

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036310.D
 Acq On : 24 Jun 2023 14:40
 Operator : JC/MD
 Sample : 03319-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 26 03:25:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

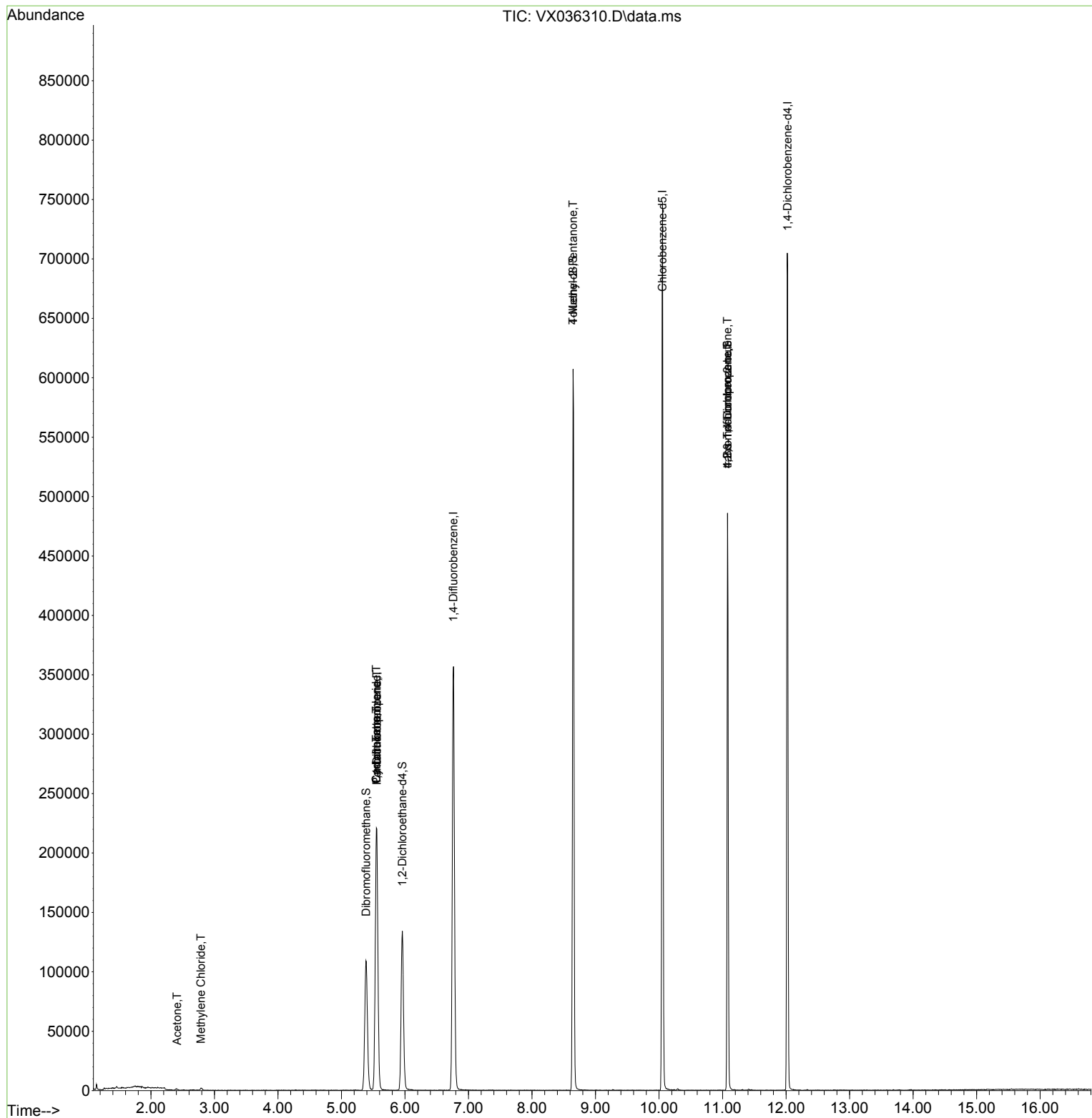
Internal Standards						
1) Pentafluorobenzene	5.556	168	208175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131232	43.978	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	87.960%	
35) Dibromofluoromethane	5.385	113	98808	41.022	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	82.040%	
50) Toluene-d8	8.647	98	365685	40.648	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	81.300%#	
62) 4-Bromofluorobenzene	11.079	95	124811	39.387	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	78.780%#	
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	1369	1.073	ug/l	98
20) Methylene Chloride	2.788	84	1070	0.390	ug/l	96
31) Cyclohexane	5.550	56	4406	1.152	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17032	4.744	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21294	6.494	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1585	0.421	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	66258	20.784	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66258	67.752	ug/l #	5

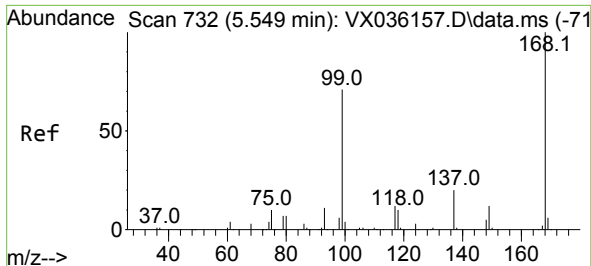
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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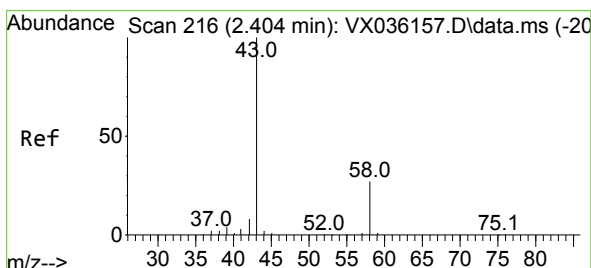
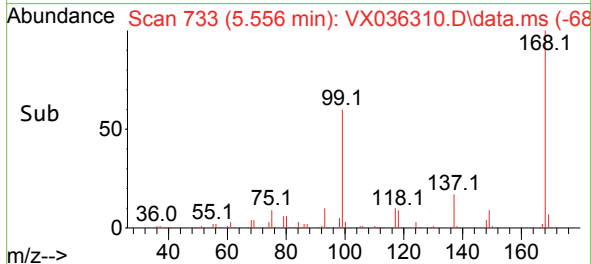
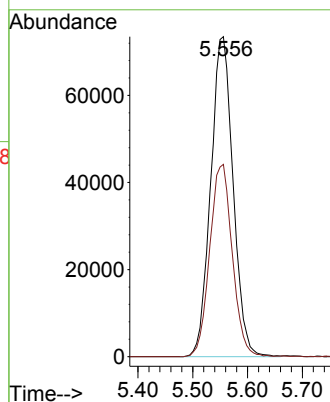
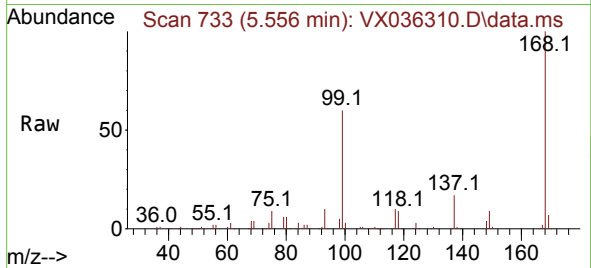




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

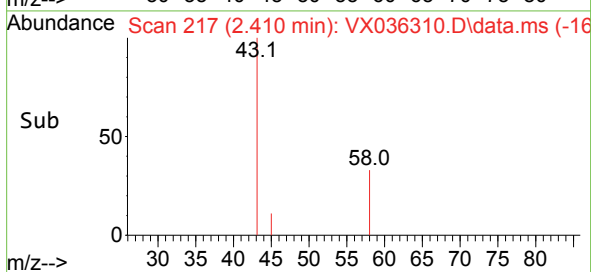
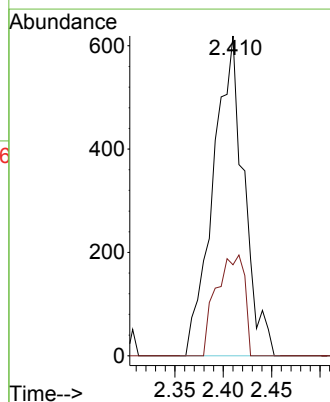
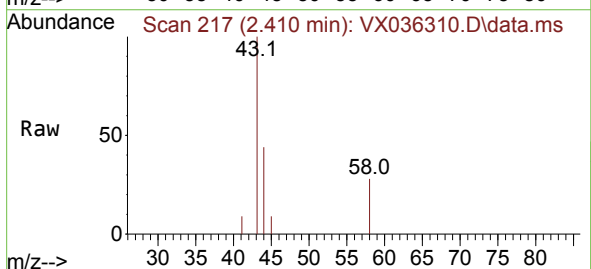
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

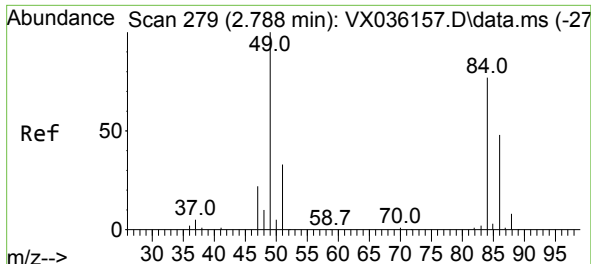
Tgt Ion:168 Resp: 208175
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#16
Acetone
Concen: 1.073 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9

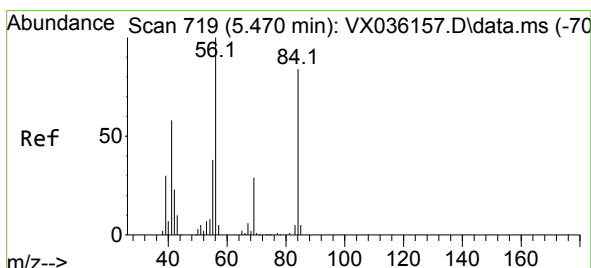
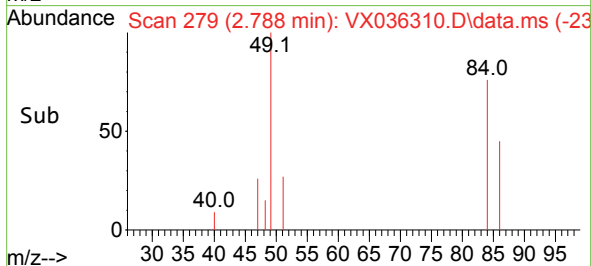
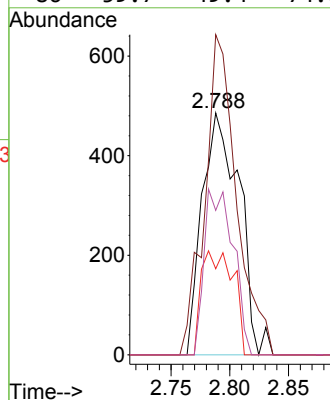
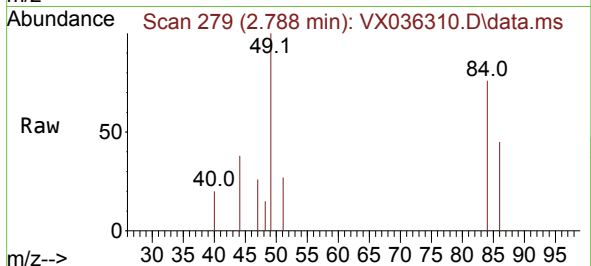




#20
Methylene Chloride
Concen: 0.390 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

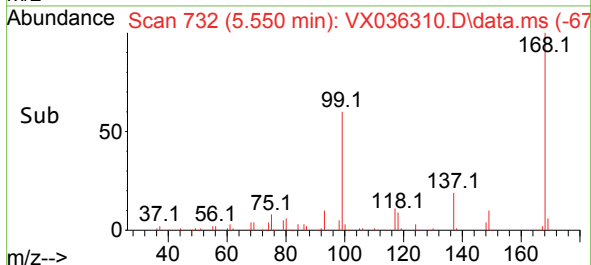
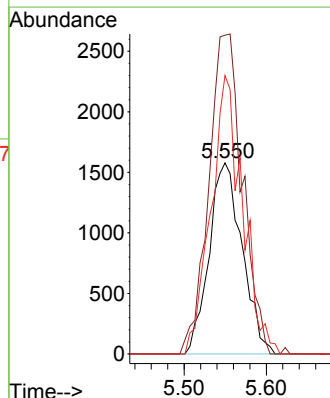
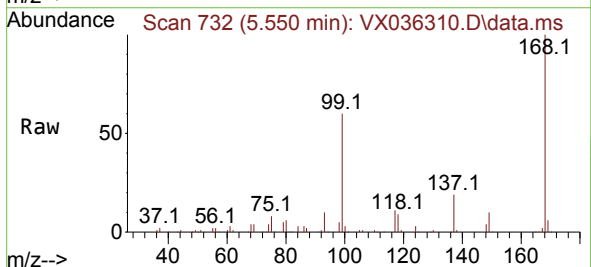
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

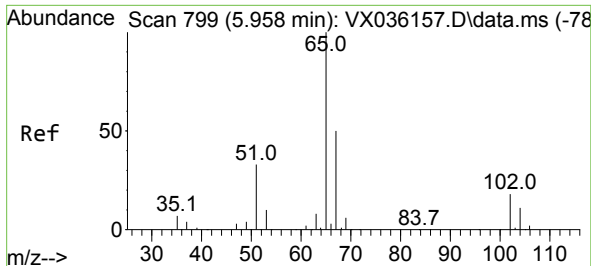
Tgt Ion:	84	Resp:	1070
Ion	Ratio	Lower	Upper
84	100		
49	132.3	103.6	155.4
51	35.6	33.8	50.6
86	59.7	49.4	74.0



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

Tgt Ion:	56	Resp:	4406
Ion	Ratio	Lower	Upper
56	100		
69	166.9	23.4	35.2#
84	145.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.978 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036310.D

Acq: 24 Jun 2023 14:40

Instrument :

MSVOA_X

ClientSampleId :

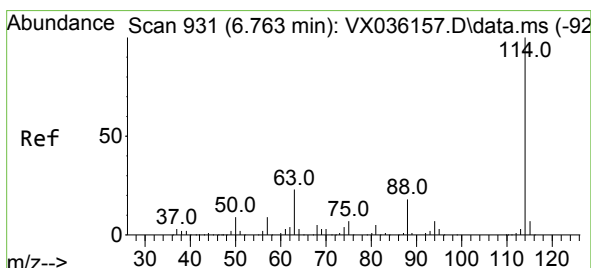
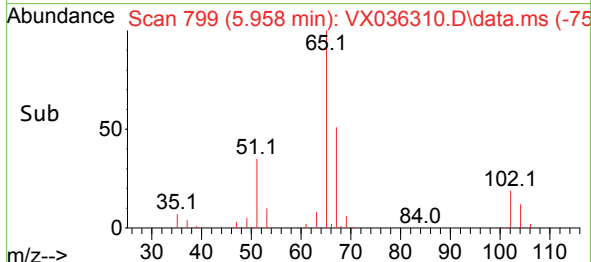
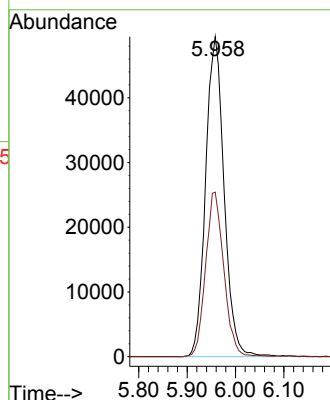
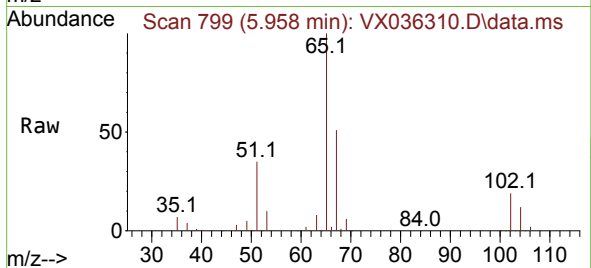
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 131232

Ion Ratio Lower Upper

65 100

67 50.7 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: VX036310.D

Acq: 24 Jun 2023 14:40

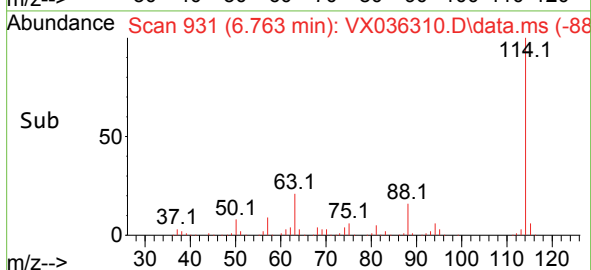
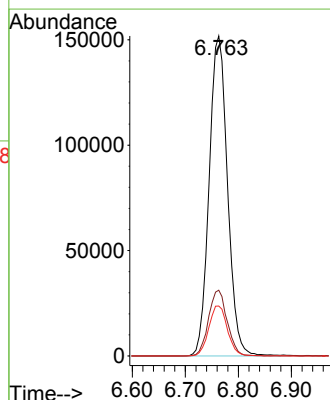
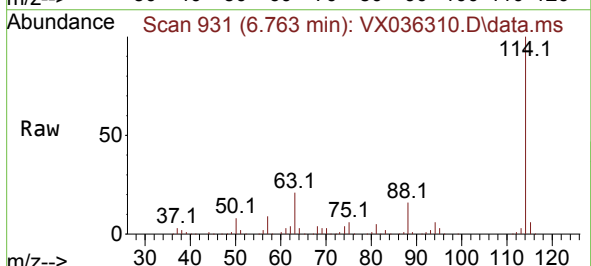
Tgt Ion: 114 Resp: 365300

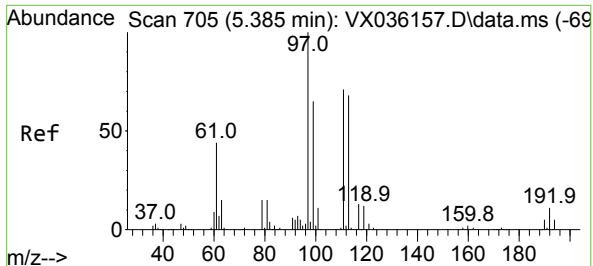
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 15.6 0.0 36.6

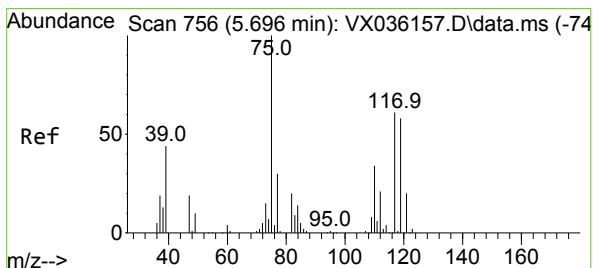
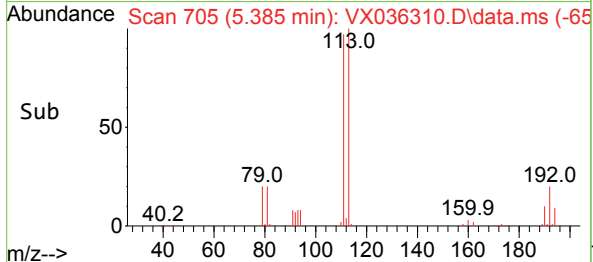
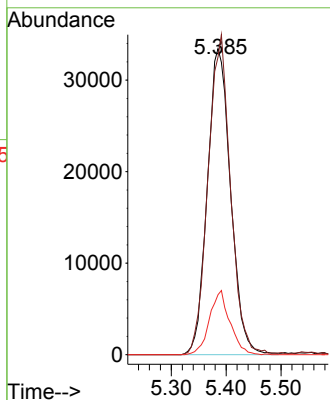
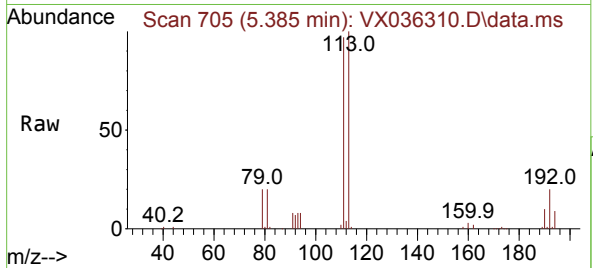




#35
Dibromofluoromethane
Concen: 41.022 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

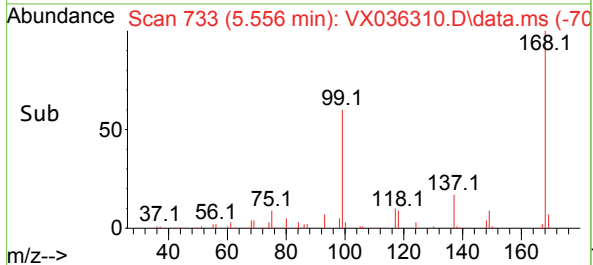
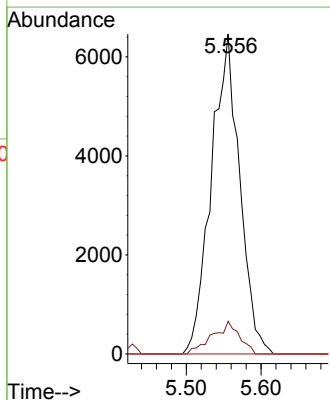
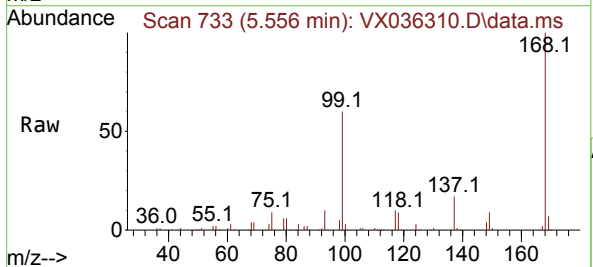
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

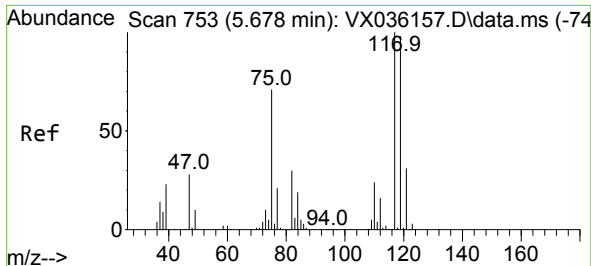
Tgt Ion:113 Resp: 98808
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

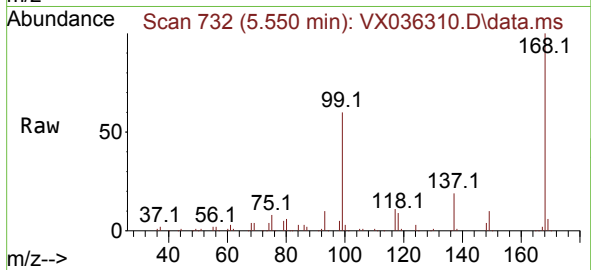
Tgt Ion: 75 Resp: 17032
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



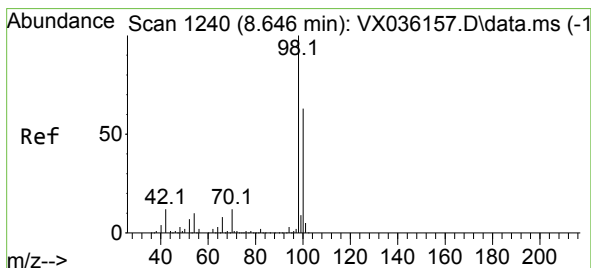
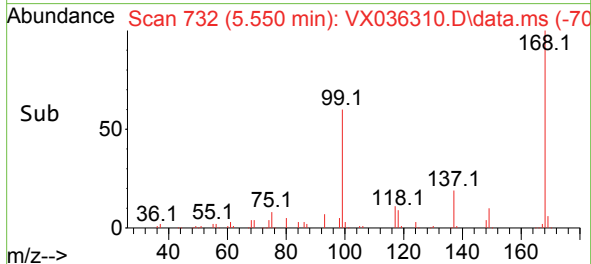
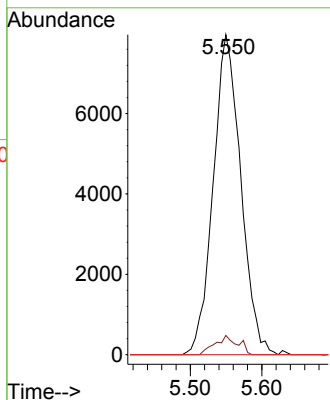


#38
Carbon Tetrachloride
Concen: 6.494 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

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

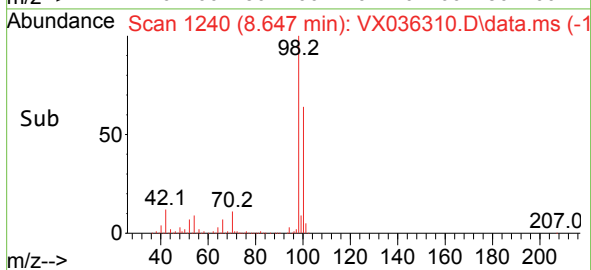
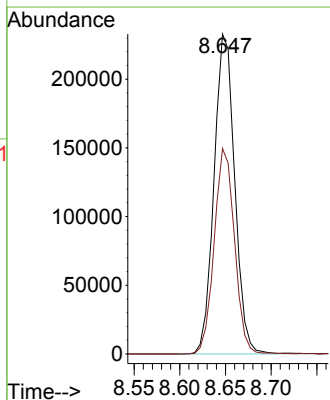
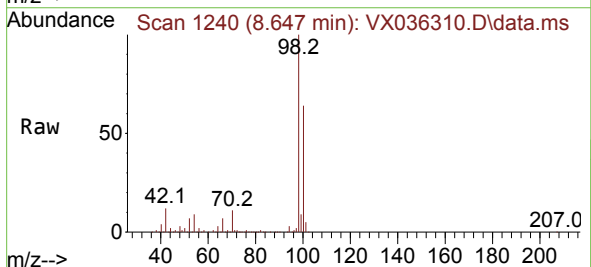


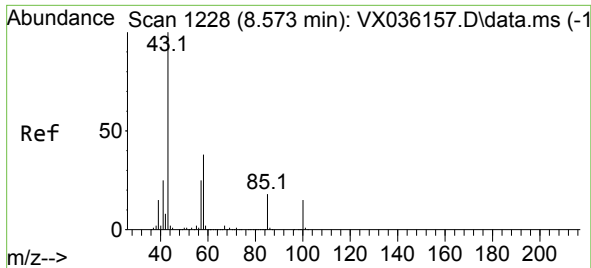
Tgt Ion:117 Resp: 21294
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 40.648 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

Tgt Ion: 98 Resp: 365685
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

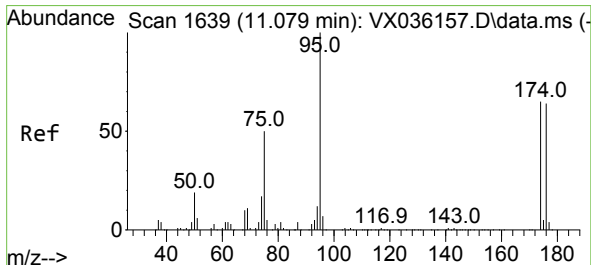
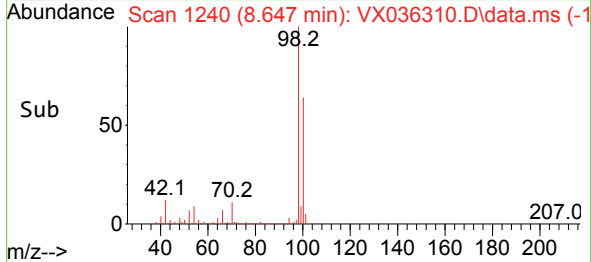
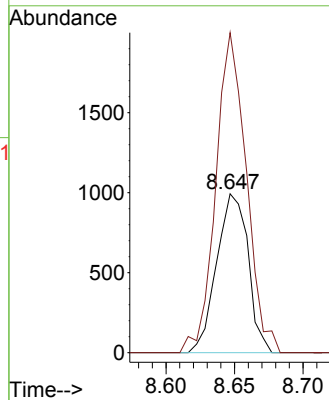
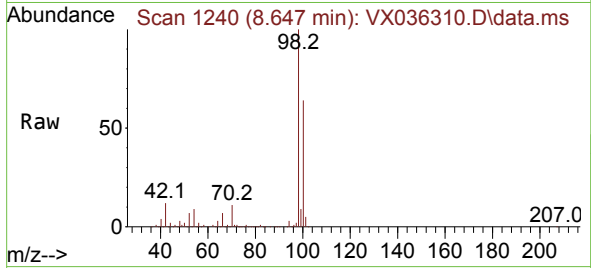




#51
4-Methyl-2-Pentanone
Concen: 0.421 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

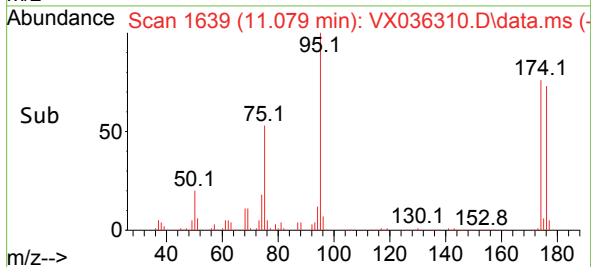
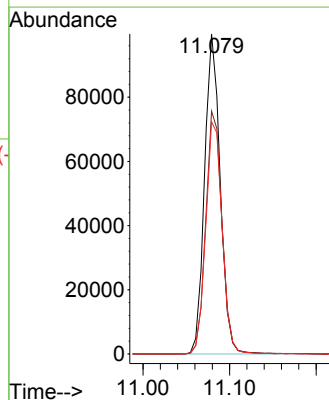
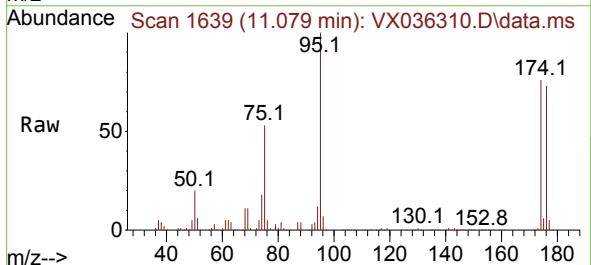
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

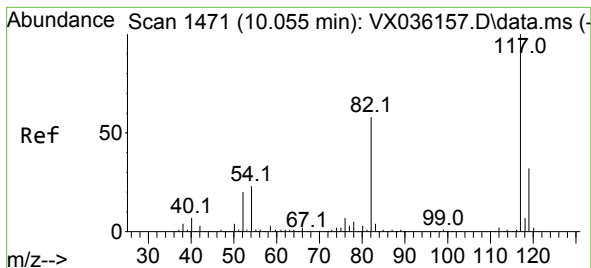
Tgt Ion: 43 Resp: 1585
Ion Ratio Lower Upper
43 100
58 195.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 39.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

Tgt Ion: 95 Resp: 124811
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 76.4 0.0 131.0

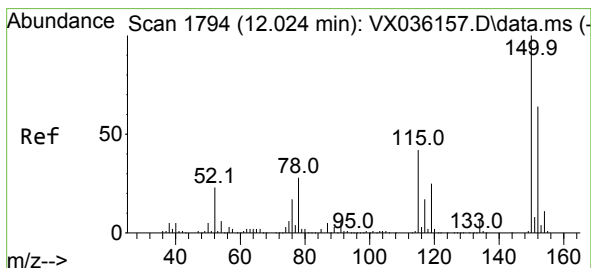
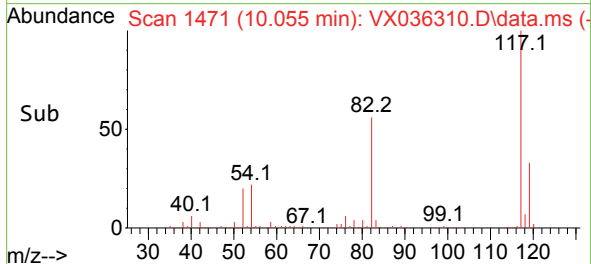
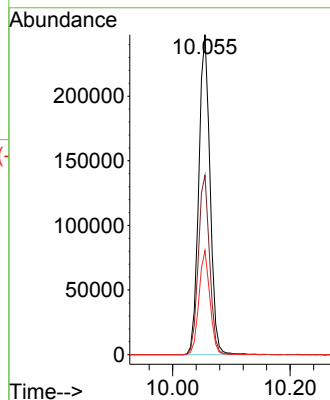
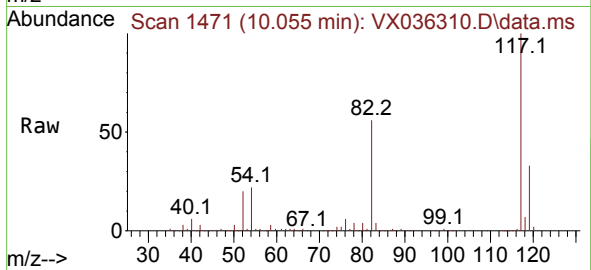




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

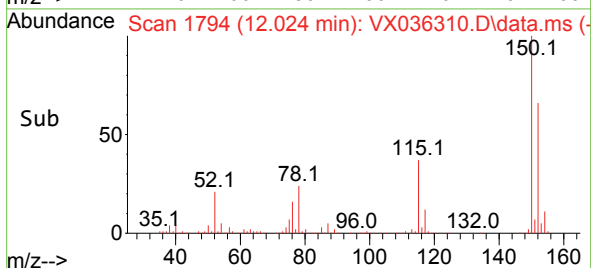
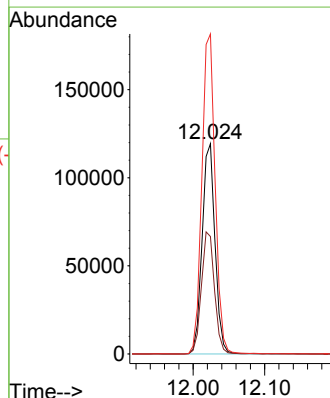
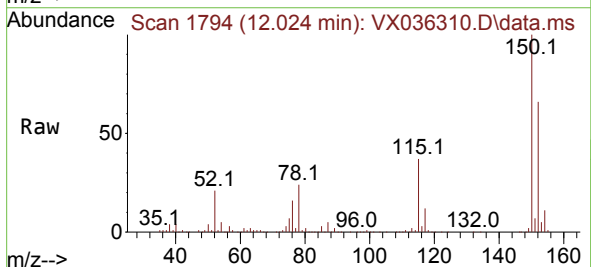
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

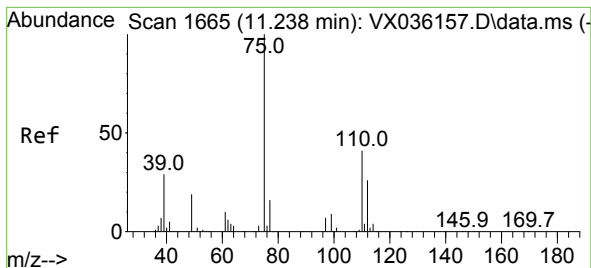
Tgt Ion:117 Resp: 330632
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036310.D
Acq: 24 Jun 2023 14:40

Tgt Ion:152 Resp: 149453
Ion Ratio Lower Upper
152 100
115 58.9 43.3 129.9
150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.784 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036310.D

Acq: 24 Jun 2023 14:40

Instrument :

MSVOA_X

ClientSampleId :

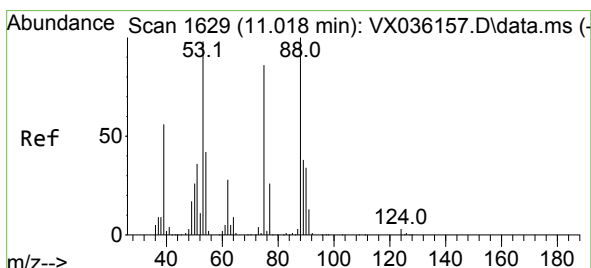
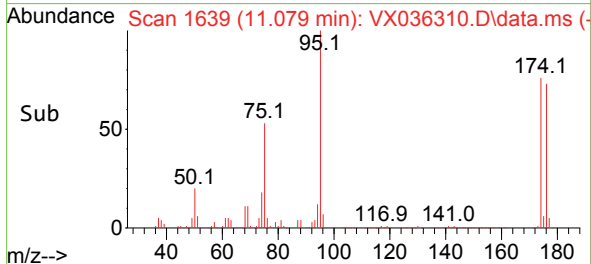
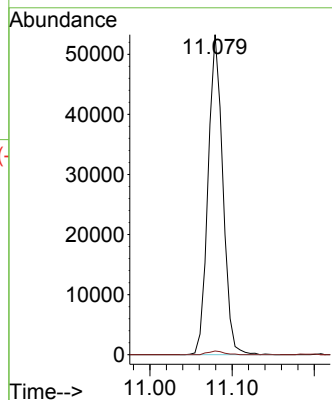
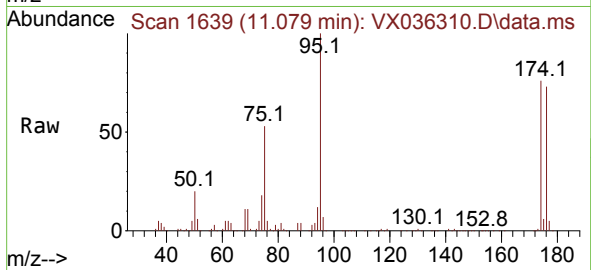
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 66258

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.752 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036310.D

Acq: 24 Jun 2023 14:40

Tgt Ion: 75 Resp: 66258

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

