

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035938.D
 Acq On : 31 May 2023 15:58
 Operator : JC/MD
 Sample : 02970-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 01 05:16:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

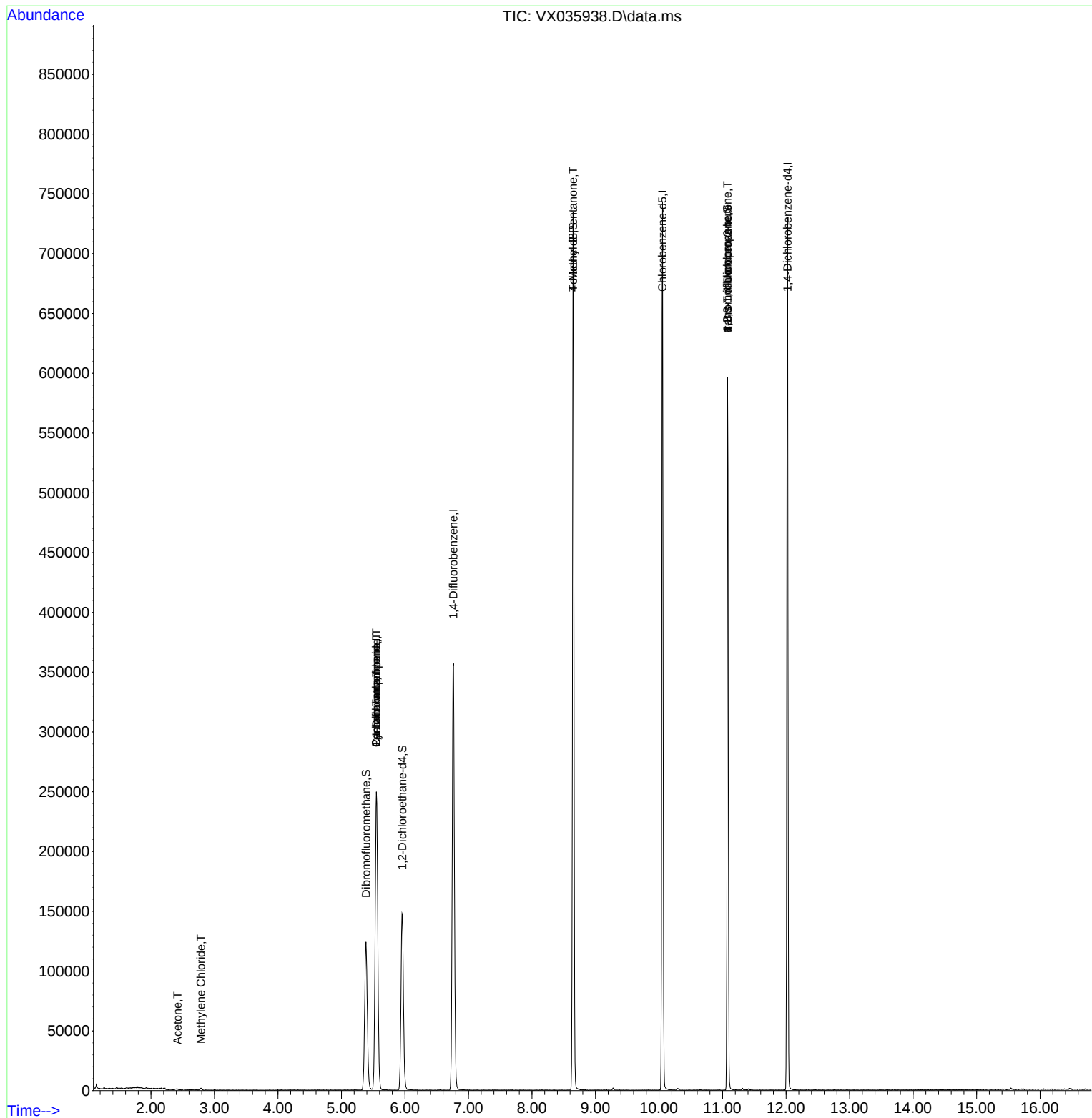
Internal Standards						
1) Pentafluorobenzene	5.550	168	225633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	363643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148749	40.598	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.200%
35) Dibromofluoromethane	5.385	113	109827	44.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.800%
50) Toluene-d8	8.647	98	421188	47.982	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.079	95	161117	46.496	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.000%
Target Compounds						
					Qvalue	
16) Acetone	2.416	43	1093	0.723	ug/l #	82
20) Methylene Chloride	2.788	84	777	0.267	ug/l #	79
31) Cyclohexane	5.550	56	5199	1.355	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19389	5.945	ug/l #	52
38) Carbon Tetrachloride	5.550	117	24503	7.710	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1946	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	82738	24.552	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	82738	82.698	ug/l #	3

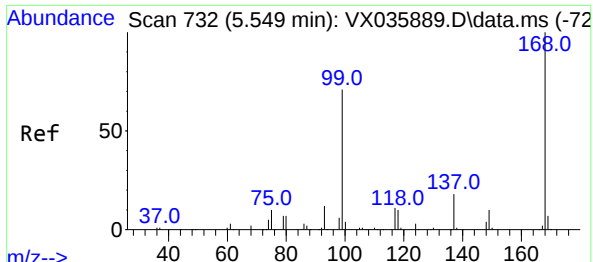
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 01 05:16:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

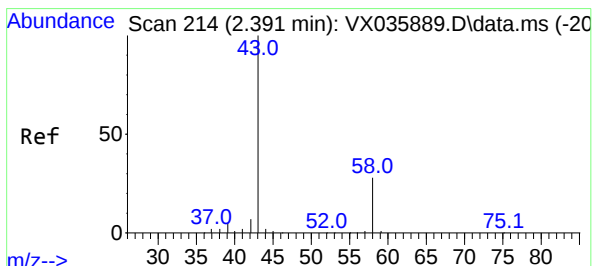
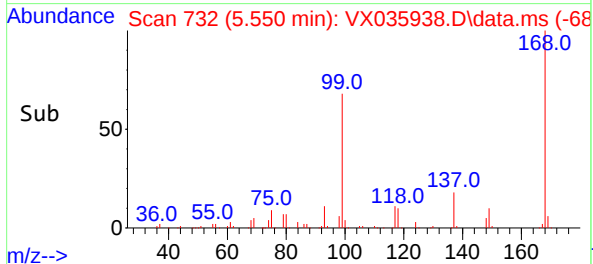
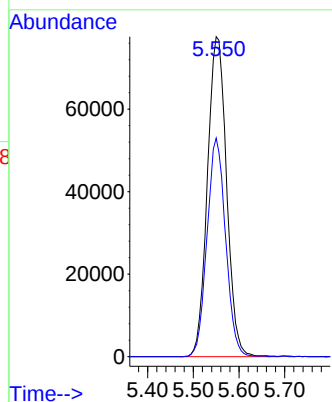
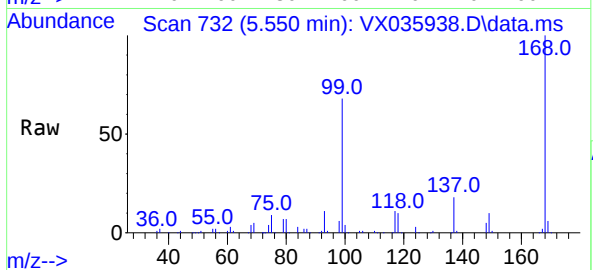




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035938.D
Acq: 31 May 2023 15:58

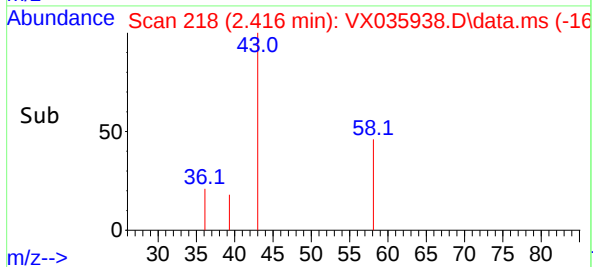
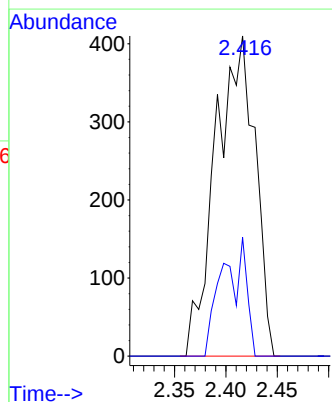
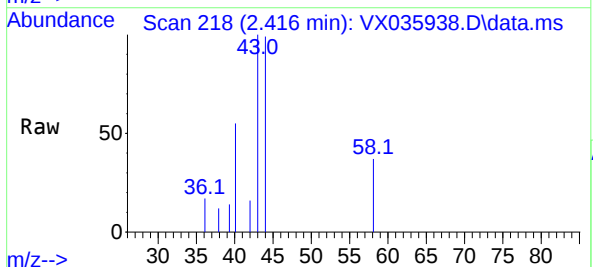
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

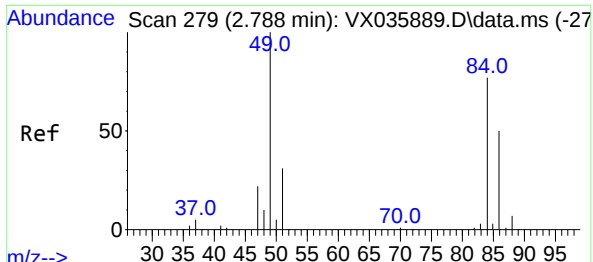
Tgt Ion:168 Resp: 225633
Ion Ratio Lower Upper
168 100
99 68.3 57.0 85.6



#16
Acetone
Concen: 0.723 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.025 min
Lab File: VX035938.D
Acq: 31 May 2023 15:58

Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 37.1 22.2 33.2#





#20

Methylene Chloride

Concen: 0.267 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035938.D

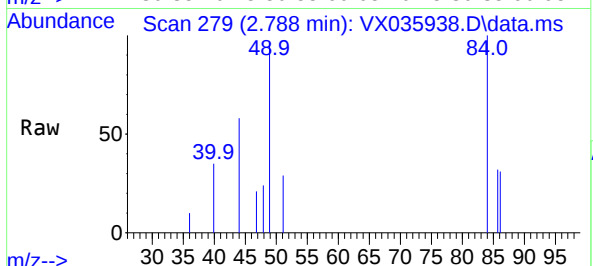
Acq: 31 May 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion: 84 Resp: 777

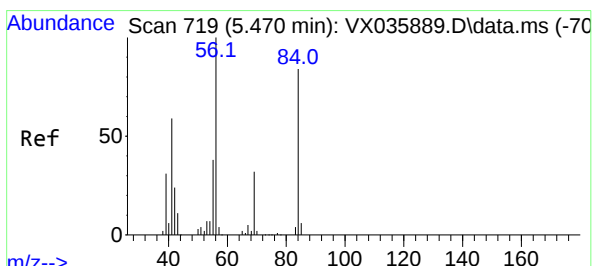
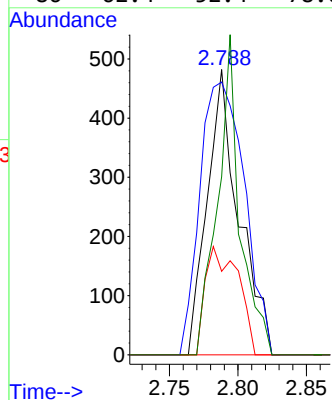
Ion Ratio Lower Upper

84 100

49 95.6 104.6 156.8#

51 29.3 32.2 48.4#

86 62.4 52.4 78.6



#31

Cyclohexane

Concen: 1.355 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX035938.D

Acq: 31 May 2023 15:58

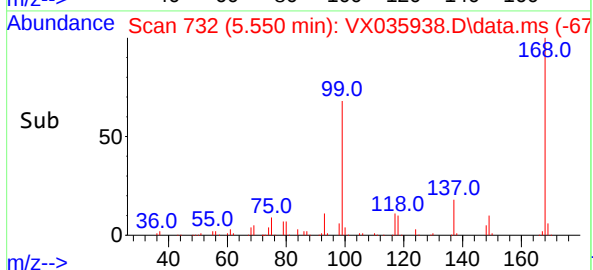
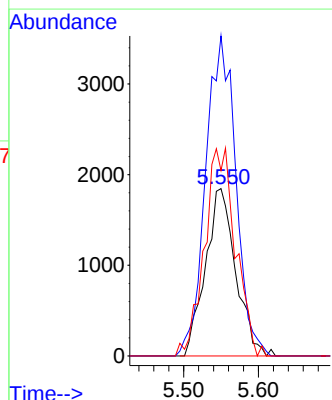
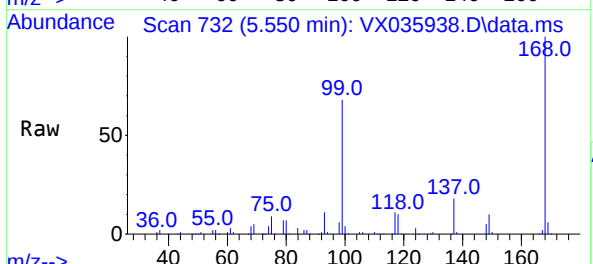
Tgt Ion: 56 Resp: 5199

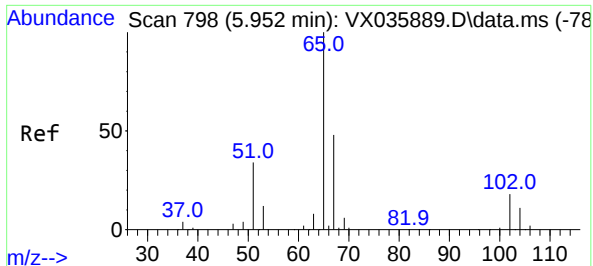
Ion Ratio Lower Upper

56 100

69 191.2 25.9 38.9#

84 110.8 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 40.598 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035938.D

Acq: 31 May 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

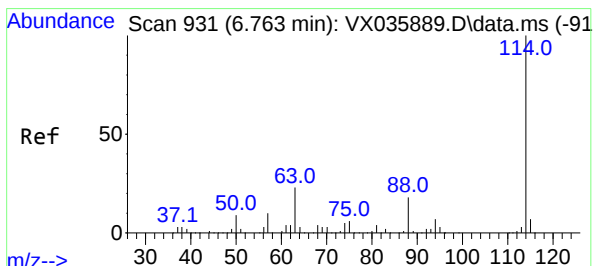
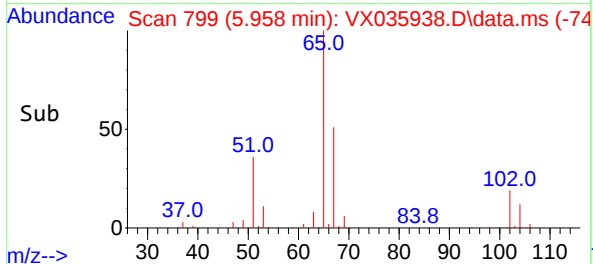
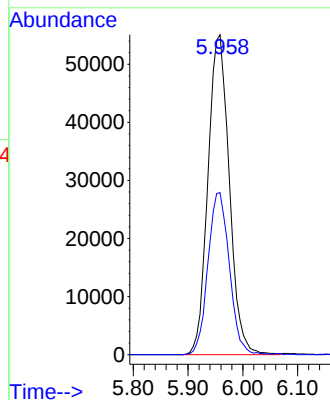
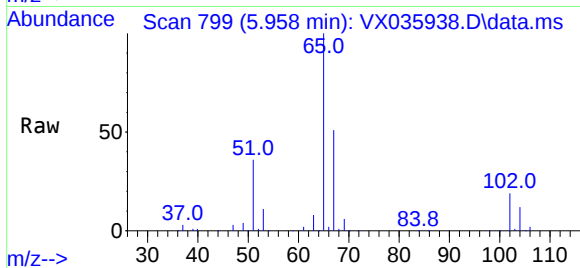
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 148749

Ion Ratio Lower Upper

65 100

67 50.8 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035938.D

Acq: 31 May 2023 15:58

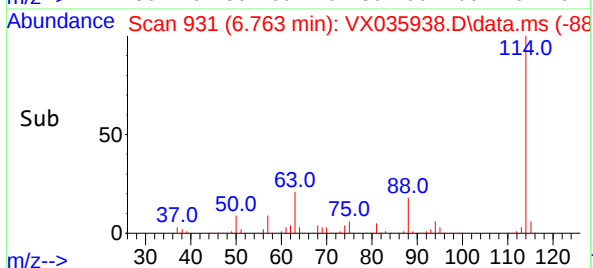
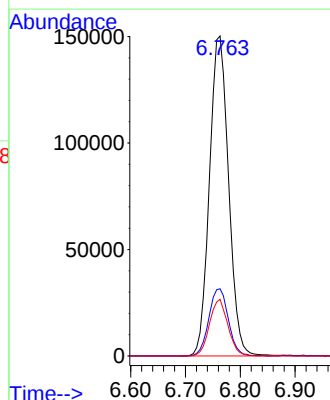
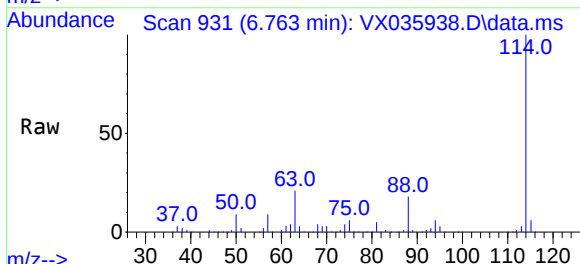
Tgt Ion: 114 Resp: 363643

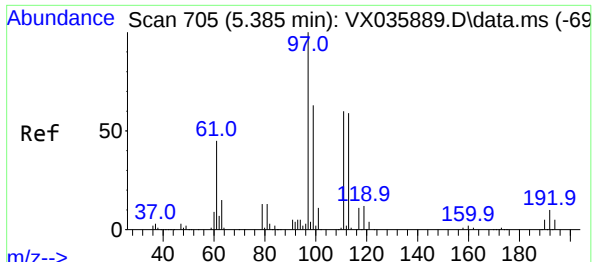
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.0

88 17.7 0.0 35.2

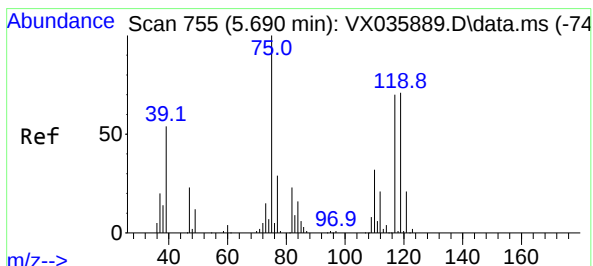
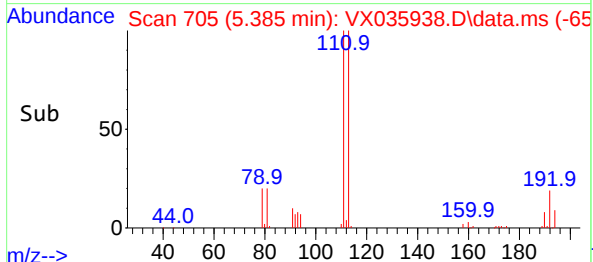
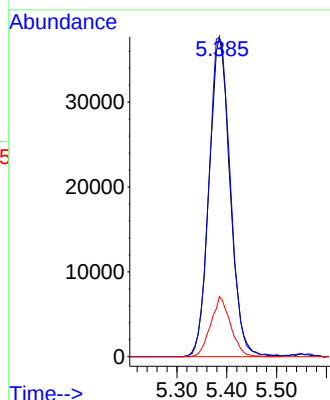
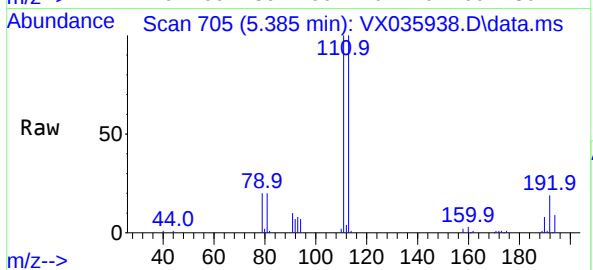




#35
Dibromofluoromethane
Concen: 44.904 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035938.D
Acq: 31 May 2023 15:58

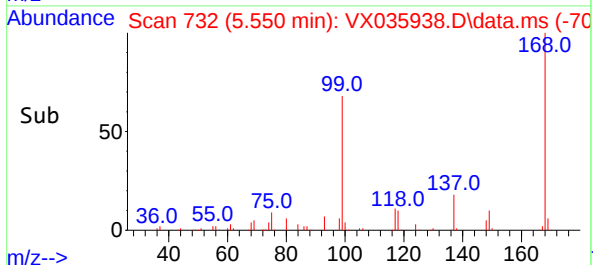
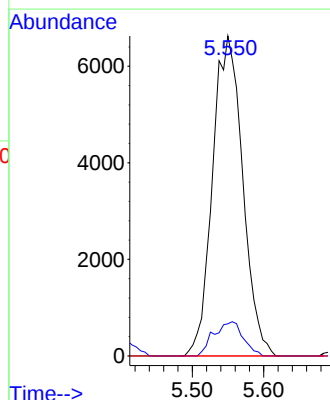
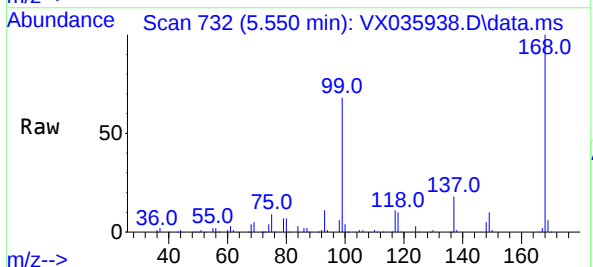
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

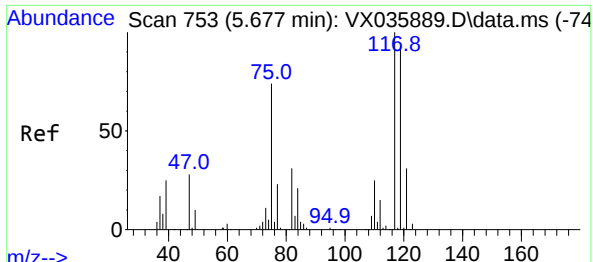
Tgt Ion:113 Resp: 109827
Ion Ratio Lower Upper
113 100
111 102.3 81.7 122.5
192 17.8 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.945 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035938.D
Acq: 31 May 2023 15:58

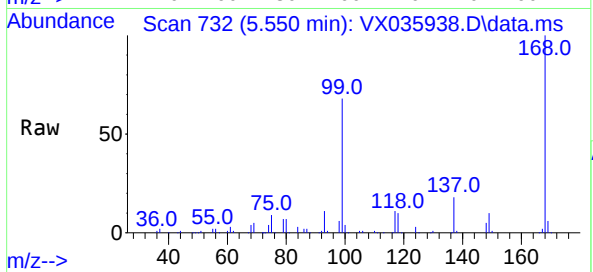
Tgt Ion: 75 Resp: 19389
Ion Ratio Lower Upper
75 100
110 10.5 16.6 49.7#
77 0.0 24.4 36.6#



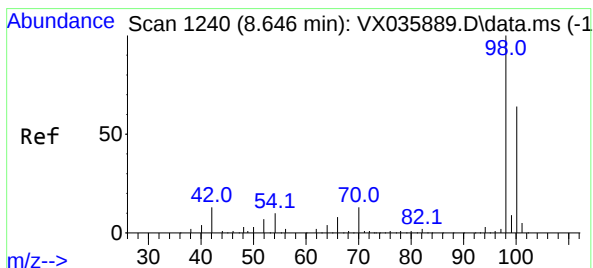
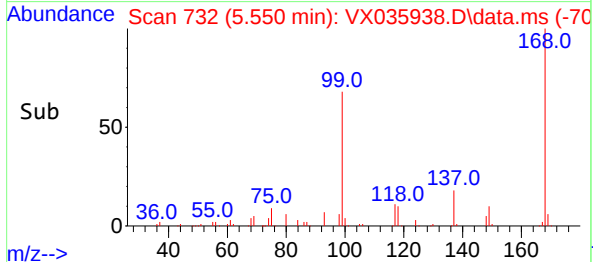
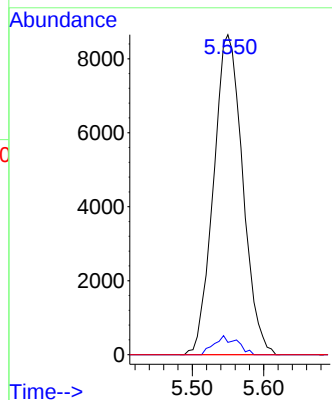


#38
Carbon Tetrachloride
Concen: 7.710 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035938.D
Acq: 31 May 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

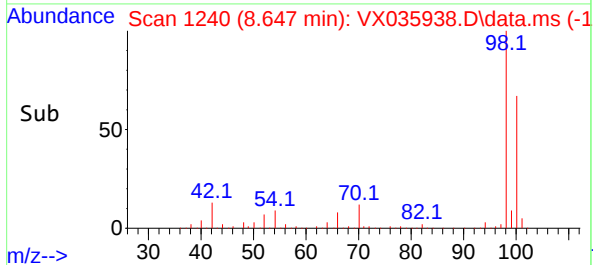
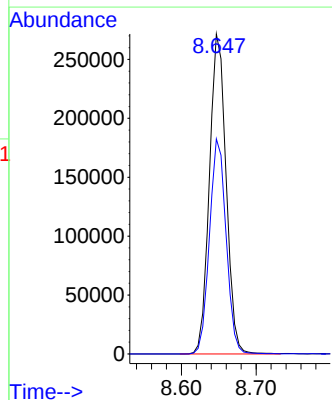
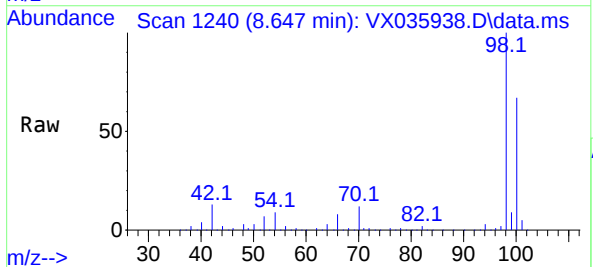


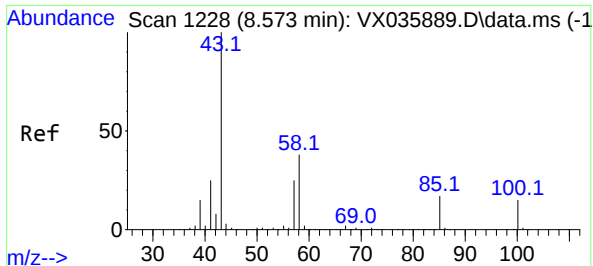
Tgt Ion:117 Resp: 24503
Ion Ratio Lower Upper
117 100
119 3.9 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 47.982 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035938.D
Acq: 31 May 2023 15:58

Tgt Ion: 98 Resp: 421188
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.534 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX035938.D

Acq: 31 May 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

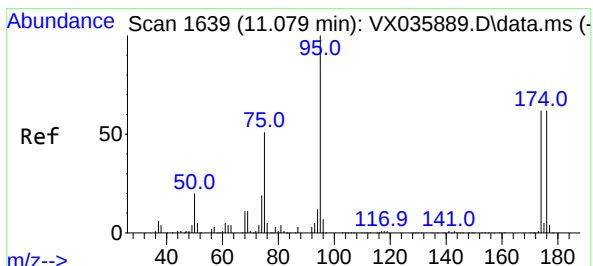
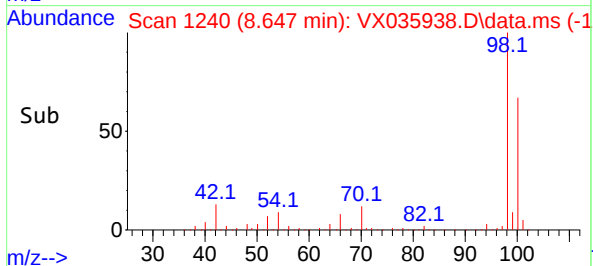
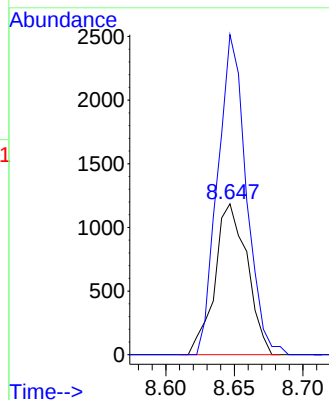
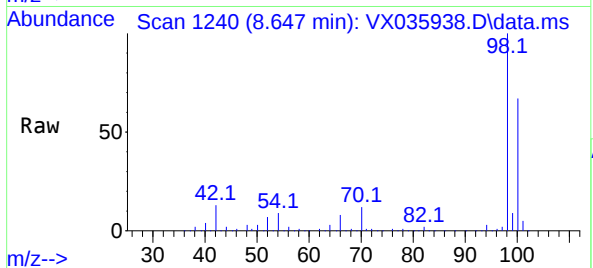
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 1946

Ion Ratio Lower Upper

43 100

58 188.0 30.1 45.1#



#62

4-Bromofluorobenzene

Concen: 46.496 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035938.D

Acq: 31 May 2023 15:58

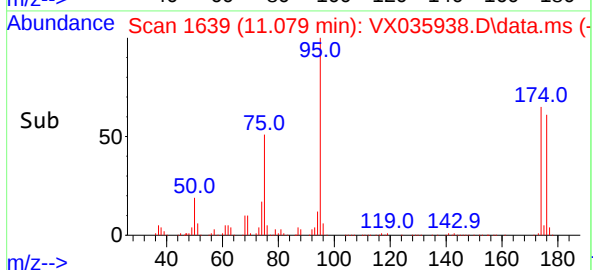
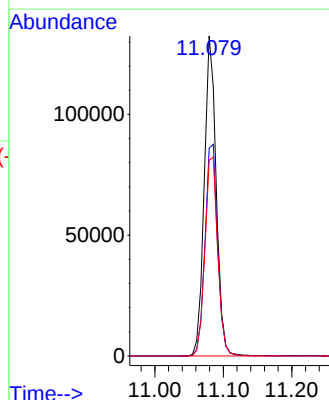
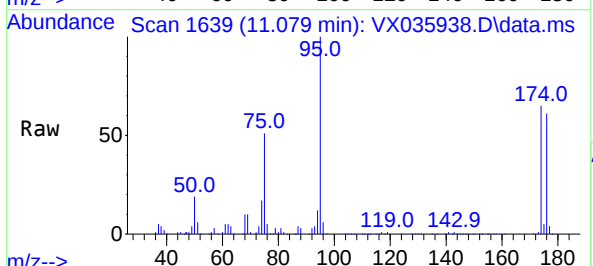
Tgt Ion: 95 Resp: 161117

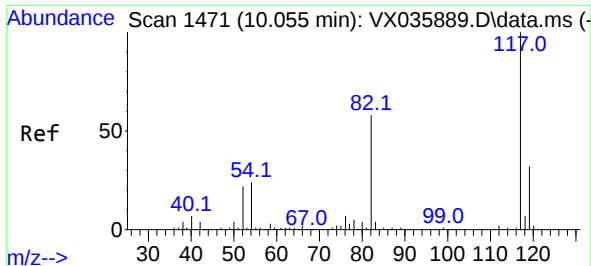
Ion Ratio Lower Upper

95 100

174 70.0 0.0 132.6

176 66.5 0.0 128.0

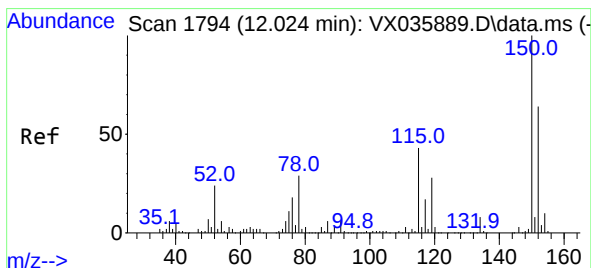
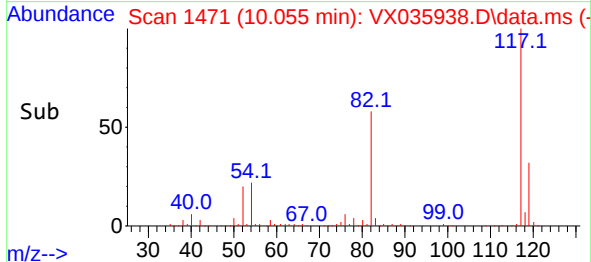
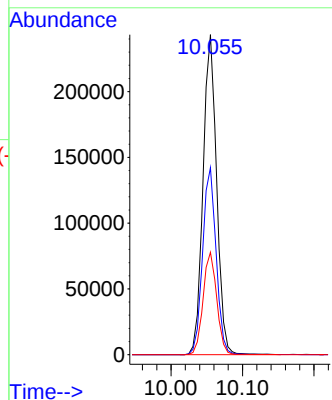
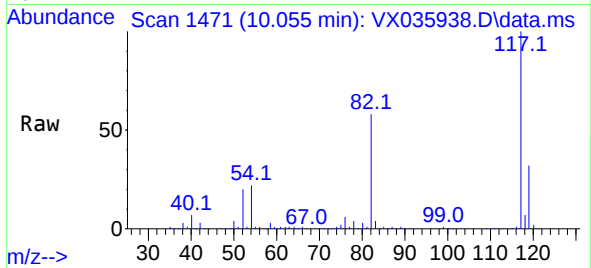




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035938.D
Acq: 31 May 2023 15:58

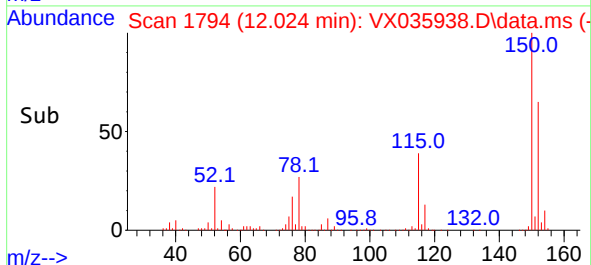
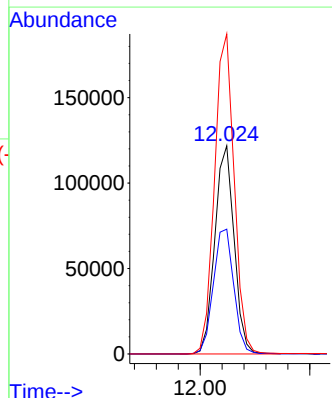
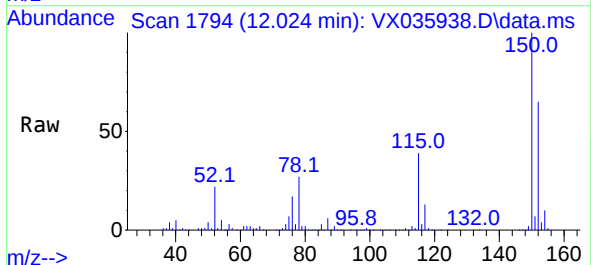
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

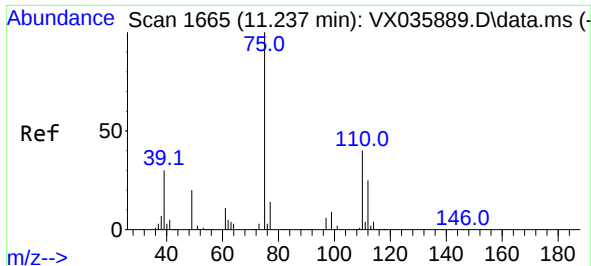
Tgt Ion:	117	Resp:	321237
Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.6	69.8
119	32.0	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035938.D
Acq: 31 May 2023 15:58

Tgt Ion:	152	Resp:	149414
Ion	Ratio	Lower	Upper
152	100		
115	63.6	45.5	136.5
150	156.4	0.0	345.2

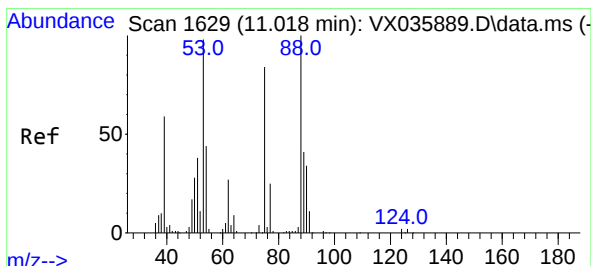
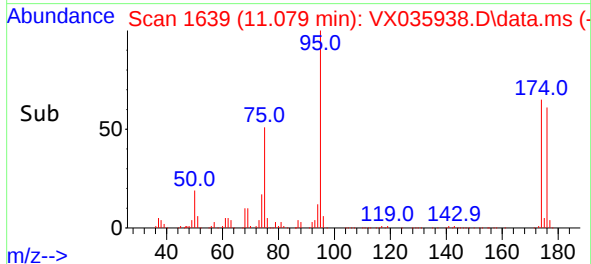
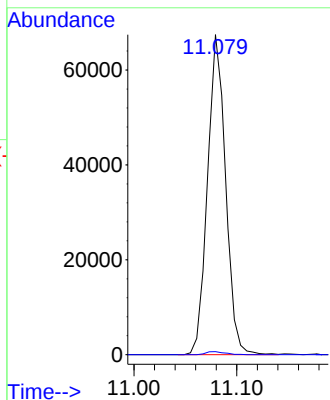
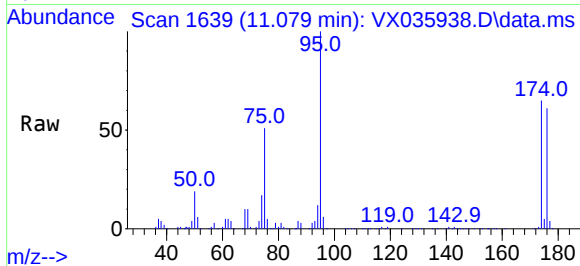




#76
1,2,3-Trichloropropane
Concen: 24.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035938.D
Acq: 31 May 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 82738
Ion Ratio Lower Upper
75 100
77 1.0 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.698 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035938.D
Acq: 31 May 2023 15:58

Tgt Ion: 75 Resp: 82738
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

