

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042113.D
 Acq On : 01 Jul 2024 14:45
 Operator : JC/MD
 Sample : P3123-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 02 02:05:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

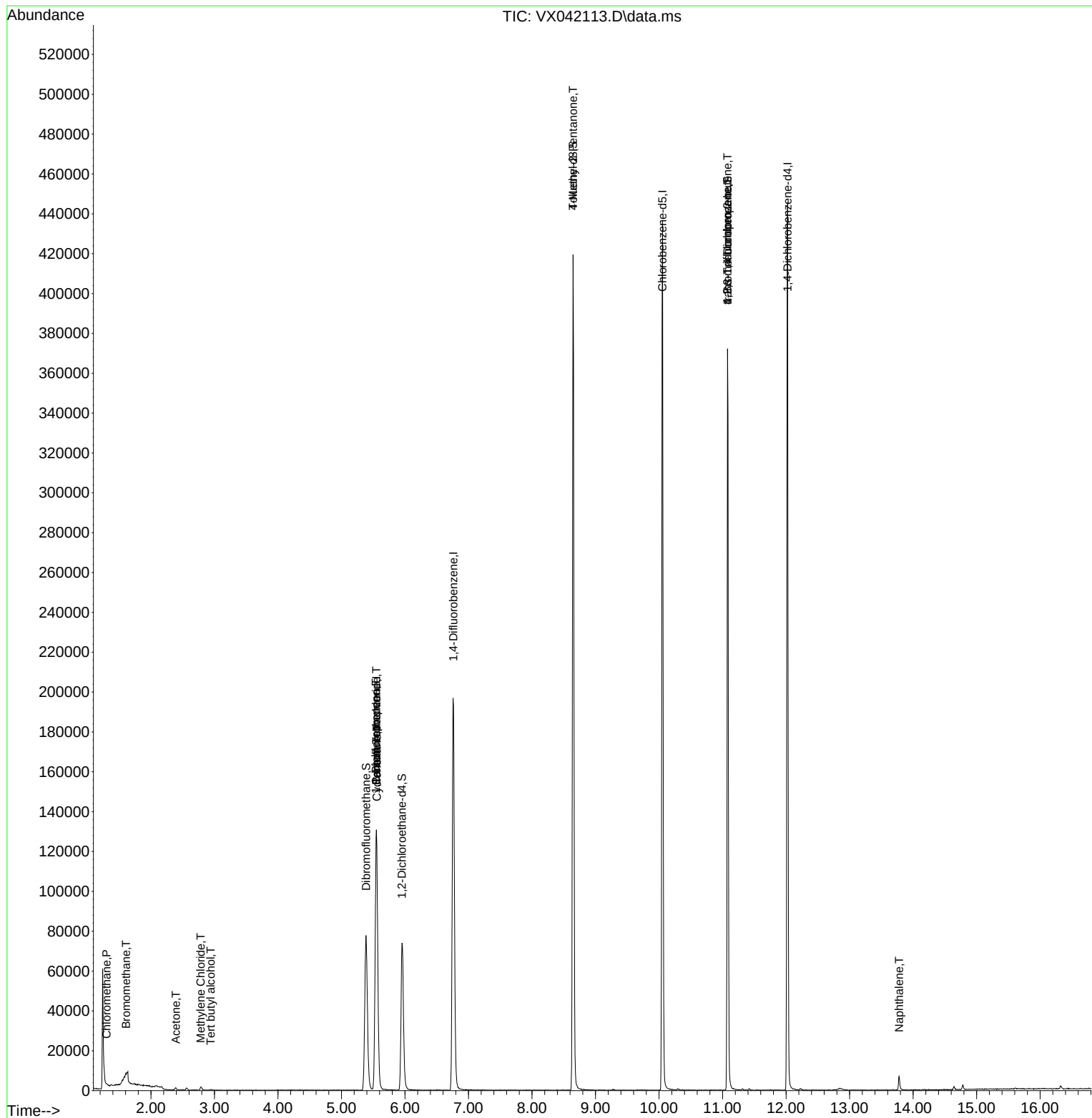
Internal Standards						
1) Pentafluorobenzene	5.550	168	144986	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	222981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71398	42.705	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.420%
35) Dibromofluoromethane	5.385	113	69715	44.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.120%
50) Toluene-d8	8.647	98	258619	46.529	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.060%
62) 4-Bromofluorobenzene	11.079	95	98911	48.275	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	621	0.448	ug/l	93
5) Bromomethane	1.605	94	206	0.300	ug/l	# 70
6) Chloroethane	1.648	64	472	Below Cal	#	62
11) Tert butyl alcohol	2.940	59	196	0.618	ug/l	# 78
16) Acetone	2.392	43	1302	1.774	ug/l	94
20) Methylene Chloride	2.782	84	957	0.595	ug/l	# 79
31) Cyclohexane	5.556	56	1886	0.965	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8249	4.910	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	12193	6.568	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	916	0.396	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	44110	22.339	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	44110	63.439	ug/l	# 5
95) Naphthalene	13.780	128	6433	1.560	ug/l	97

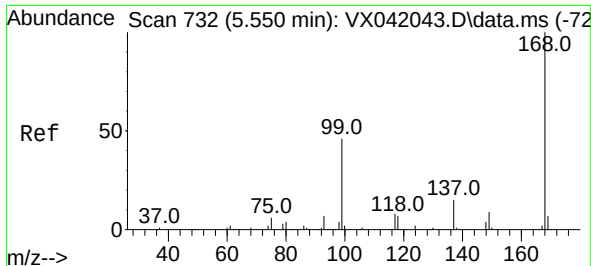
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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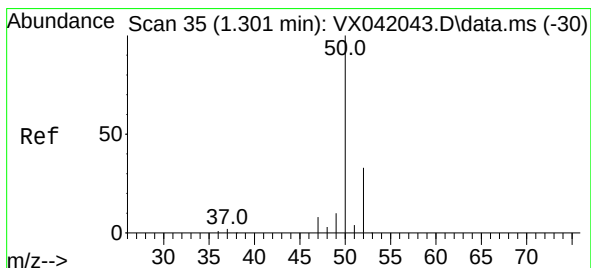
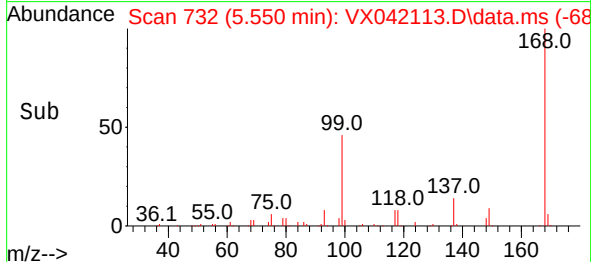
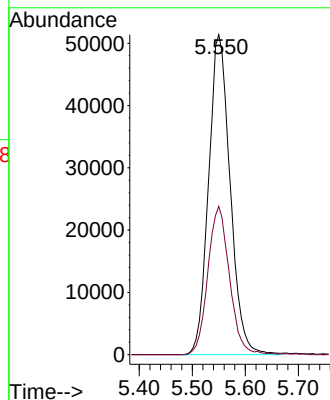
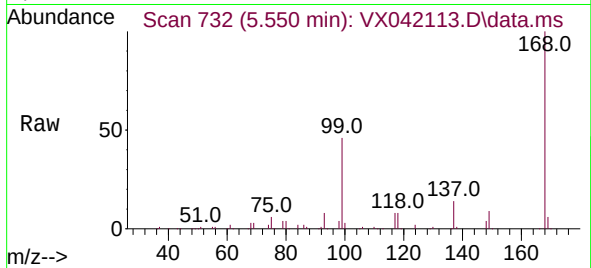




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX042113.D
Acq: 01 Jul 2024 14:45

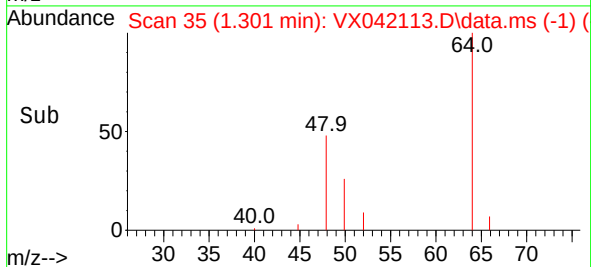
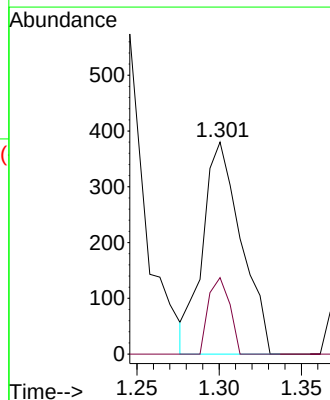
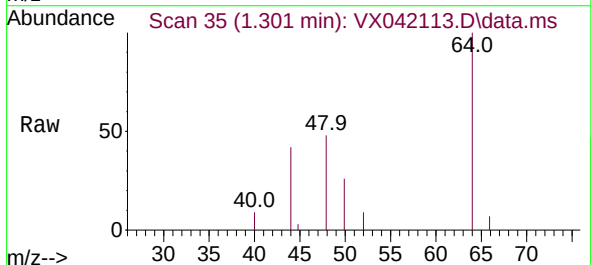
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

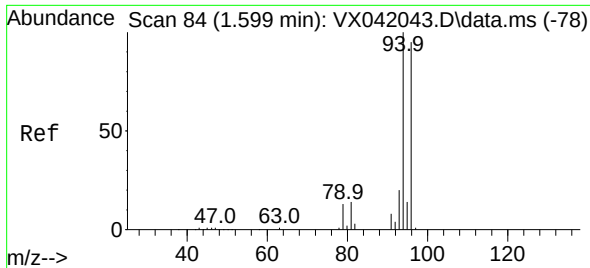
Tgt Ion:168 Resp: 144986
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0#



#3
Chloromethane
Concen: 0.448 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042113.D
Acq: 01 Jul 2024 14:45

Tgt Ion: 50 Resp: 621
Ion Ratio Lower Upper
50 100
52 36.1 25.5 38.3





#5

Bromomethane

Concen: 0.300 ug/l

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX042113.D

Acq: 01 Jul 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

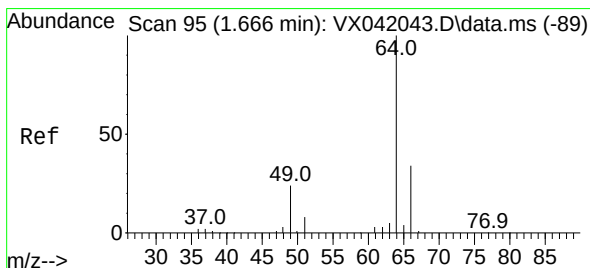
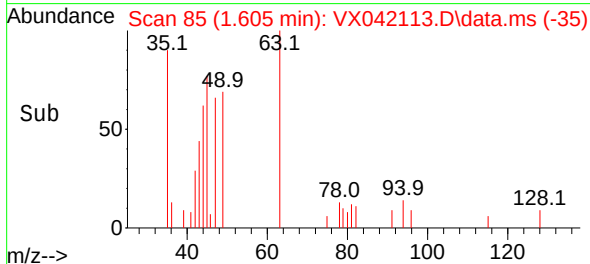
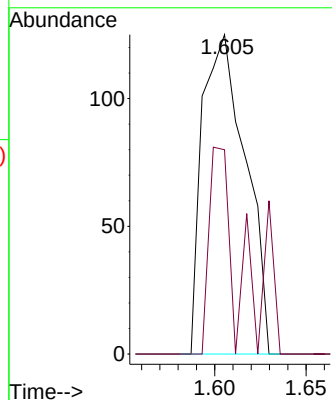
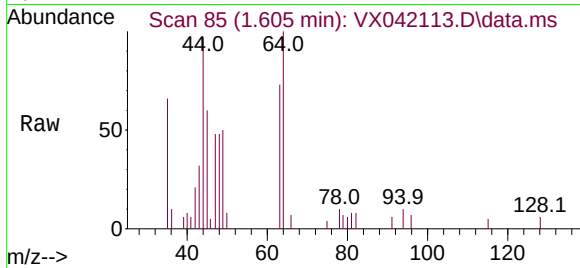
Storage-Blank-WATER-REF-4

Tgt Ion: 94 Resp: 206

Ion Ratio Lower Upper

94 100

96 64.0 74.6 111.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.648 min Scan# 92

Delta R.T. -0.012 min

Lab File: VX042113.D

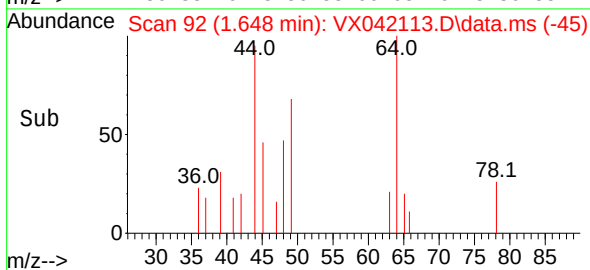
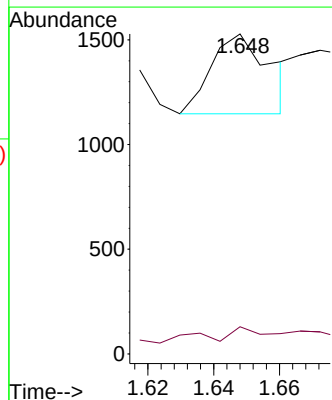
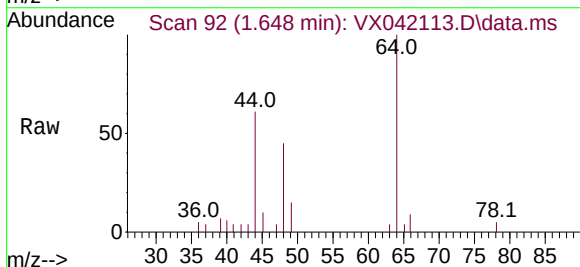
Acq: 01 Jul 2024 14:45

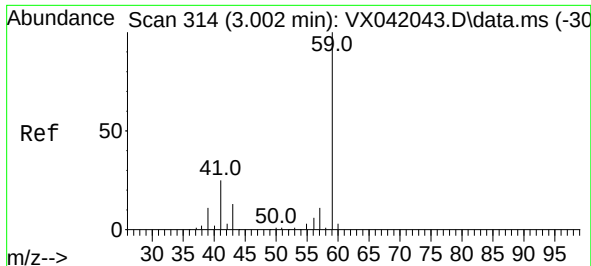
Tgt Ion: 64 Resp: 472

Ion Ratio Lower Upper

64 100

66 10.5 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.618 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX042113.D

Acq: 01 Jul 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

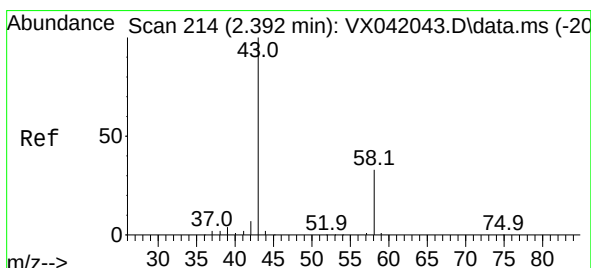
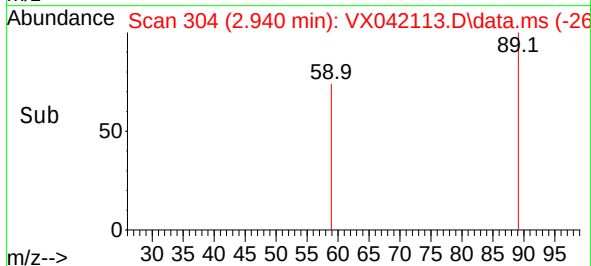
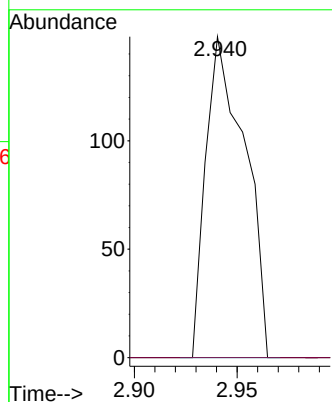
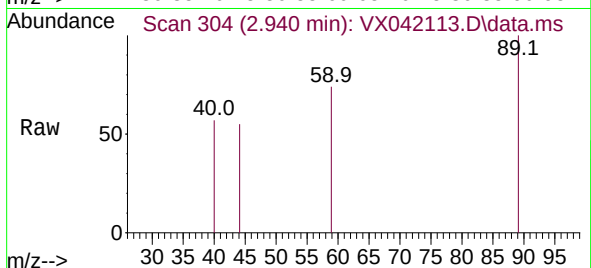
Storage-Blank-WATER-REF-4

Tgt Ion: 59 Resp: 196

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.774 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042113.D

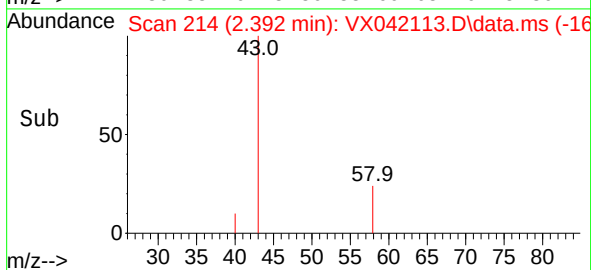
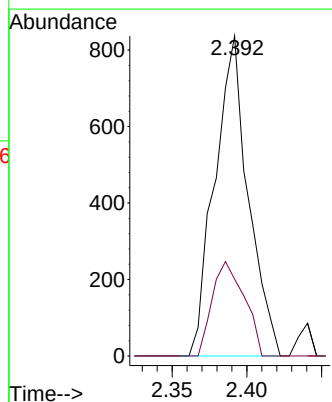
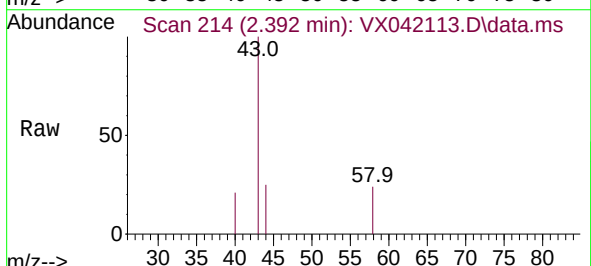
Acq: 01 Jul 2024 14:45

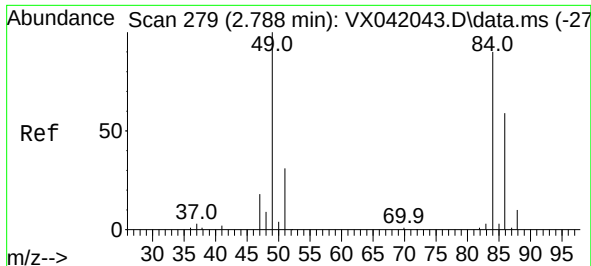
Tgt Ion: 43 Resp: 1302

Ion Ratio Lower Upper

43 100

58 24.0 21.9 32.9

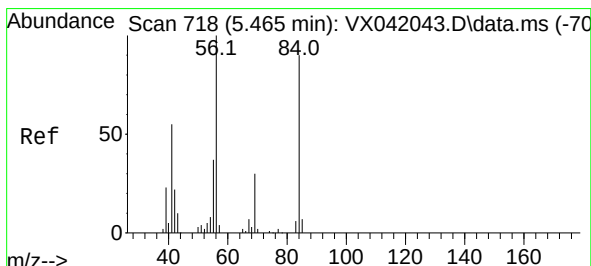
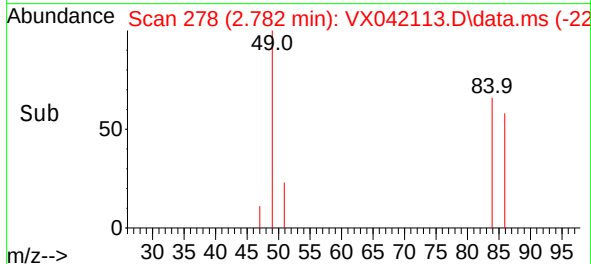
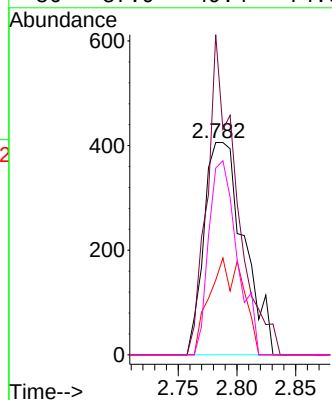
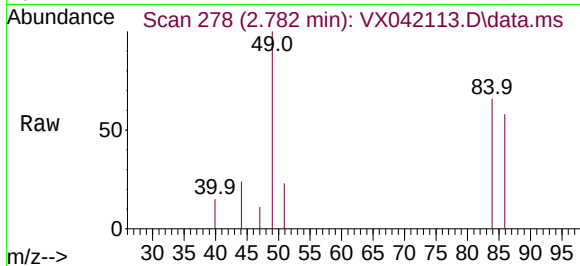




#20
Methylene Chloride
Concen: 0.595 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042113.D
Acq: 01 Jul 2024 14:45

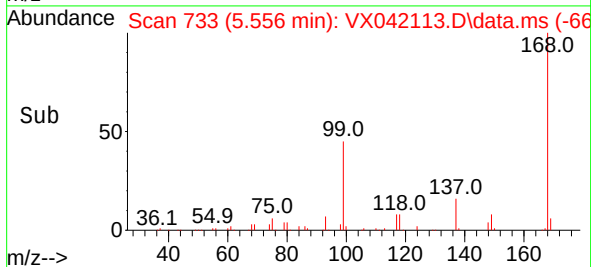
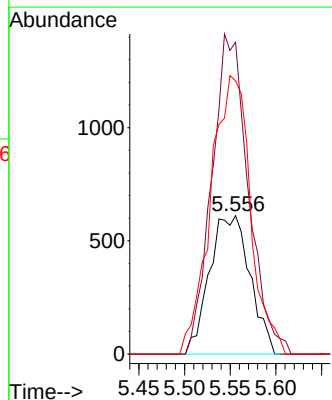
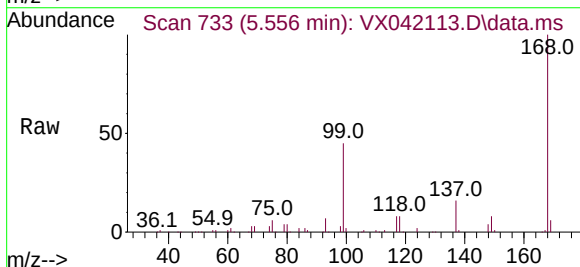
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

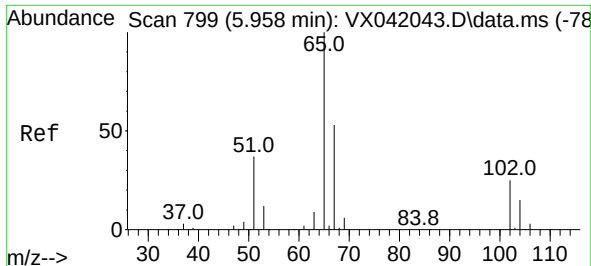
Tgt Ion:	84	Resp:	957
Ion	Ratio	Lower	Upper
84	100		
49	150.7	103.6	155.4
51	35.2	33.8	50.6
86	87.9	49.4	74.0#



#31
Cyclohexane
Concen: 0.965 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX042113.D
Acq: 01 Jul 2024 14:45

Tgt Ion:	56	Resp:	1886
Ion	Ratio	Lower	Upper
56	100		
69	225.5	23.4	35.2#
84	197.5	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.705 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042113.D

Acq: 01 Jul 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

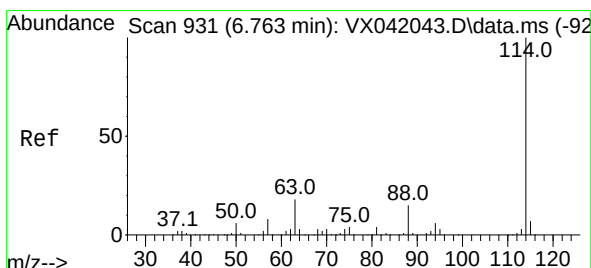
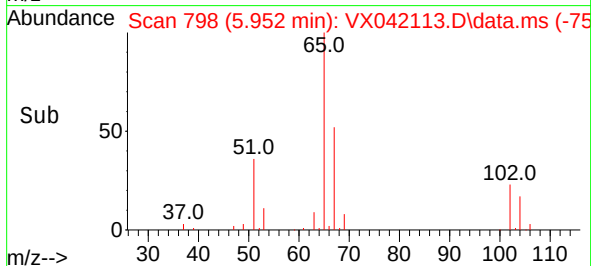
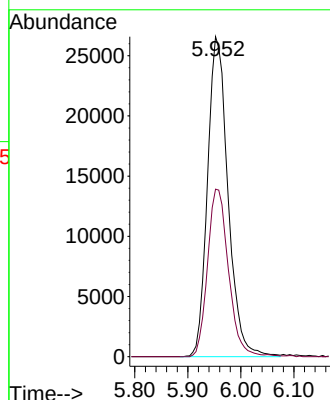
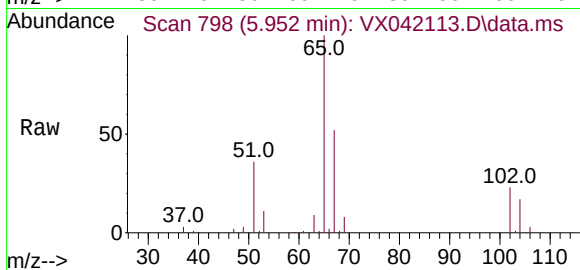
Storage-Blank-WATER-REF-4

Tgt Ion: 65 Resp: 71398

Ion Ratio Lower Upper

65 100

67 53.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042113.D

Acq: 01 Jul 2024 14:45

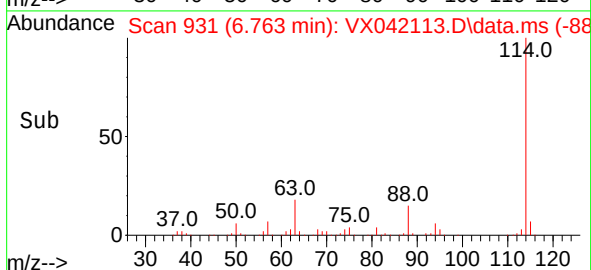
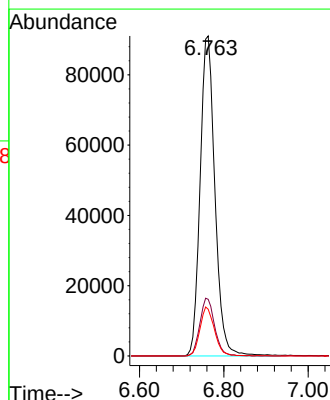
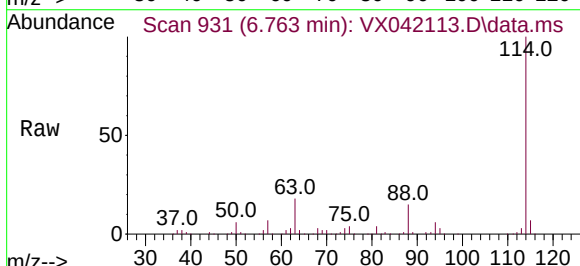
Tgt Ion: 114 Resp: 222981

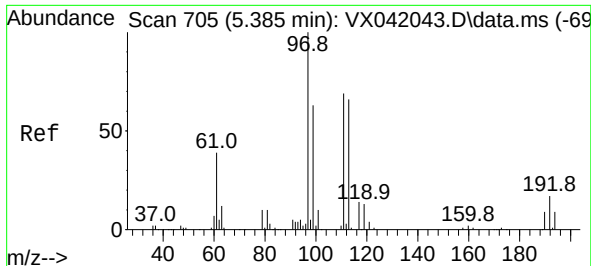
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.063 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042113.D

Acq: 01 Jul 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

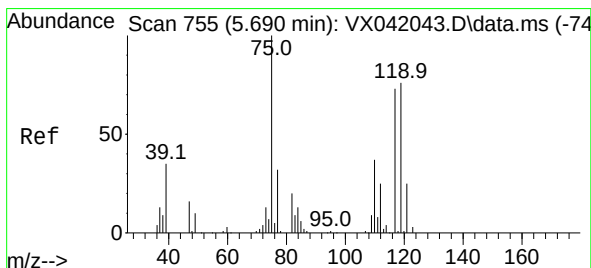
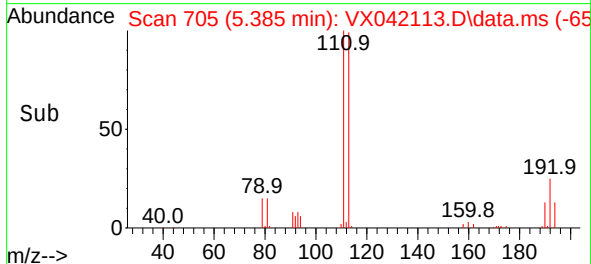
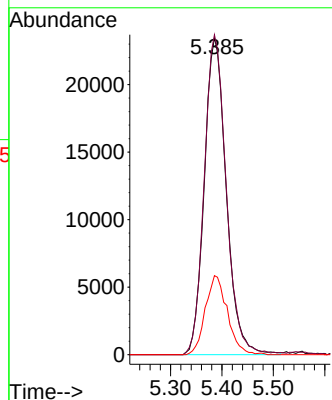
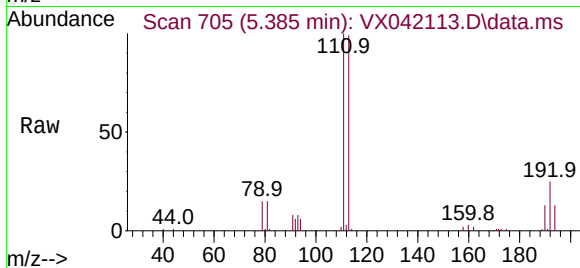
Tgt Ion:113 Resp: 69715

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

192 25.0 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.910 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX042113.D

Acq: 01 Jul 2024 14:45

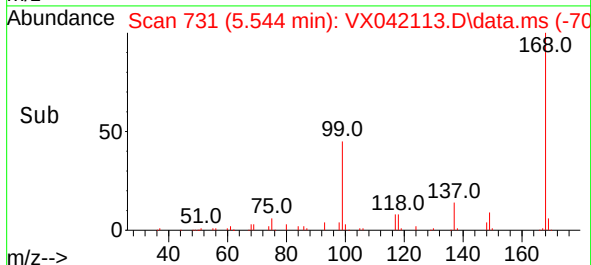
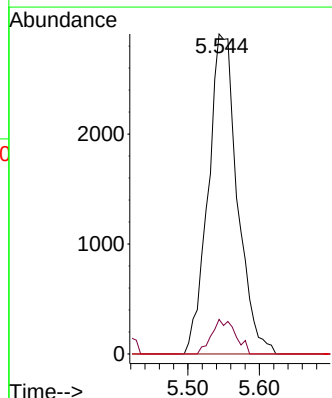
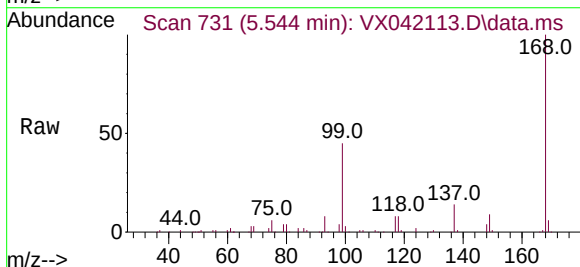
Tgt Ion: 75 Resp: 8249

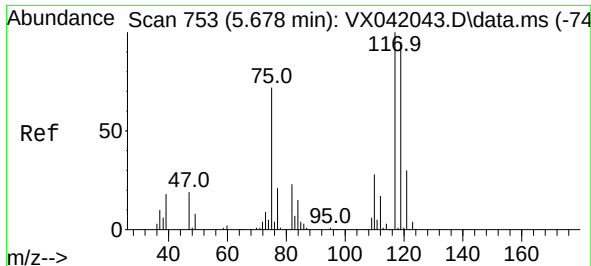
Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.568 ug/l

RT: 5.550 min Scan# 74

Delta R.T. -0.128 min

Lab File: VX042113.D

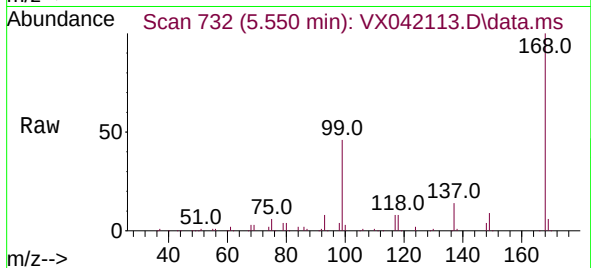
Acq: 01 Jul 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4



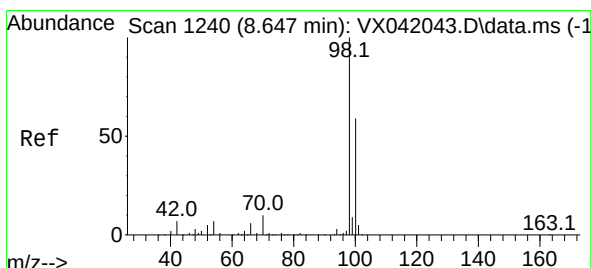
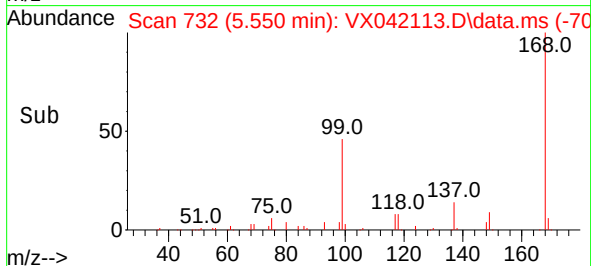
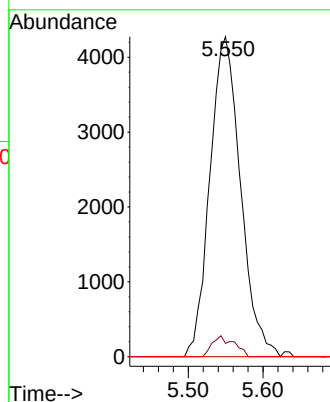
Tgt Ion:117 Resp: 12193

Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 46.529 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042113.D

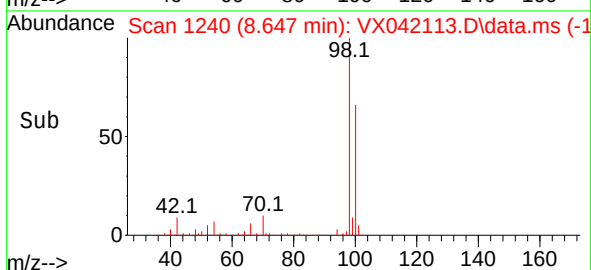
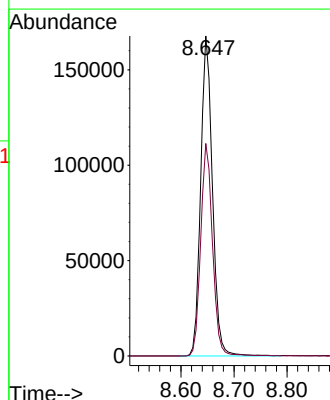
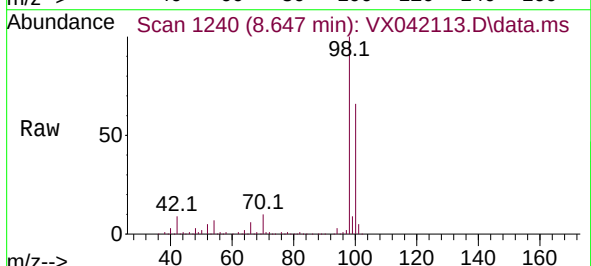
Acq: 01 Jul 2024 14:45

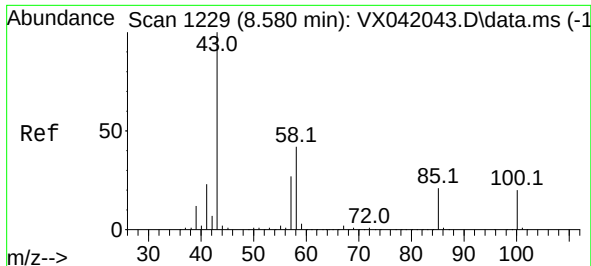
Tgt Ion: 98 Resp: 258619

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7

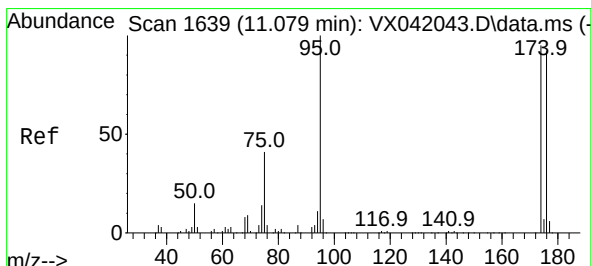
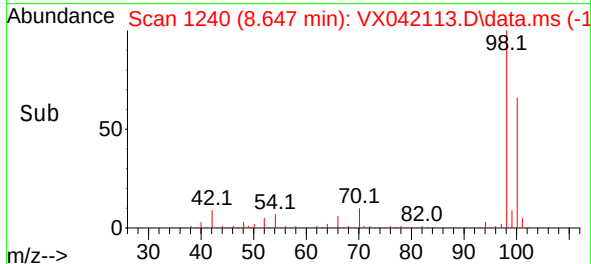
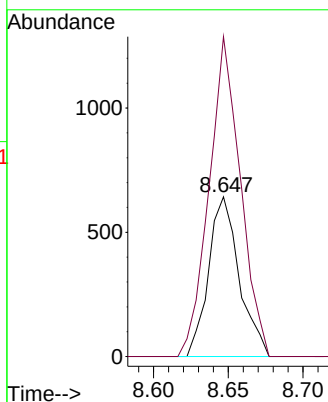
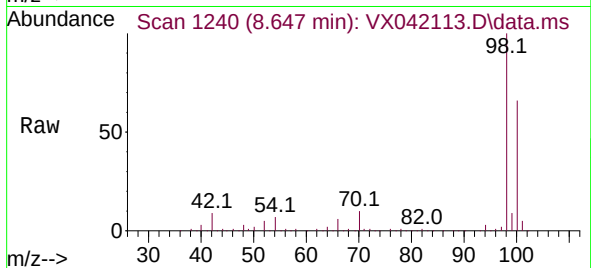




#51
4-Methyl-2-Pentanone
Concen: 0.396 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042113.D
Acq: 01 Jul 2024 14:45

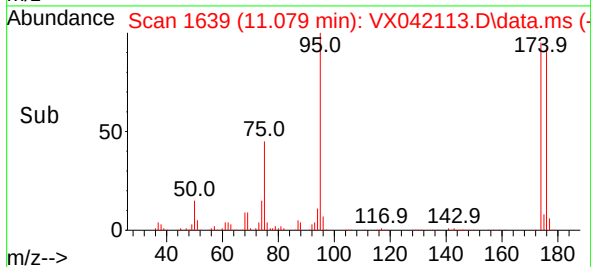
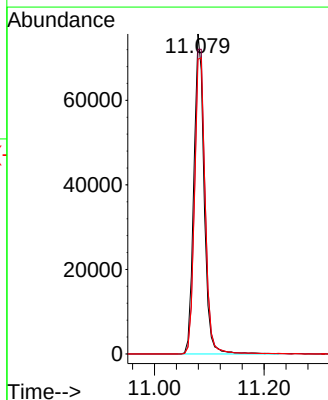
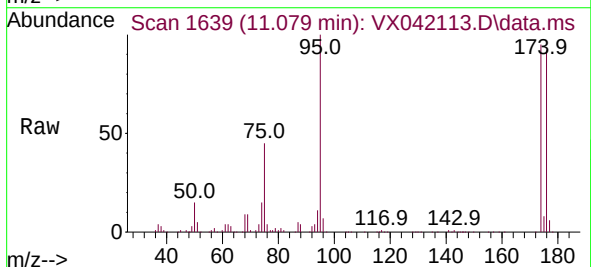
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

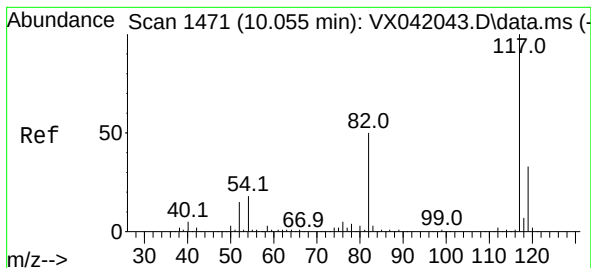
Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
58 205.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.275 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042113.D
Acq: 01 Jul 2024 14:45

Tgt Ion: 95 Resp: 98911
Ion Ratio Lower Upper
95 100
174 98.6 0.0 135.6
176 96.1 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042113.D

Acq: 01 Jul 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

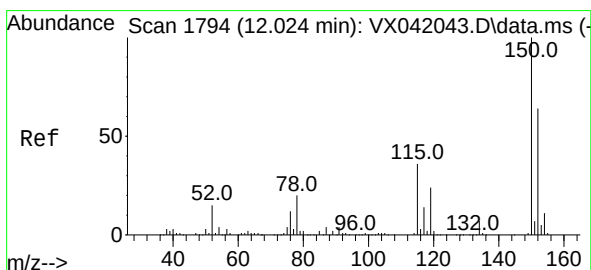
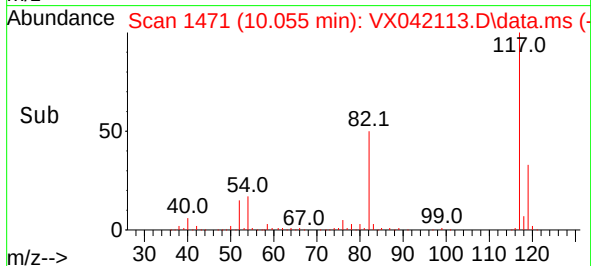
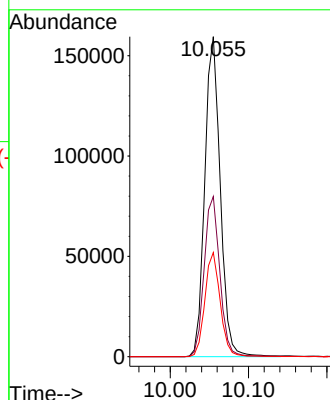
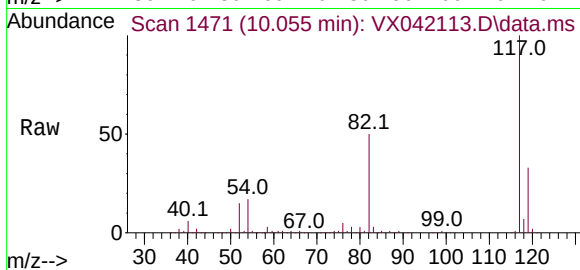
Tgt Ion:117 Resp: 218675

Ion Ratio Lower Upper

117 100

82 50.1 46.2 69.4

119 32.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042113.D

Acq: 01 Jul 2024 14:45

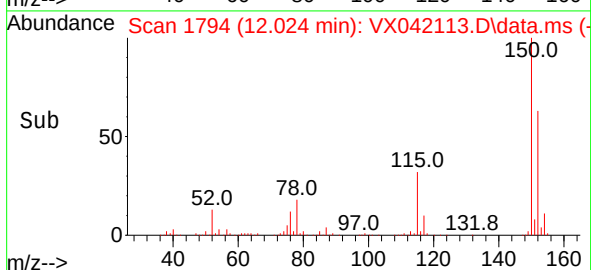
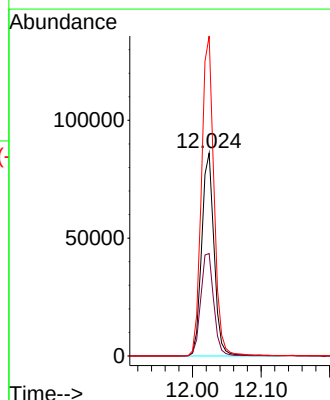
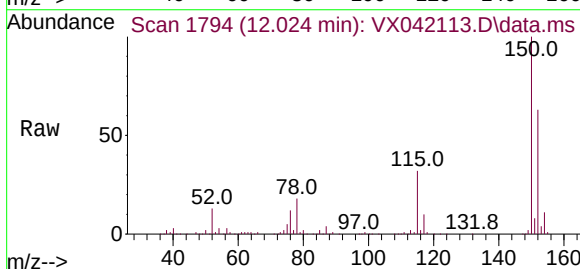
Tgt Ion:152 Resp: 108770

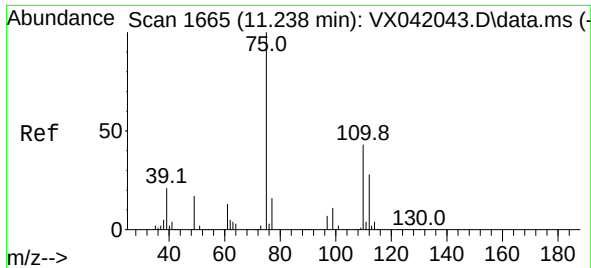
Ion Ratio Lower Upper

152 100

115 53.3 43.3 129.9

150 159.5 0.0 345.0

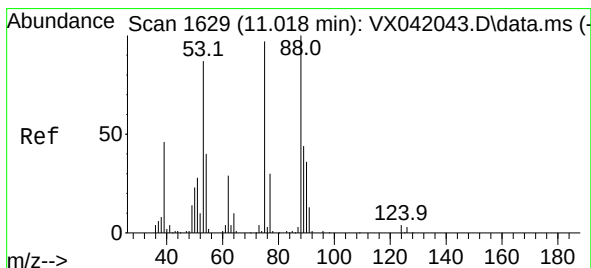
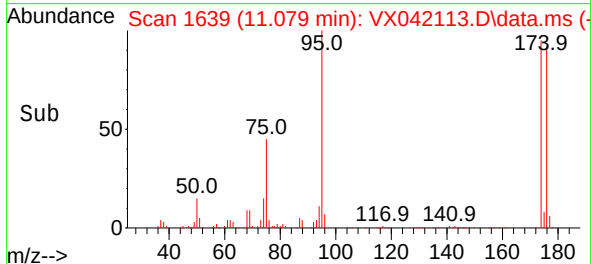
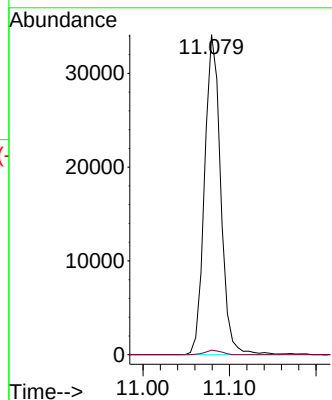
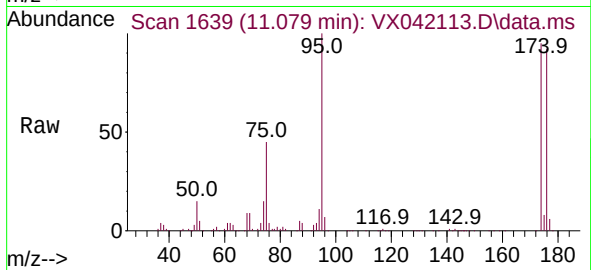




#76
1,2,3-Trichloropropane
Concen: 22.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX042113.D
Acq: 01 Jul 2024 14:45

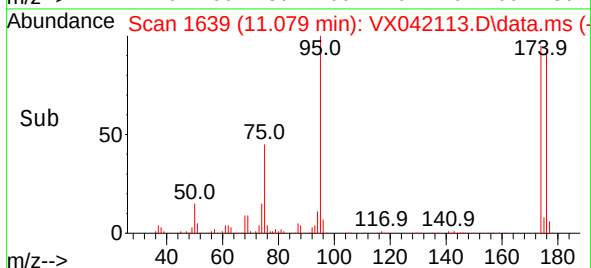
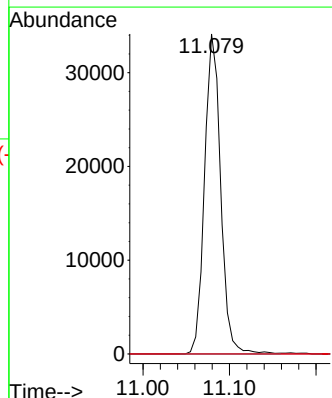
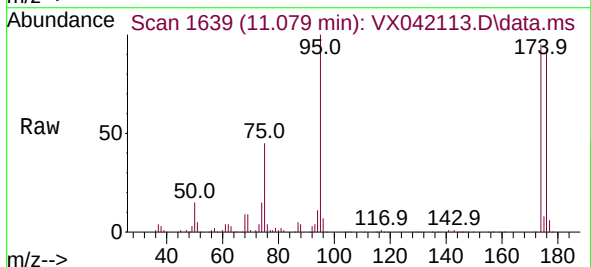
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

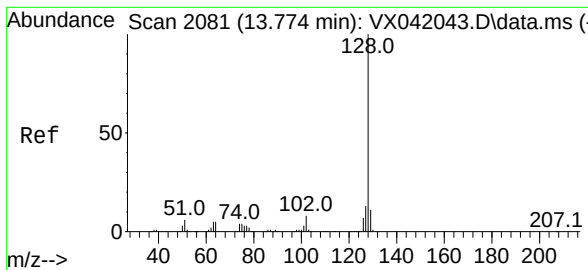
Tgt Ion: 75 Resp: 44110
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042113.D
Acq: 01 Jul 2024 14:45

Tgt Ion: 75 Resp: 44110
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
 Naphthalene
 Concen: 1.560 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX042113.D
 Acq: 01 Jul 2024 14:45

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

Tgt Ion:	128	Resp:	6433
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.3	15.5
129	9.9	8.8	13.2

