

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044206.D
 Acq On : 10 Dec 2024 14:26
 Operator : JC/MD
 Sample : P5193-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 11 01:33:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

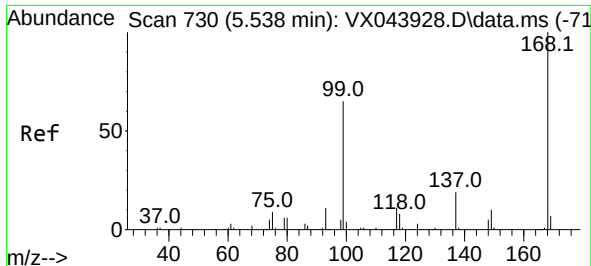
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	109693	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	210650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95422	50.718	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.440%	
35) Dibromofluoromethane	5.385	113	68970	45.821	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.640%	
50) Toluene-d8	8.647	98	250931	48.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.720%	
62) 4-Bromofluorobenzene	11.079	95	85156	48.225	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	329	0.225	ug/l	96
5) Bromomethane	1.599	94	258	0.270	ug/l #	45
11) Tert butyl alcohol	2.928	59	514	1.702	ug/l #	73
16) Acetone	2.386	43	978	1.132	ug/l	92
20) Methylene Chloride	2.782	84	388	0.265	ug/l #	66
31) Cyclohexane	5.556	56	3332	1.589	ug/l #	58
36) 1,1-Dichloropropene	5.550	75	10583	5.642	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13231	6.278	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1354	0.599	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48495	29.053	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	48495	79.278	ug/l #	6

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

Quant Time: Dec 11 01:33:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

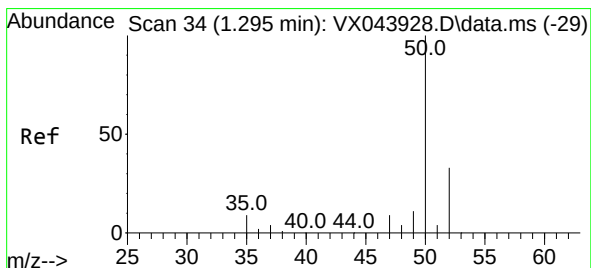
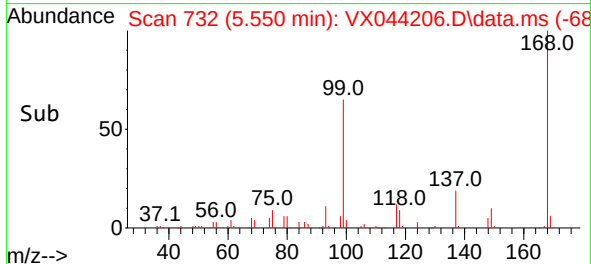
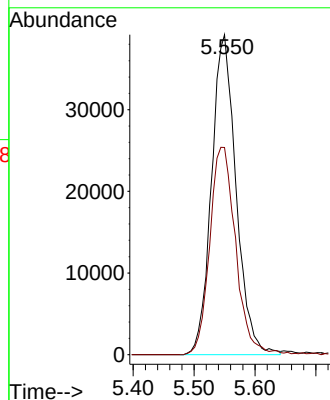
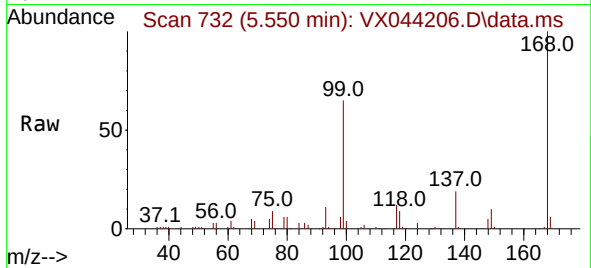




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044206.D
Acq: 10 Dec 2024 14:26

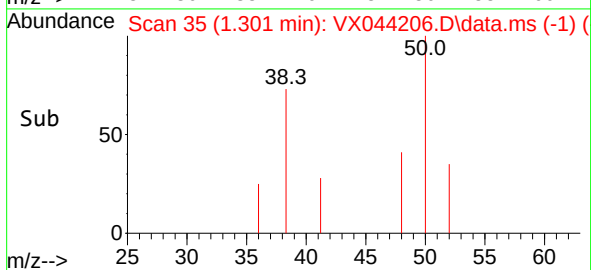
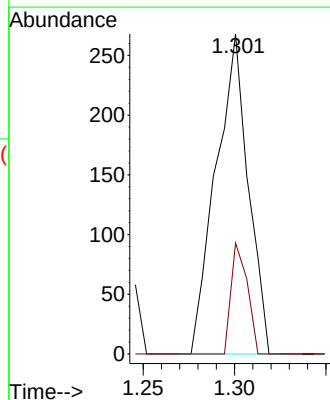
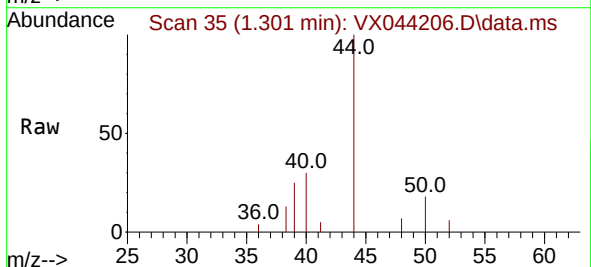
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

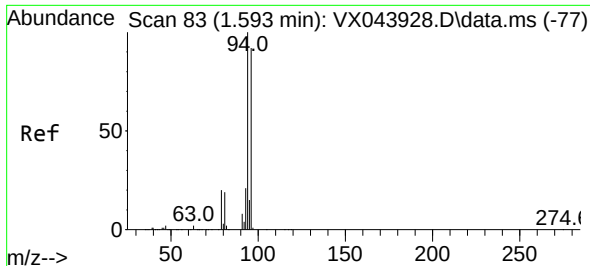
Tgt Ion:168 Resp: 109693
Ion Ratio Lower Upper
168 100
99 64.7 51.8 77.8



#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044206.D
Acq: 10 Dec 2024 14:26

Tgt Ion: 50 Resp: 329
Ion Ratio Lower Upper
50 100
52 34.7 26.1 39.1

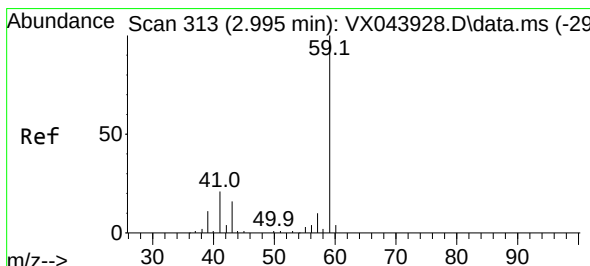
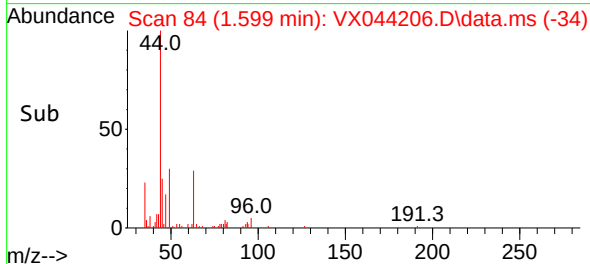
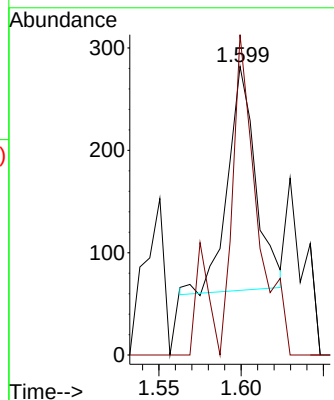
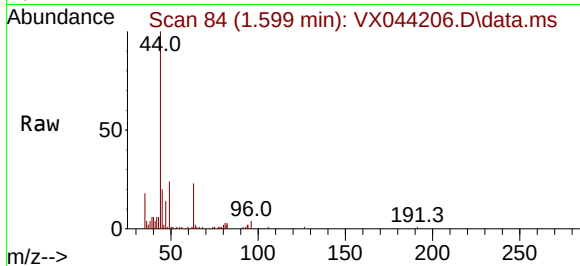




#5
Bromomethane
Concen: 0.270 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044206.D
Acq: 10 Dec 2024 14:26

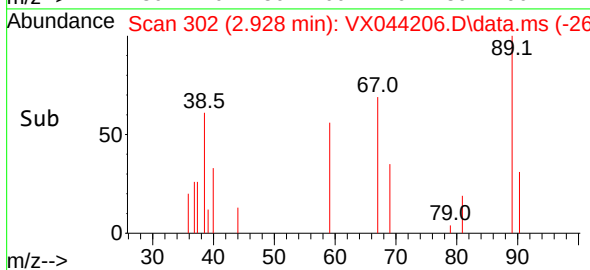
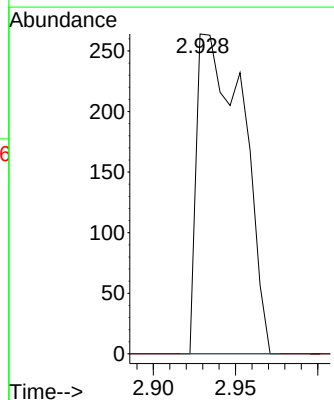
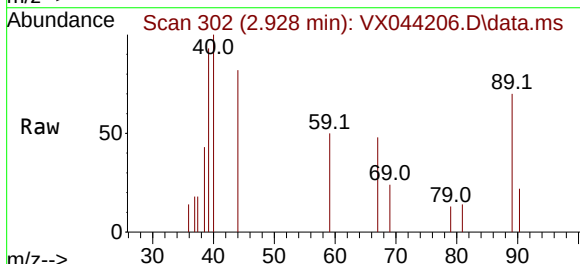
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

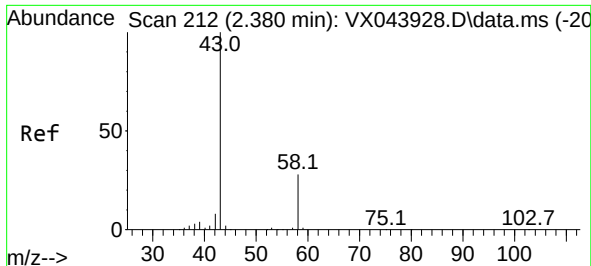
Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 144.9 73.9 110.9#



#11
Tert butyl alcohol
Concen: 1.702 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.067 min
Lab File: VX044206.D
Acq: 10 Dec 2024 14:26

Tgt Ion: 59 Resp: 514
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#16

Acetone

Concen: 1.132 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX044206.D

Acq: 10 Dec 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

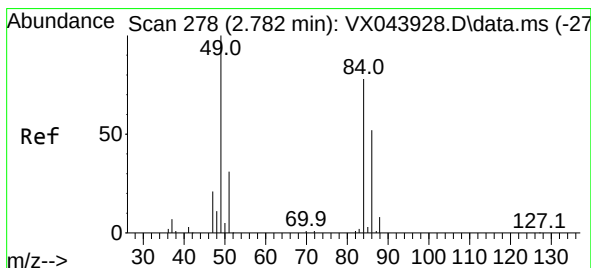
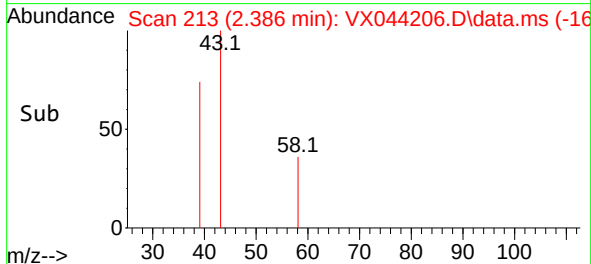
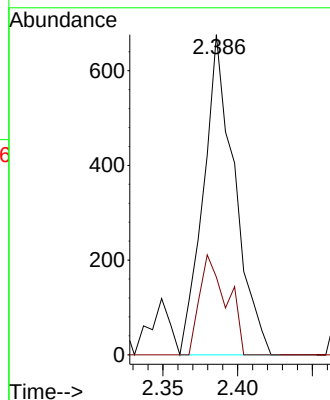
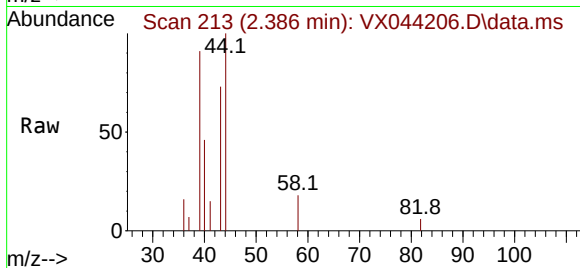
Storage-Blank-WATER-REF-4

Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

58 24.3 22.7 34.1



#20

Methylene Chloride

Concen: 0.265 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044206.D

Acq: 10 Dec 2024 14:26

Tgt Ion: 84 Resp: 388

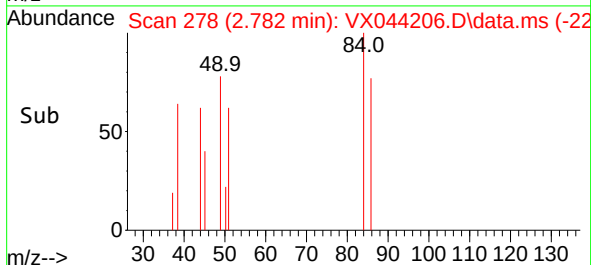
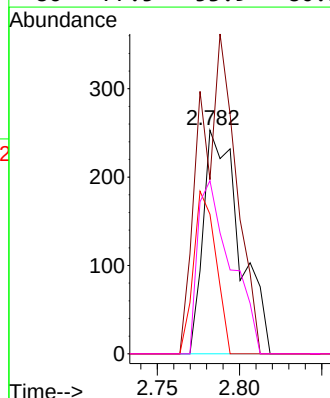
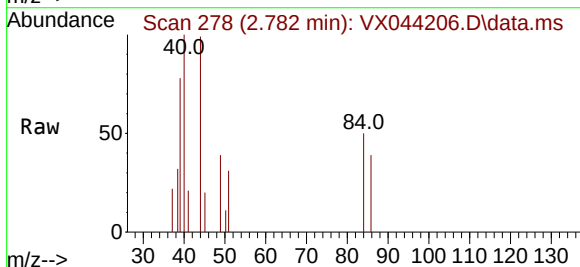
Ion Ratio Lower Upper

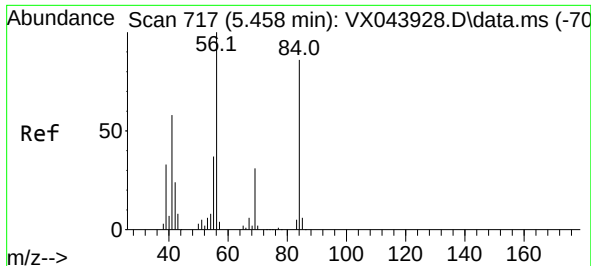
84 100

49 77.9 102.7 154.1#

51 62.5 31.7 47.5#

86 77.5 53.9 80.9

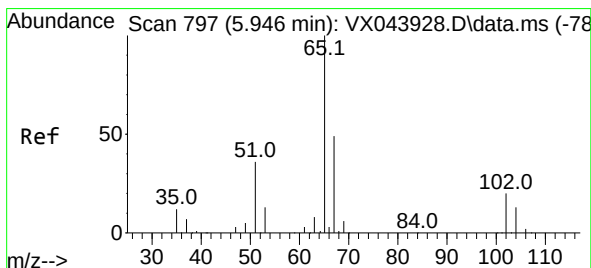
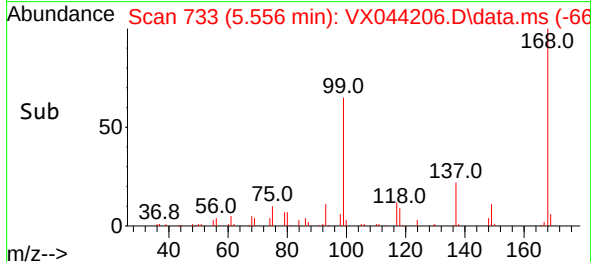
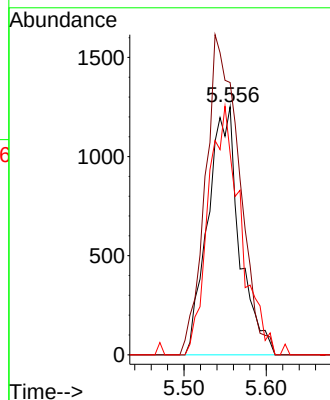
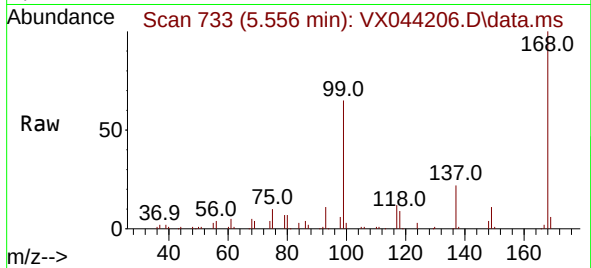




#31
Cyclohexane
Concen: 1.589 ug/l
RT: 5.556 min Scan# 717
Delta R.T. 0.097 min
Lab File: VX044206.D
Acq: 10 Dec 2024 14:26

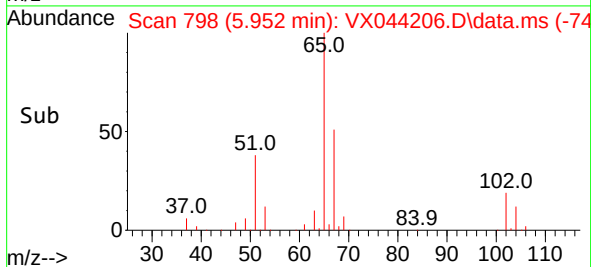
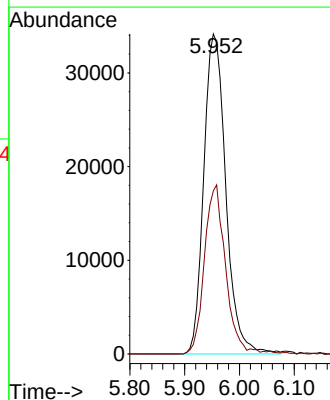
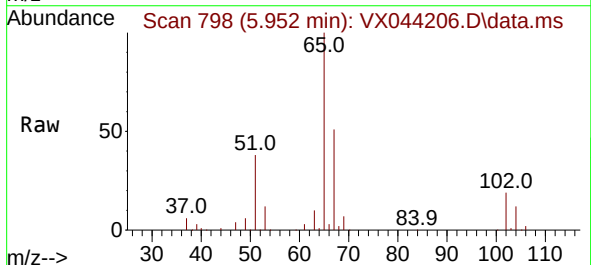
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

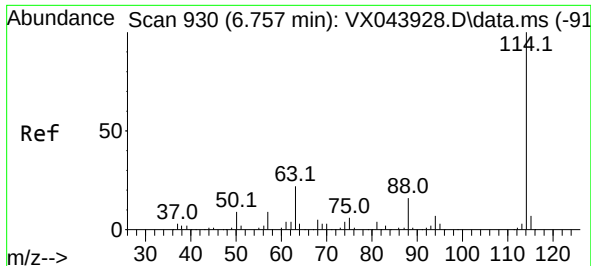
Tgt Ion: 56 Resp: 3332
Ion Ratio Lower Upper
56 100
69 109.7 24.7 37.1#
84 81.2 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 50.718 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044206.D
Acq: 10 Dec 2024 14:26

Tgt Ion: 65 Resp: 95422
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8

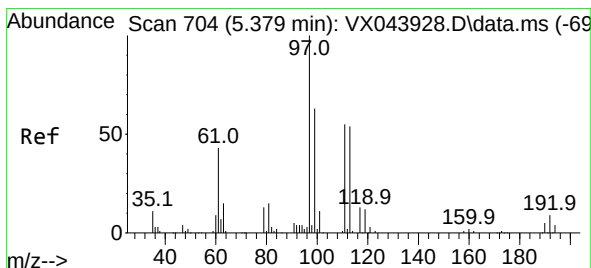
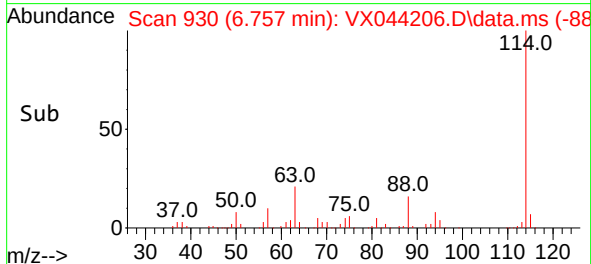
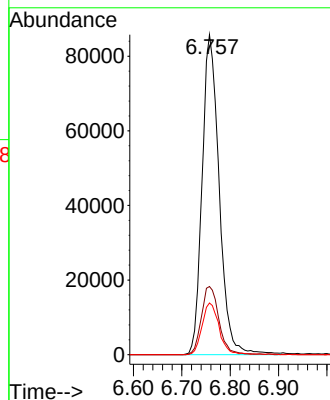
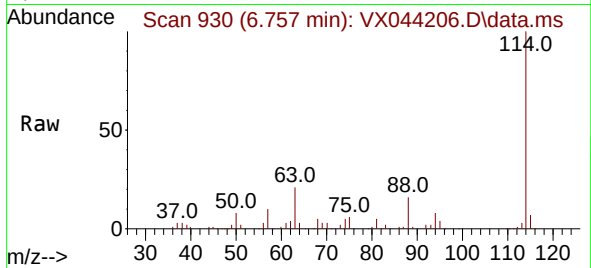




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044206.D
Acq: 10 Dec 2024 14:26

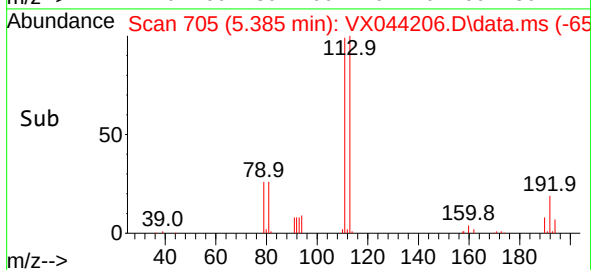
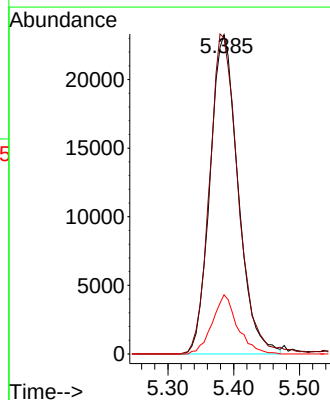
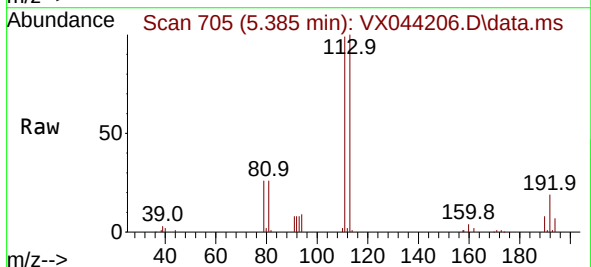
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

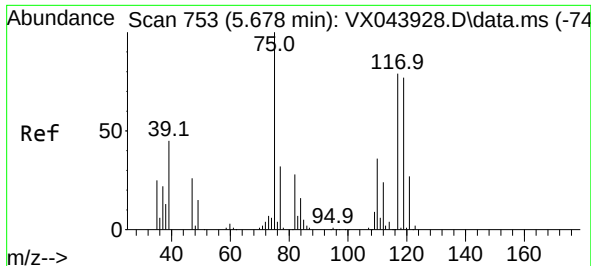
Tgt Ion:114 Resp: 210650
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.821 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044206.D
Acq: 10 Dec 2024 14:26

Tgt Ion:113 Resp: 68970
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.4
192 16.7 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.642 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.128 min

Lab File: VX044206.D

Acq: 10 Dec 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

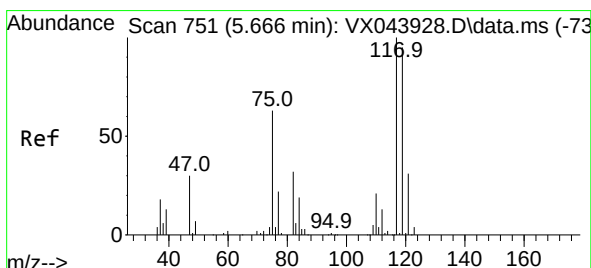
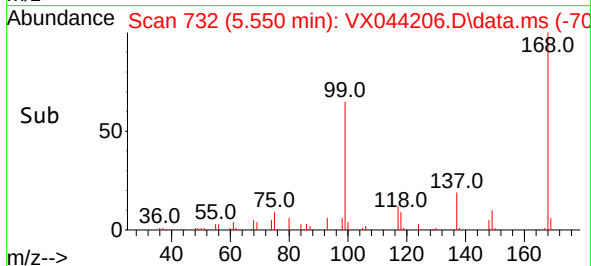
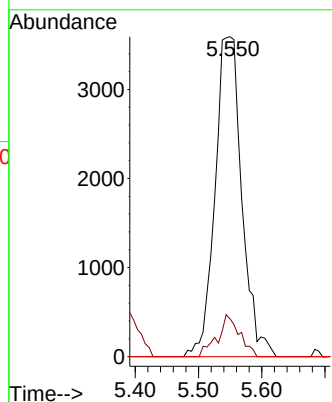
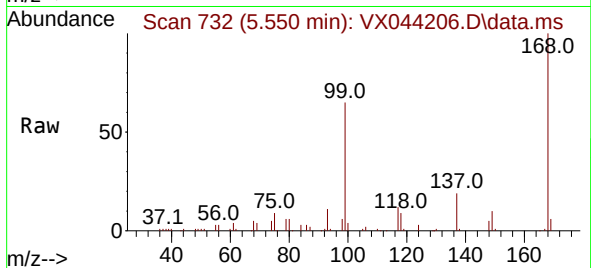
Tgt Ion: 75 Resp: 10583

Ion Ratio Lower Upper

75 100

110 10.8 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.278 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.116 min

Lab File: VX044206.D

Acq: 10 Dec 2024 14:26

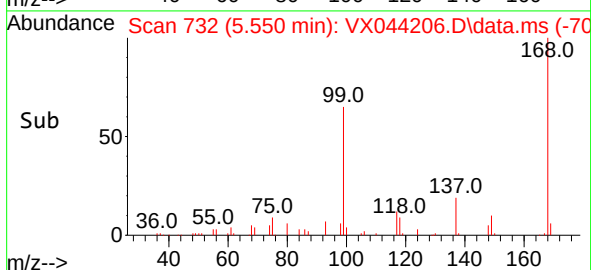
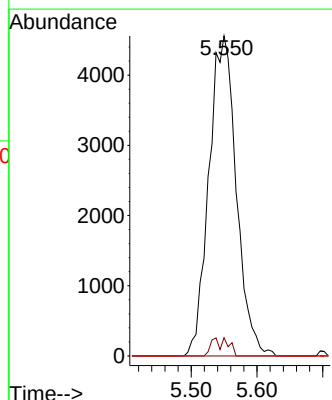
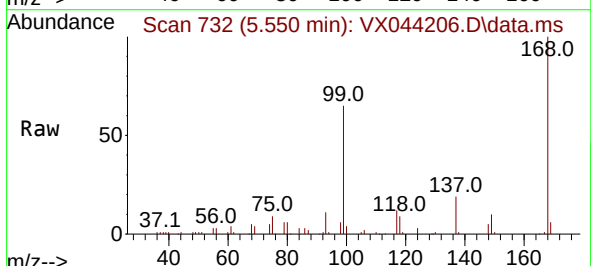
Tgt Ion: 117 Resp: 13231

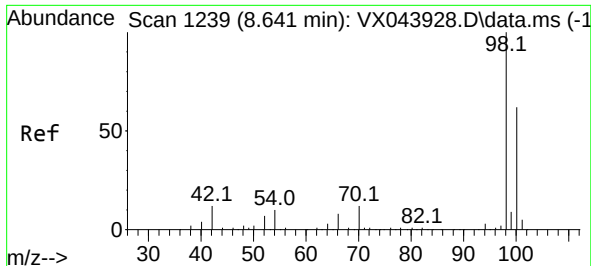
Ion Ratio Lower Upper

117 100

119 5.7 75.2 112.8#

121 0.0 24.5 36.7#

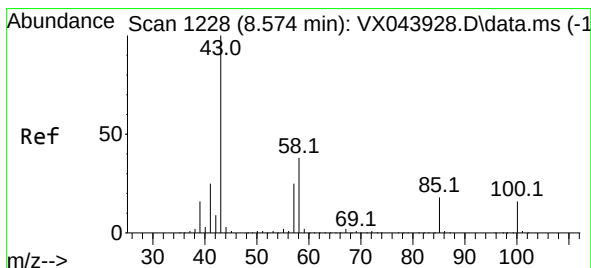
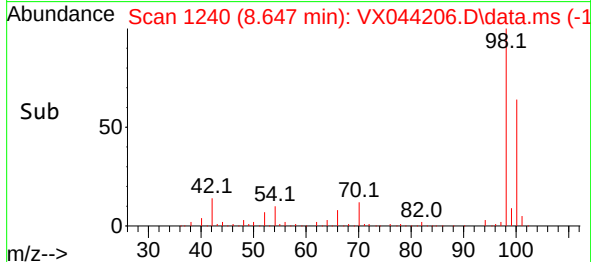
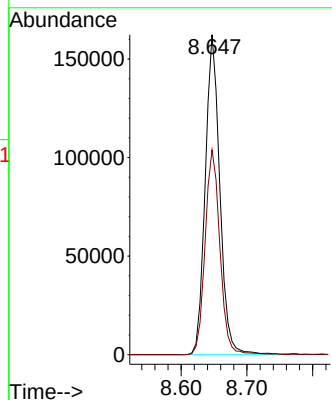
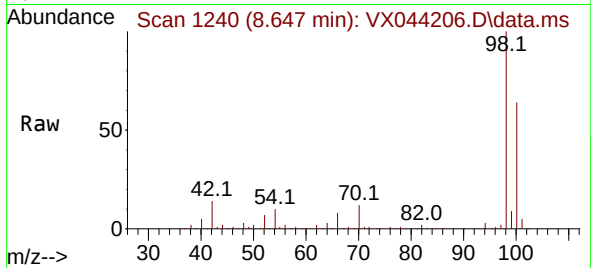




#50
Toluene-d8
Concen: 48.362 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044206.D
Acq: 10 Dec 2024 14:26

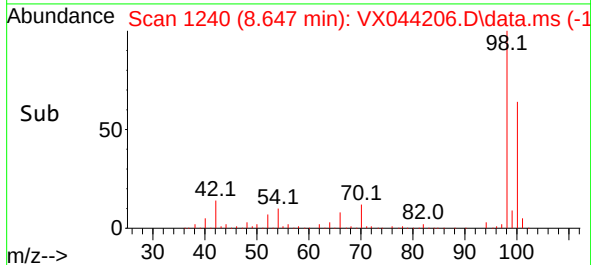
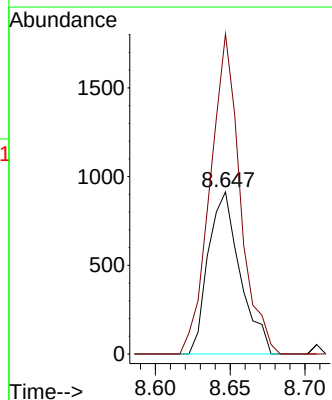
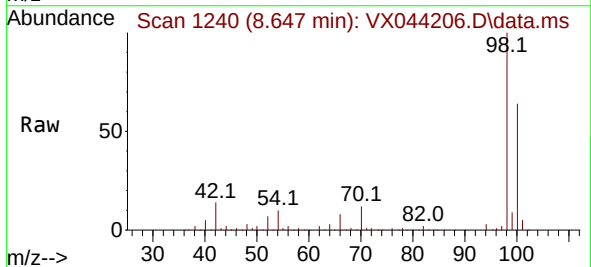
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

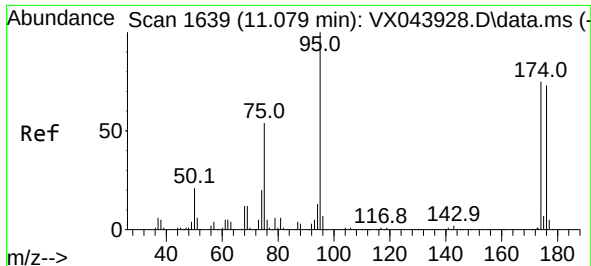
Tgt Ion: 98 Resp: 250931
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.599 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044206.D
Acq: 10 Dec 2024 14:26

Tgt Ion: 43 Resp: 1354
Ion Ratio Lower Upper
43 100
58 185.7 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 48.225 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044206.D

Acq: 10 Dec 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

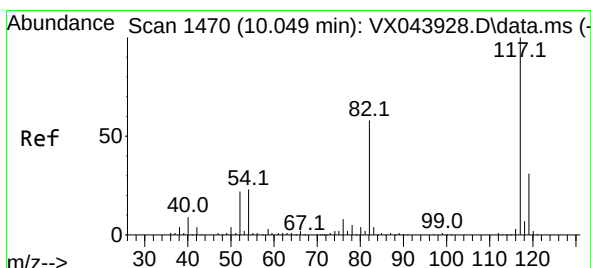
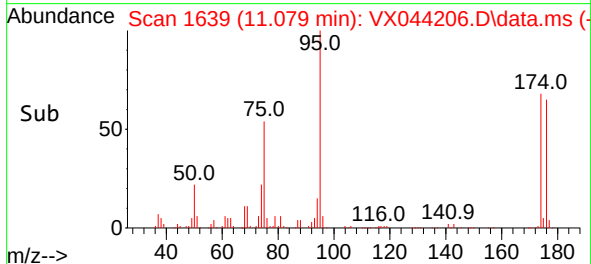
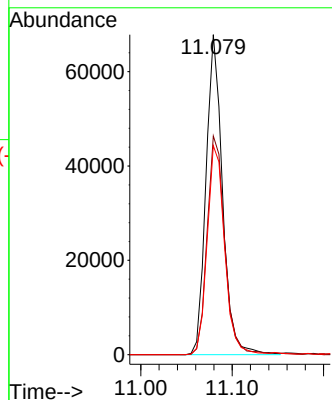
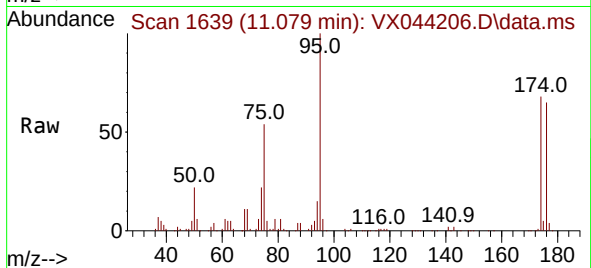
Tgt Ion: 95 Resp: 85156

Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.4

176 69.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044206.D

Acq: 10 Dec 2024 14:26

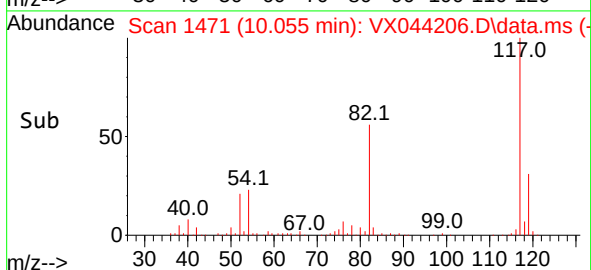
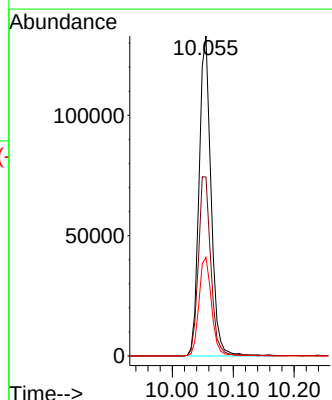
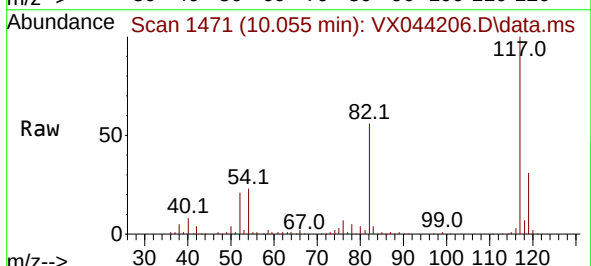
Tgt Ion: 117 Resp: 181804

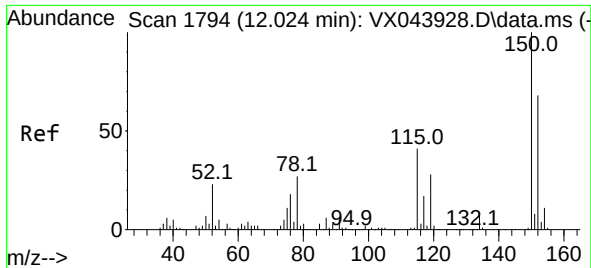
Ion Ratio Lower Upper

117 100

82 55.9 46.4 69.6

119 30.8 24.6 37.0

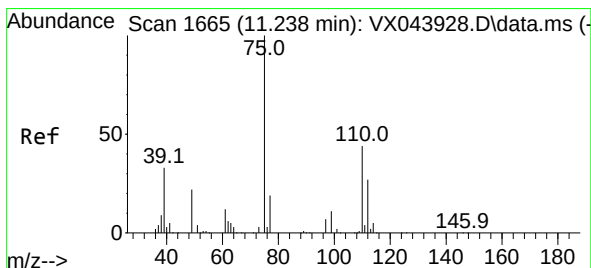
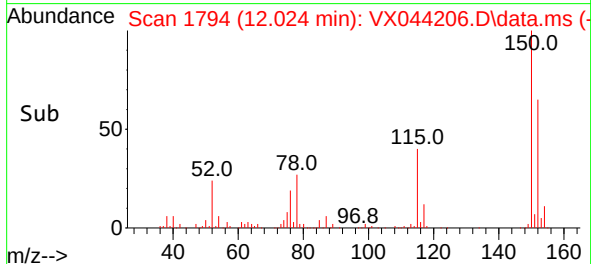
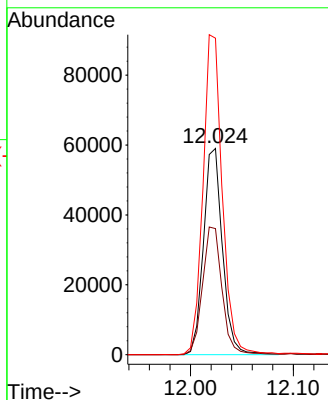
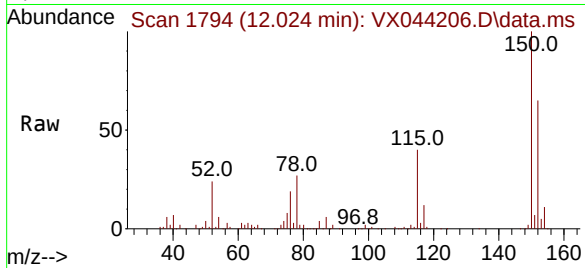




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044206.D
 Acq: 10 Dec 2024 14:26

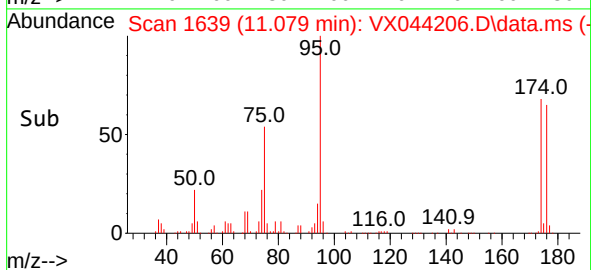
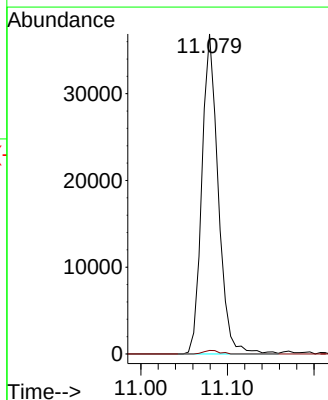
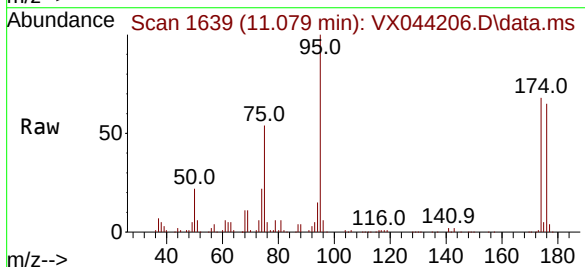
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

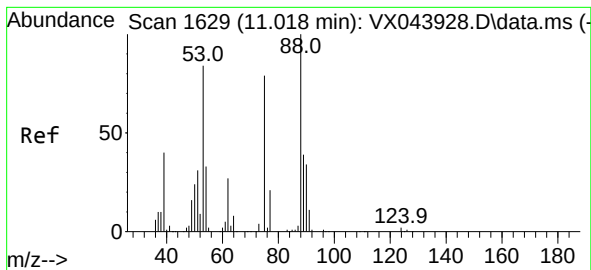
Tgt Ion:152 Resp: 76116
 Ion Ratio Lower Upper
 152 100
 115 63.4 45.4 136.2
 150 157.2 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 29.053 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044206.D
 Acq: 10 Dec 2024 14:26

Tgt Ion: 75 Resp: 48495
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.278 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044206.D
 Acq: 10 Dec 2024 14:26

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

Tgt Ion: 75 Resp: 48495
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.0 38.2 57.2#

