

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043986.D
 Acq On : 25 Nov 2024 15:03
 Operator : JC/MD
 Sample : P4886-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 27 07:41:15 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)

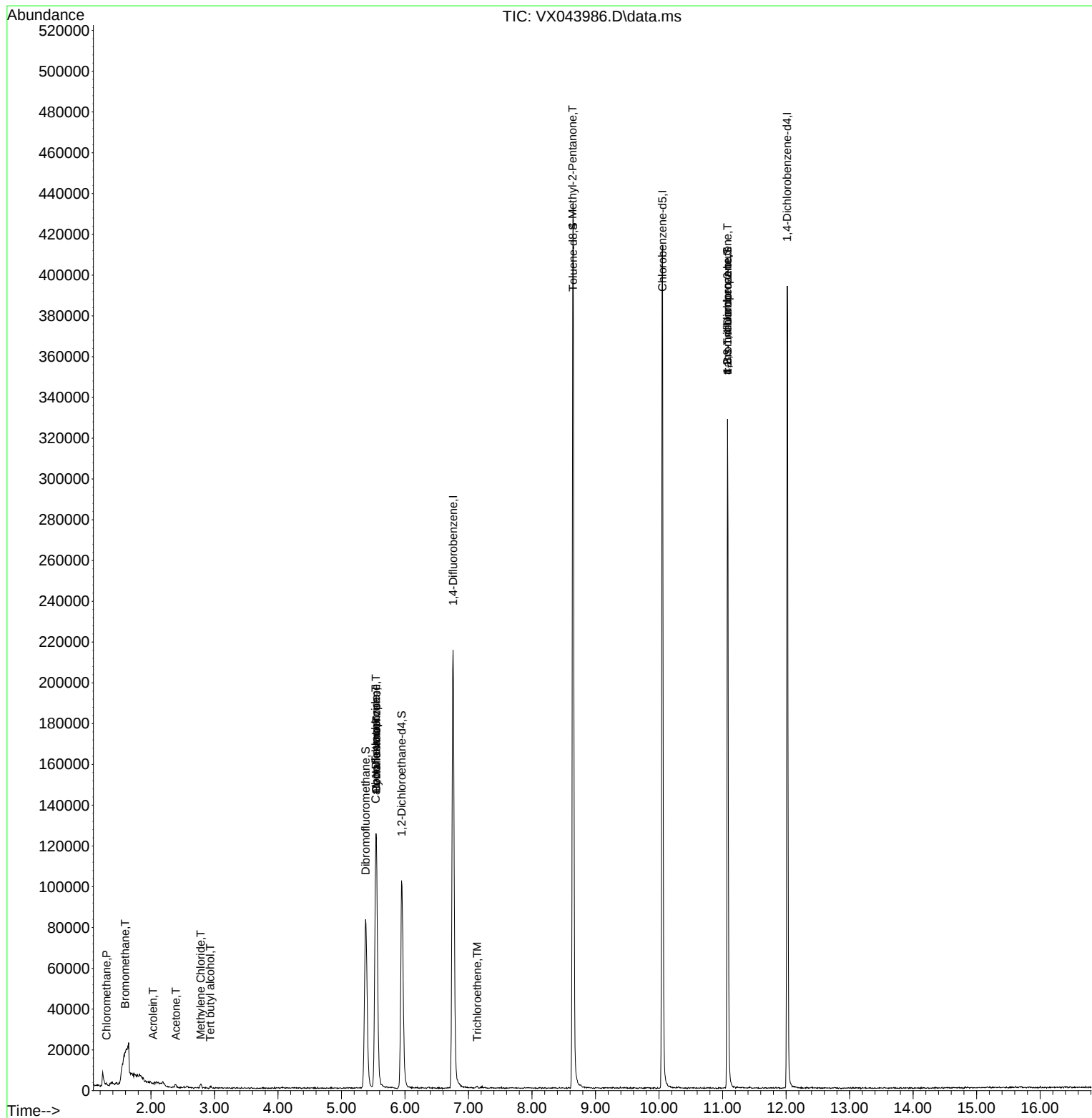
Internal Standards							
1) Pentafluorobenzene		5.550	168	111702	50.000	ug/l	0.01
34) 1,4-Difluorobenzene		6.757	114	214805	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	187487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.018	152	75443	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.946	65	96245	50.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.480%	
35) Dibromofluoromethane		5.379	113	71352	46.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%	
50) Toluene-d8		8.647	98	261482	49.421	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.840%	
62) 4-Bromofluorobenzene		11.079	95	85344	47.396	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.800%	
Target Compounds							
						Qvalue	
3) Chloromethane		1.300	50	632	0.424	ug/l	90
5) Bromomethane		1.593	94	368	0.378	ug/l #	30
11) Tert butyl alcohol		2.934	59	293	0.953	ug/l #	73
13) Acrolein		2.032	56	82	0.253	ug/l	99
16) Acetone		2.392	43	1579	1.794	ug/l #	88
20) Methylene Chloride		2.782	84	807	0.540	ug/l	93
31) Cyclohexane		5.550	56	3088	1.446	ug/l #	51
36) 1,1-Dichloropropene		5.544	75	10483	5.481	ug/l #	50
38) Carbon Tetrachloride		5.537	117	12838	5.974	ug/l #	16
44) Trichloroethene		7.135	130	423	0.251	ug/l	59
51) 4-Methyl-2-Pentanone		8.641	43	1470	0.638	ug/l #	1
76) 1,2,3-Trichloropropane		11.079	75	49420	29.871	ug/l #	35
81) trans-1,4-Dichloro-2-b...		11.079	75	49420	81.511	ug/l #	6

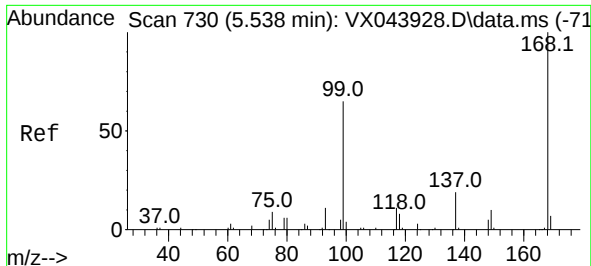
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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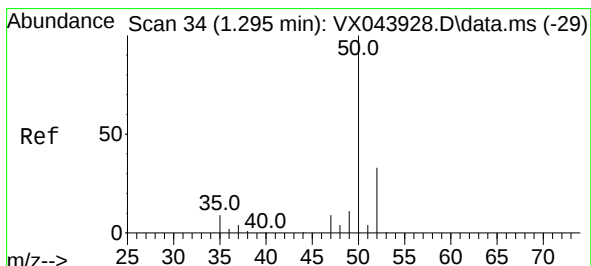
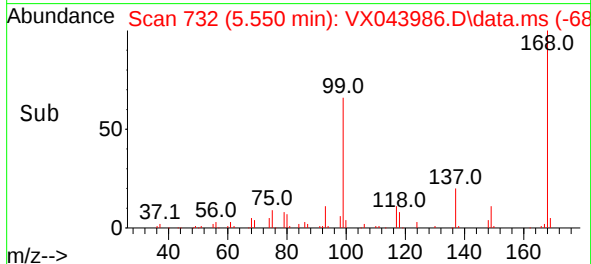
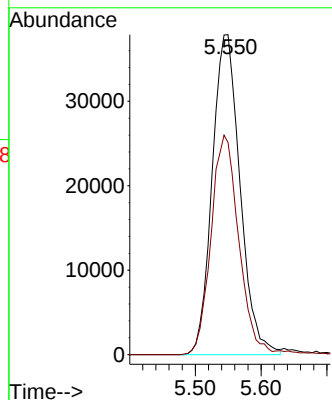
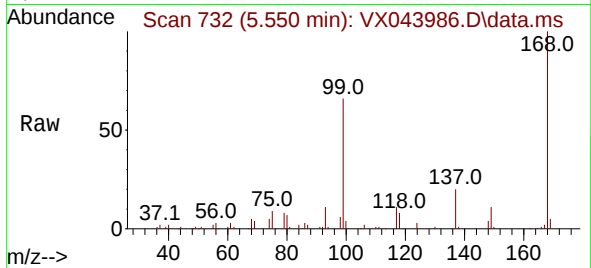




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043986.D
Acq: 25 Nov 2024 15:03

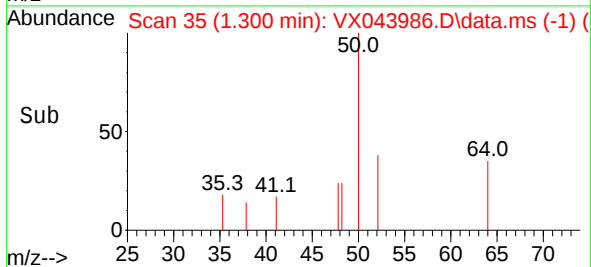
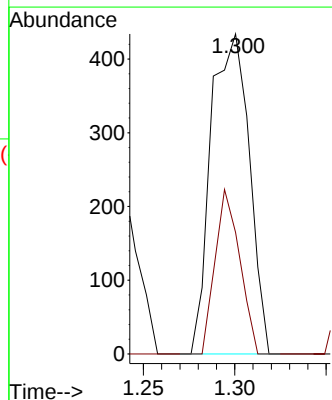
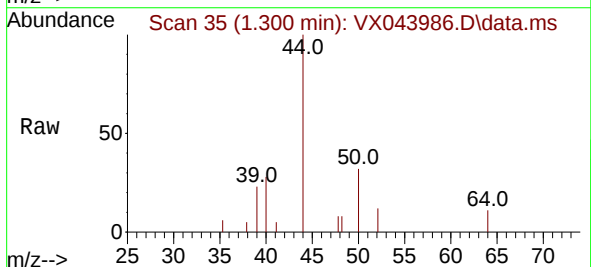
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

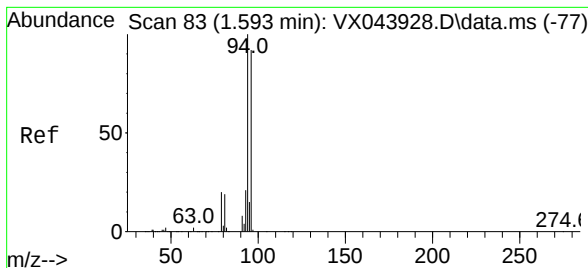
Tgt Ion:168 Resp: 111702
Ion Ratio Lower Upper
168 100
99 66.3 51.8 77.8



#3
Chloromethane
Concen: 0.424 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043986.D
Acq: 25 Nov 2024 15:03

Tgt Ion: 50 Resp: 632
Ion Ratio Lower Upper
50 100
52 38.0 26.1 39.1





#5

Bromomethane

Concen: 0.378 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX043986.D

Acq: 25 Nov 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

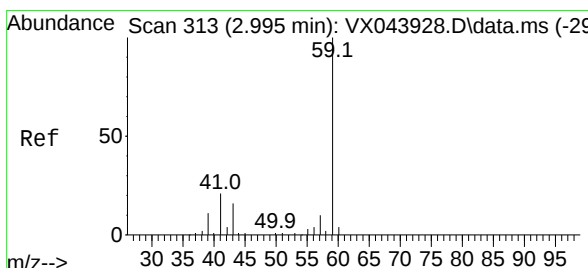
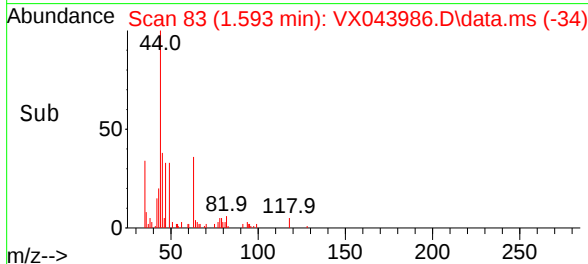
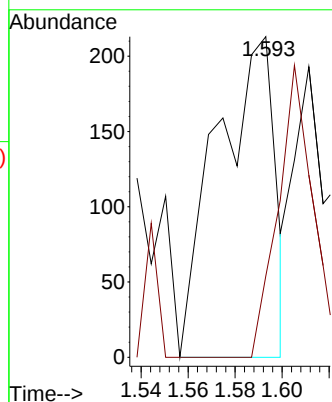
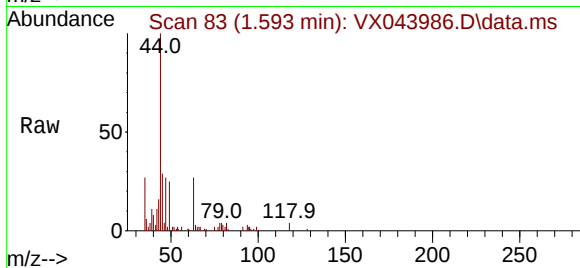
Storage-Blank-WATER-REF-4

Tgt Ion: 94 Resp: 368

Ion Ratio Lower Upper

94 100

96 25.4 73.9 110.9#



#11

Tert butyl alcohol

Concen: 0.953 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.061 min

Lab File: VX043986.D

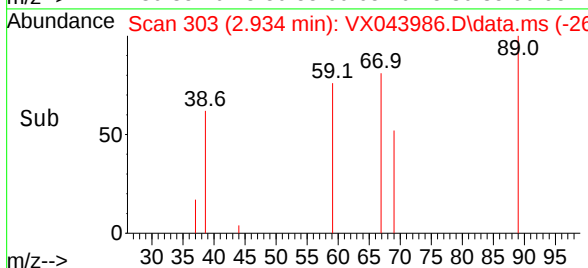
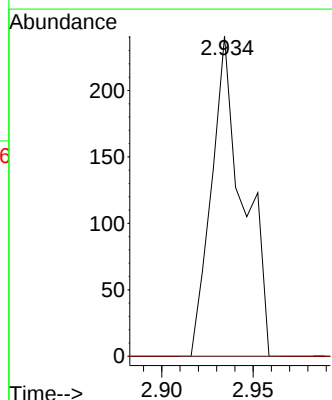
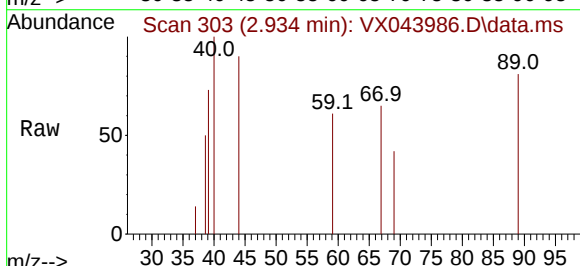
Acq: 25 Nov 2024 15:03

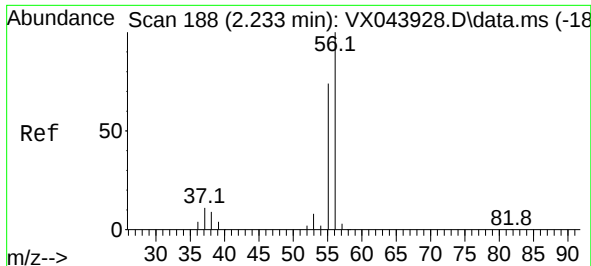
Tgt Ion: 59 Resp: 293

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#13

Acrolein

Concen: 0.253 ug/l

RT: 2.032 min Scan# 11

Delta R.T. -0.201 min

Lab File: VX043986.D

Acq: 25 Nov 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

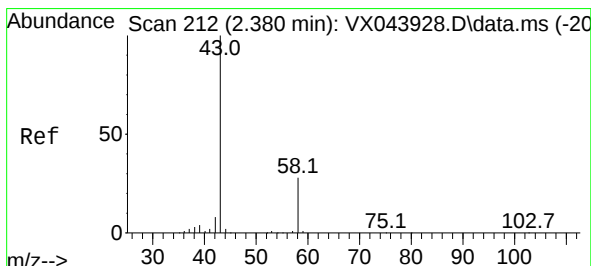
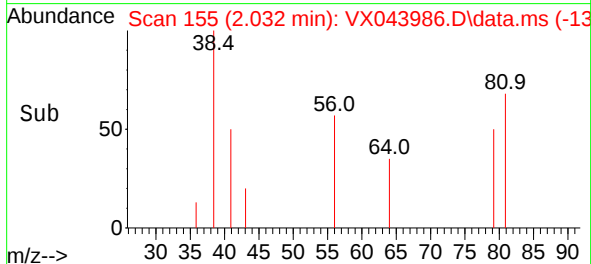
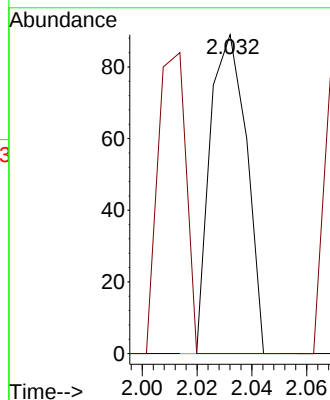
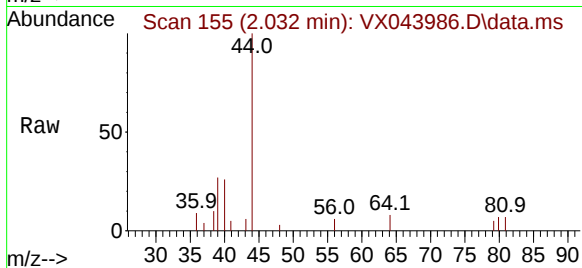
Storage-Blank-WATER-REF-4

Tgt Ion: 56 Resp: 82

Ion Ratio Lower Upper

56 100

55 73.2 58.2 87.2



#16

Acetone

Concen: 1.794 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX043986.D

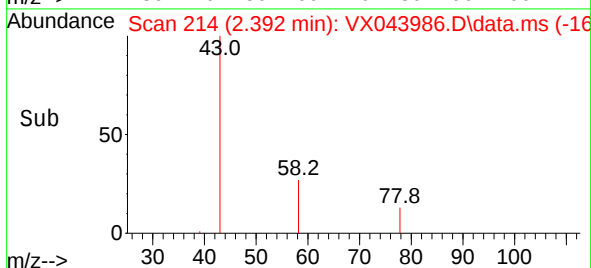
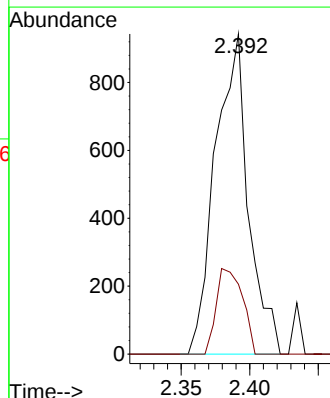
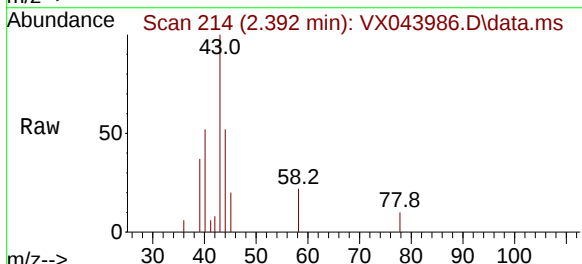
Acq: 25 Nov 2024 15:03

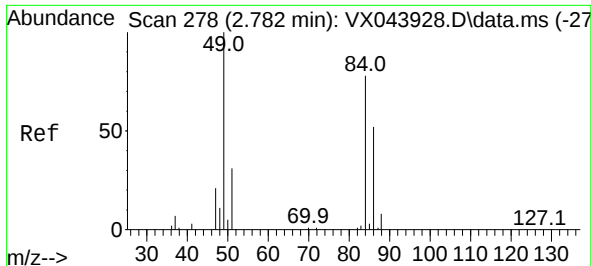
Tgt Ion: 43 Resp: 1579

Ion Ratio Lower Upper

43 100

58 21.8 22.7 34.1#

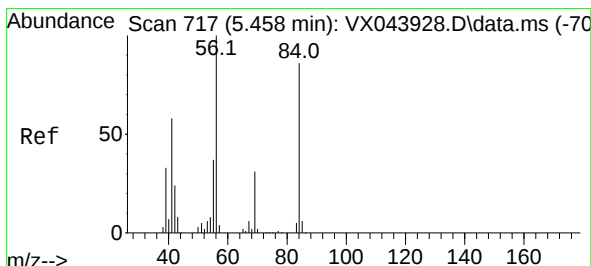
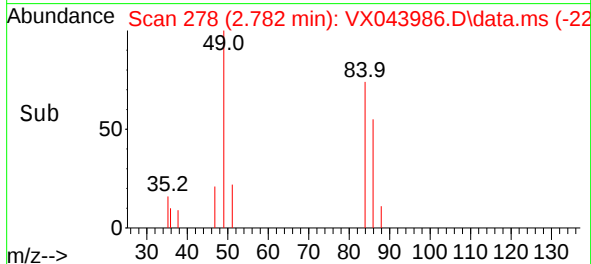
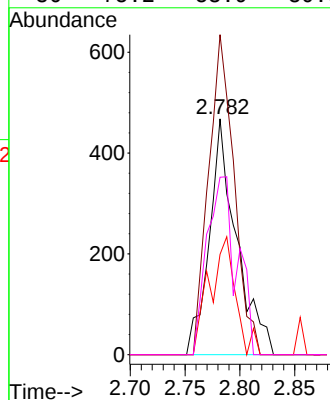
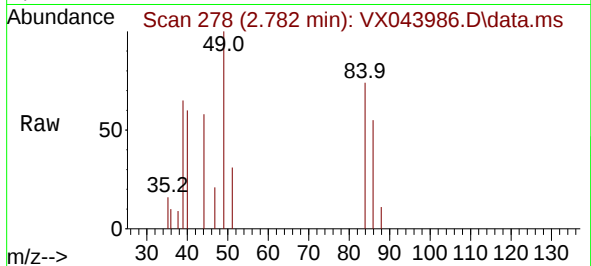




#20
Methylene Chloride
Concen: 0.540 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043986.D
Acq: 25 Nov 2024 15:03

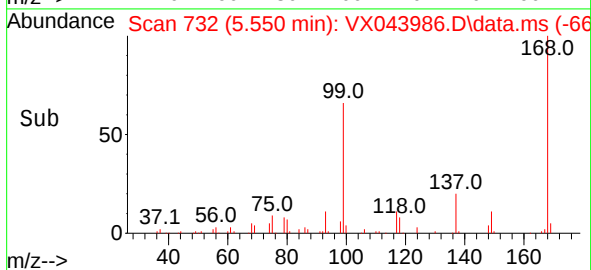
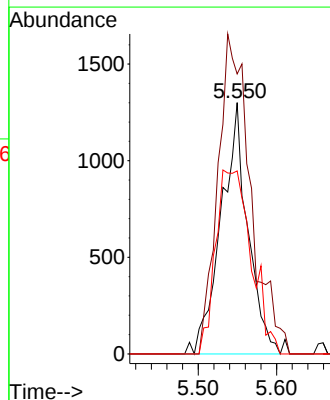
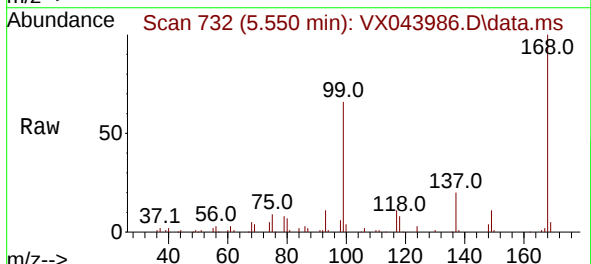
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

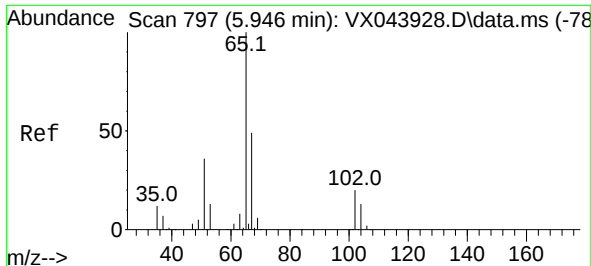
Tgt Ion:	84	Resp:	807
Ion	Ratio	Lower	Upper
84	100		
49	135.7	102.7	154.1
51	42.5	31.7	47.5
86	75.2	53.9	80.9



#31
Cyclohexane
Concen: 1.446 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX043986.D
Acq: 25 Nov 2024 15:03

Tgt Ion:	56	Resp:	3088
Ion	Ratio	Lower	Upper
56	100		
69	111.4	24.7	37.1#
84	72.8	68.7	103.1

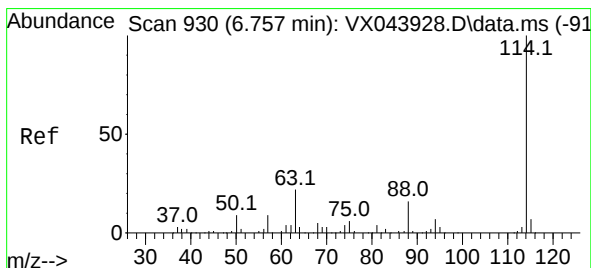
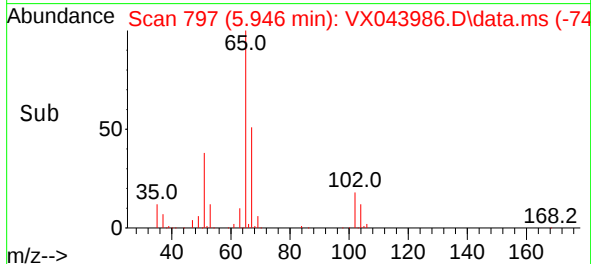
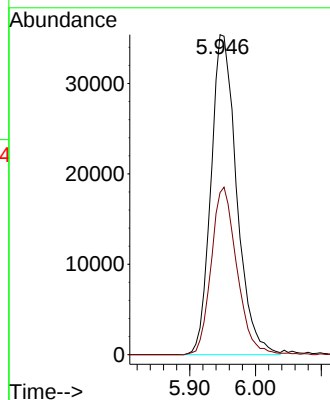
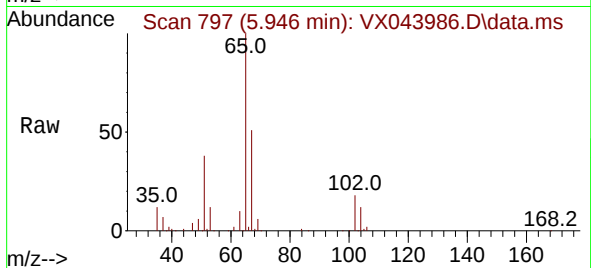




#33
1,2-Dichloroethane-d4
Concen: 50.235 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX043986.D
Acq: 25 Nov 2024 15:03

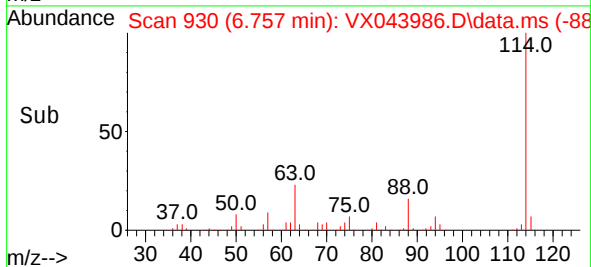
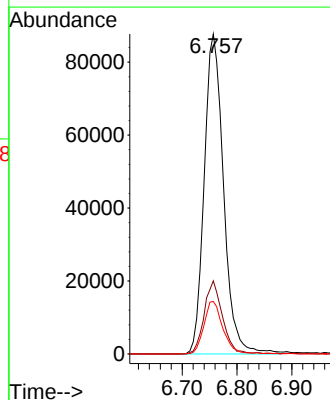
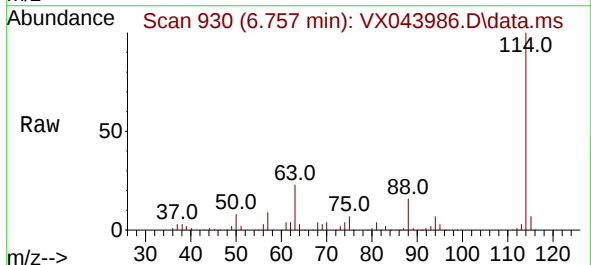
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

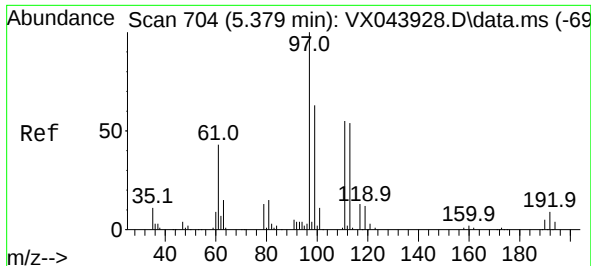
Tgt Ion: 65 Resp: 96245
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043986.D
Acq: 25 Nov 2024 15:03

Tgt Ion: 114 Resp: 214805
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.0
88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.487 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043986.D

Acq: 25 Nov 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

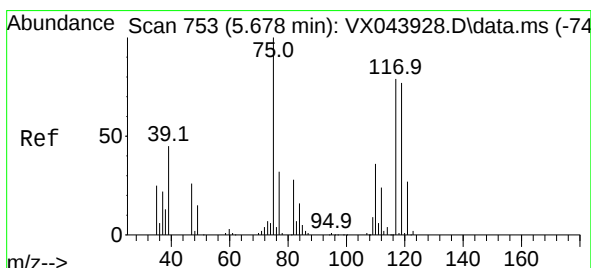
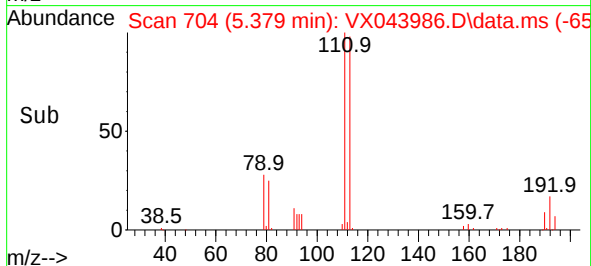
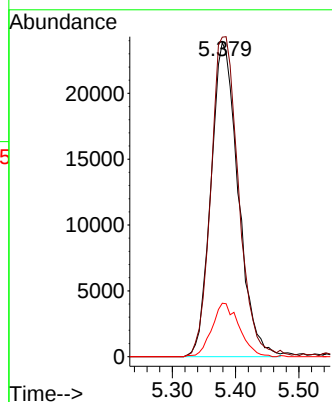
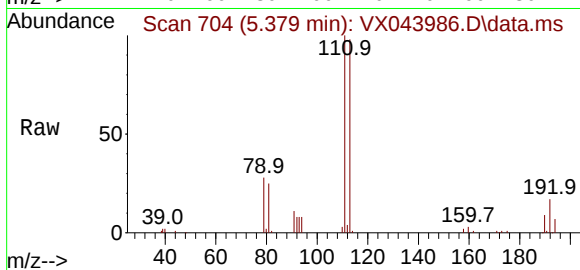
Tgt Ion:113 Resp: 71352

Ion Ratio Lower Upper

113 100

111 103.2 81.0 121.4

192 17.1 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.481 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX043986.D

Acq: 25 Nov 2024 15:03

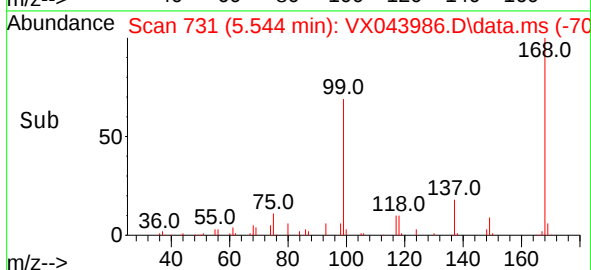
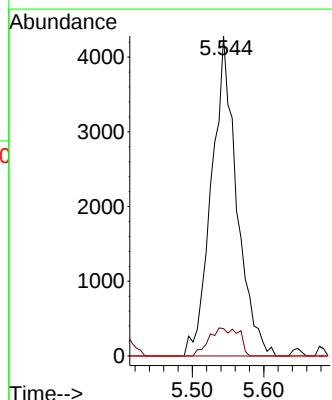
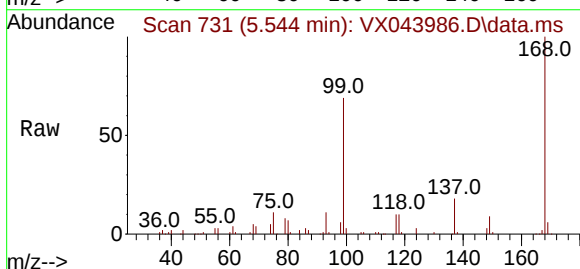
Tgt Ion: 75 Resp: 10483

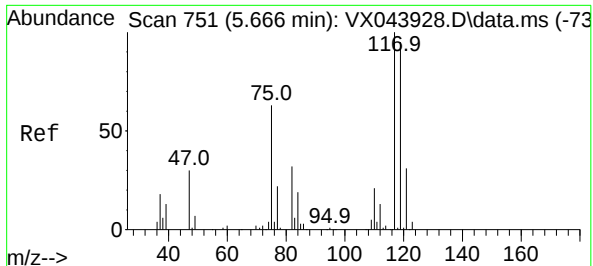
Ion Ratio Lower Upper

75 100

110 10.5 17.4 52.2#

77 0.0 25.8 38.8#





#38

Carbon Tetrachloride

Concen: 5.974 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX043986.D

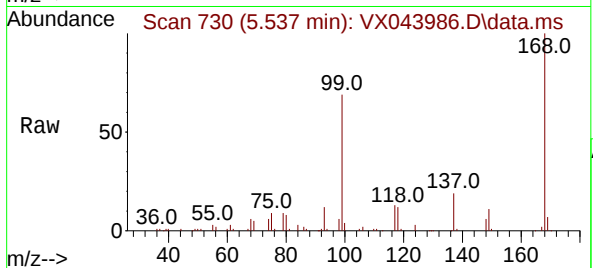
Acq: 25 Nov 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4



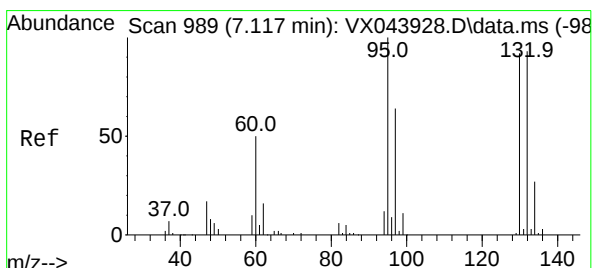
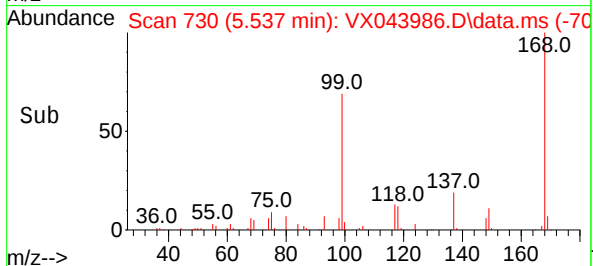
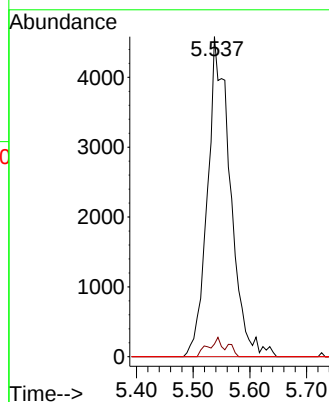
Tgt Ion:117 Resp: 12838

Ion Ratio Lower Upper

117 100

119 4.0 75.2 112.8#

121 0.0 24.5 36.7#



#44

Trichloroethene

Concen: 0.251 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.018 min

Lab File: VX043986.D

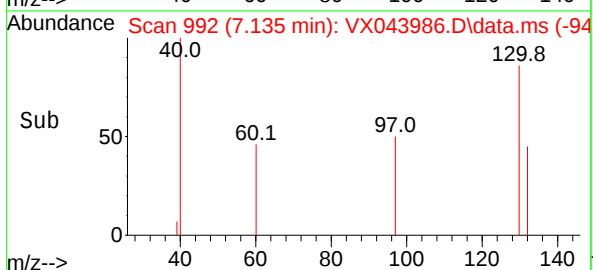
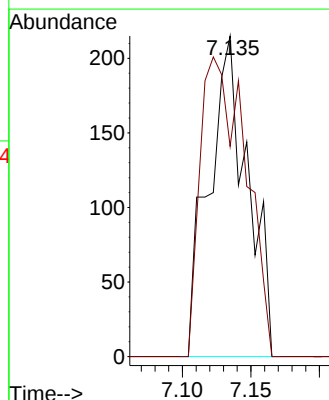
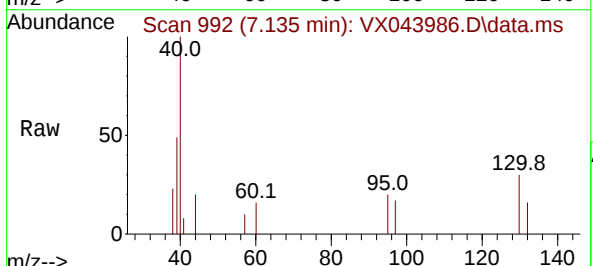
Acq: 25 Nov 2024 15:03

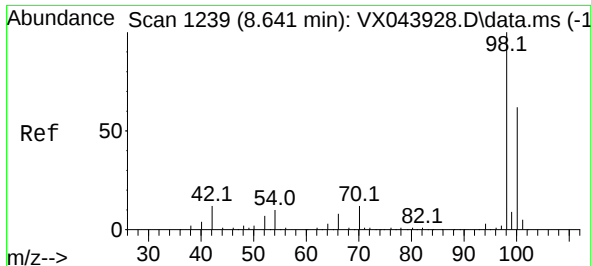
Tgt Ion:130 Resp: 423

Ion Ratio Lower Upper

130 100

95 65.6 0.0 217.8





#50

Toluene-d8

Concen: 49.421 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043986.D

Acq: 25 Nov 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

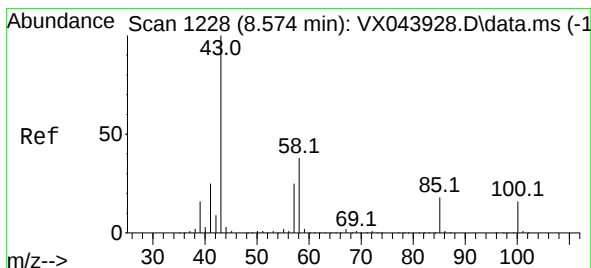
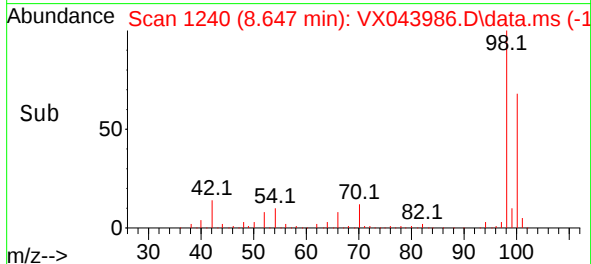
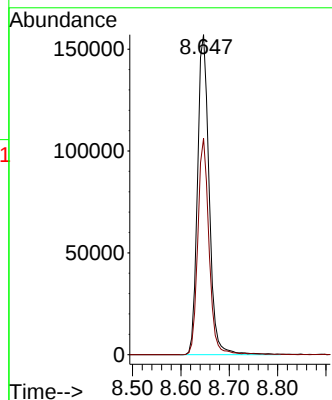
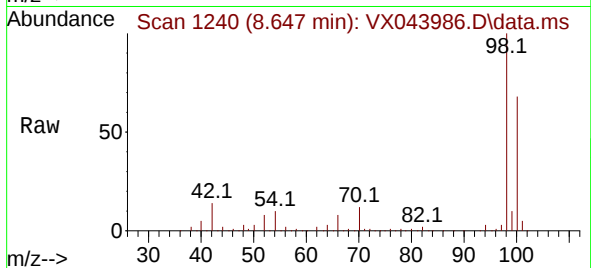
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 261482

Ion Ratio Lower Upper

98 100

100 64.8 52.6 79.0



#51

4-Methyl-2-Pentanone

Concen: 0.638 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX043986.D

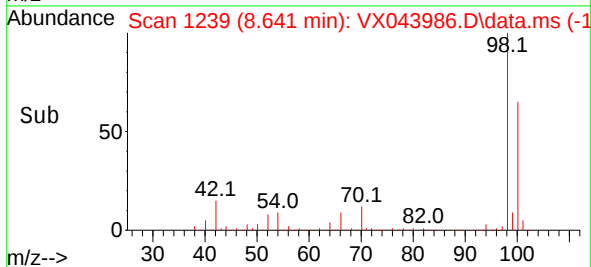
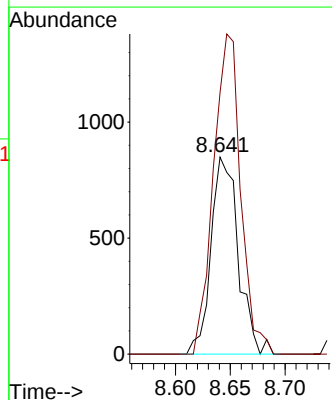
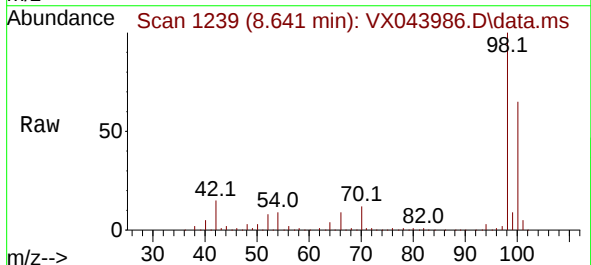
Acq: 25 Nov 2024 15:03

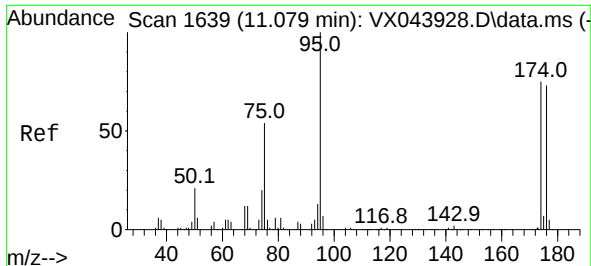
Tgt Ion: 43 Resp: 1470

Ion Ratio Lower Upper

43 100

58 162.4 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 47.396 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043986.D

Acq: 25 Nov 2024 15:03

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

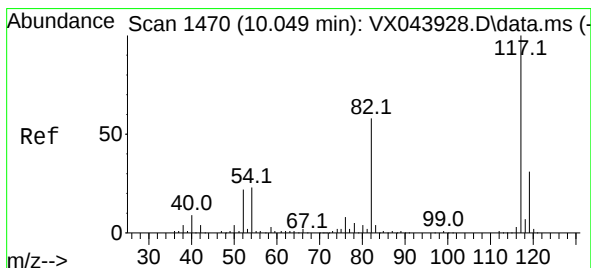
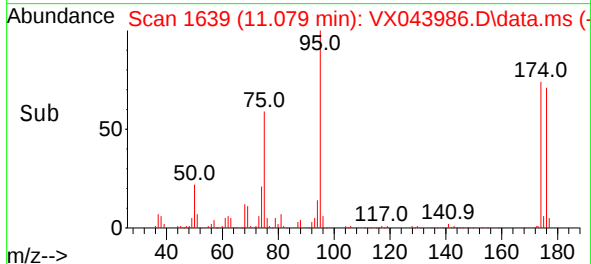
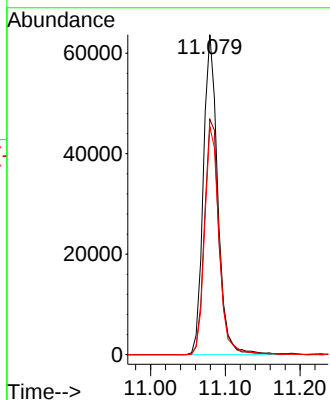
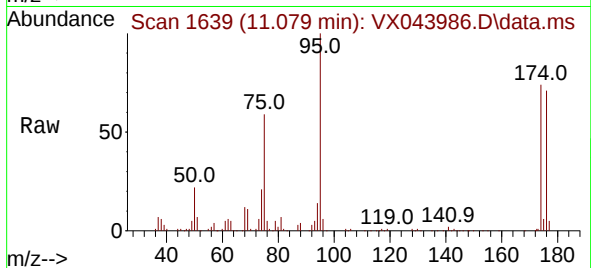
Tgt Ion: 95 Resp: 85344

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.4

176 71.9 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: VX043986.D

Acq: 25 Nov 2024 15:03

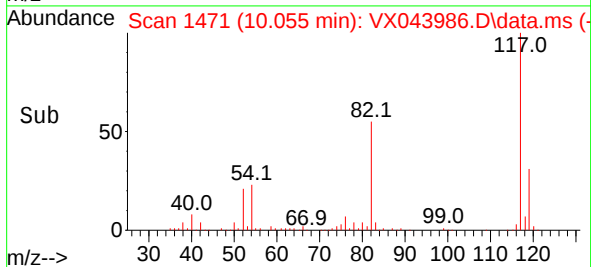
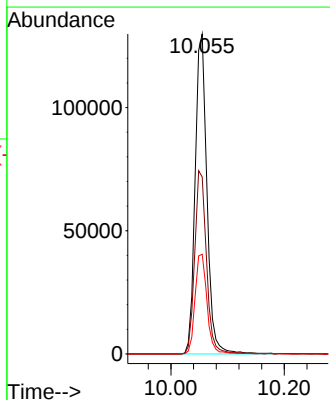
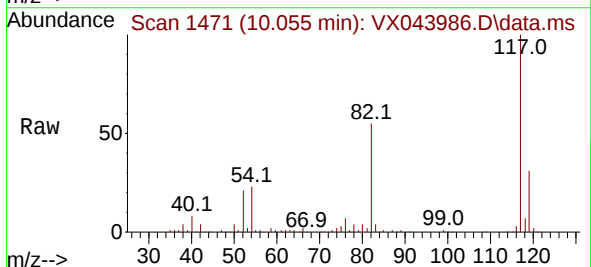
Tgt Ion:117 Resp: 187487

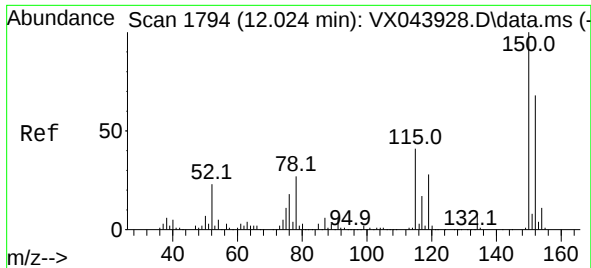
Ion Ratio Lower Upper

117 100

82 55.3 46.4 69.6

119 31.2 24.6 37.0

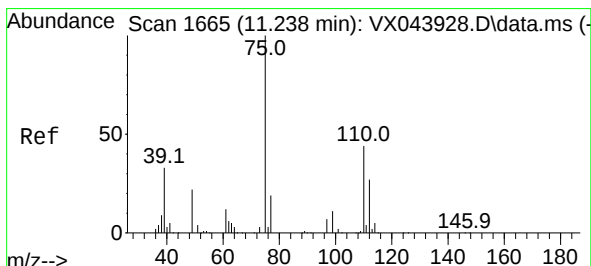
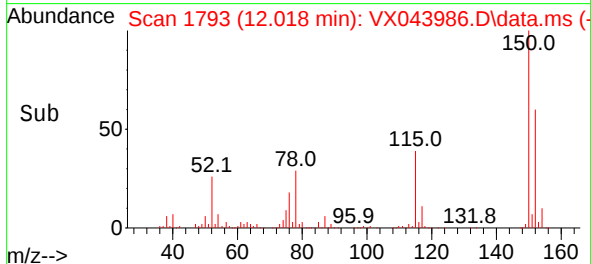
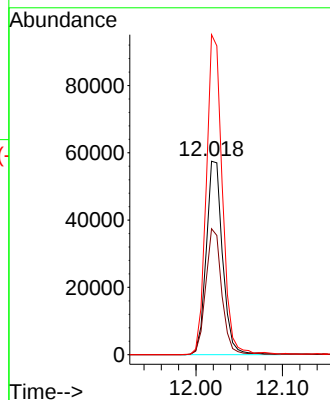
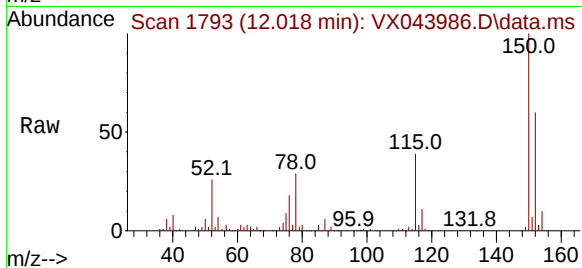




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VX043986.D
 Acq: 25 Nov 2024 15:03

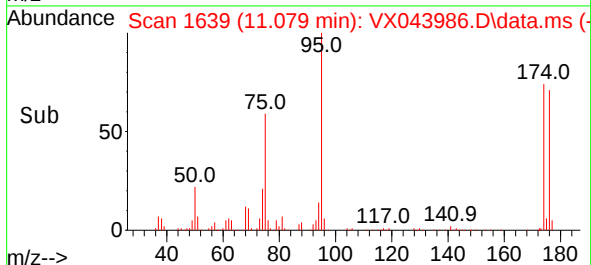
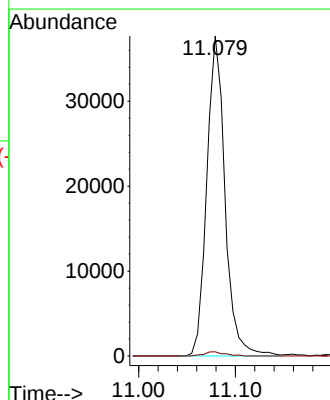
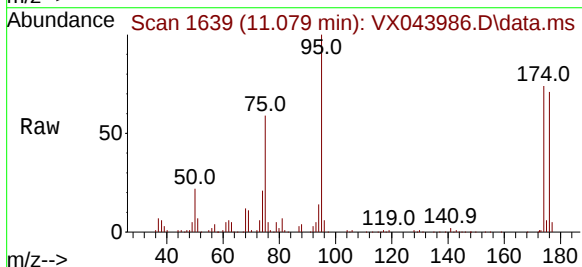
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

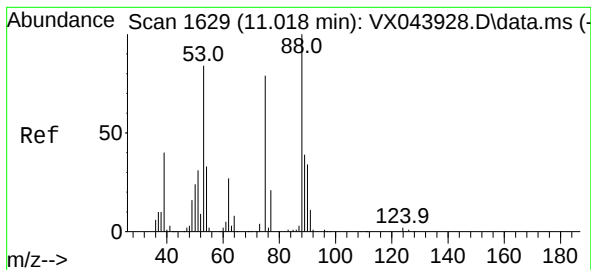
Tgt Ion:152 Resp: 75443
 Ion Ratio Lower Upper
 152 100
 115 63.9 45.4 136.2
 150 161.2 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 29.871 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043986.D
 Acq: 25 Nov 2024 15:03

Tgt Ion: 75 Resp: 49420
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.511 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043986.D
 Acq: 25 Nov 2024 15:03

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

Tgt Ion: 75 Resp: 49420
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.0 38.2 57.2#

