

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036864.D
 Acq On : 08 Aug 2023 15:15
 Operator : JC/MD
 Sample : 03903-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04W

Quant Time: Aug 09 04:15:24 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)

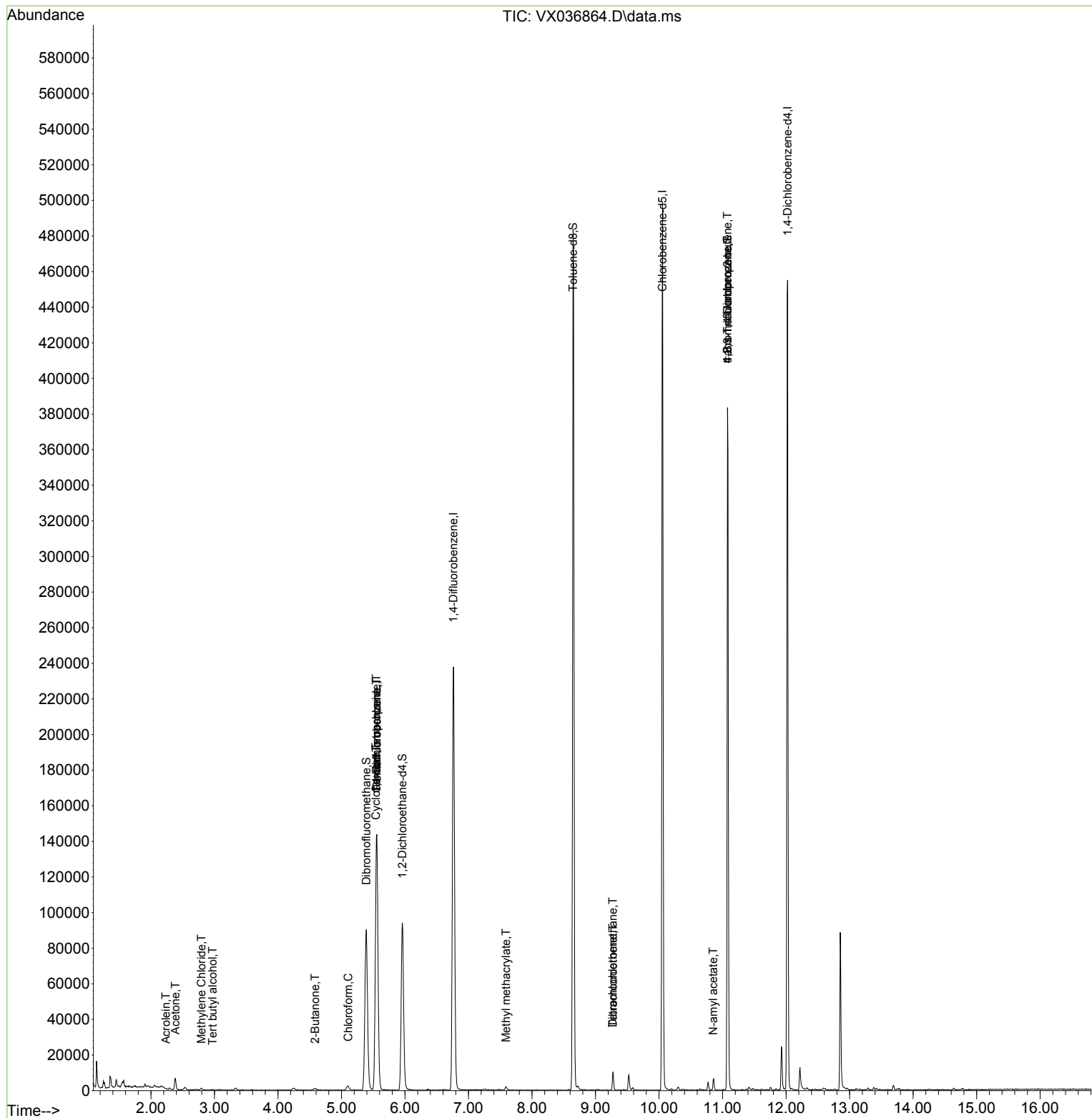
Internal Standards						
1) Pentafluorobenzene	5.556	168	134102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93244	46.992	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.980%		
35) Dibromofluoromethane	5.391	113	78501	47.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.480%		
50) Toluene-d8	8.647	98	286027	48.534	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.060%		
62) 4-Bromofluorobenzene	11.079	95	104723	47.099	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	449	0.956	ug/l #	78
13) Acrolein	2.233	56	163	0.608	ug/l #	14
16) Acetone	2.386	43	6724	8.166	ug/l	94
20) Methylene Chloride	2.794	84	577	0.315	ug/l	85
25) 2-Butanone	4.586	43	1492	1.117	ug/l	100
30) Chloroform	5.105	83	3299	1.024	ug/l	88
31) Cyclohexane	5.544	56	3120	1.136	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10991	4.437	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14127	5.365	ug/l #	15
48) Methyl methacrylate	7.592	41	664	0.296	ug/l #	50
60) Dibromochloromethane	9.275	129	1741	0.834	ug/l #	11
64) Tetrachloroethene	9.275	164	1678	1.020	ug/l	95
74) N-amyl acetate	10.854	43	1037	0.286	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	54874	24.795	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54874	56.199	ug/l #	5

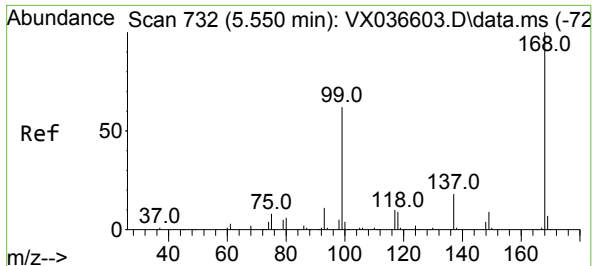
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 09 04:15:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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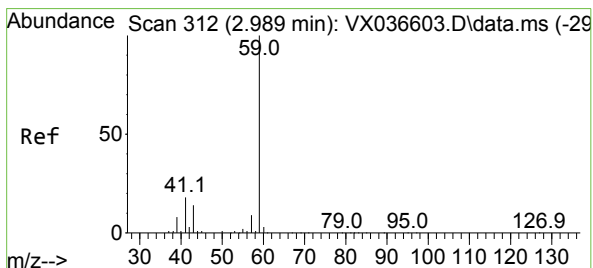
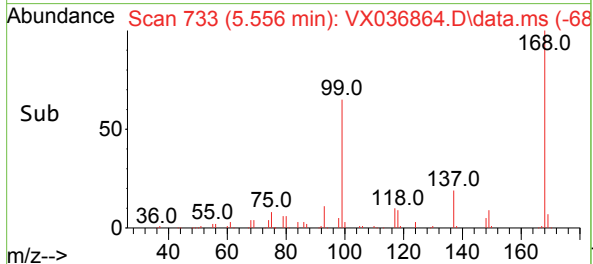
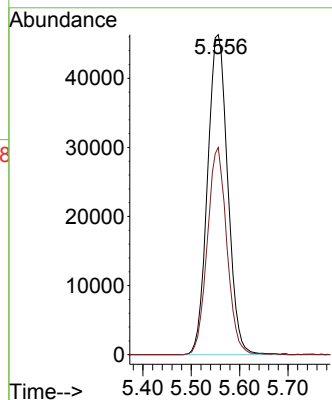
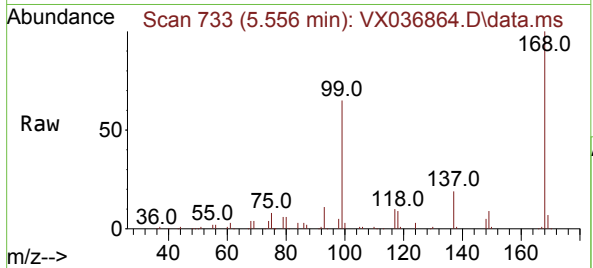




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

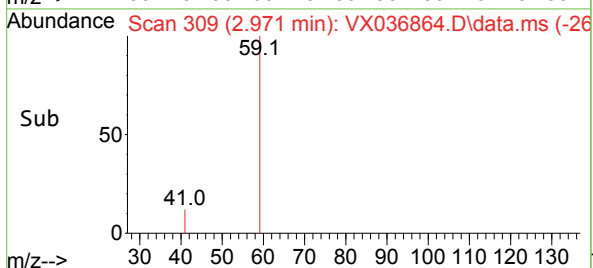
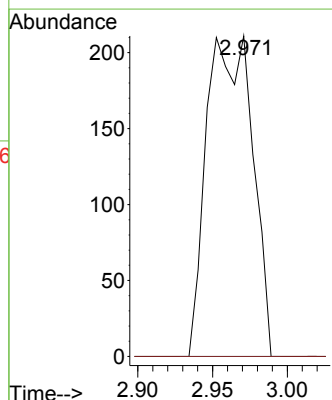
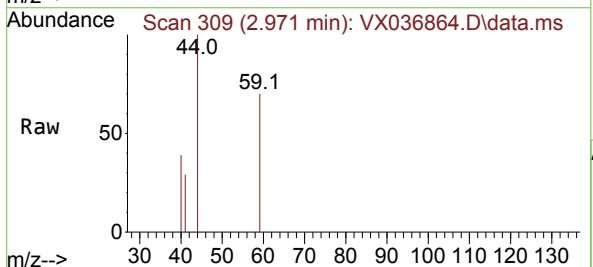
Instrument :
MSVOA_X
ClientSampleId :
MW-04W

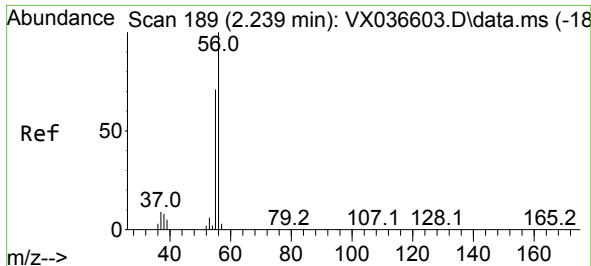
Tgt Ion:168 Resp: 134102
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.956 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Tgt Ion: 59 Resp: 449
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

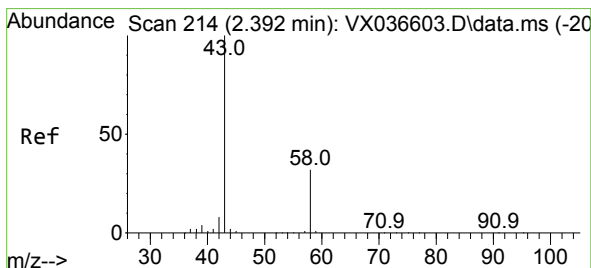
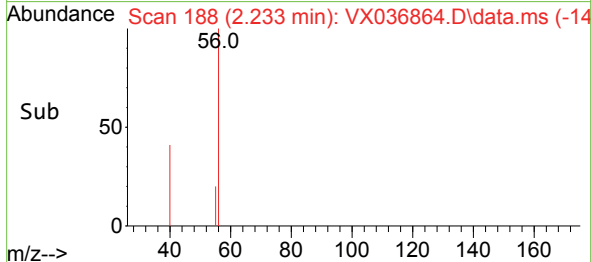
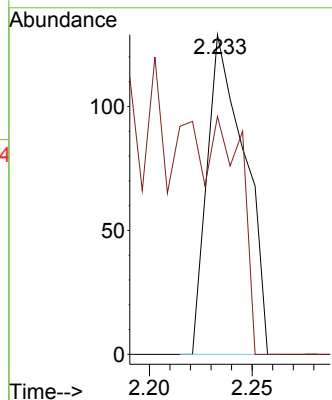
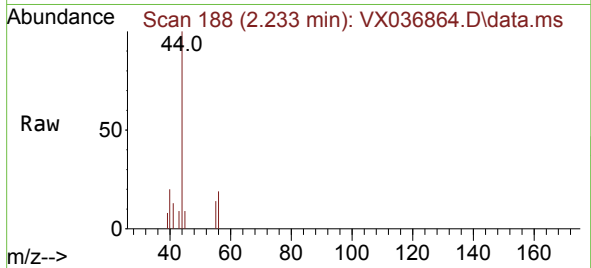




#13
Acrolein
Concen: 0.608 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

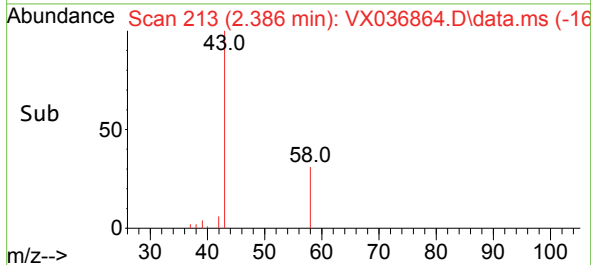
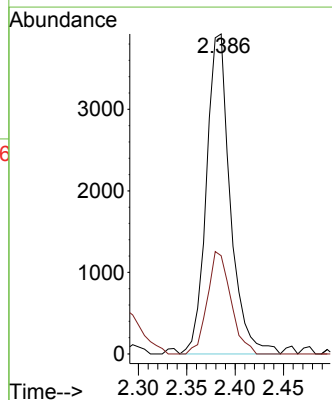
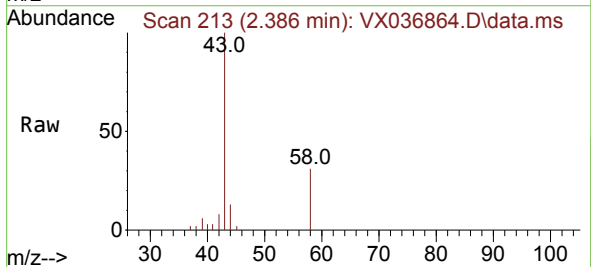
Instrument :
MSVOA_X
ClientSampleId :
MW-04W

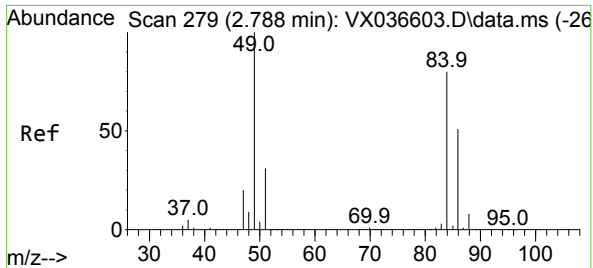
Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 8.166 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Tgt Ion: 43 Resp: 6724
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9



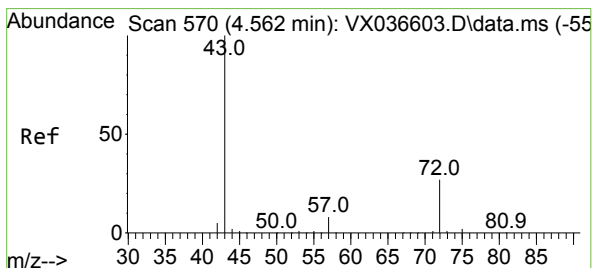
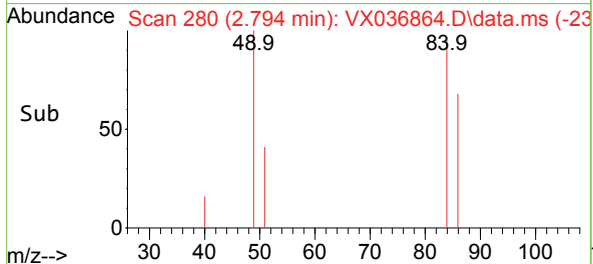
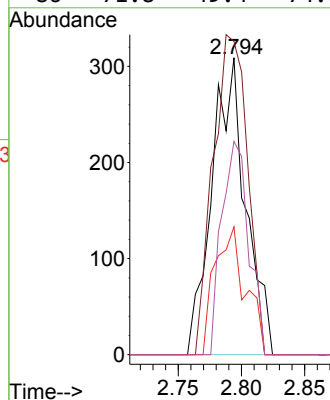
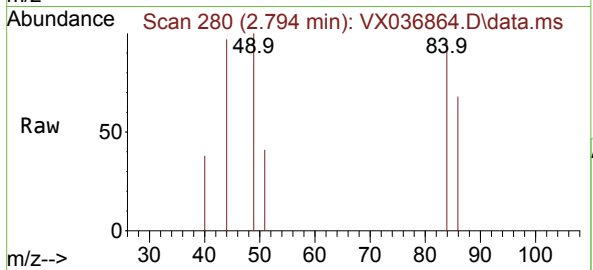


#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
MW-04W

Tgt Ion: 84 Resp: 577

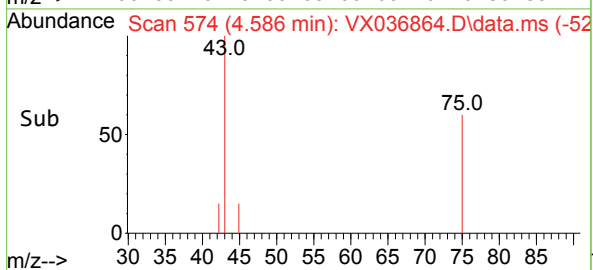
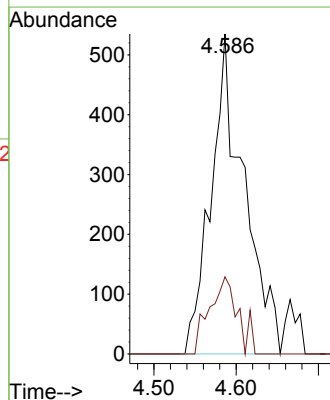
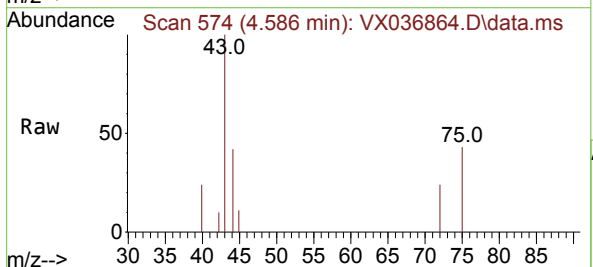
Ion	Ratio	Lower	Upper
84	100		
49	105.5	103.6	155.4
51	43.0	33.8	50.6
86	71.8	49.4	74.0

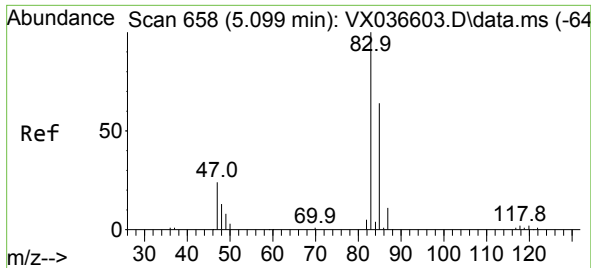


#25
2-Butanone
Concen: 1.117 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Tgt Ion: 43 Resp: 1492

Ion	Ratio	Lower	Upper
43	100		
72	24.1	19.4	29.2

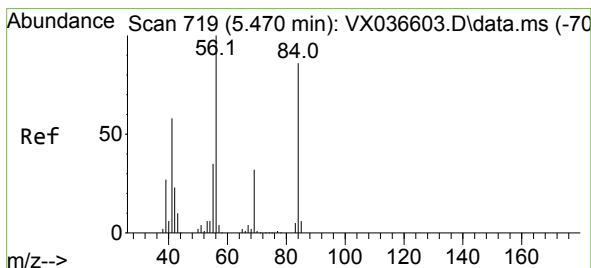
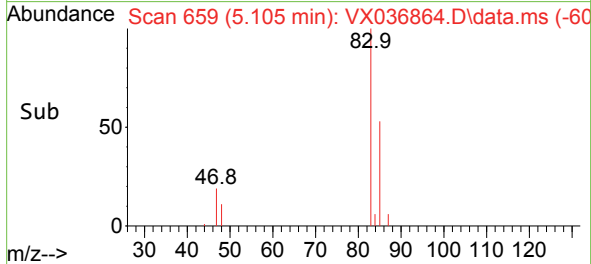
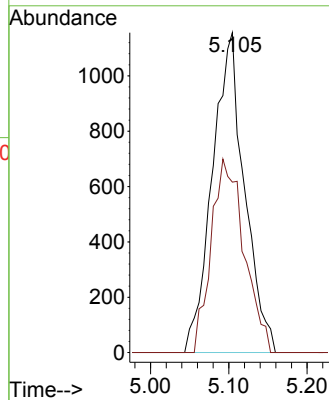
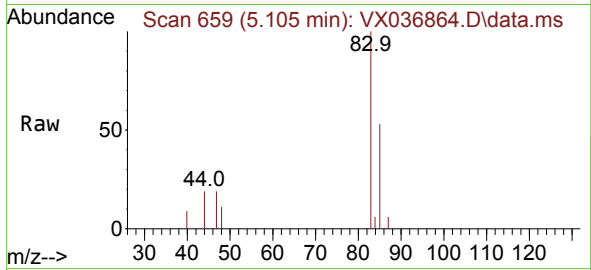




#30
Chloroform
Concen: 1.024 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

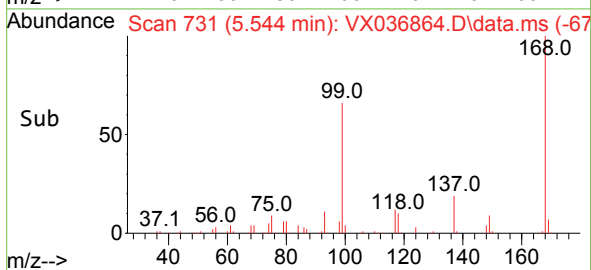
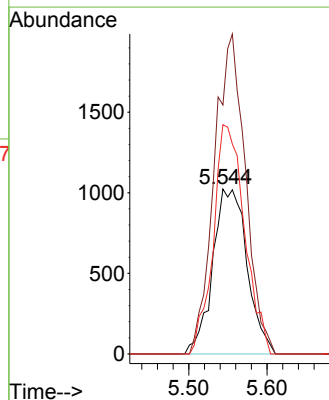
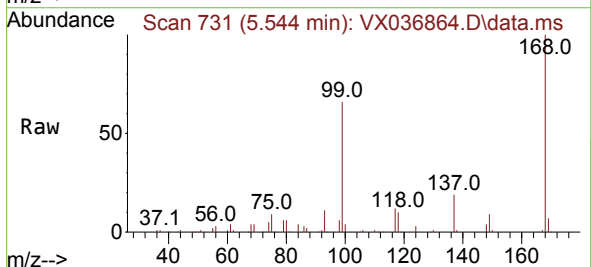
Instrument :
MSVOA_X
ClientSampleId :
MW-04W

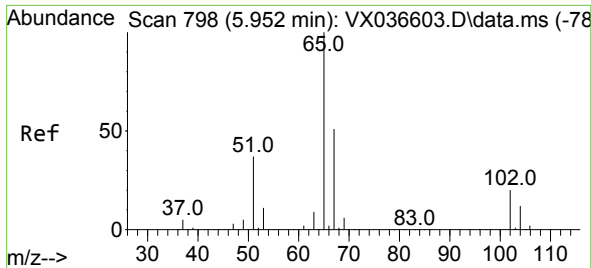
Tgt Ion: 83 Resp: 3299
Ion Ratio Lower Upper
83 100
85 53.3 50.3 75.5



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Tgt Ion: 56 Resp: 3120
Ion Ratio Lower Upper
56 100
69 150.9 23.4 35.2#
84 139.0 65.9 98.9#

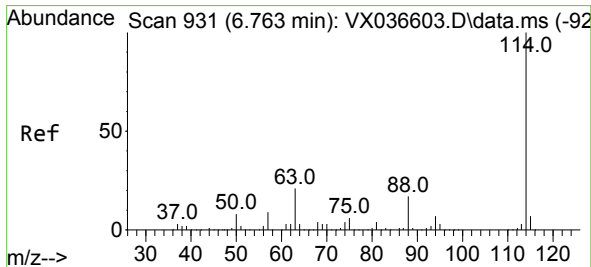
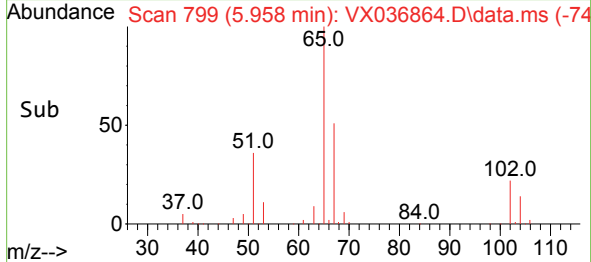
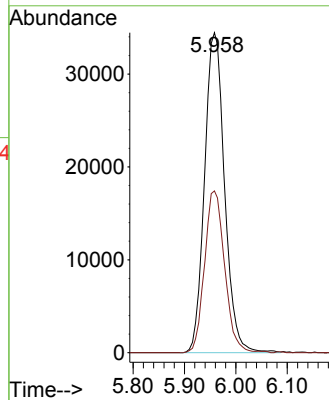
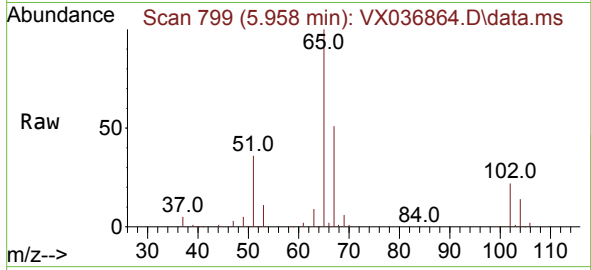




#33
 1,2-Dichloroethane-d4
 Concen: 46.992 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX036864.D
 Acq: 08 Aug 2023 15:15

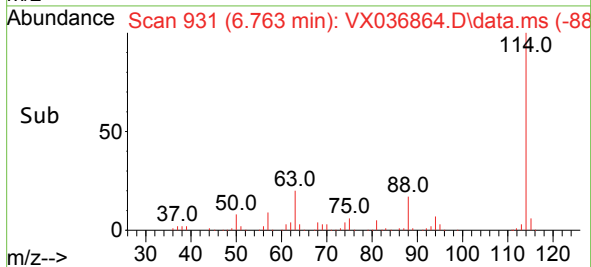
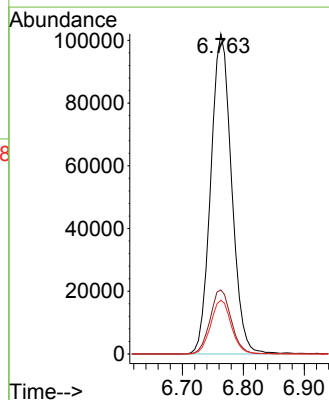
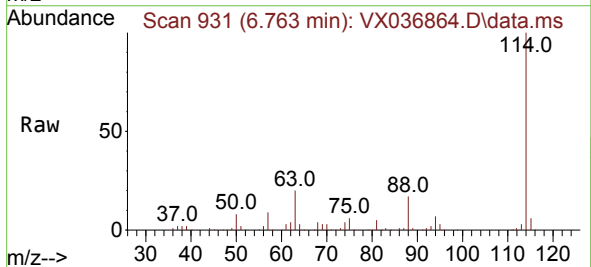
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04W

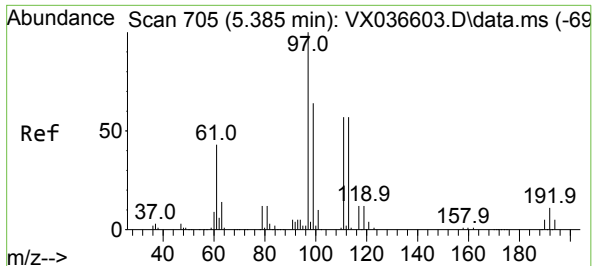
Tgt Ion: 65 Resp: 93244
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036864.D
 Acq: 08 Aug 2023 15:15

Tgt Ion: 114 Resp: 241781
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.0
 88 16.8 0.0 36.6

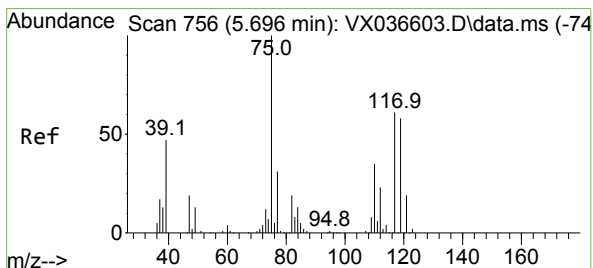
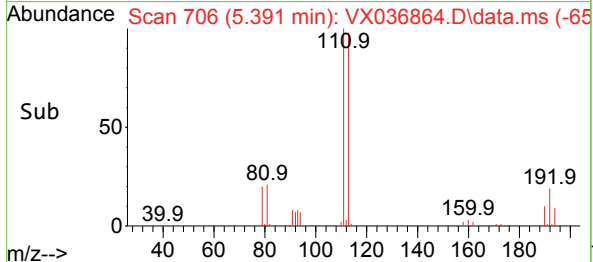
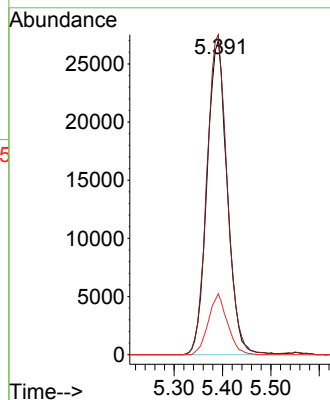
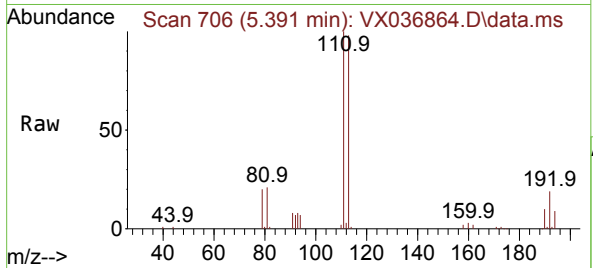




#35
Dibromofluoromethane
Concen: 47.237 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

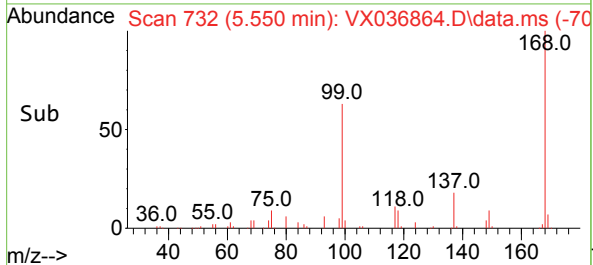
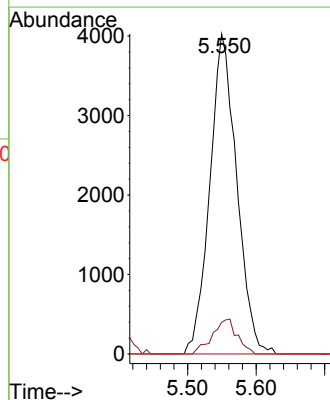
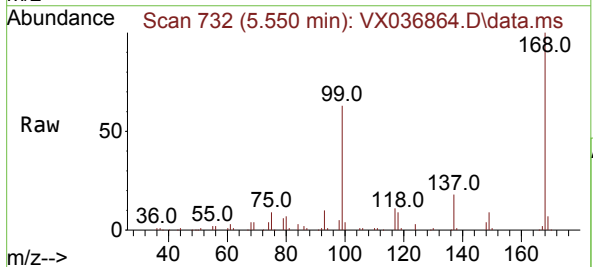
Instrument :
MSVOA_X
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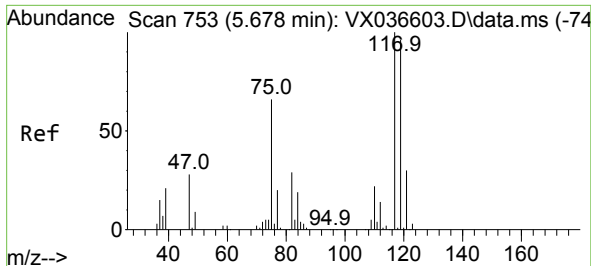
Tgt Ion:113 Resp: 78501
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

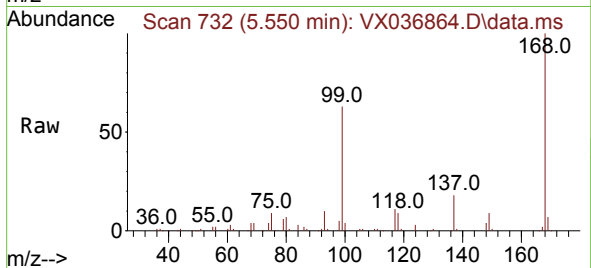
Tgt Ion: 75 Resp: 10991
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



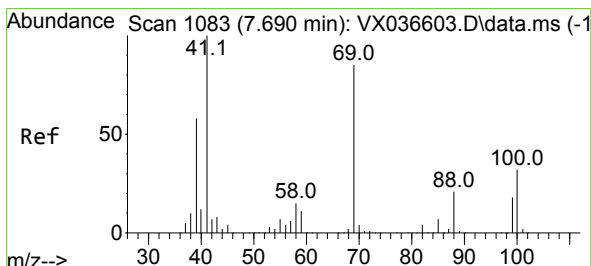
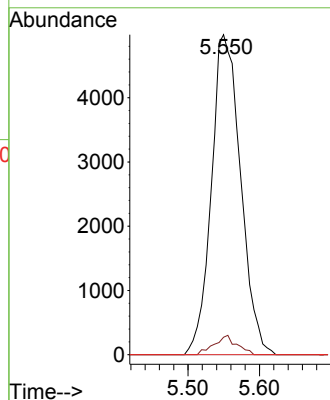
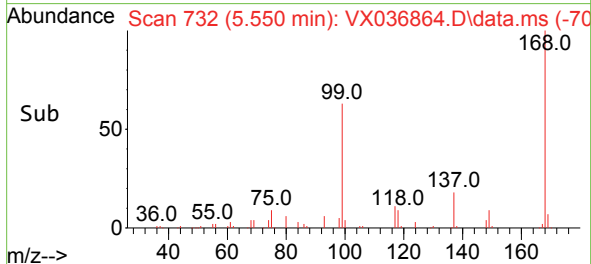


#38
Carbon Tetrachloride
Concen: 5.365 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
MW-04W

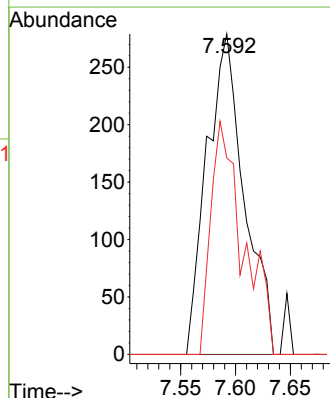
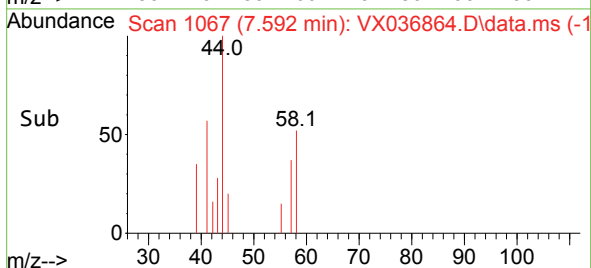
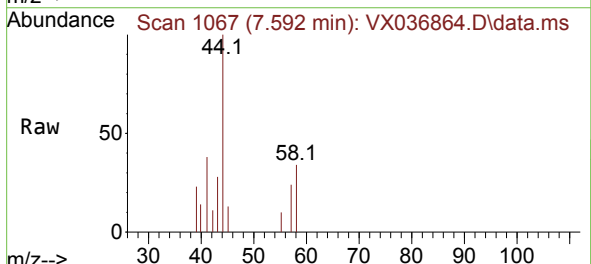


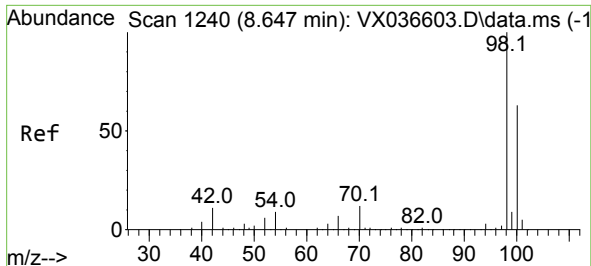
Tgt Ion:117 Resp: 14127
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 0.296 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.098 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Tgt Ion: 41 Resp: 664
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 62.8 47.7 71.5

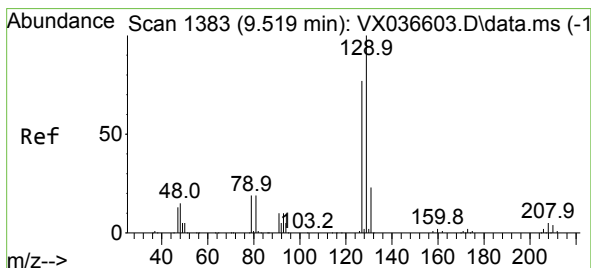
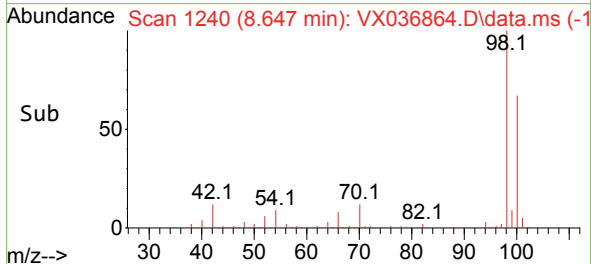
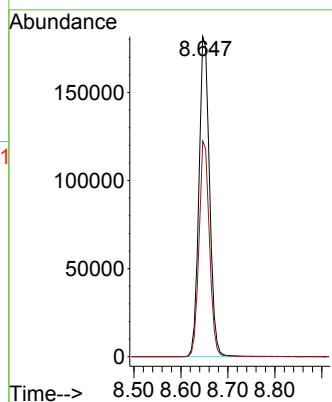
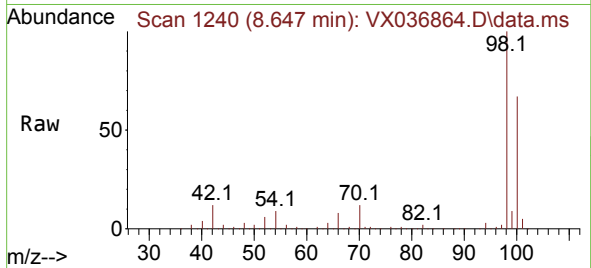




#50
Toluene-d8
Concen: 48.534 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

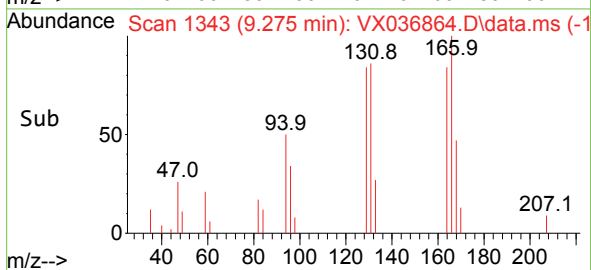
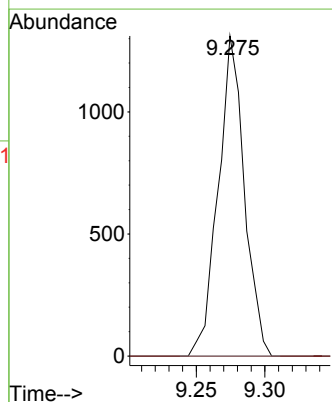
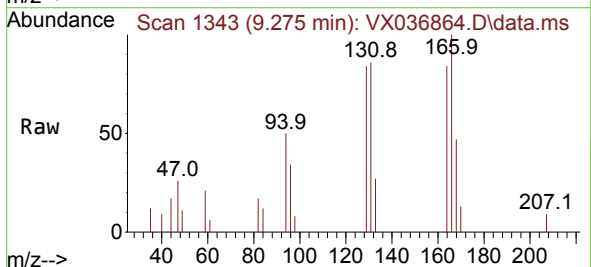
Instrument :
MSVOA_X
ClientSampleId :
MW-04W

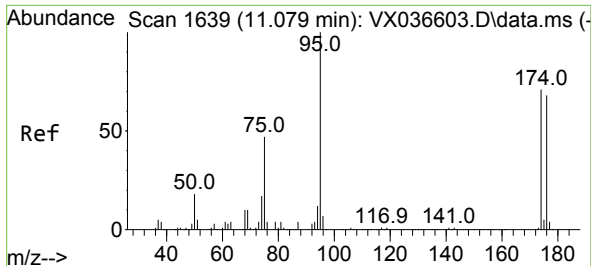
Tgt Ion: 98 Resp: 286027
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#60
Dibromochloromethane
Concen: 0.834 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Tgt Ion: 129 Resp: 1741
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

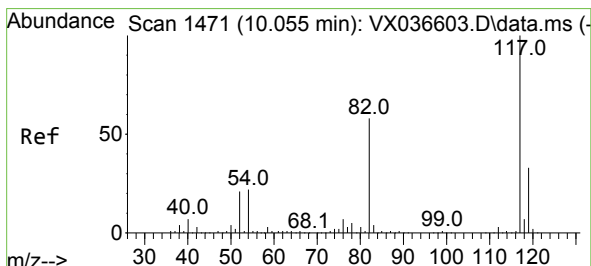
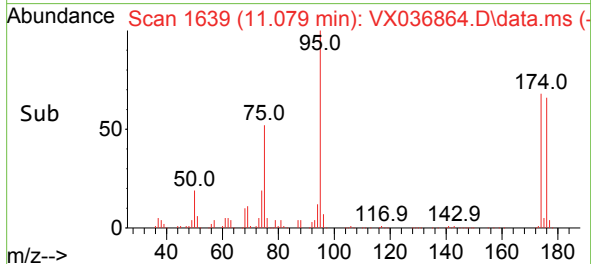
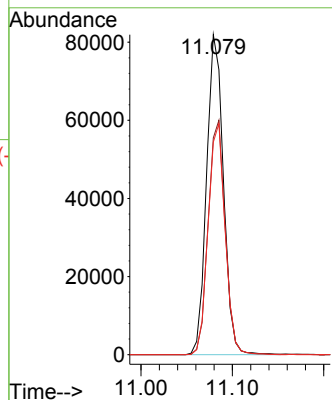
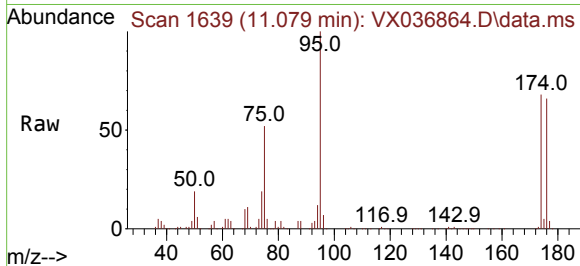




#62
4-Bromofluorobenzene
Concen: 47.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

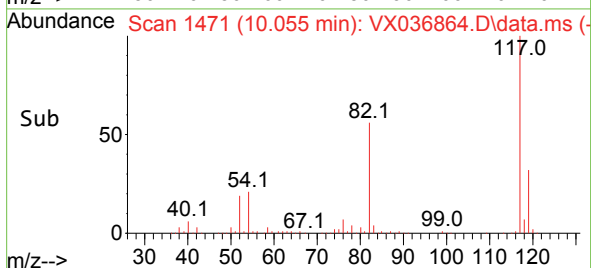
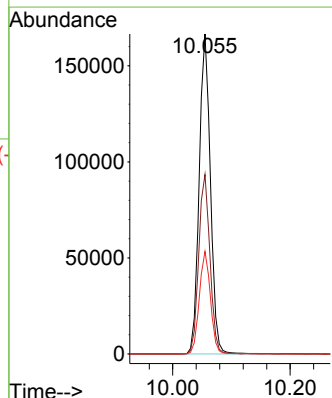
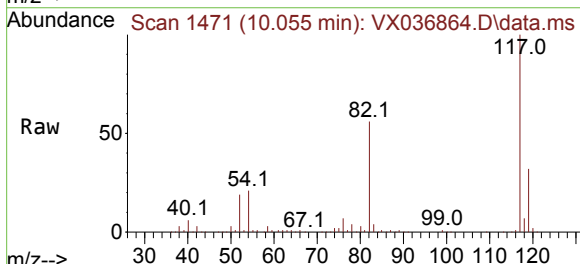
Instrument :
MSVOA_X
ClientSampleId :
MW-04W

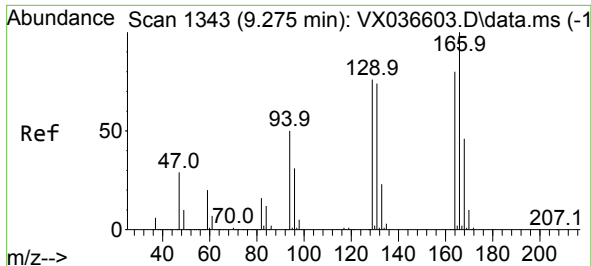
Tgt Ion: 95 Resp: 104723
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 72.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Tgt Ion: 117 Resp: 220522
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.1 25.5 38.3



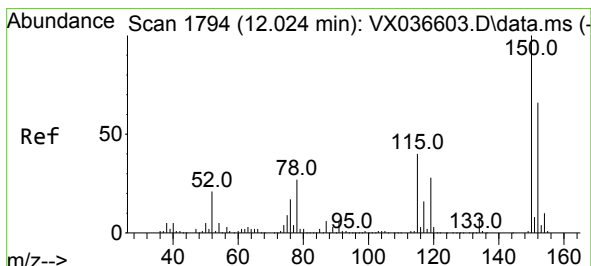
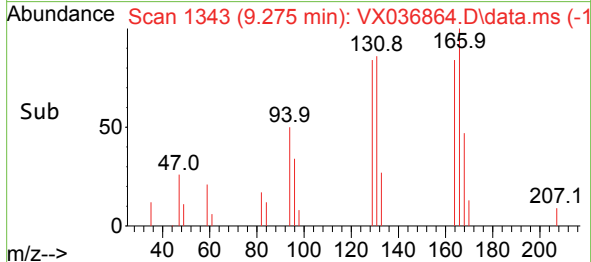
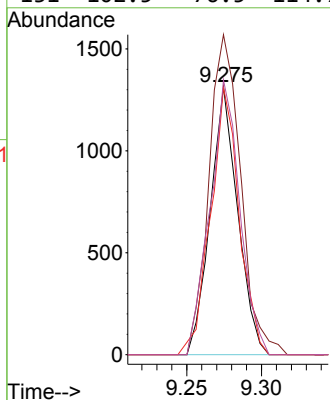
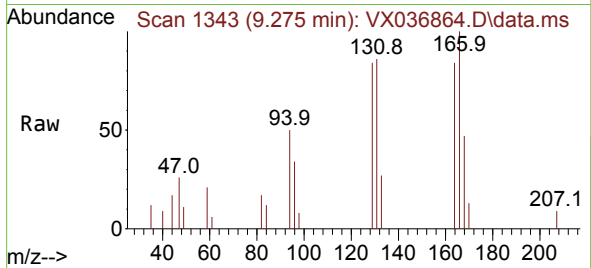


#64
Tetrachloroethene
Concen: 1.020 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :
MW-04W

Tgt Ion:164 Resp: 1678

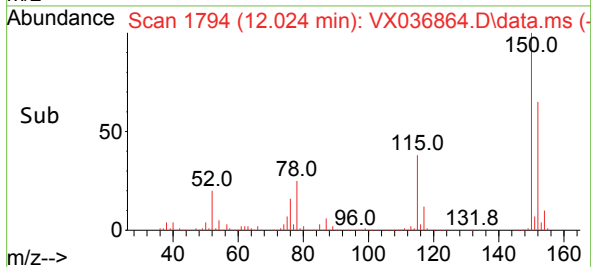
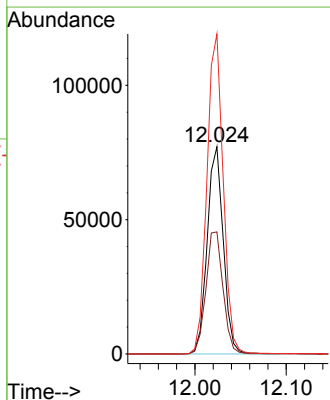
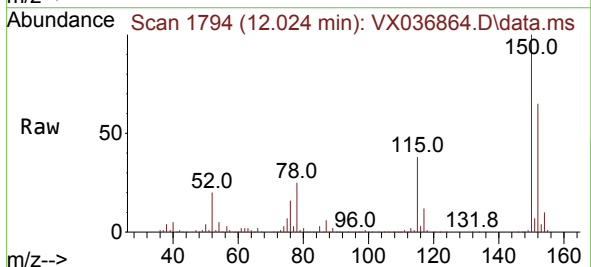
Ion	Ratio	Lower	Upper
164	100		
166	119.4	102.7	154.1
129	99.7	80.4	120.6
131	102.5	76.5	114.7

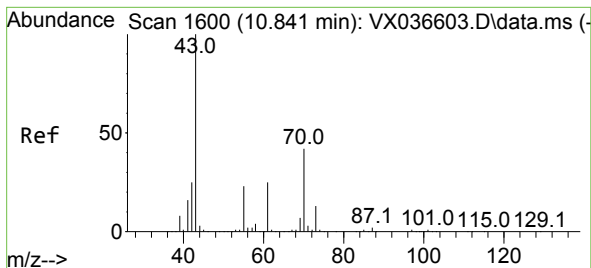


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036864.D
Acq: 08 Aug 2023 15:15

Tgt Ion:152 Resp: 94091

Ion	Ratio	Lower	Upper
152	100		
115	62.7	43.3	129.9
150	156.1	0.0	345.0





#74

N-amyl acetate

Concen: 0.286 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX036864.D

Acq: 08 Aug 2023 15:15

Instrument :

MSVOA_X

ClientSampleId :

MW-04W

Tgt Ion: 43 Resp: 1037

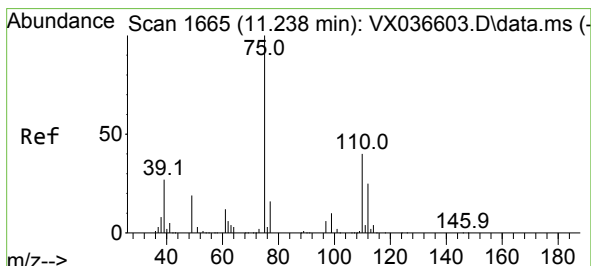
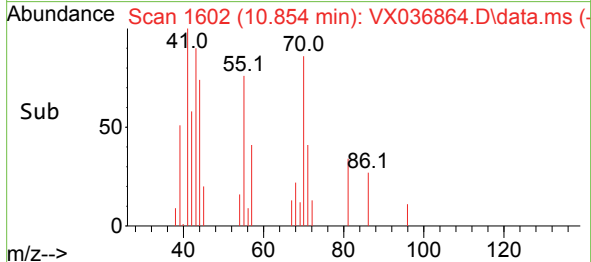
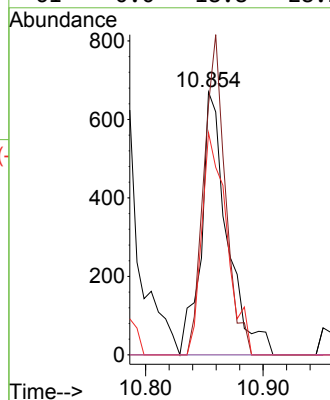
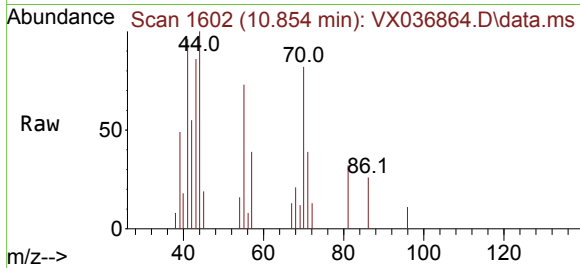
Ion Ratio Lower Upper

43 100

70 100.4 32.9 49.3#

55 81.2 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 24.795 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036864.D

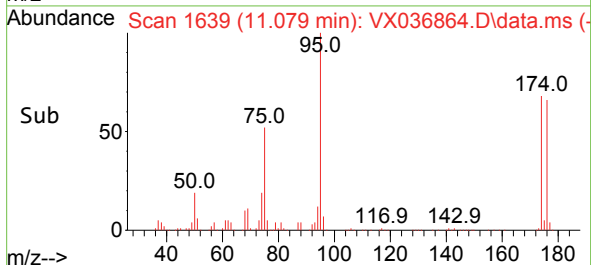
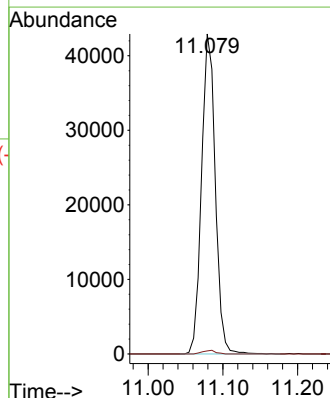
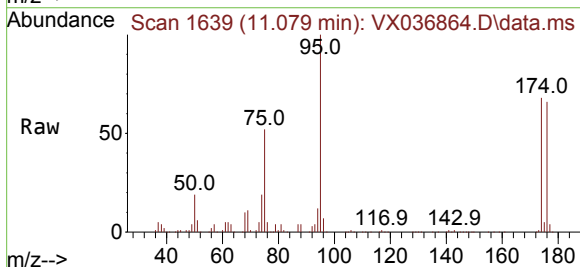
Acq: 08 Aug 2023 15:15

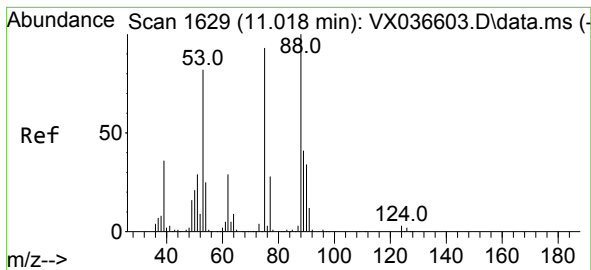
Tgt Ion: 75 Resp: 54874

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.199 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX036864.D
 Acq: 08 Aug 2023 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04W

Tgt Ion: 75 Resp: 54874
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

