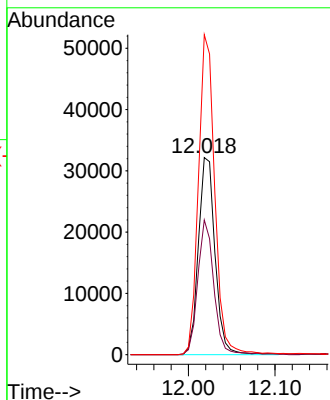
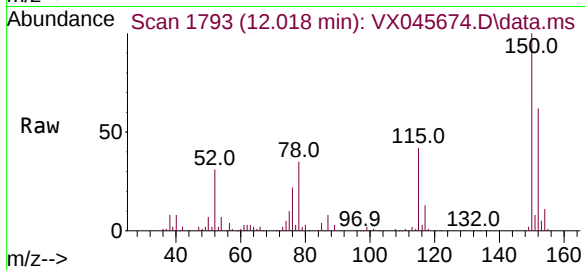




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045674.D
 Acq: 09 Apr 2025 14:33

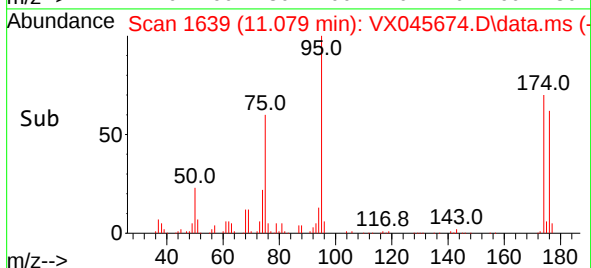
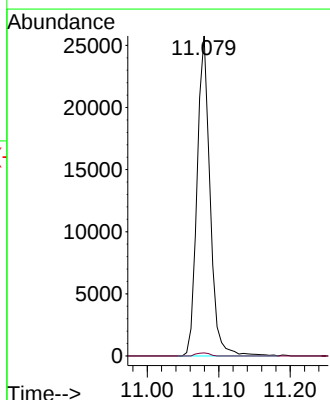
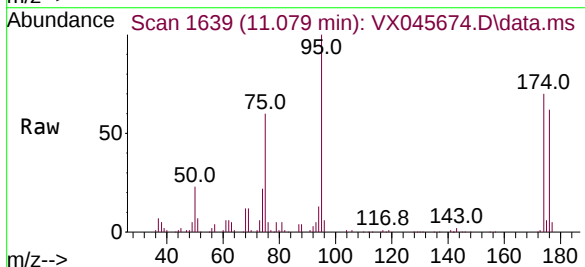
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

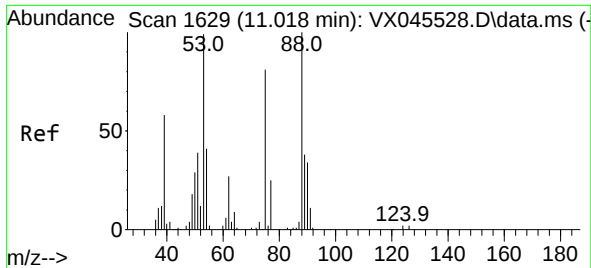
Tgt Ion:152 Resp: 43137
 Ion Ratio Lower Upper
 152 100
 115 65.8 46.9 140.7
 150 159.1 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 30.870 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045674.D
 Acq: 09 Apr 2025 14:33

Tgt Ion: 75 Resp: 32482
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.770 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045674.D
 Acq: 09 Apr 2025 14:33

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

Tgt Ion: 75 Resp: 32482
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

