

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036899.D
 Acq On : 09 Aug 2023 19:57
 Operator : JC/MD
 Sample : 03957-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK-1

Quant Time: Aug 10 01:22:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

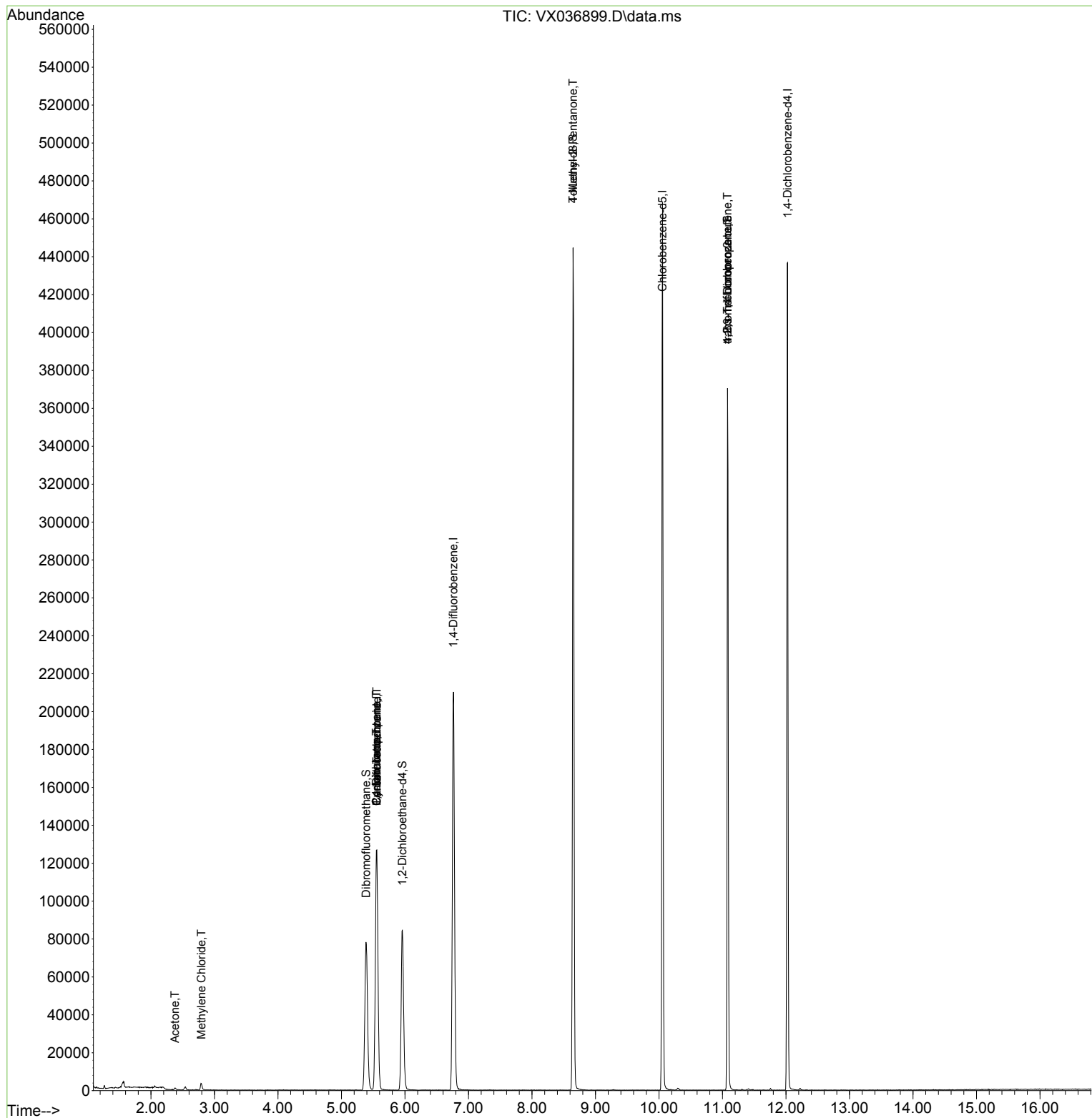
Internal Standards						
1) Pentafluorobenzene	5.556	168	118146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83769	47.919	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.840%
35) Dibromofluoromethane	5.385	113	69503	46.226	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.647	98	260990	48.948	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.079	95	100567	49.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.980%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1078	1.486	ug/l #	78
20) Methylene Chloride	2.794	84	1855	1.150	ug/l	86
31) Cyclohexane	5.550	56	2615	1.080	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9477	4.229	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12848	5.393	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1131	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52253	24.040	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52253	54.489	ug/l #	5

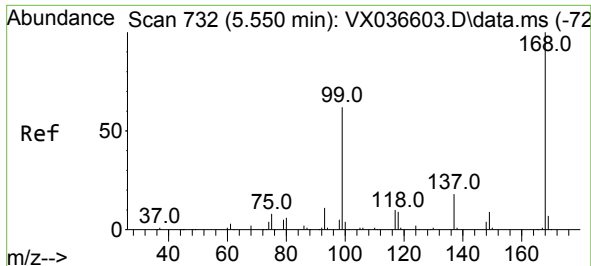
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

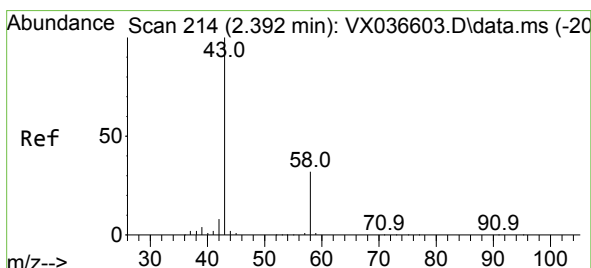
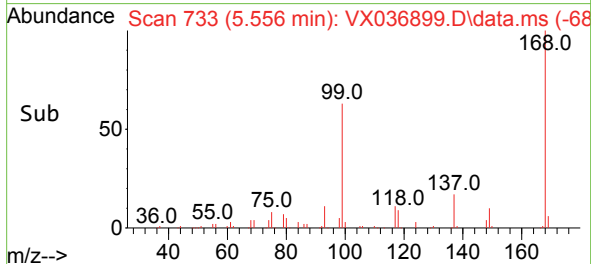
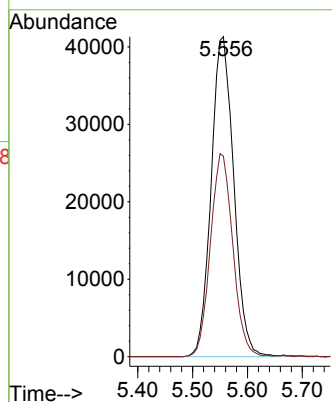
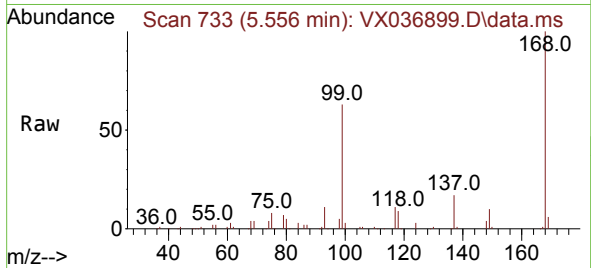




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036899.D
Acq: 09 Aug 2023 19:57

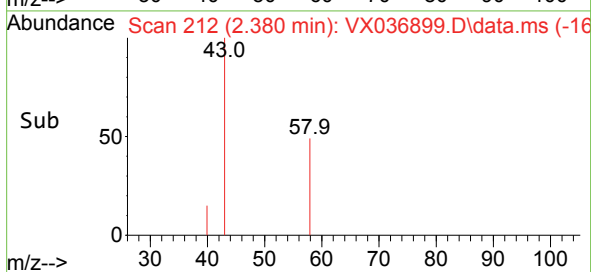
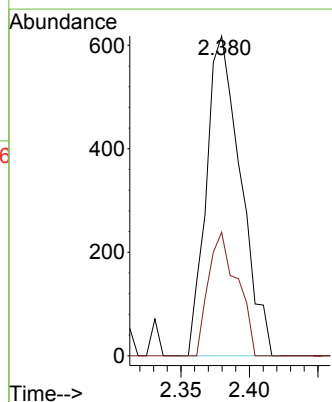
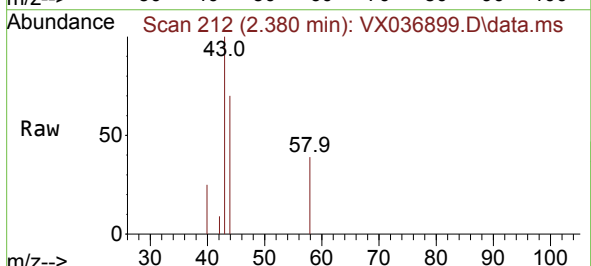
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-1

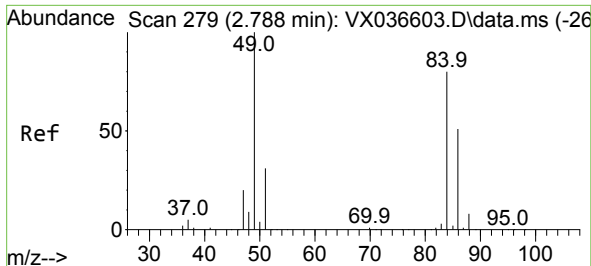
Tgt Ion:168 Resp: 118146
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#16
Acetone
Concen: 1.486 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036899.D
Acq: 09 Aug 2023 19:57

Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 38.7 21.9 32.9#

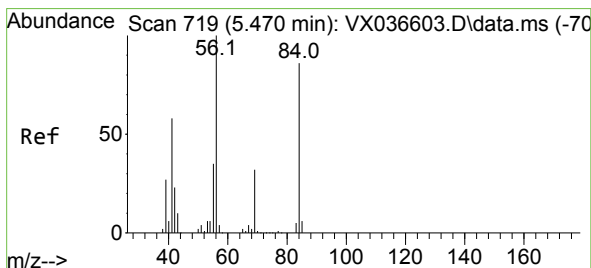
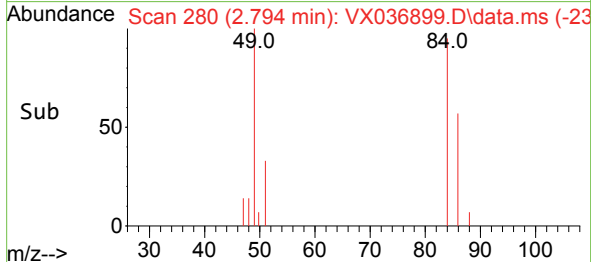
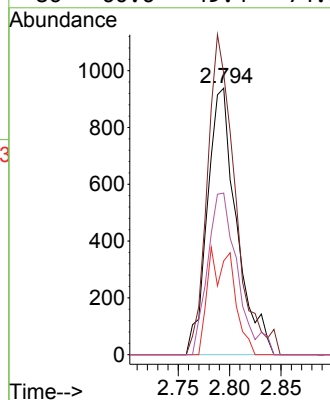
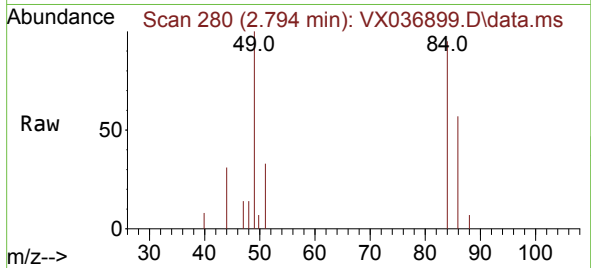




#20
Methylene Chloride
Concen: 1.150 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036899.D
Acq: 09 Aug 2023 19:57

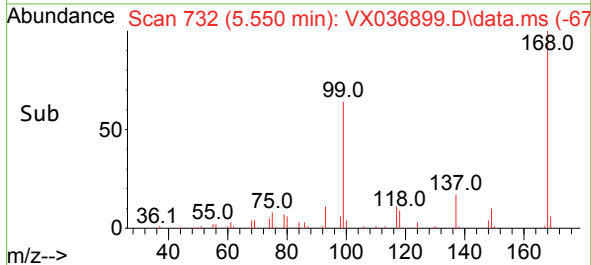
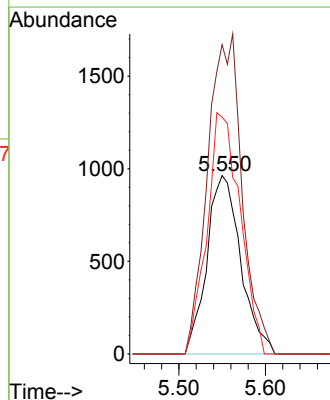
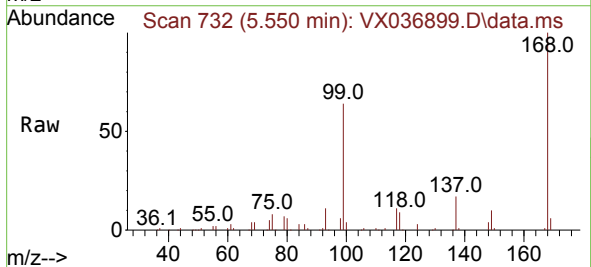
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-1

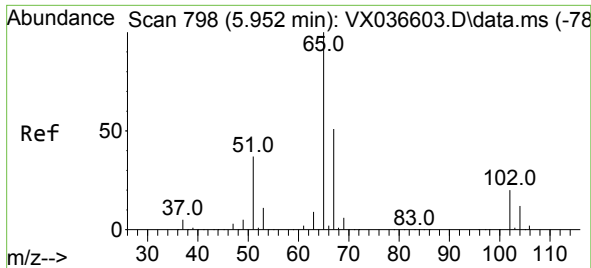
Tgt Ion:	84	Resp:	1855
Ion	Ratio	Lower	Upper
84	100		
49	105.4	103.6	155.4
51	35.1	33.8	50.6
86	60.6	49.4	74.0



#31
Cyclohexane
Concen: 1.080 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036899.D
Acq: 09 Aug 2023 19:57

Tgt Ion:	56	Resp:	2615
Ion	Ratio	Lower	Upper
56	100		
69	173.4	23.4	35.2#
84	132.8	65.9	98.9#

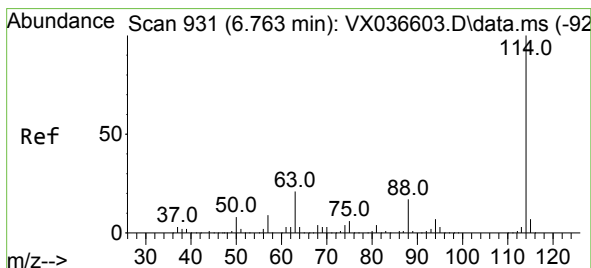
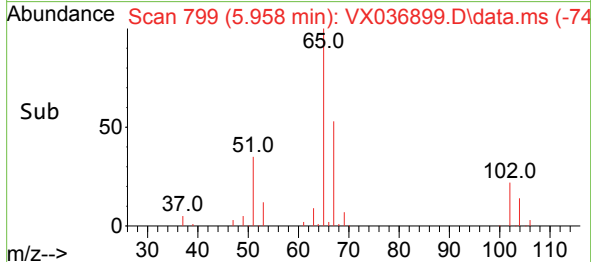
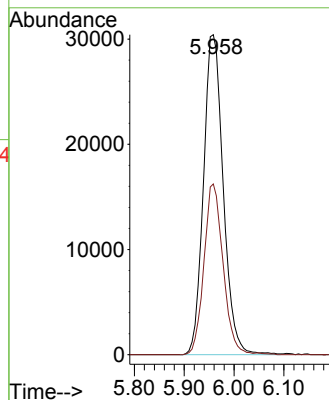
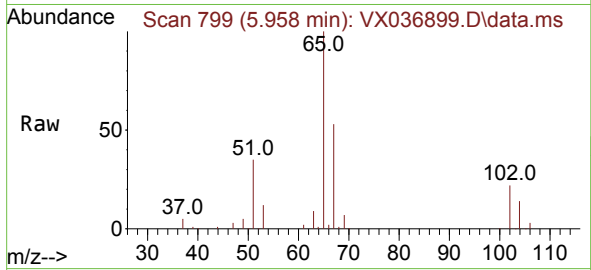




#33
 1,2-Dichloroethane-d4
 Concen: 47.919 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036899.D
 Acq: 09 Aug 2023 19:57

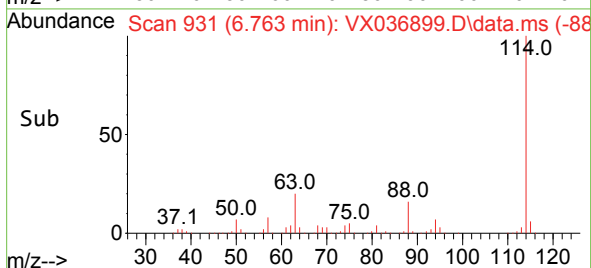
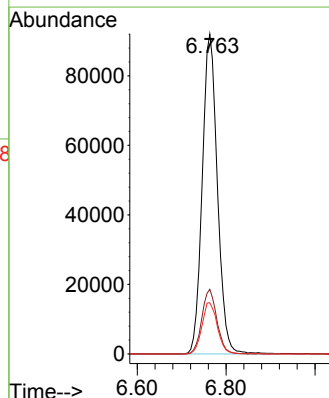
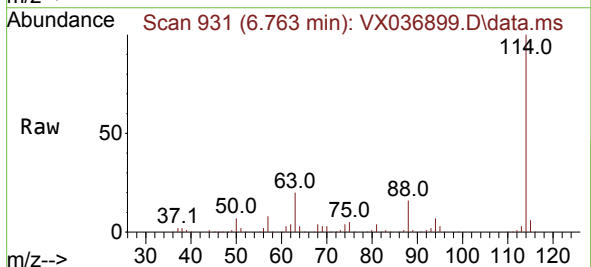
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK-1

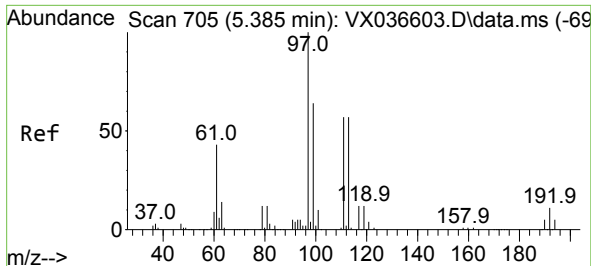
Tgt Ion: 65 Resp: 83769
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036899.D
 Acq: 09 Aug 2023 19:57

Tgt Ion: 114 Resp: 218749
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 16.0 0.0 36.6

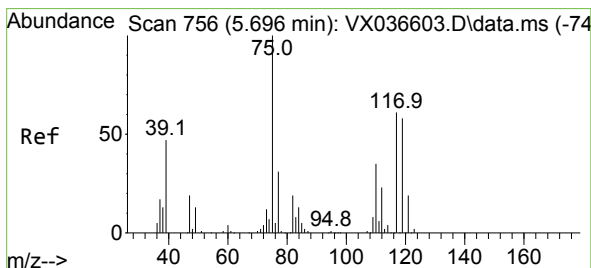
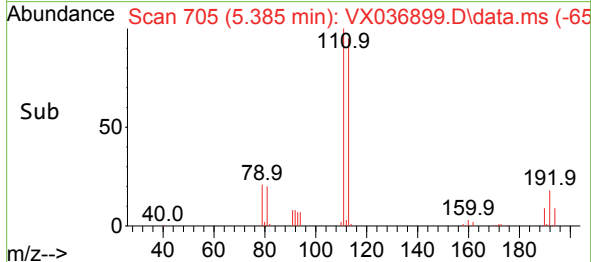
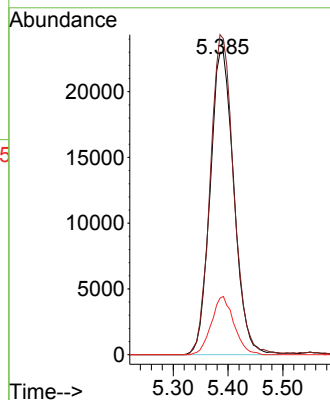
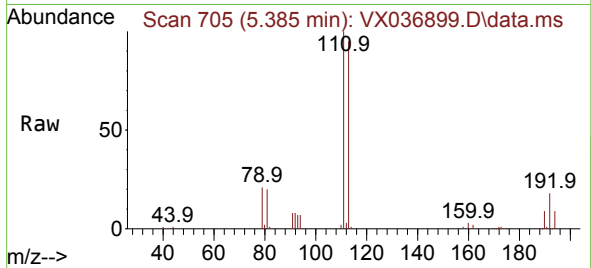




#35
Dibromofluoromethane
Concen: 46.226 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036899.D
Acq: 09 Aug 2023 19:57

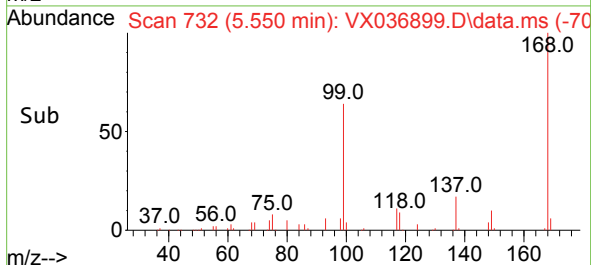
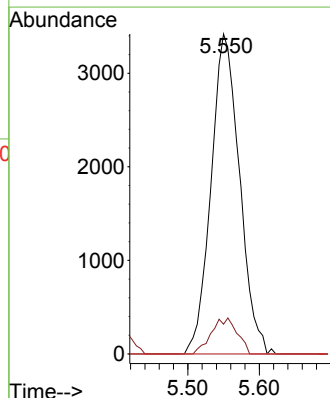
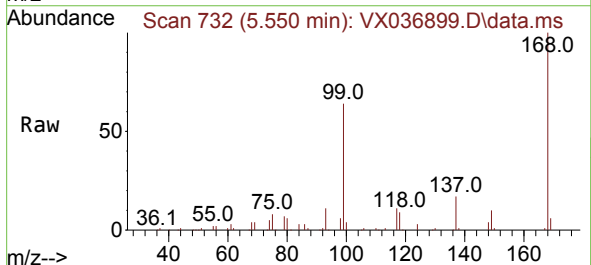
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-1

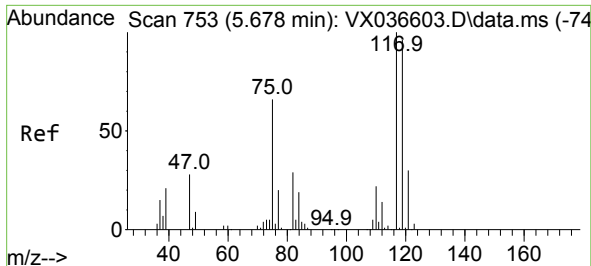
Tgt Ion:113 Resp: 69503
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.229 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036899.D
Acq: 09 Aug 2023 19:57

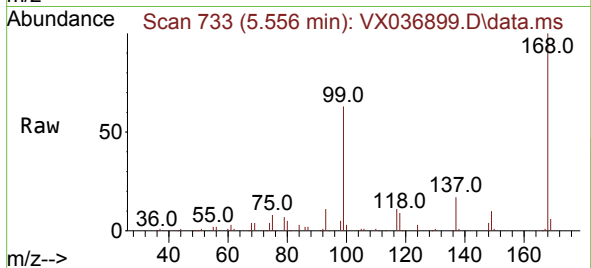
Tgt Ion: 75 Resp: 9477
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



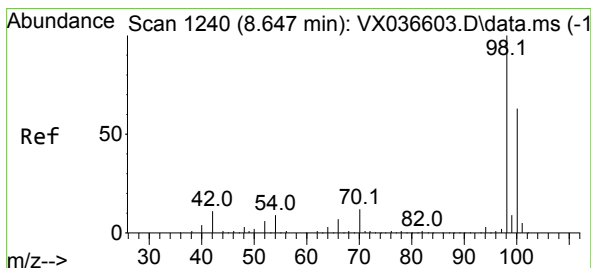
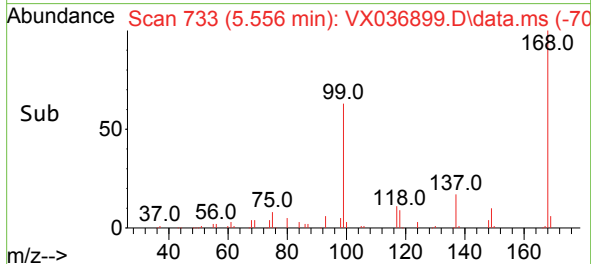
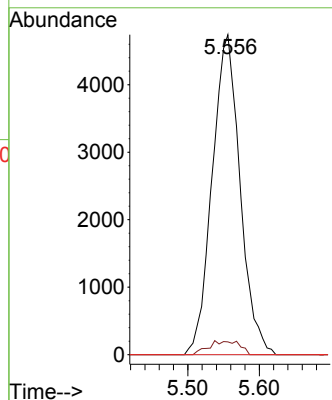


#38
Carbon Tetrachloride
Concen: 5.393 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036899.D
Acq: 09 Aug 2023 19:57

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-1

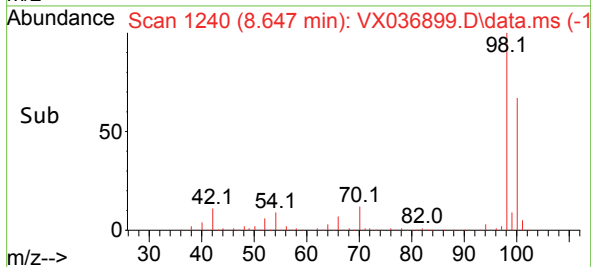
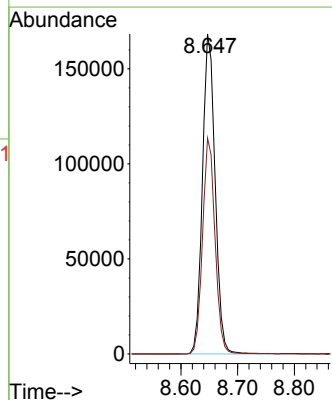
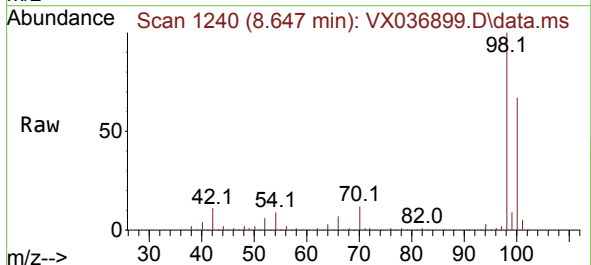


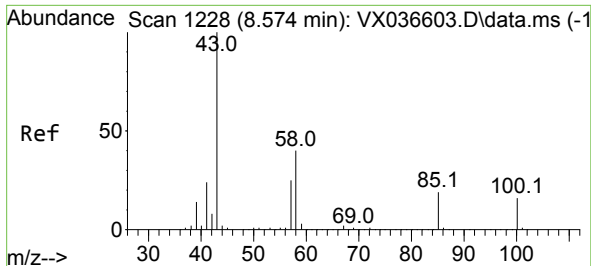
Tgt Ion:117 Resp: 12848
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.948 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036899.D
Acq: 09 Aug 2023 19:57

Tgt Ion: 98 Resp: 260990
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.468 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX036899.D

Acq: 09 Aug 2023 19:57

Instrument :

MSVOA_X

ClientSampleId :

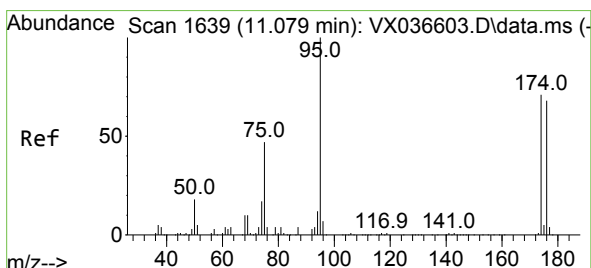
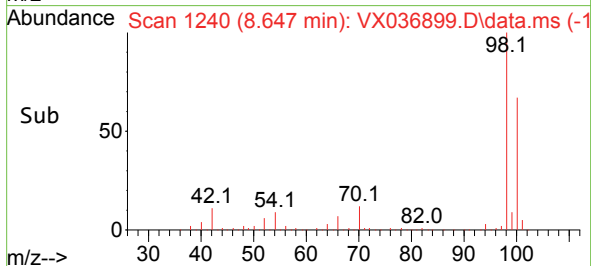
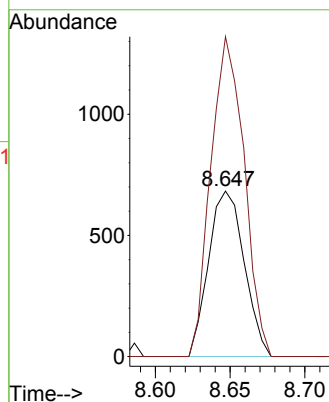
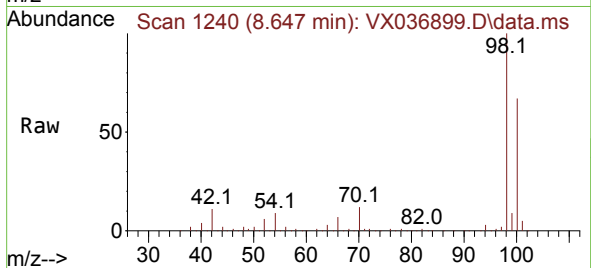
TRIP-BLANK-1

Tgt Ion: 43 Resp: 1131

Ion Ratio Lower Upper

43 100

58 181.3 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.992 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036899.D

Acq: 09 Aug 2023 19:57

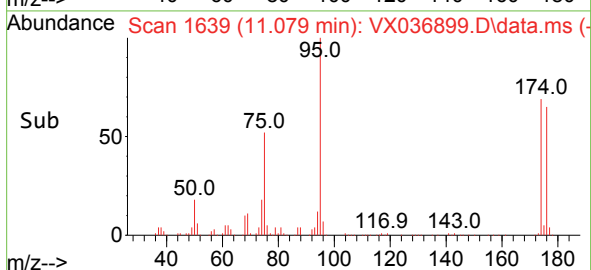
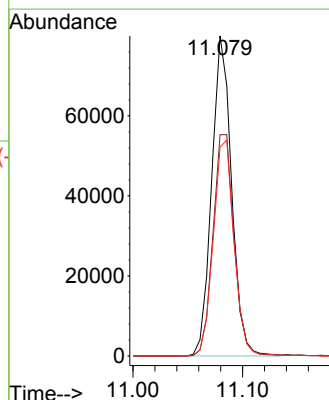
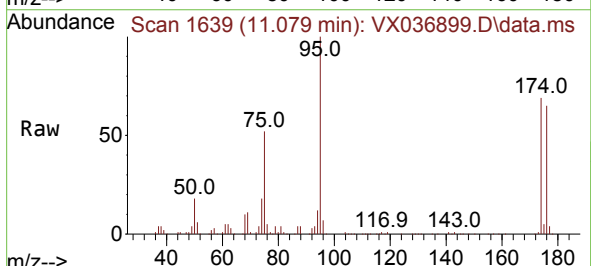
Tgt Ion: 95 Resp: 100567

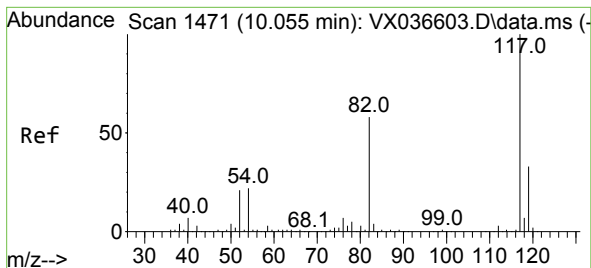
Ion Ratio Lower Upper

95 100

174 73.9 0.0 135.6

176 70.7 0.0 131.0

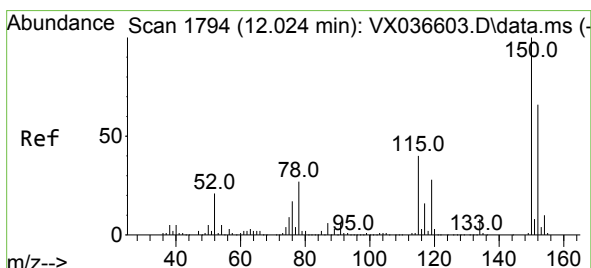
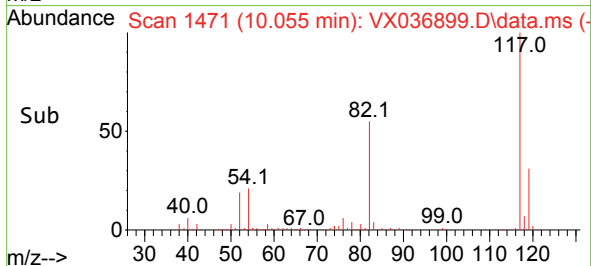
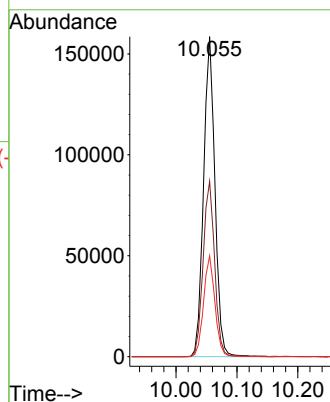
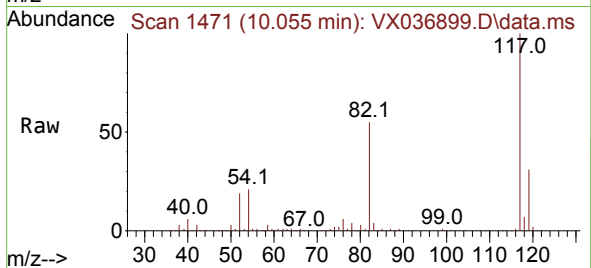




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036899.D
Acq: 09 Aug 2023 19:57

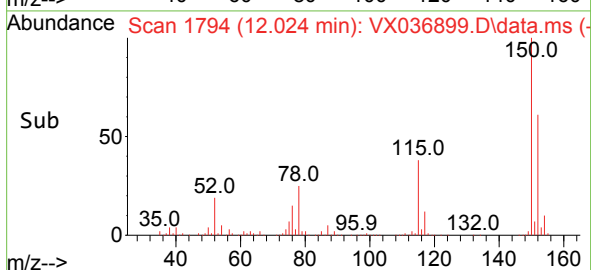
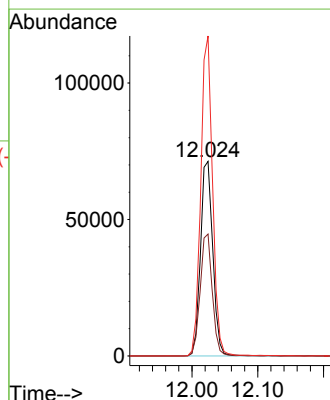
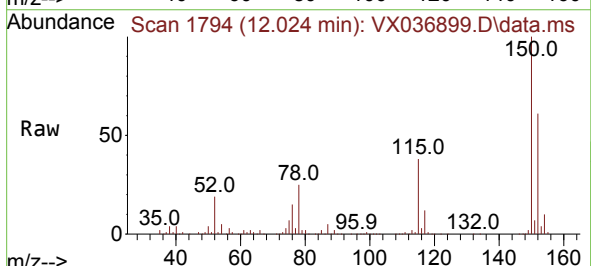
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK-1

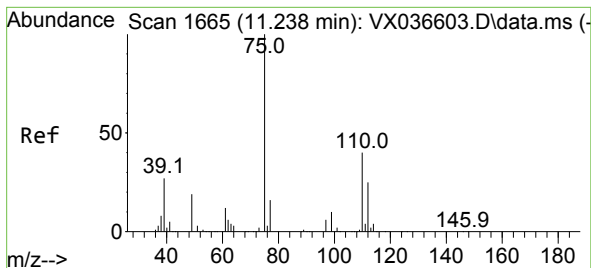
Tgt Ion:117 Resp: 205990
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036899.D
Acq: 09 Aug 2023 19:57

Tgt Ion:152 Resp: 92409
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 157.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.040 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036899.D

Acq: 09 Aug 2023 19:57

Instrument :

MSVOA_X

ClientSampleId :

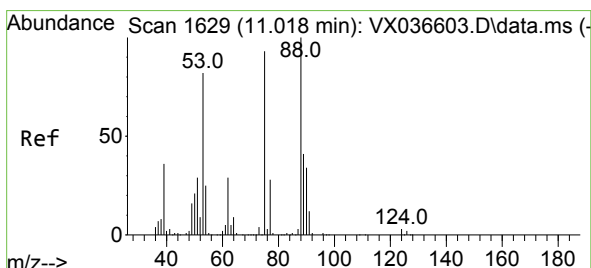
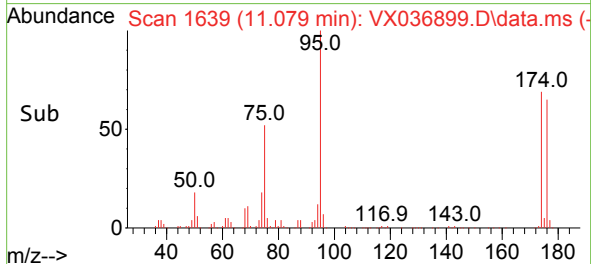
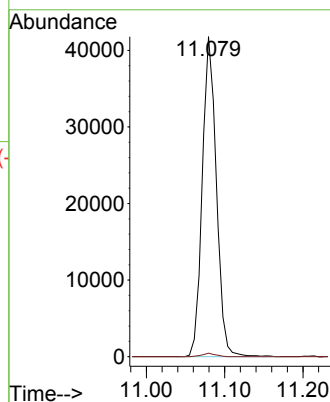
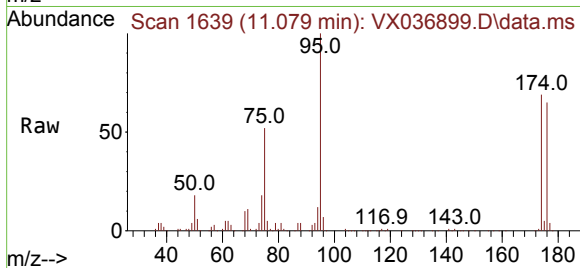
TRIP-BLANK-1

Tgt Ion: 75 Resp: 52253

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.489 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036899.D

Acq: 09 Aug 2023 19:57

Tgt Ion: 75 Resp: 52253

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

