

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036212.D
 Acq On : 19 Jun 2023 17:38
 Operator : JC/MD
 Sample : 03238-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 20 03:45:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

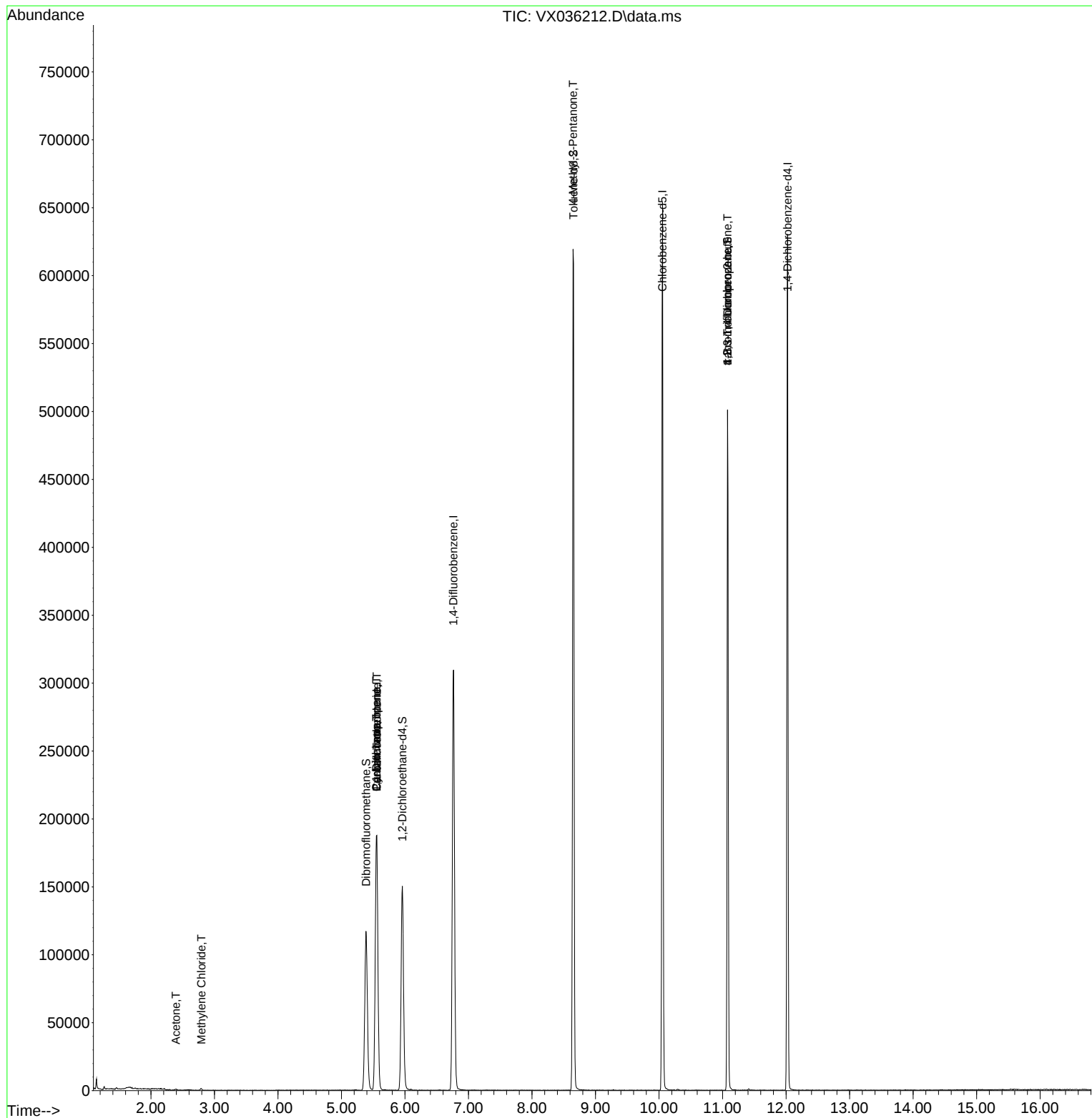
Internal Standards						
1) Pentafluorobenzene	5.556	168	161145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	295140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155619	52.845	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.680%	
35) Dibromofluoromethane	5.385	113	101181	50.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.120%	
50) Toluene-d8	8.653	98	351048	47.951	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	11.079	95	133141	45.054	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.100%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	997	0.815	ug/l	90
20) Methylene Chloride	2.794	84	534	0.241	ug/l #	69
31) Cyclohexane	5.550	56	4664	1.476	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	15557	5.277	ug/l #	47
38) Carbon Tetrachloride	5.556	117	19047	6.646	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1919	0.578	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	76044	27.157	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	76044	95.056	ug/l #	5

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

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TRIP-BLANK

Quant Time: Jun 20 03:45:43 2023
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Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
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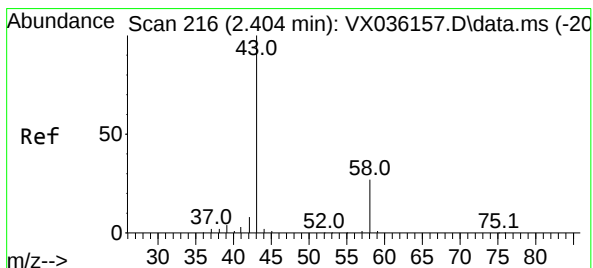
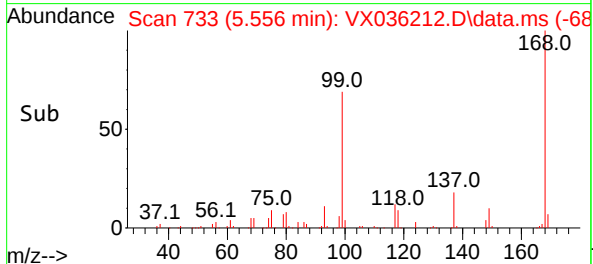
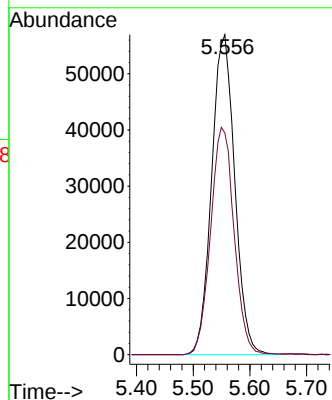
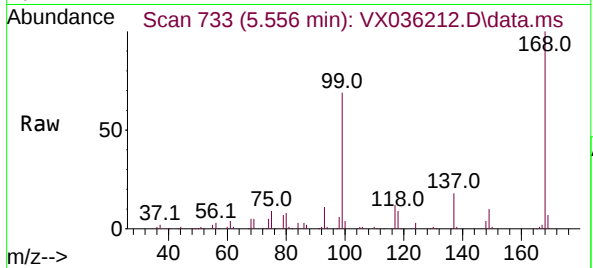




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036212.D
Acq: 19 Jun 2023 17:38

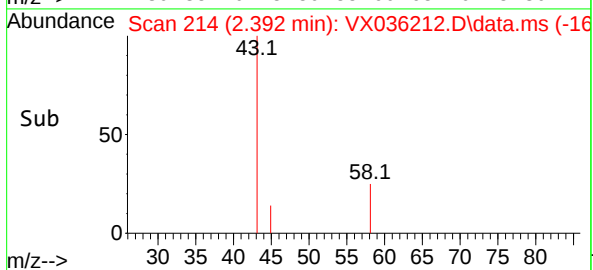
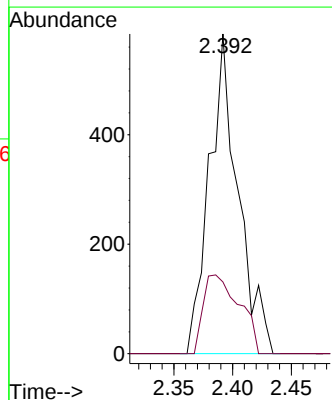
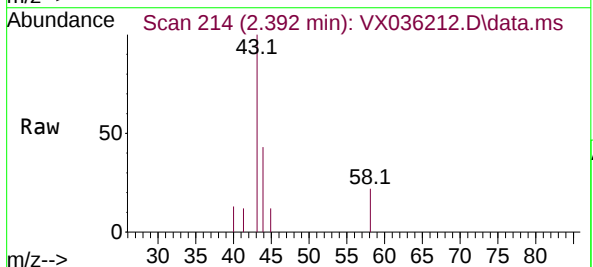
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

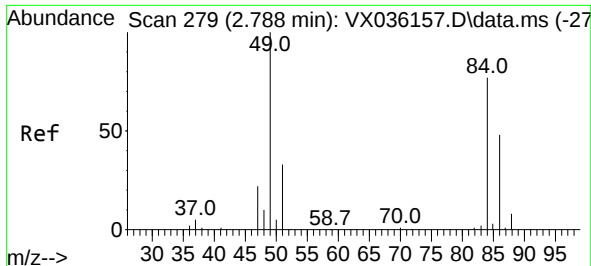
Tgt Ion:168 Resp: 161145
Ion Ratio Lower Upper
168 100
99 69.2 56.6 85.0



#16
Acetone
Concen: 0.815 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036212.D
Acq: 19 Jun 2023 17:38

Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 22.4 21.9 32.9

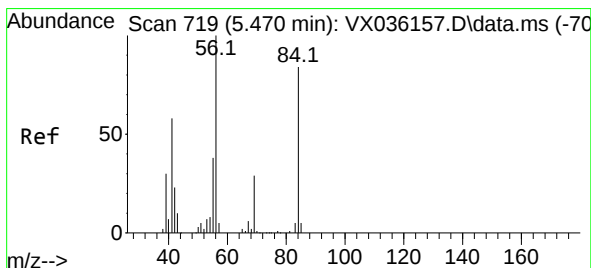
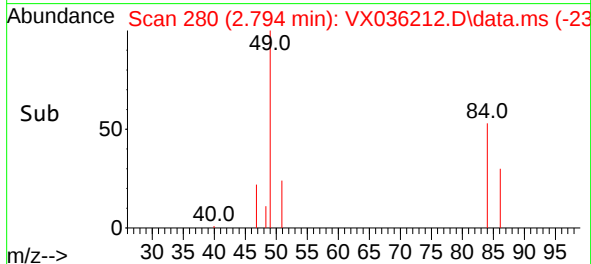
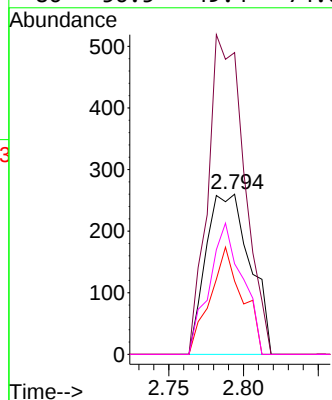
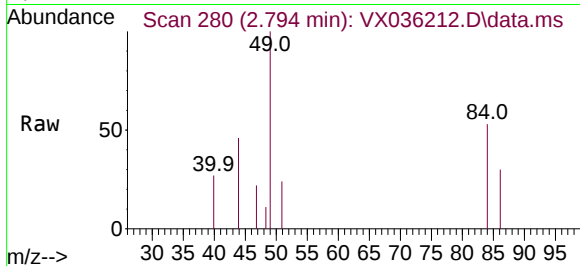




#20
Methylene Chloride
Concen: 0.241 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036212.D
Acq: 19 Jun 2023 17:38

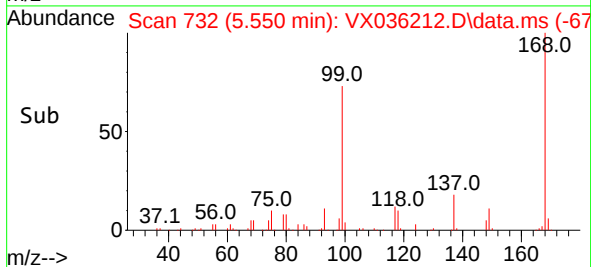
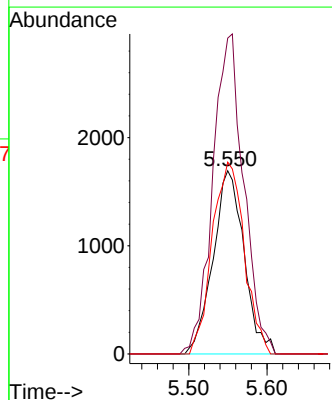
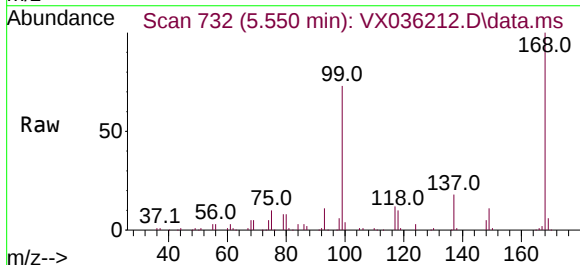
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

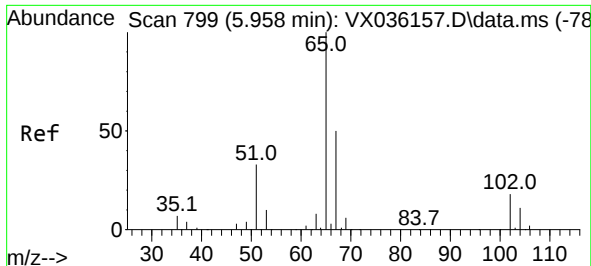
Tgt Ion:	84	Resp:	534
Ion	Ratio	Lower	Upper
84	100		
49	188.5	103.6	155.4#
51	45.8	33.8	50.6
86	56.5	49.4	74.0



#31
Cyclohexane
Concen: 1.476 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036212.D
Acq: 19 Jun 2023 17:38

Tgt Ion:	56	Resp:	4664
Ion	Ratio	Lower	Upper
56	100		
69	172.4	23.4	35.2#
84	104.7	65.9	98.9#

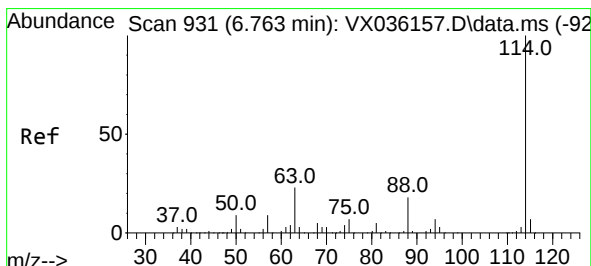
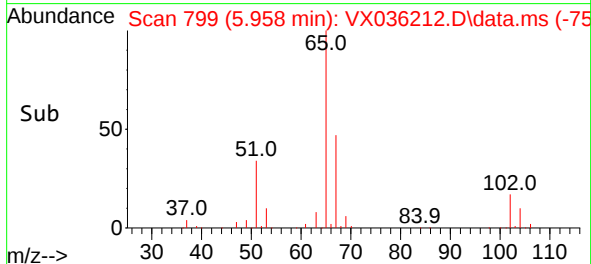
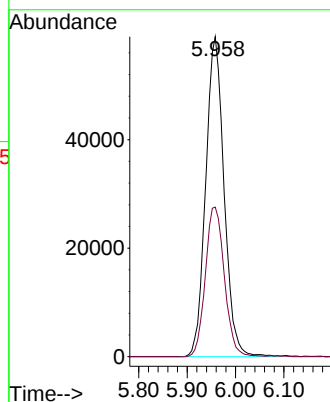
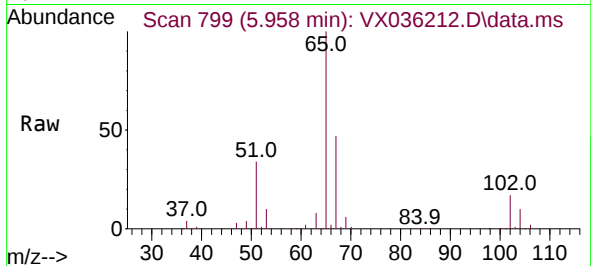




#33
 1,2-Dichloroethane-d4
 Concen: 52.845 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036212.D
 Acq: 19 Jun 2023 17:38

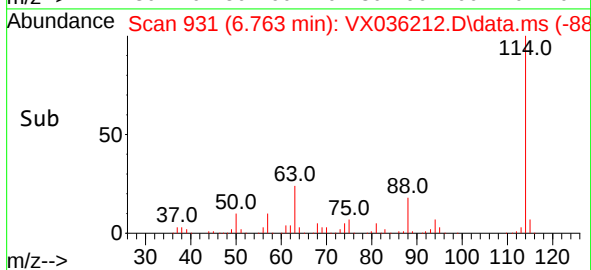
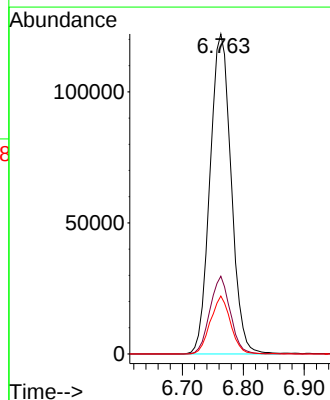
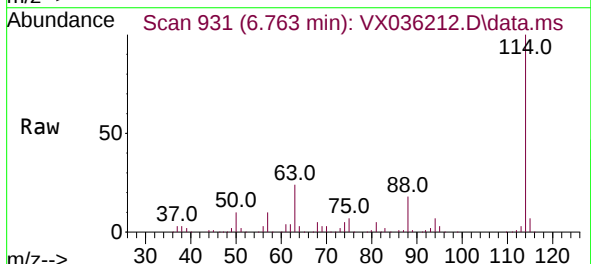
Instrument :
 MSVOA_X
 ClientSampleId :
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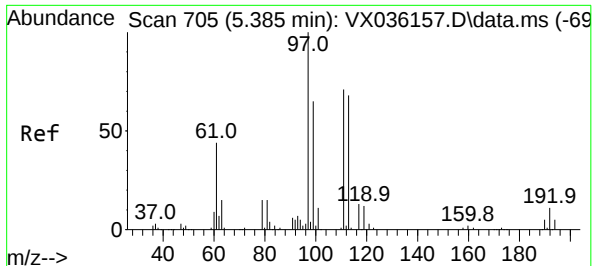
Tgt Ion: 65 Resp: 155619
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036212.D
 Acq: 19 Jun 2023 17:38

Tgt Ion: 114 Resp: 295140
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 45.0
 88 18.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.555 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036212.D

Acq: 19 Jun 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

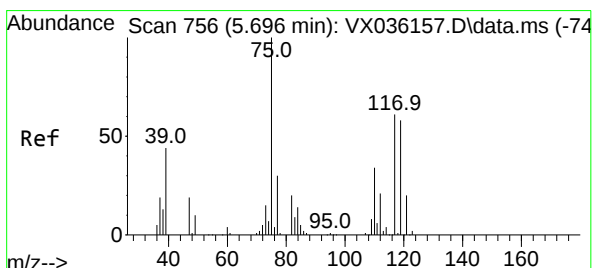
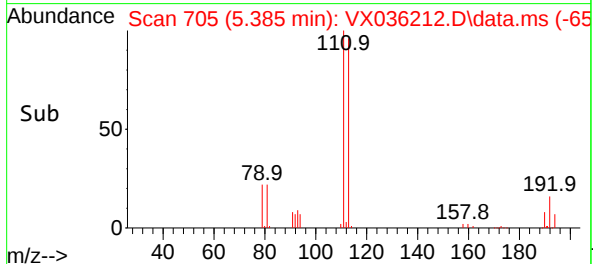
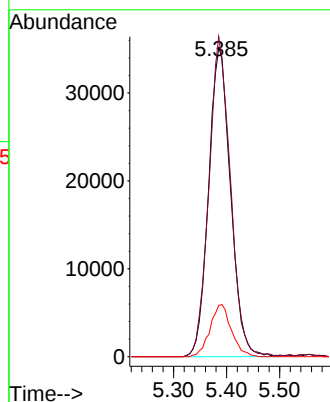
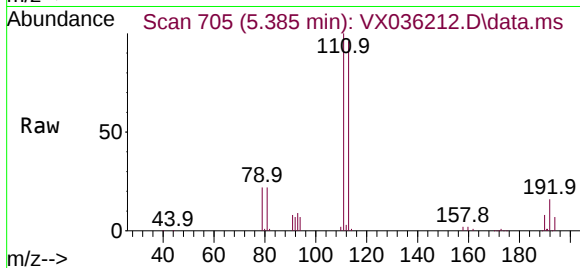
Tgt Ion:113 Resp: 101181

Ion Ratio Lower Upper

113 100

111 101.3 82.9 124.3

192 16.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.277 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX036212.D

Acq: 19 Jun 2023 17:38

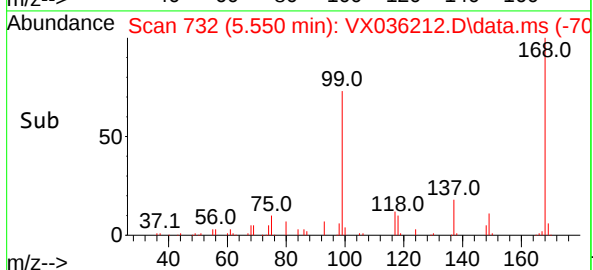
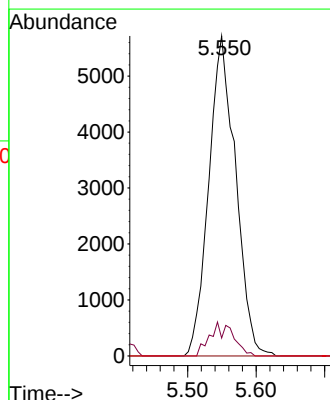
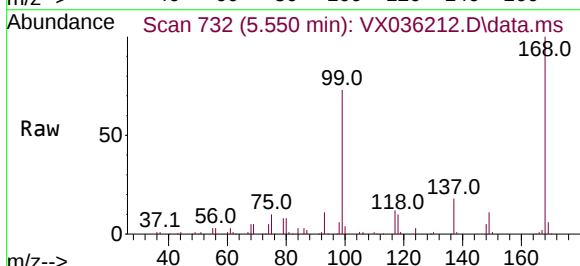
Tgt Ion: 75 Resp: 15557

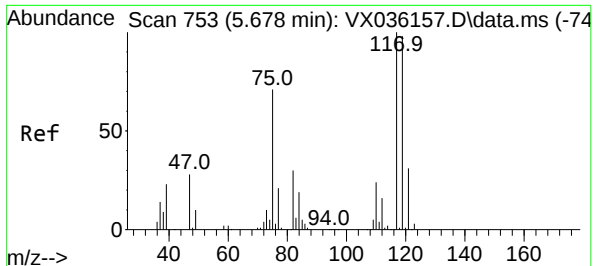
Ion Ratio Lower Upper

75 100

110 4.8 17.0 50.9#

77 0.0 24.7 37.1#

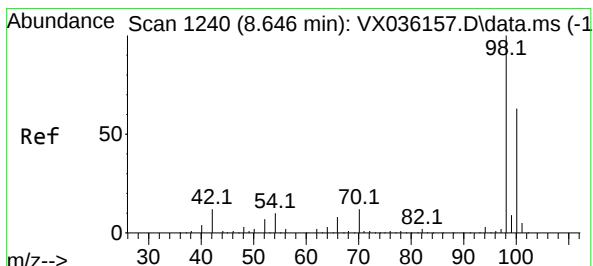
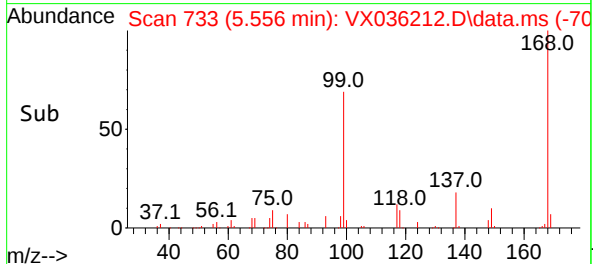
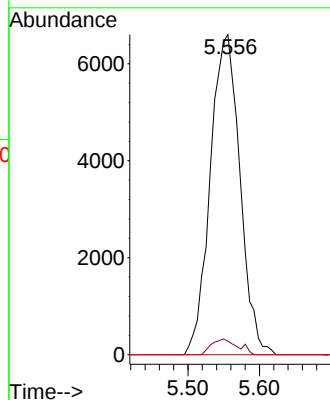
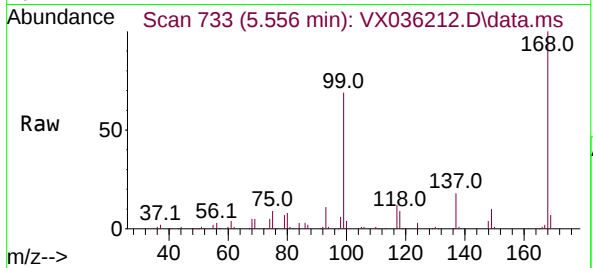




#38
Carbon Tetrachloride
Concen: 6.646 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036212.D
Acq: 19 Jun 2023 17:38

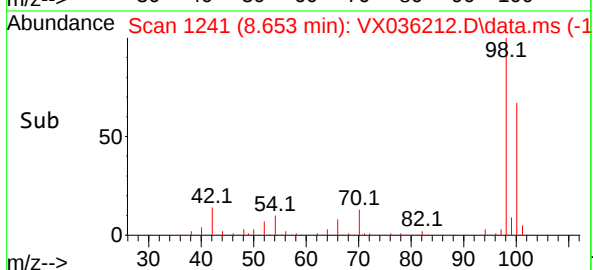
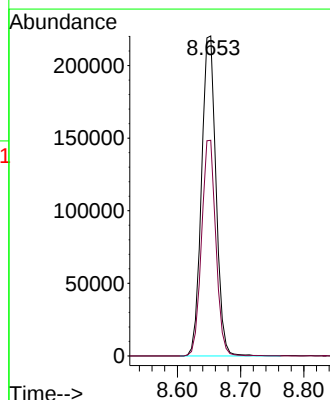
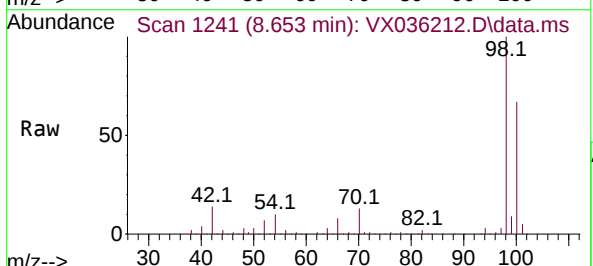
Instrument :
MSVOA_X
ClientSampleId :
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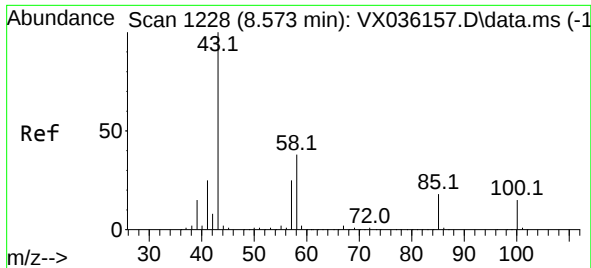
Tgt Ion:117 Resp: 19047
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.951 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036212.D
Acq: 19 Jun 2023 17:38

Tgt Ion: 98 Resp: 351048
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

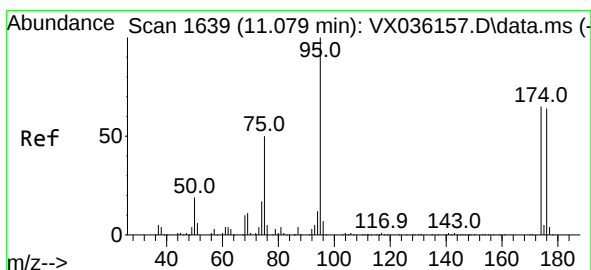
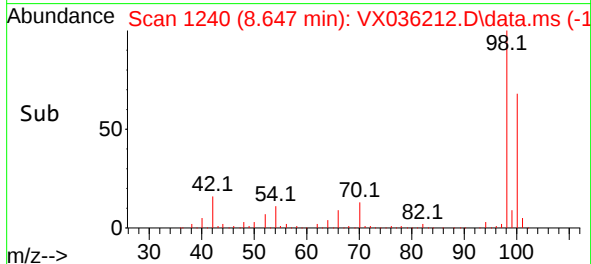
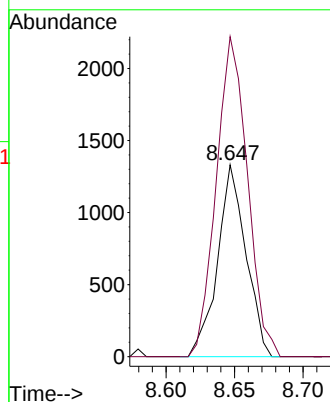
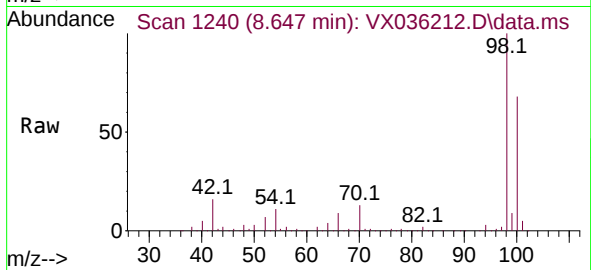




#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036212.D
Acq: 19 Jun 2023 17:38

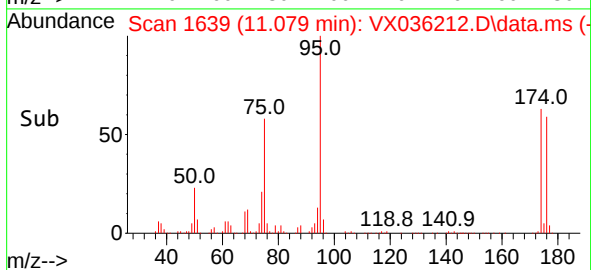
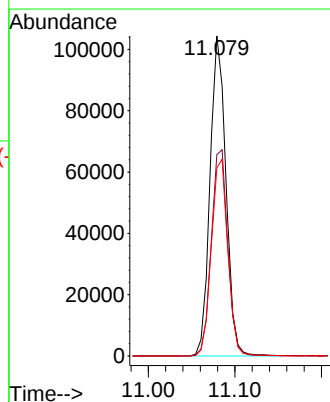
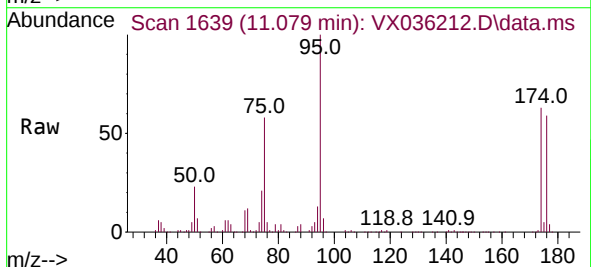
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ClientSampleId :
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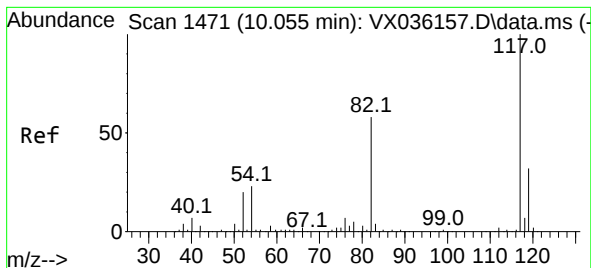
Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
58 183.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036212.D
Acq: 19 Jun 2023 17:38

Tgt Ion: 95 Resp: 133141
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.6
176 63.6 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: VX036212.D

Acq: 19 Jun 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

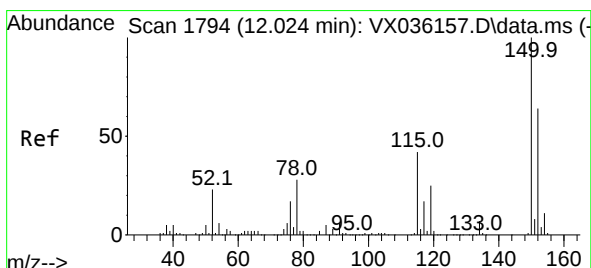
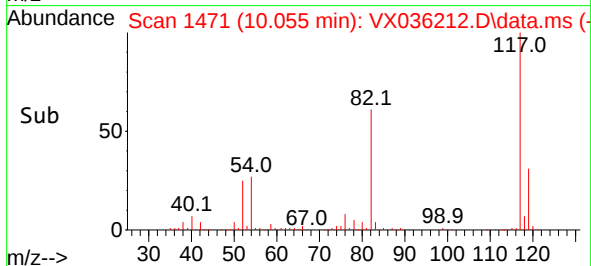
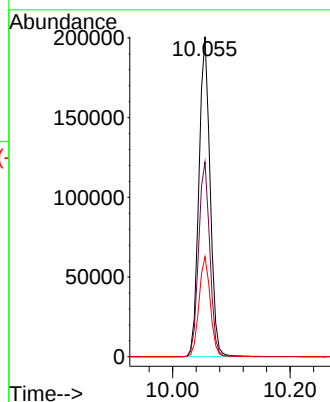
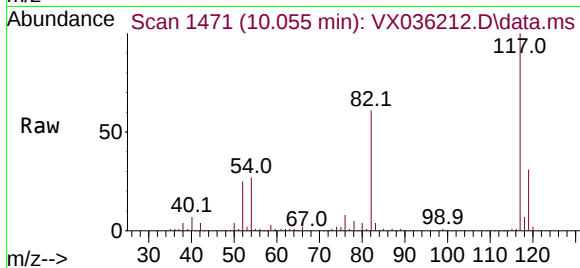
Tgt Ion:117 Resp: 265605

Ion Ratio Lower Upper

117 100

82 60.9 46.2 69.4

119 31.3 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: VX036212.D

Acq: 19 Jun 2023 17:38

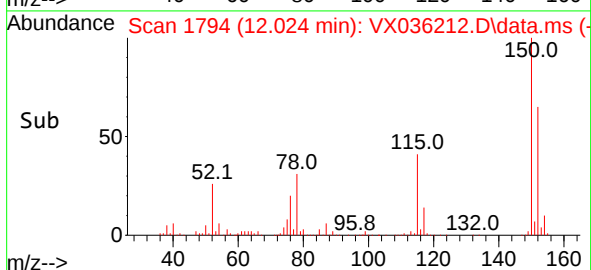
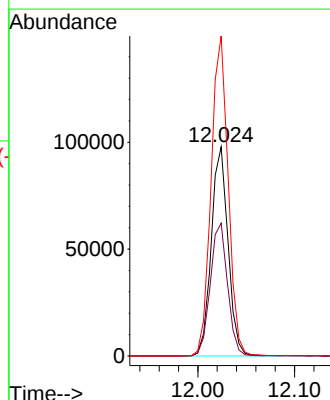
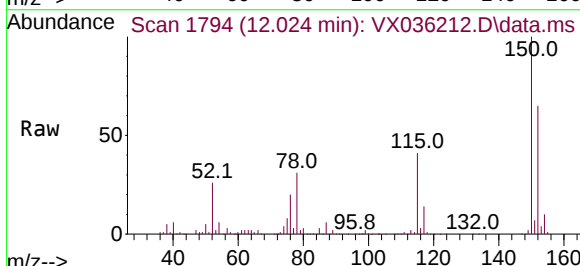
Tgt Ion:152 Resp: 117986

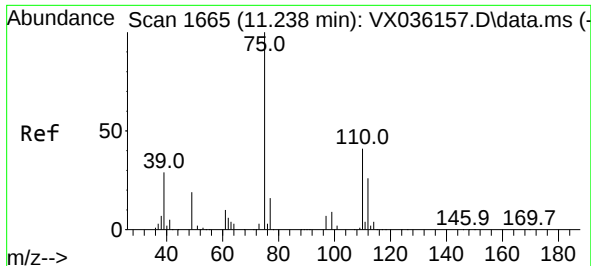
Ion Ratio Lower Upper

152 100

115 65.5 43.3 129.9

150 155.7 0.0 345.0

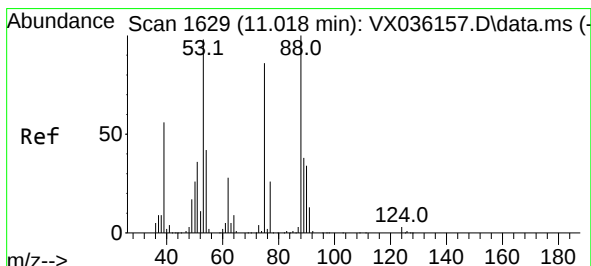
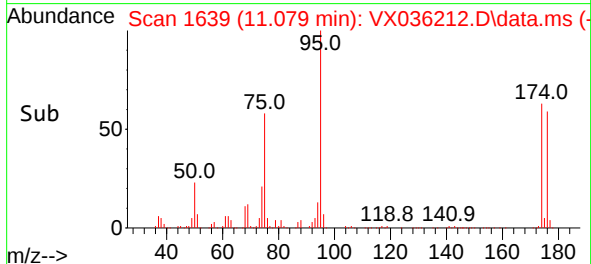
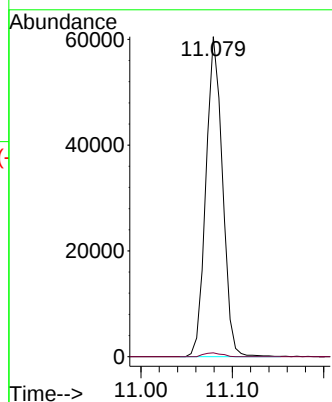
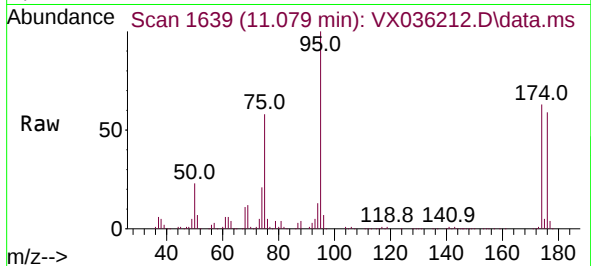




#76
1,2,3-Trichloropropane
Concen: 27.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036212.D
Acq: 19 Jun 2023 17:38

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 76044
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036212.D
Acq: 19 Jun 2023 17:38

Tgt Ion: 75 Resp: 76044
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

