

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036865.D
 Acq On : 08 Aug 2023 15:39
 Operator : JC/MD
 Sample : 03903-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05W

Quant Time: Aug 09 04:15:48 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)

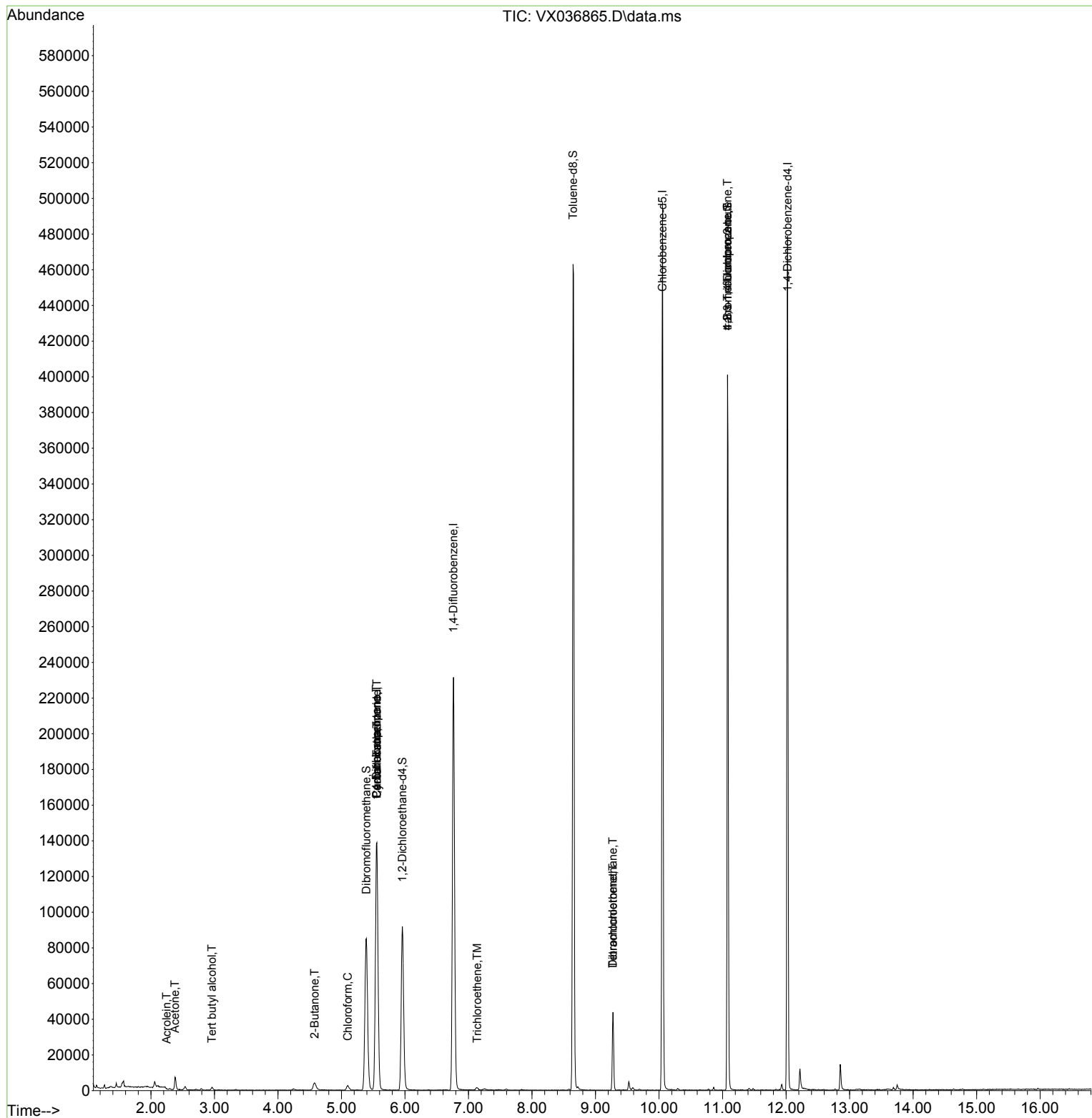
Internal Standards						
1) Pentafluorobenzene	5.556	168	127673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89274	47.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.520%		
35) Dibromofluoromethane	5.391	113	76176	46.842	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.680%		
50) Toluene-d8	8.647	98	283739	49.201	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	11.079	95	108601	49.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.820%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	1686	3.770	ug/l #	93
13) Acrolein	2.245	56	87	0.341	ug/l #	14
16) Acetone	2.379	43	7471	9.530	ug/l #	88
25) 2-Butanone	4.574	43	1811	1.424	ug/l #	80
30) Chloroform	5.098	83	3210	1.047	ug/l	100
31) Cyclohexane	5.556	56	2793	1.068	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10582	4.366	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14001	5.433	ug/l #	14
44) Trichloroethene	7.135	130	594	0.322	ug/l	84
60) Dibromochloromethane	9.275	129	7704	3.774	ug/l #	11
64) Tetrachloroethene	9.275	164	7777	4.744	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	56249	24.230	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56249	54.918	ug/l #	5

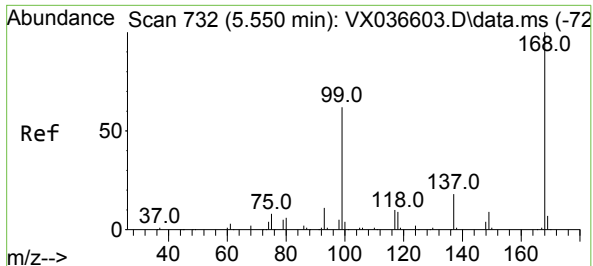
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
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MW-05W

Quant Time: Aug 09 04:15:48 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

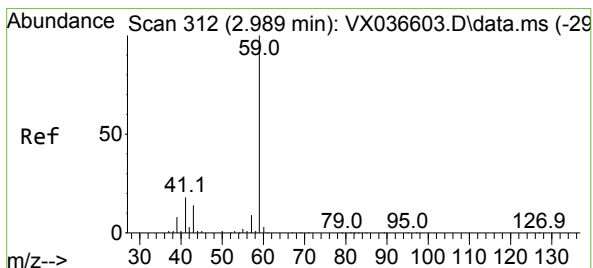
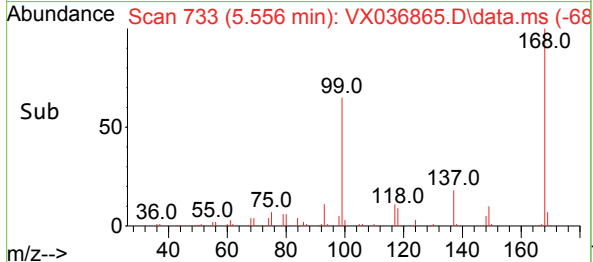
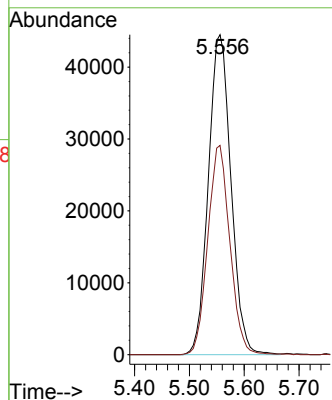
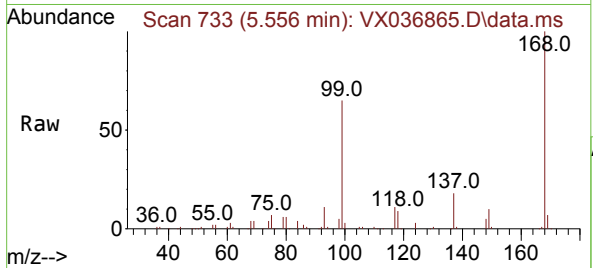




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

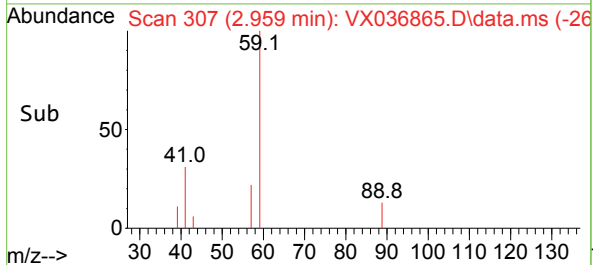
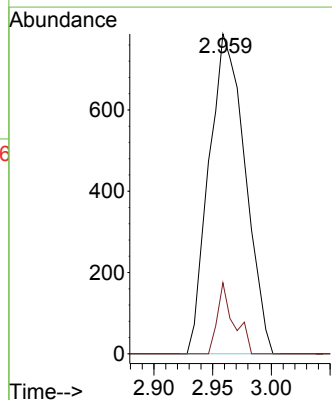
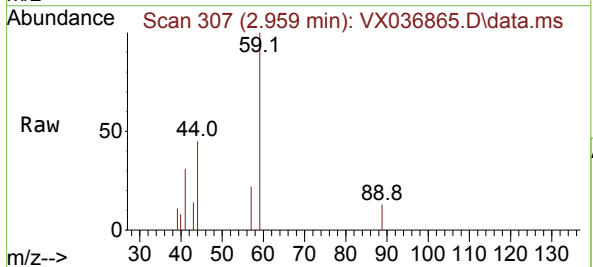
Instrument :
MSVOA_X
ClientSampleId :
MW-05W

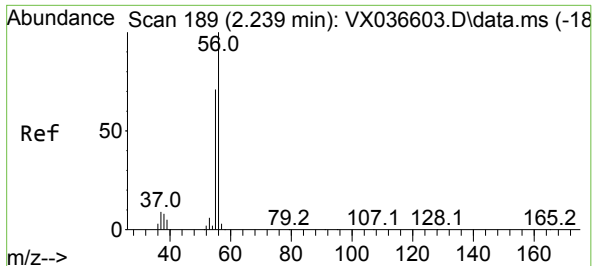
Tgt Ion:168 Resp: 127673
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.770 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

Tgt Ion: 59 Resp: 1686
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0#

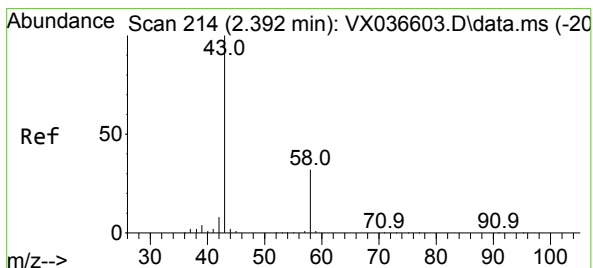
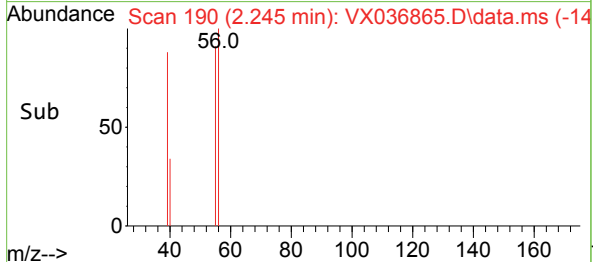
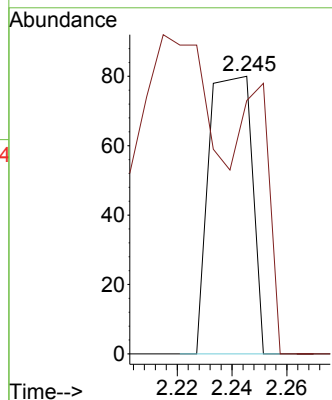
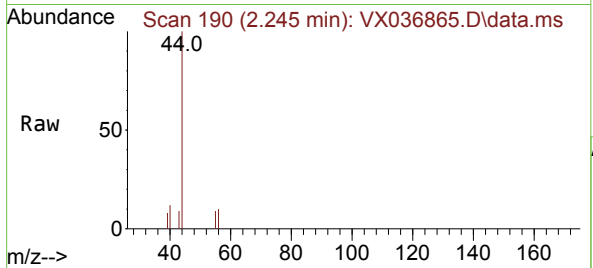




#13
Acrolein
Concen: 0.341 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

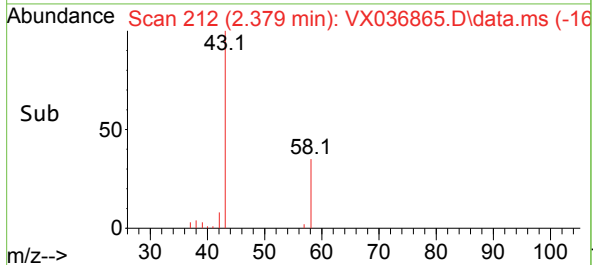
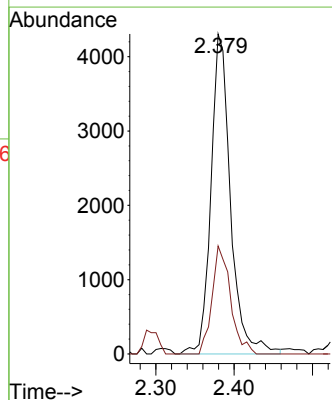
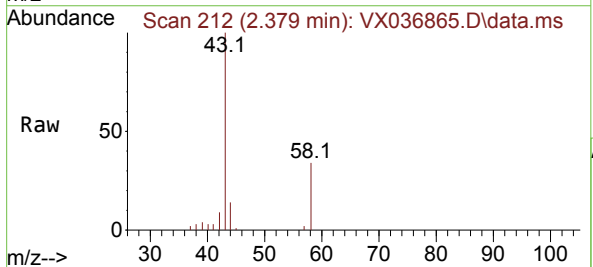
Instrument :
MSVOA_X
ClientSampleId :
MW-05W

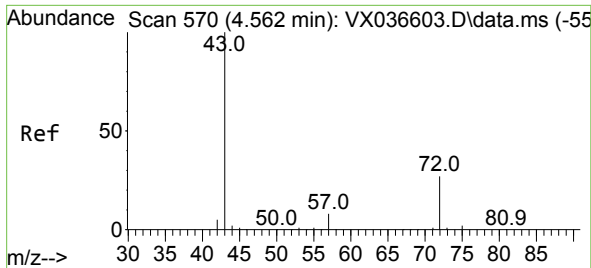
Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 9.530 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

Tgt Ion: 43 Resp: 7471
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#

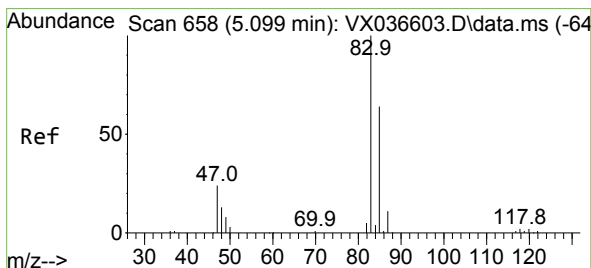
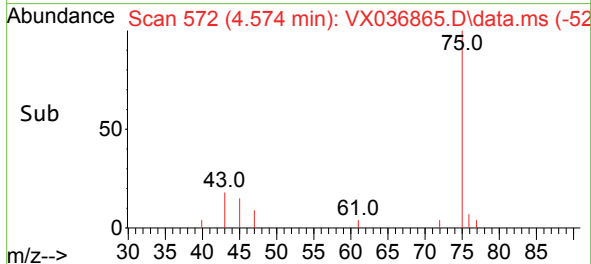
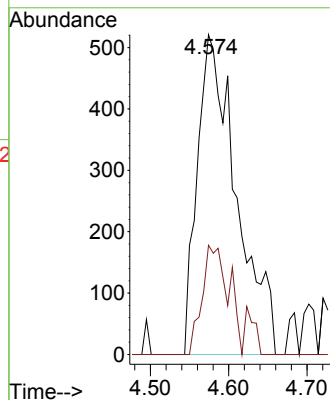
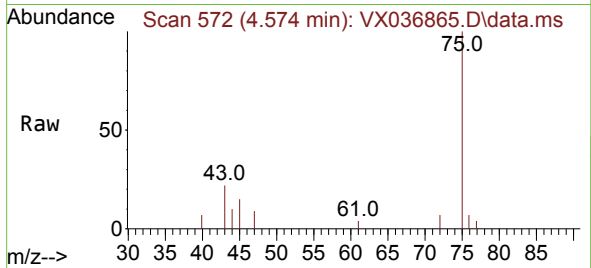




#25
2-Butanone
Concen: 1.424 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

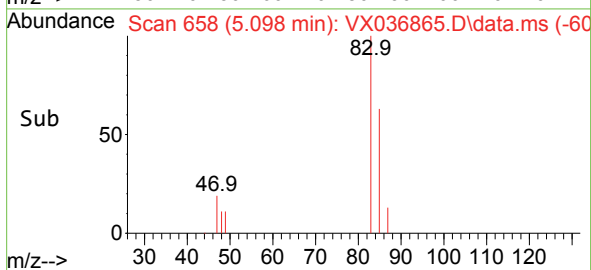
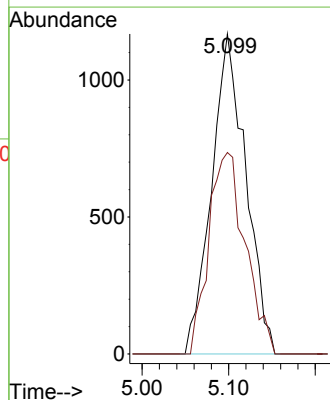
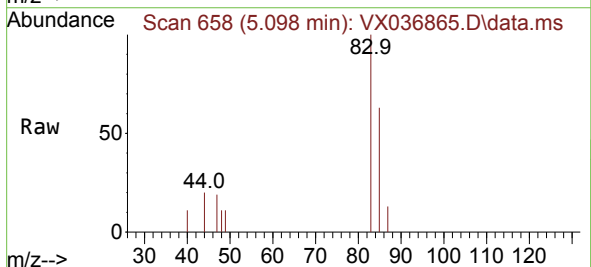
Instrument :
MSVOA_X
ClientSampleId :
MW-05W

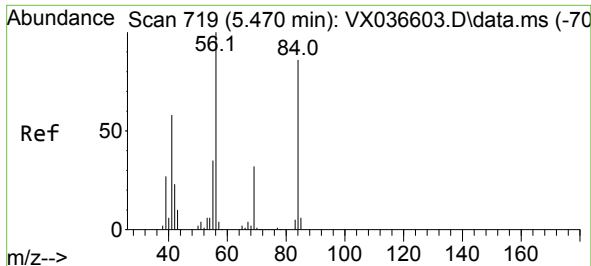
Tgt Ion: 43 Resp: 1811
Ion Ratio Lower Upper
43 100
72 34.2 19.4 29.2#



#30
Chloroform
Concen: 1.047 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

Tgt Ion: 83 Resp: 3210
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5

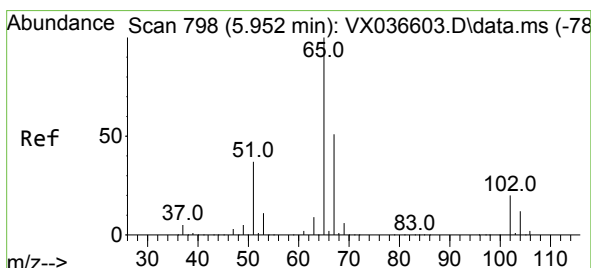
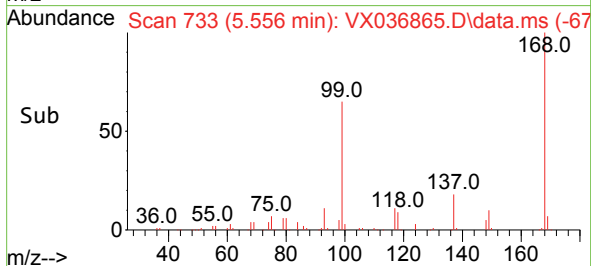
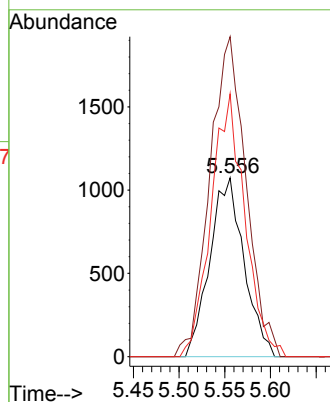
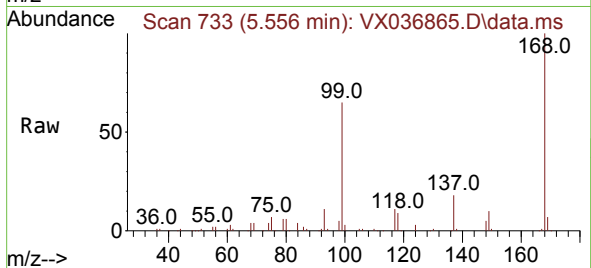




#31
Cyclohexane
Concen: 1.068 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

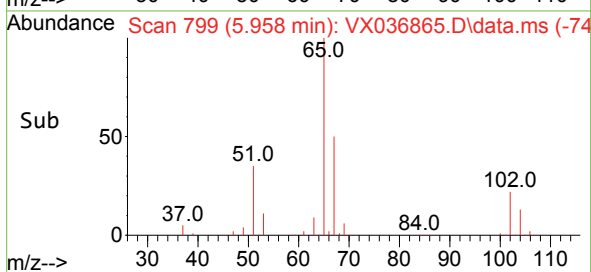
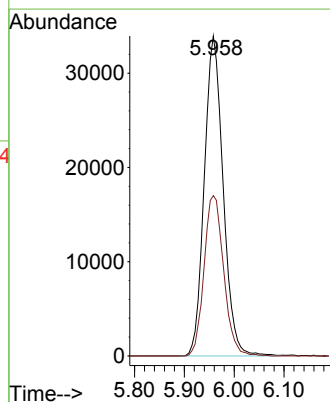
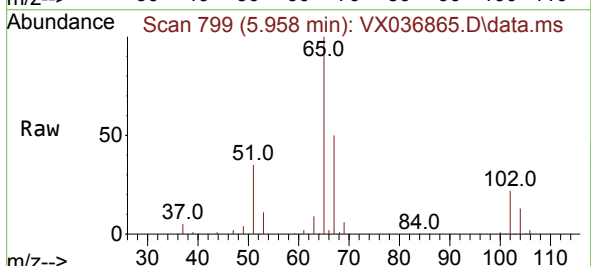
Instrument :
MSVOA_X
ClientSampleId :
MW-05W

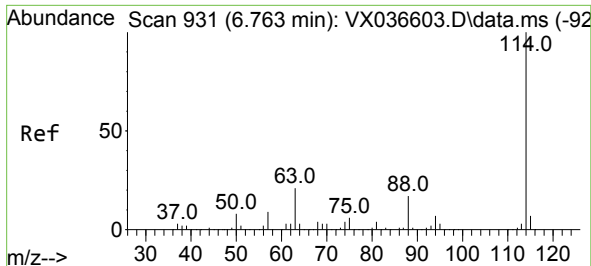
Tgt Ion: 56 Resp: 2793
Ion Ratio Lower Upper
56 100
69 179.0 23.4 35.2#
84 147.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.257 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

Tgt Ion: 65 Resp: 89274
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

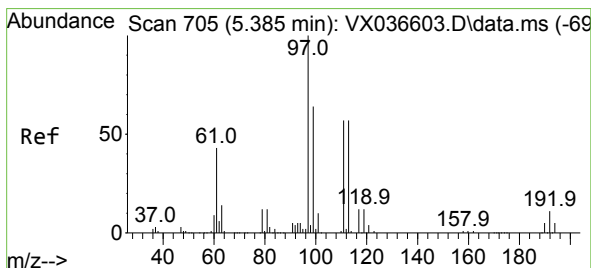
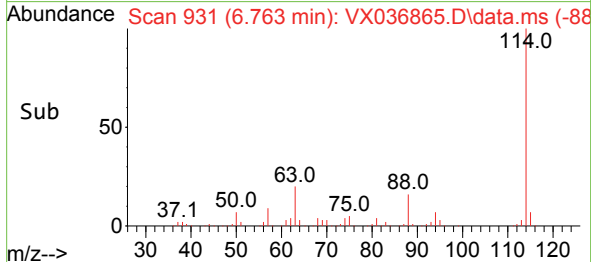
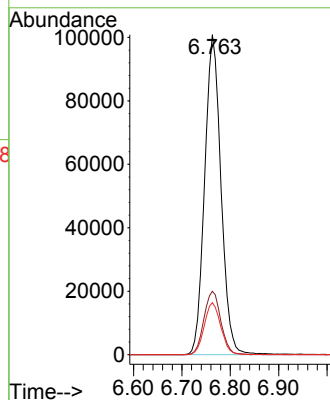
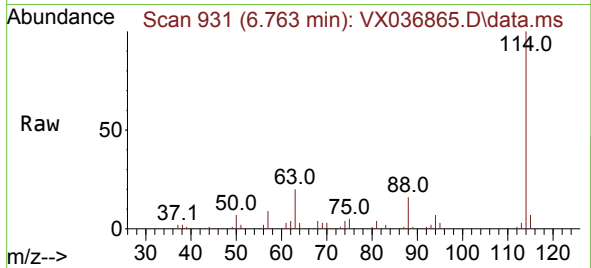




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

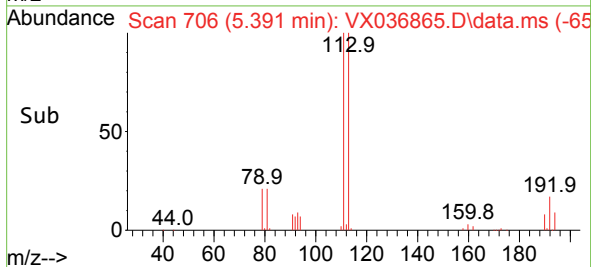
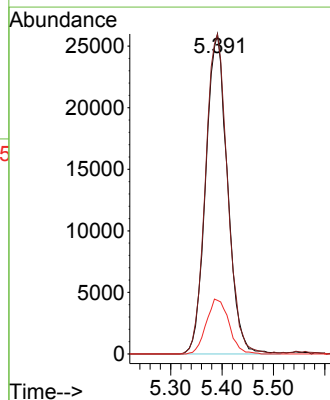
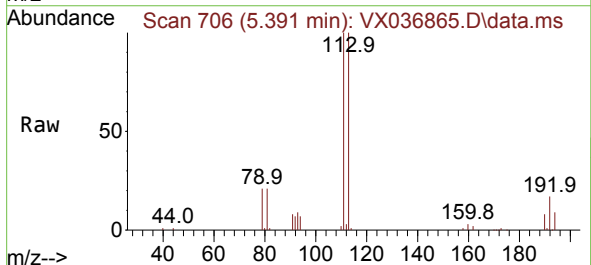
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ClientSampleId :
MW-05W

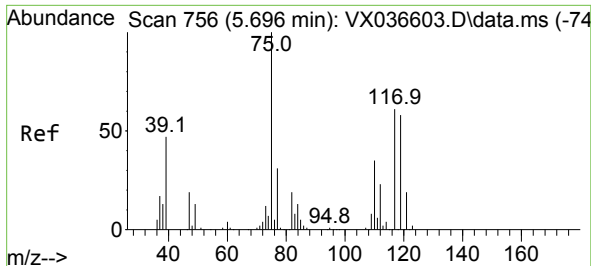
Tgt Ion:114 Resp: 236596
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.842 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

Tgt Ion:113 Resp: 76176
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.9 13.3 19.9

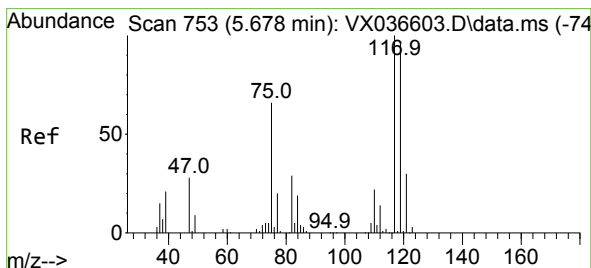
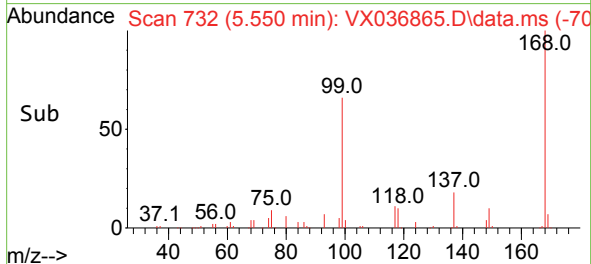
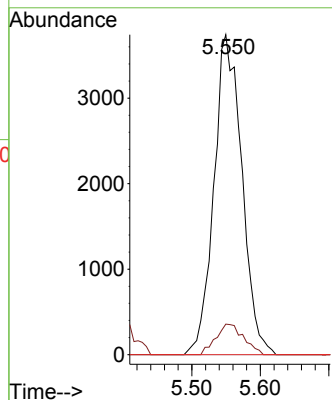
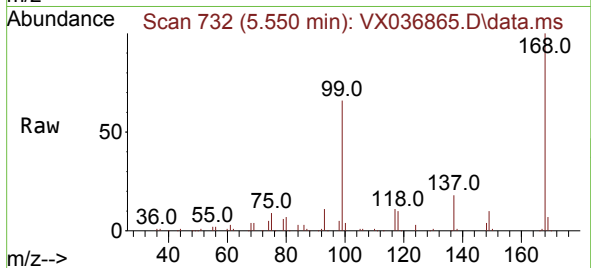




#36
1,1-Dichloropropene
Concen: 4.366 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

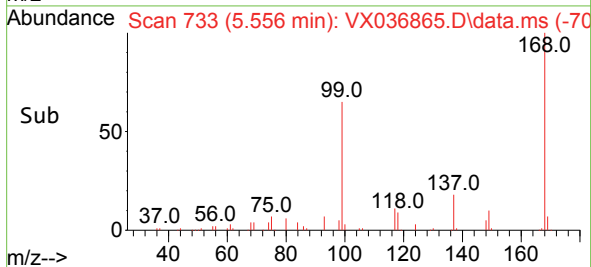
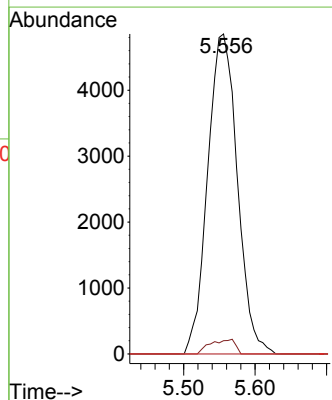
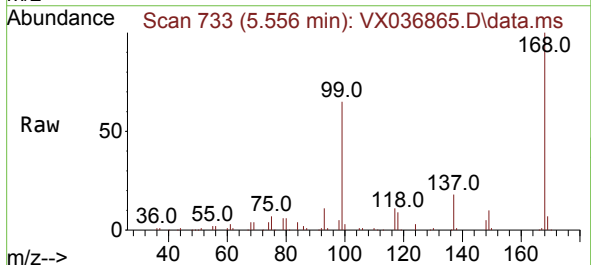
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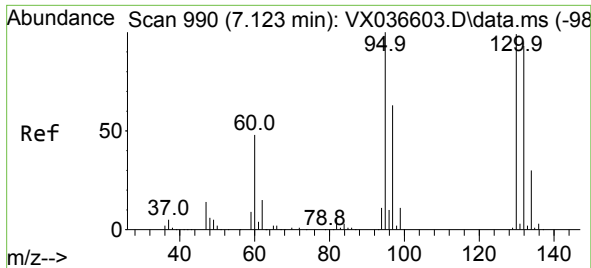
Tgt Ion: 75 Resp: 10582
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.433 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

Tgt Ion: 117 Resp: 14001
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

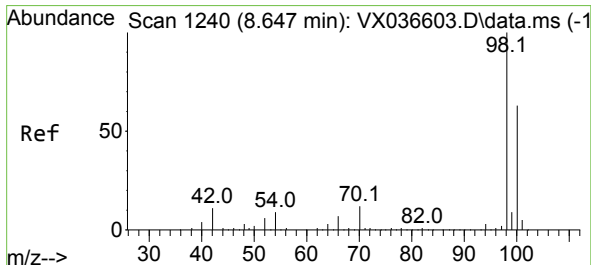
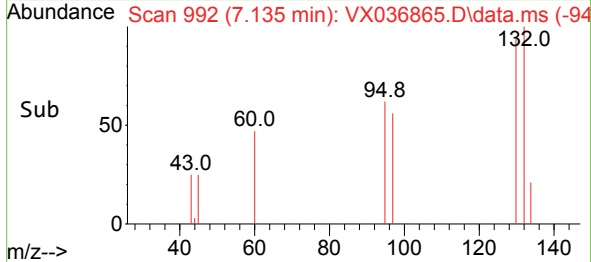
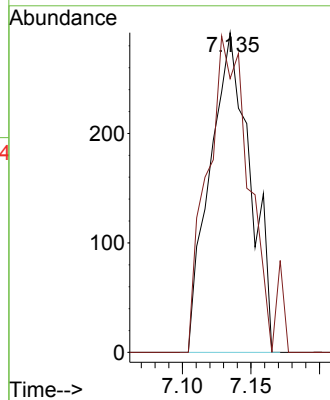
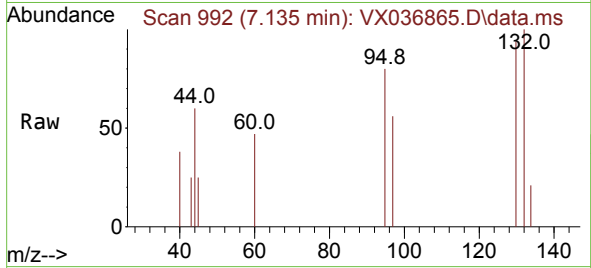




#44
Trichloroethene
Concen: 0.322 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

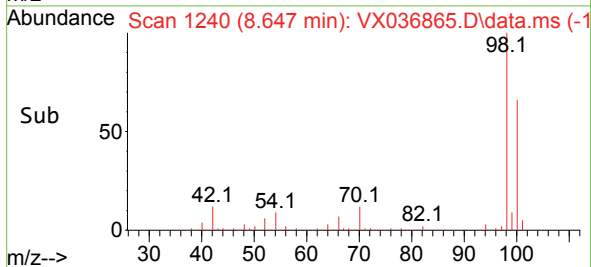
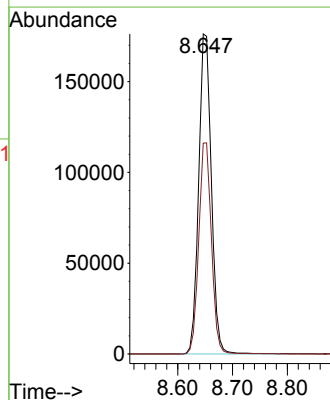
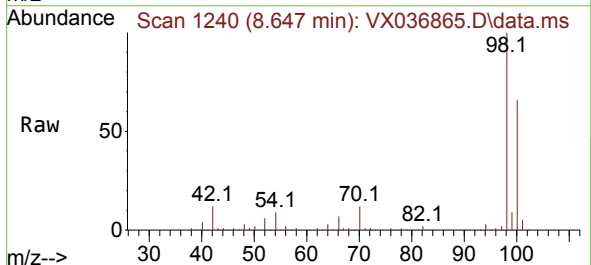
Instrument :
MSVOA_X
ClientSampleId :
MW-05W

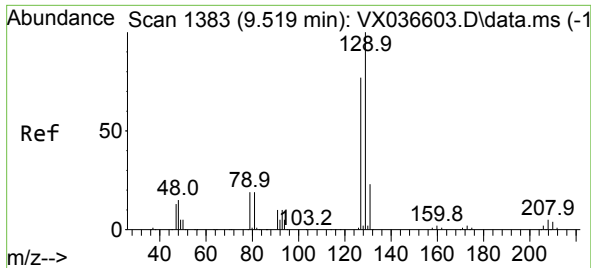
Tgt Ion:130 Resp: 594
Ion Ratio Lower Upper
130 100
95 85.6 0.0 204.4



#50
Toluene-d8
Concen: 49.201 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

Tgt Ion: 98 Resp: 283739
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

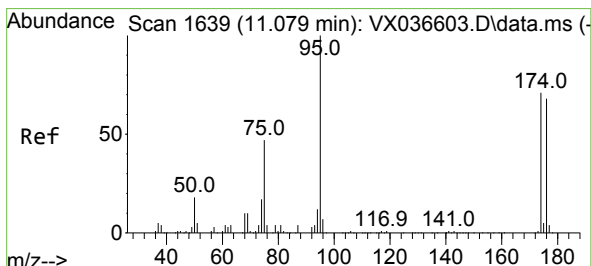
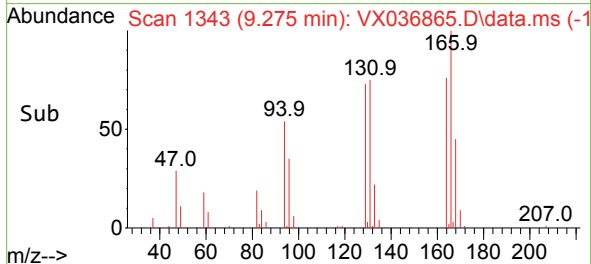
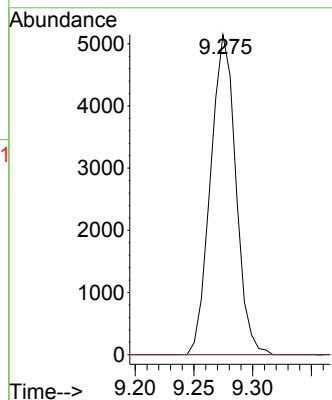
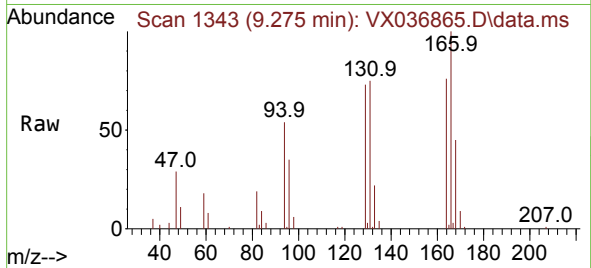




#60
Dibromochloromethane
Concen: 3.774 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

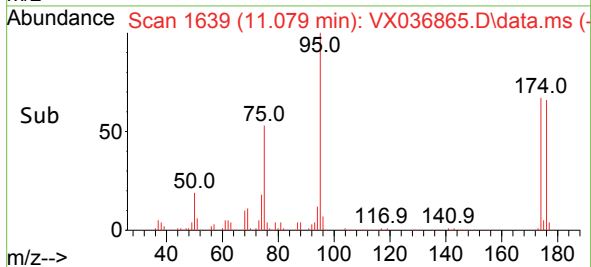
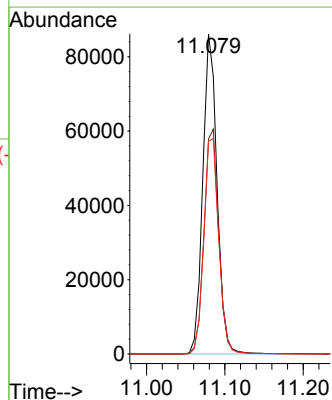
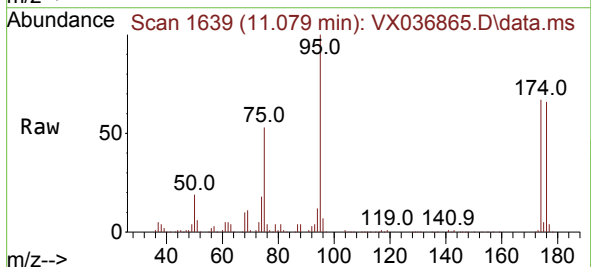
Instrument :
MSVOA_X
ClientSampleId :
MW-05W

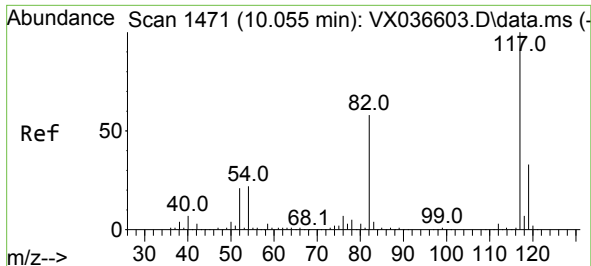
Tgt Ion:129 Resp: 7704
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.914 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

Tgt Ion: 95 Resp: 108601
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.7 0.0 131.0

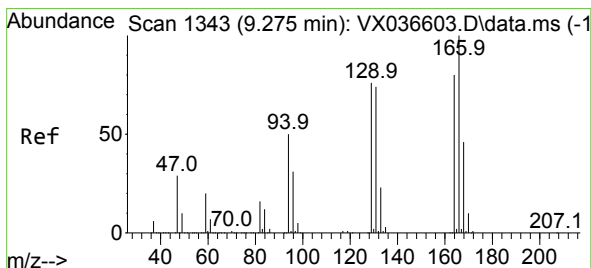
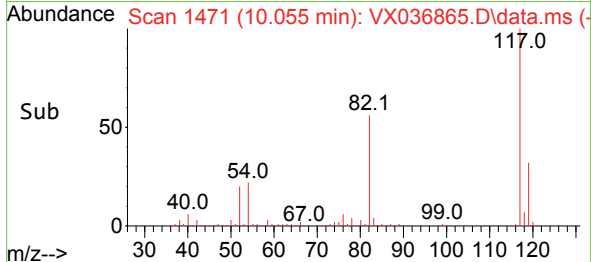
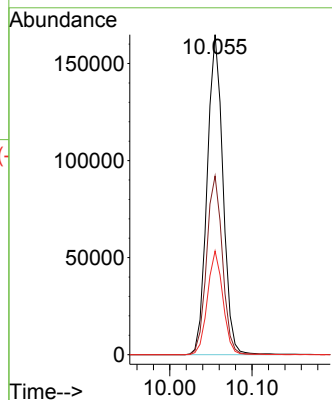
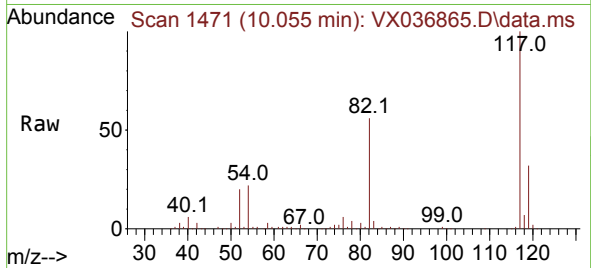




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

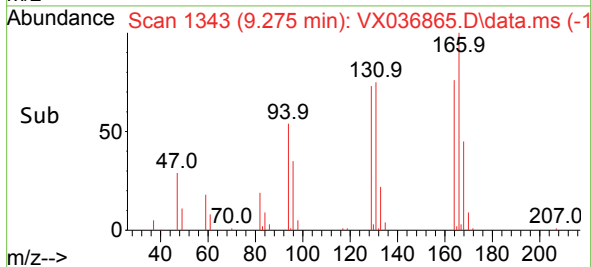
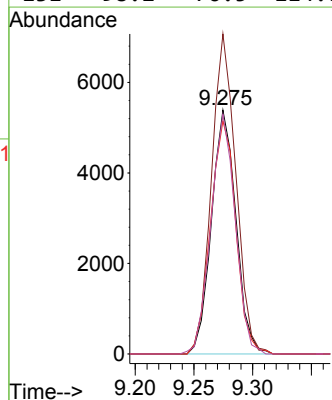
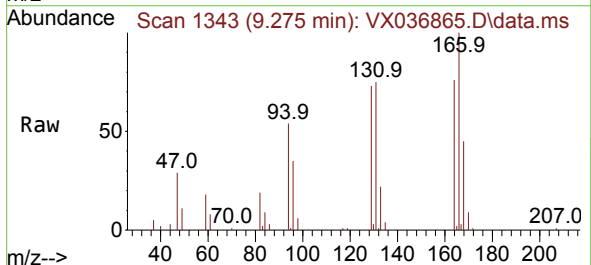
Instrument : MSVOA_X
ClientSampleId : MW-05W

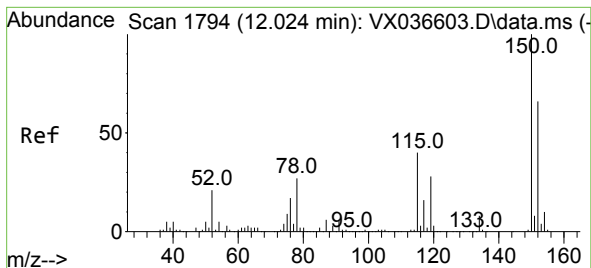
Tgt Ion:117 Resp: 219804
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 4.744 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036865.D
Acq: 08 Aug 2023 15:39

Tgt Ion:164 Resp: 7777
Ion Ratio Lower Upper
164 100
166 131.2 102.7 154.1
129 95.5 80.4 120.6
131 98.2 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036865.D

Acq: 08 Aug 2023 15:39

Instrument :

MSVOA_X

ClientSampleId :

MW-05W

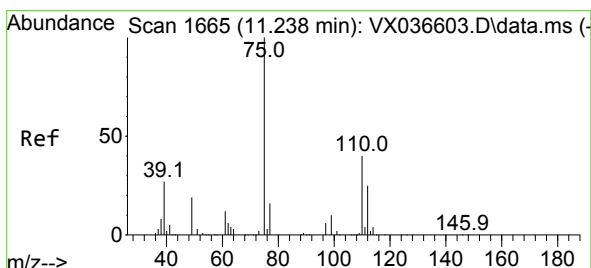
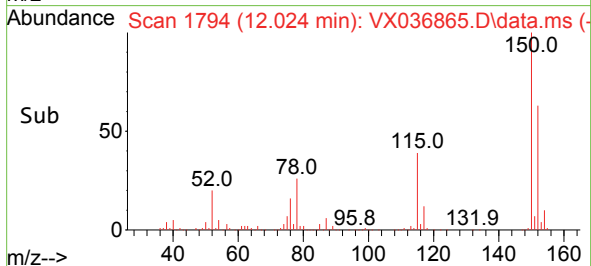
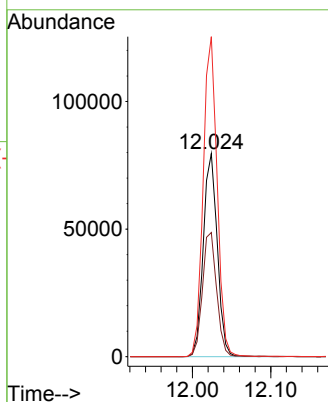
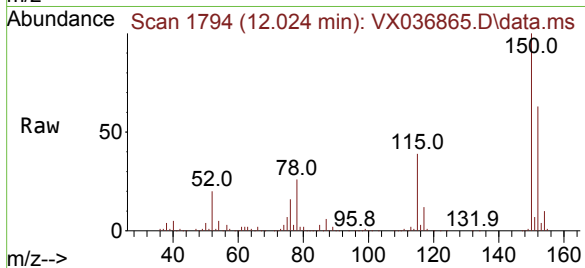
Tgt Ion:152 Resp: 98698

Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.230 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036865.D

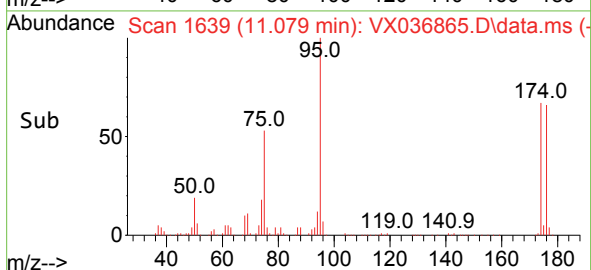
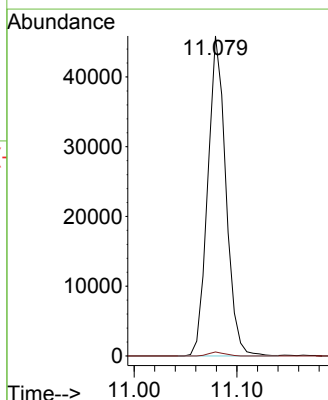
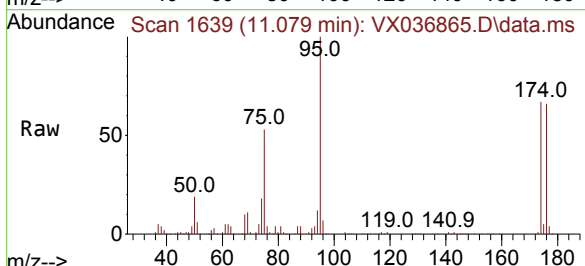
Acq: 08 Aug 2023 15:39

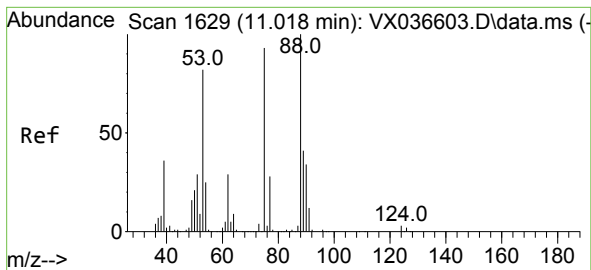
Tgt Ion: 75 Resp: 56249

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.918 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036865.D
 Acq: 08 Aug 2023 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05W

Tgt Ion: 75 Resp: 56249
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

