

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035862.D
 Acq On : 25 May 2023 18:41
 Operator : JC/MD
 Sample : 02881-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 26 07:25:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

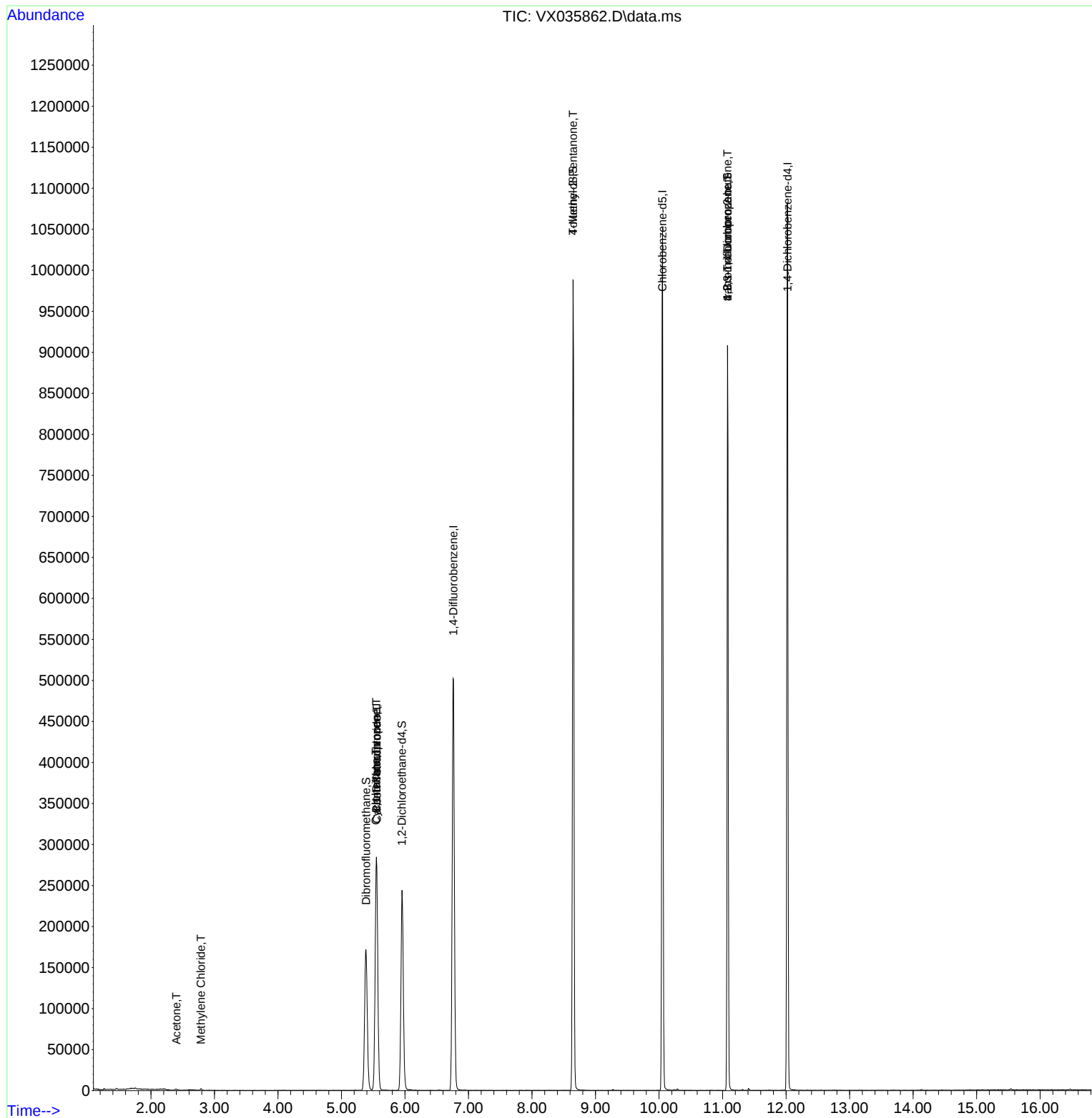
Internal Standards						
1) Pentafluorobenzene	5.550	168	255616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	238876	53.568	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.140%	
35) Dibromofluoromethane	5.385	113	148503	46.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.900%	
50) Toluene-d8	8.647	98	535692	45.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.700%#	
62) 4-Bromofluorobenzene	11.079	95	233298	49.054	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.100%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1902	0.992	ug/l	93
20) Methylene Chloride	2.788	84	1025	0.295	ug/l #	81
31) Cyclohexane	5.544	56	6747	1.198	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	22169	4.393	ug/l #	50
38) Carbon Tetrachloride	5.556	117	27502	5.752	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	3009	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	133981	26.483	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	133981	85.352	ug/l #	8

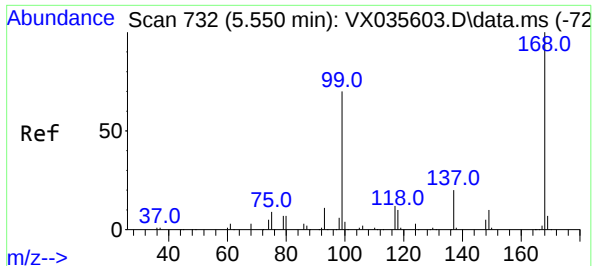
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

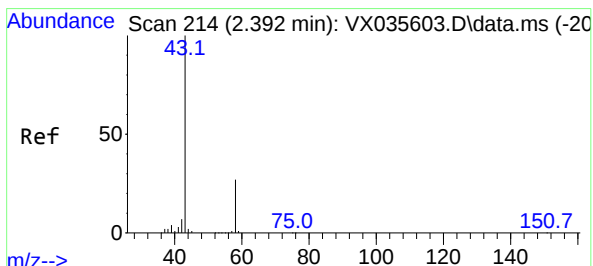
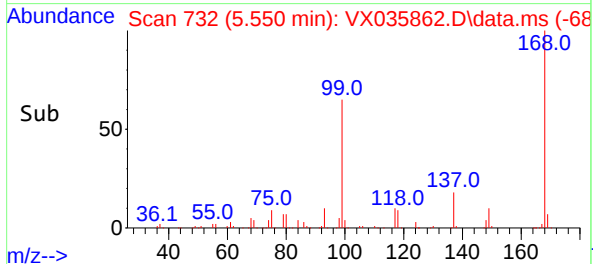
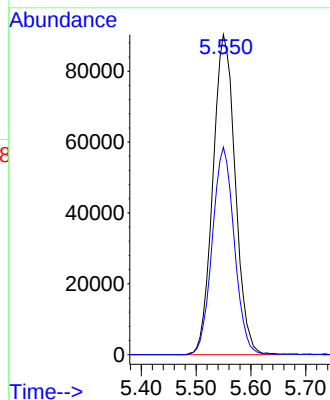
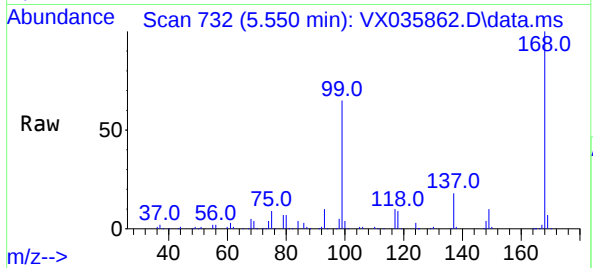




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

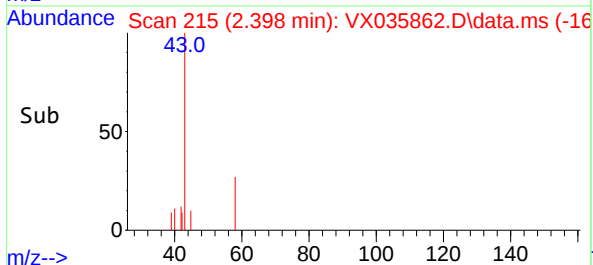
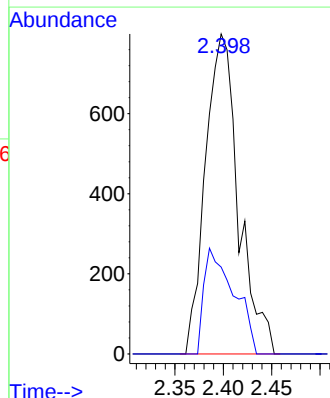
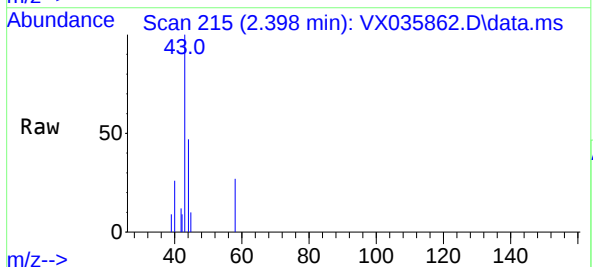
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

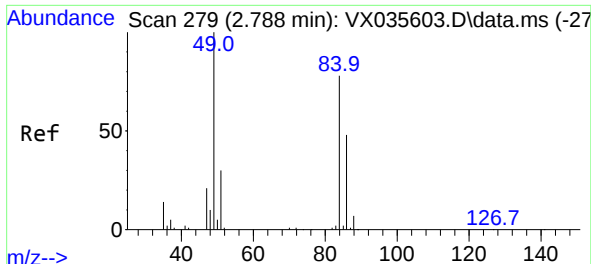
Tgt Ion:168 Resp: 255616
Ion Ratio Lower Upper
168 100
99 64.8 45.7 68.5



#16
Acetone
Concen: 0.992 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
58 27.2 24.7 37.1



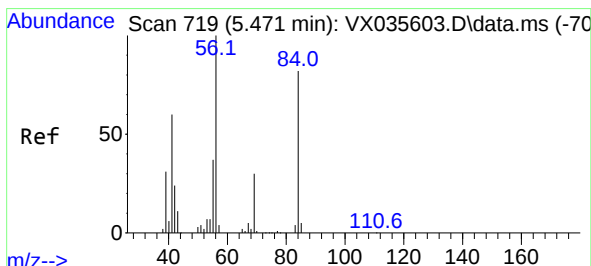
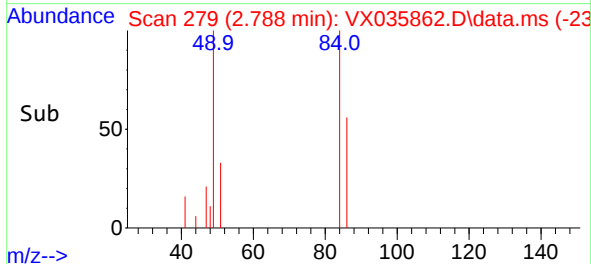
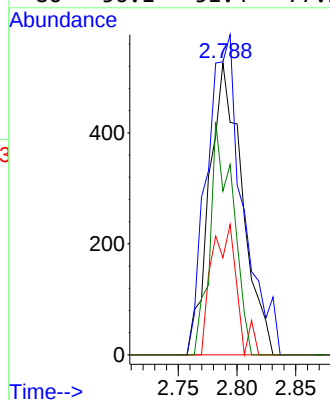
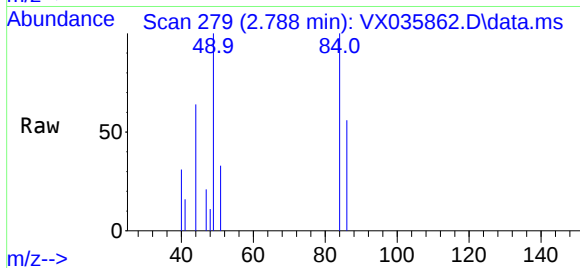


#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 84 Resp: 1025

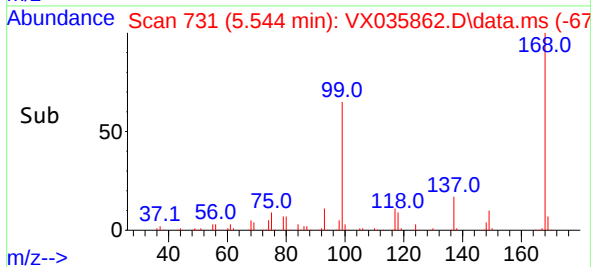
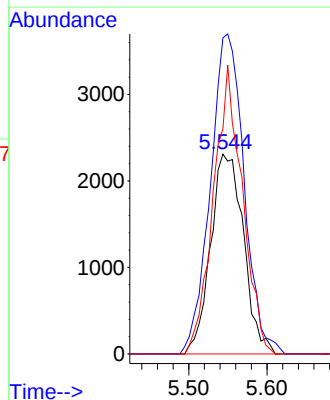
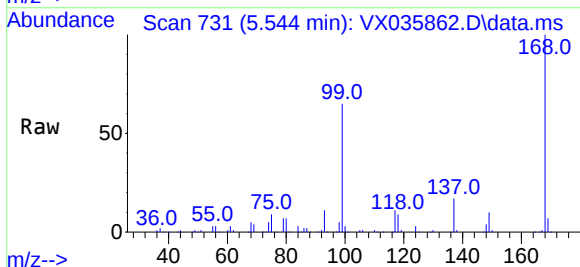
Ion	Ratio	Lower	Upper
84	100		
49	100.4	103.8	155.8#
51	33.3	31.8	47.8
86	56.1	51.4	77.2

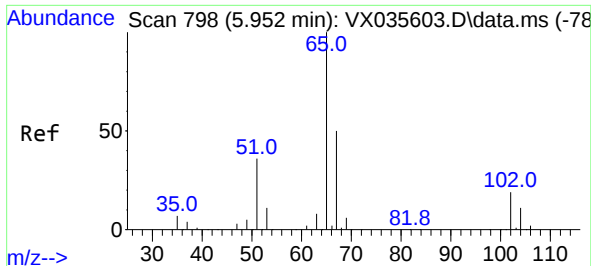


#31
Cyclohexane
Concen: 1.198 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

Tgt Ion: 56 Resp: 6747

Ion	Ratio	Lower	Upper
56	100		
69	158.2	23.7	35.5#
84	112.7	68.5	102.7#

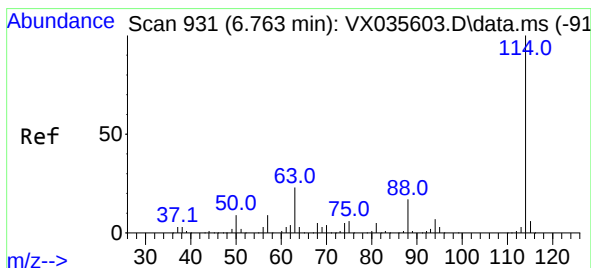
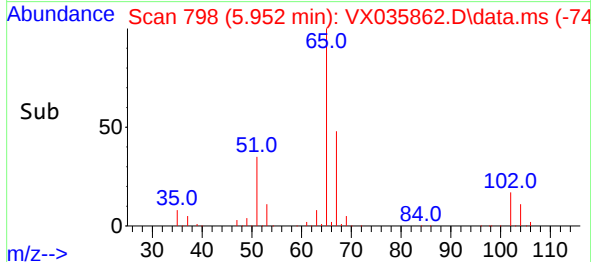
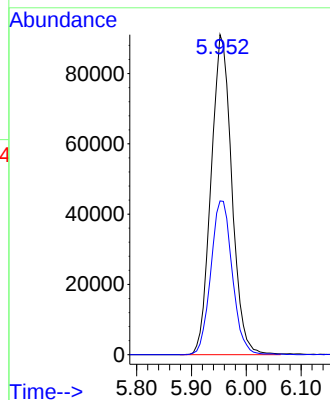
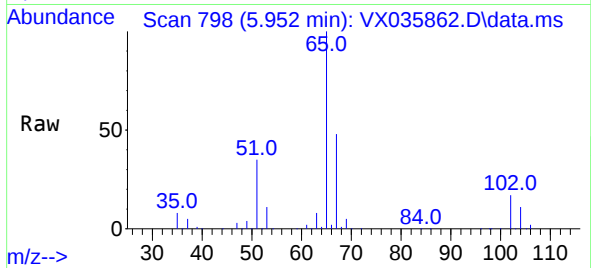




#33
 1,2-Dichloroethane-d4
 Concen: 53.568 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035862.D
 Acq: 25 May 2023 18:41

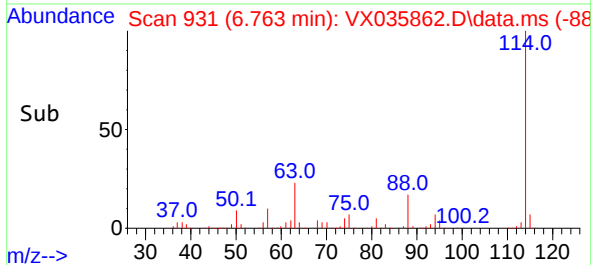
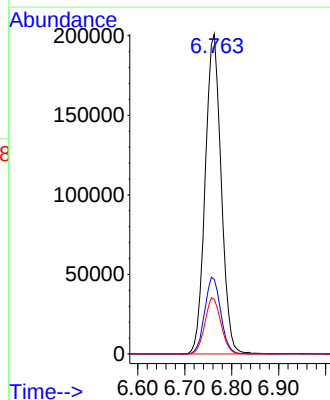
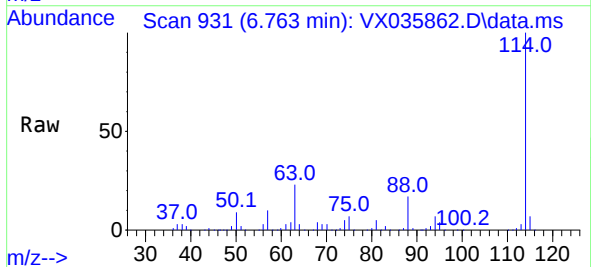
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-4

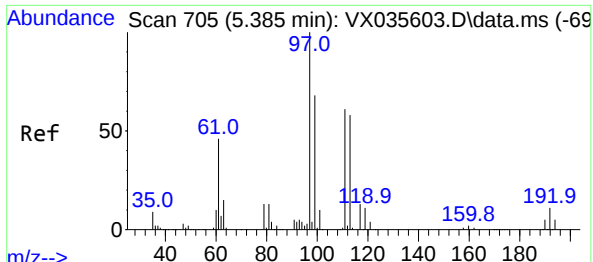
Tgt Ion: 65 Resp: 238876
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035862.D
 Acq: 25 May 2023 18:41

Tgt Ion: 114 Resp: 474108
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 42.2
 88 17.1 0.0 33.2

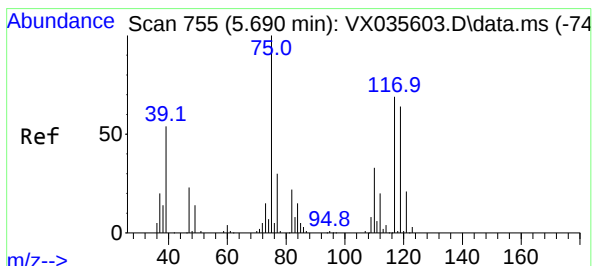
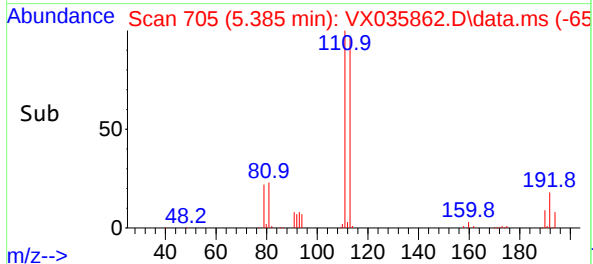
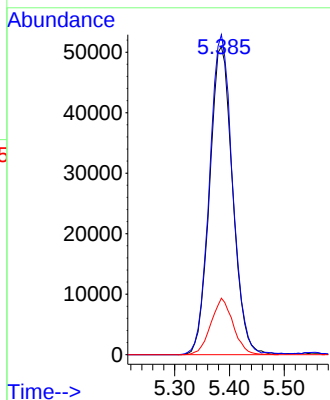
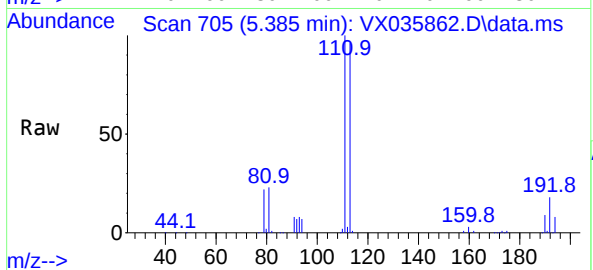




#35
Dibromofluoromethane
Concen: 46.445 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

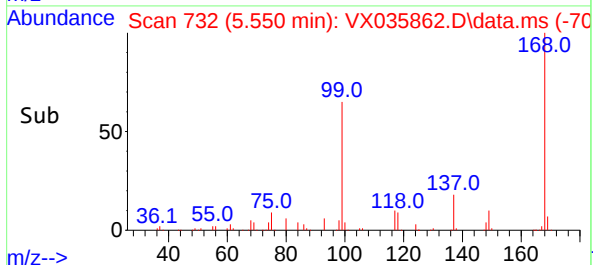
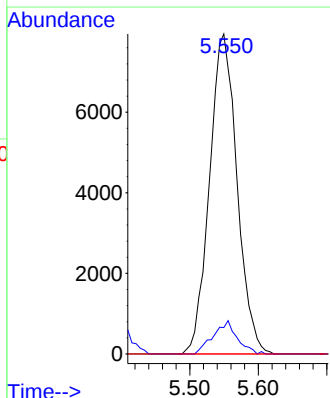
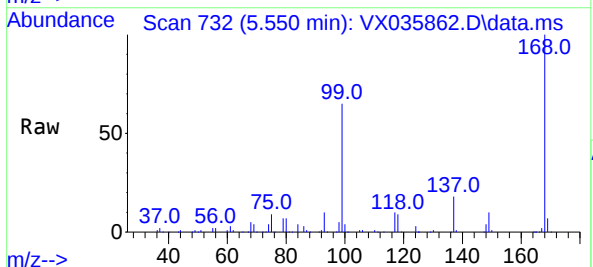
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

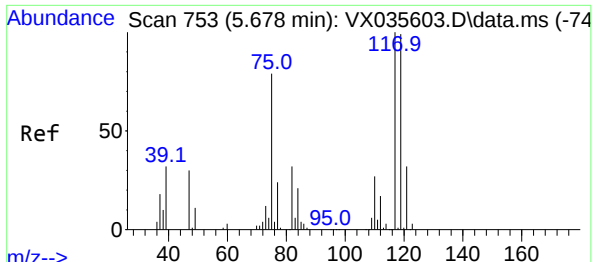
Tgt Ion:113 Resp: 148503
Ion Ratio Lower Upper
113 100
111 104.3 83.7 125.5
192 17.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

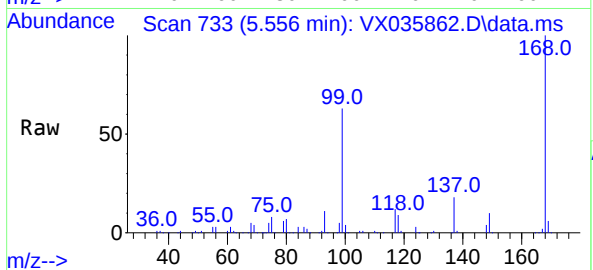
Tgt Ion: 75 Resp: 22169
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



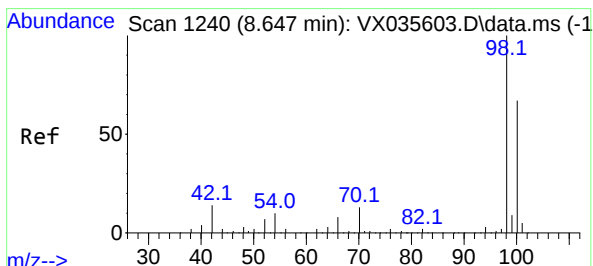
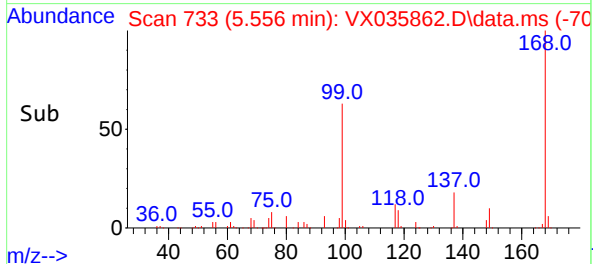
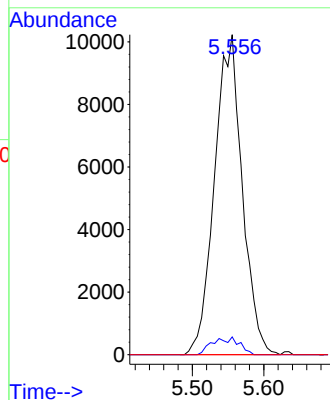


#38
Carbon Tetrachloride
Concen: 5.752 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

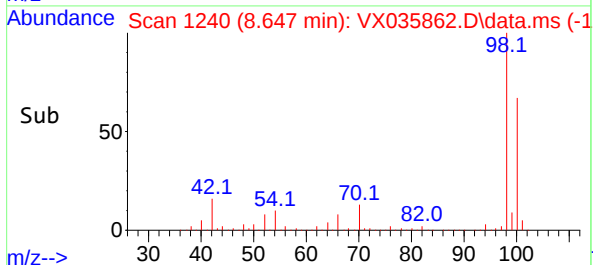
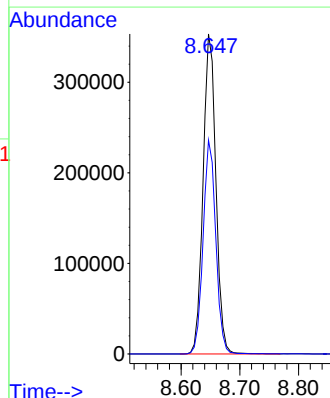
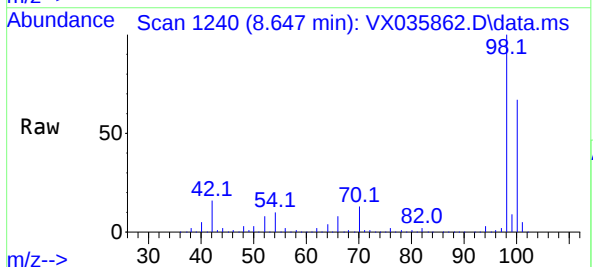


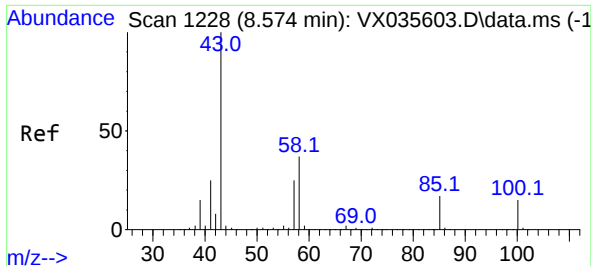
Tgt Ion:117 Resp: 27502
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 45.352 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

Tgt Ion: 98 Resp: 535692
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.569 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035862.D

Acq: 25 May 2023 18:41

Instrument :

MSVOA_X

ClientSampleId :

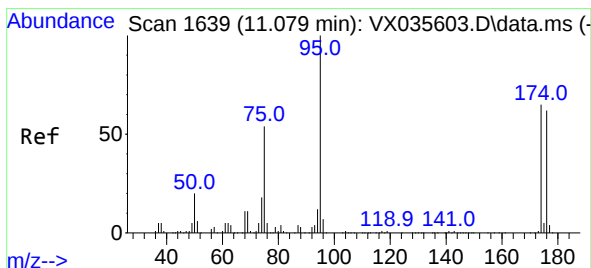
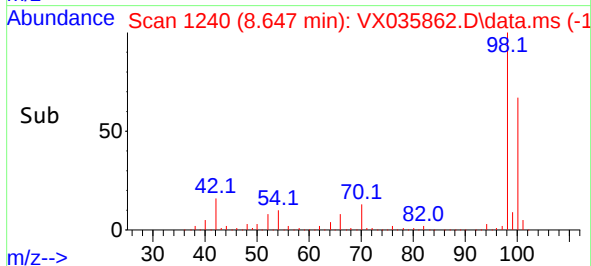
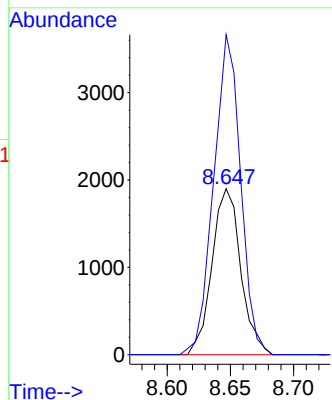
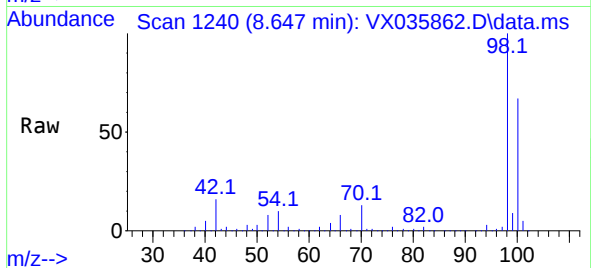
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 3009

Ion Ratio Lower Upper

43 100

58 180.0 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 49.054 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035862.D

Acq: 25 May 2023 18:41

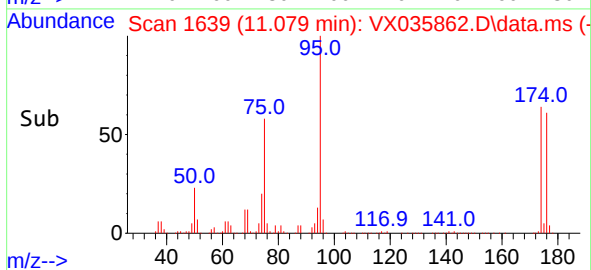
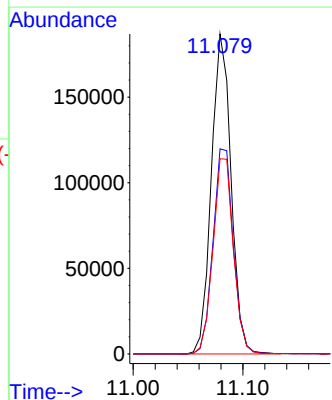
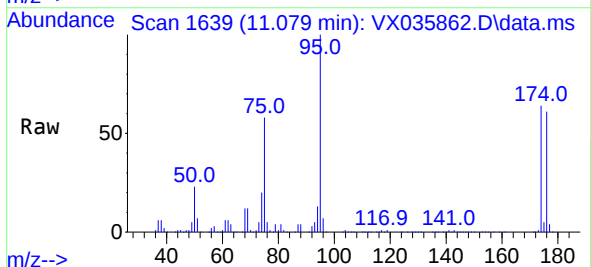
Tgt Ion: 95 Resp: 233298

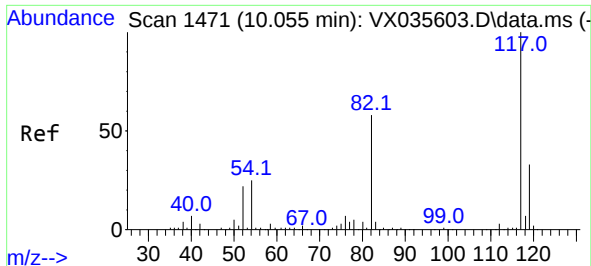
Ion Ratio Lower Upper

95 100

174 66.4 0.0 147.4

176 63.5 0.0 140.6

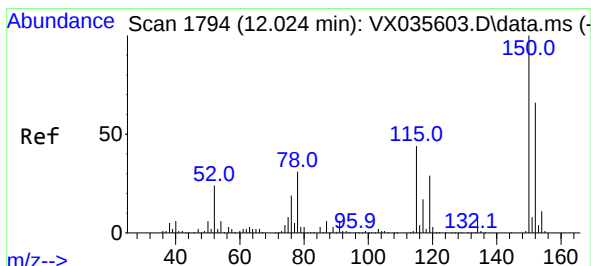
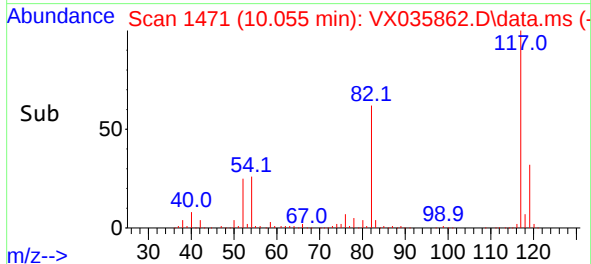
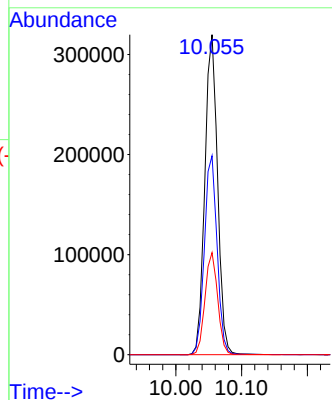
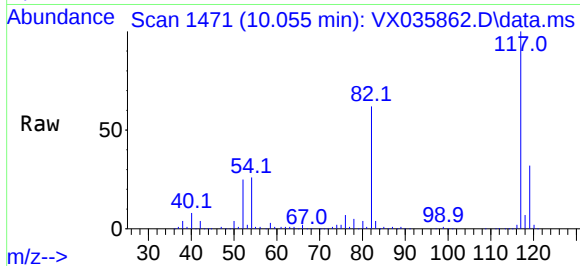




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

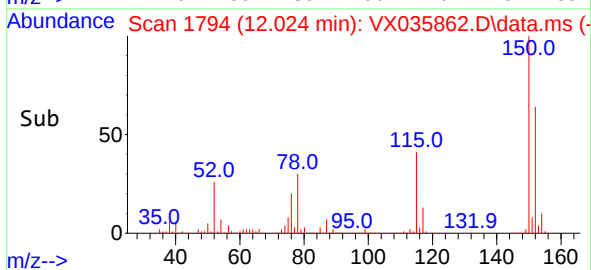
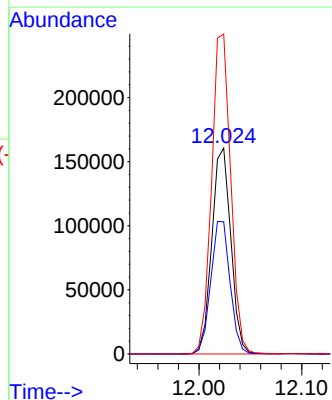
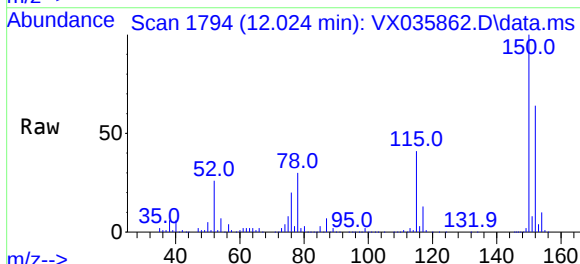
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

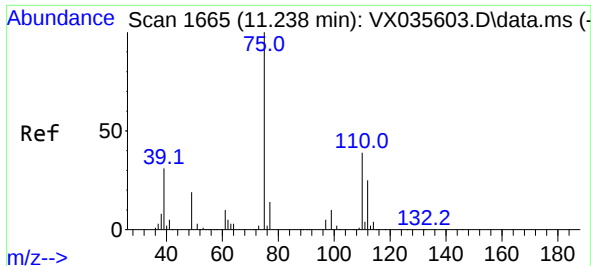
Tgt Ion:	117	Resp:	430551
Ion	Ratio	Lower	Upper
117	100		
82	62.1	45.0	67.4
119	31.9	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

Tgt Ion:	152	Resp:	206828
Ion	Ratio	Lower	Upper
152	100		
115	65.4	45.0	135.0
150	156.3	0.0	352.4

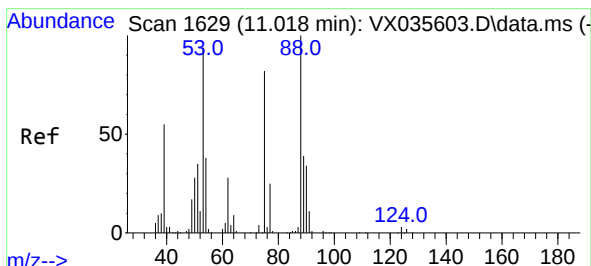
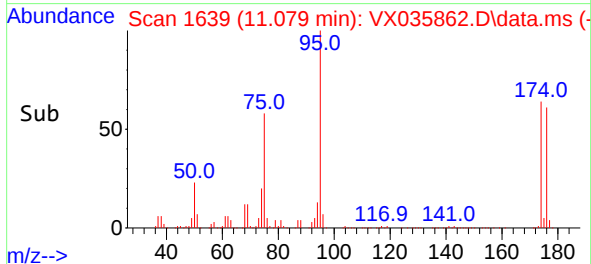
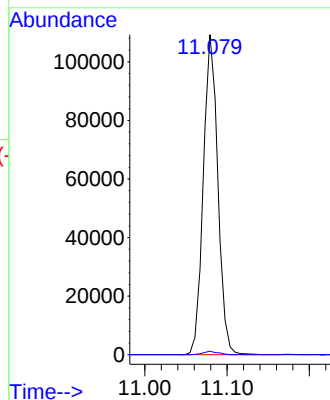
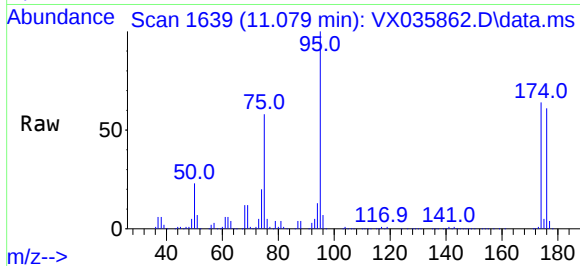




#76
1,2,3-Trichloropropane
Concen: 26.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 133981
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035862.D
Acq: 25 May 2023 18:41

Tgt Ion: 75 Resp: 133981
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

