

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037108.D
 Acq On : 19 Aug 2023 04:49
 Operator : JC/MD
 Sample : 04024-20RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 21 01:41:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

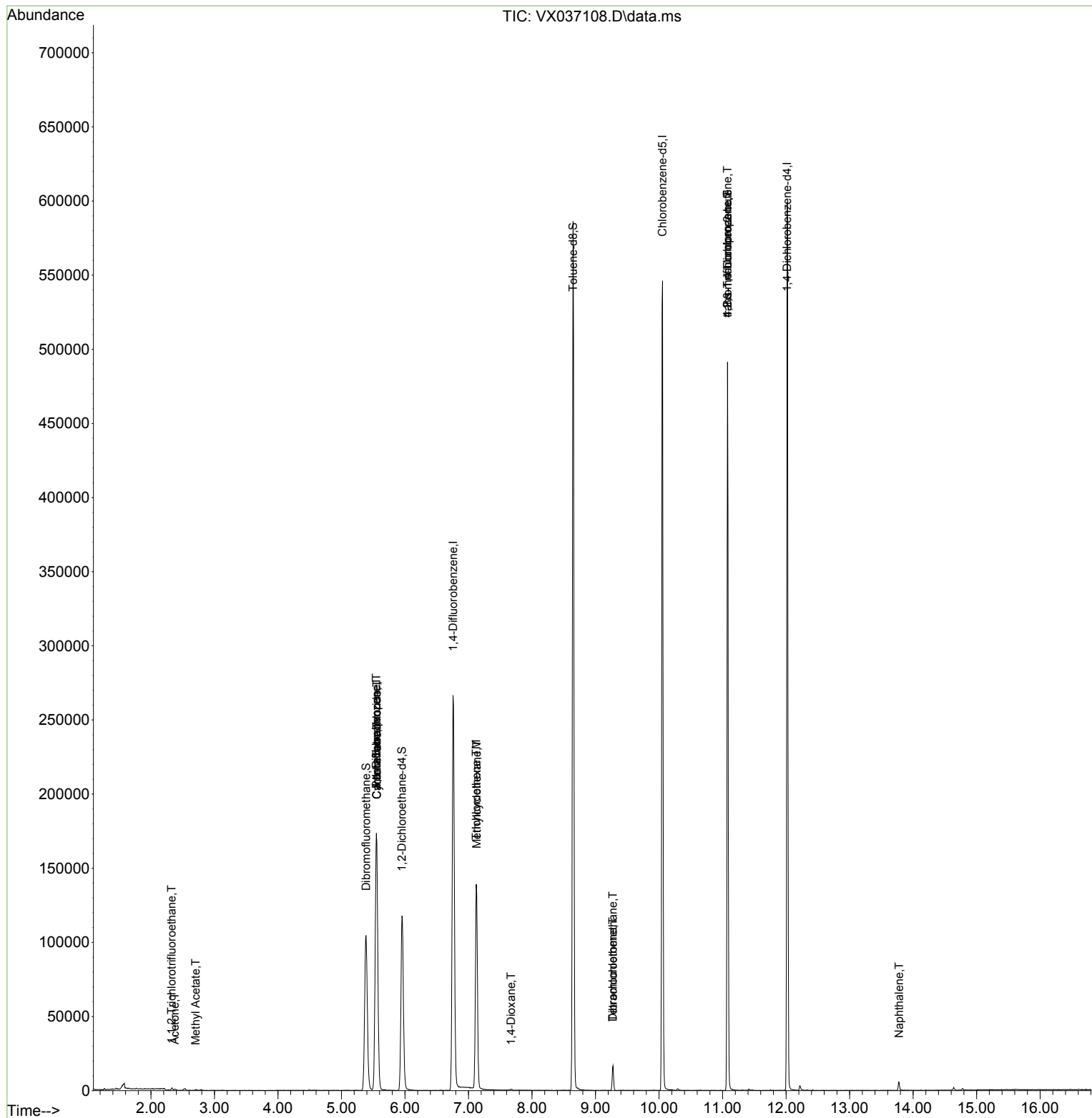
Internal Standards						
1) Pentafluorobenzene	5.550	168	162420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	276854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120052	51.270	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.540%	
35) Dibromofluoromethane	5.385	113	93638	51.070	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.140%	
50) Toluene-d8	8.647	98	345495	51.947	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	11.079	95	132406	50.658	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.320%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	723	0.421	ug/l	94
16) Acetone	2.374	43	860	0.939	ug/l #	88
18) Methyl Acetate	2.703	43	835	0.242	ug/l #	80
31) Cyclohexane	5.556	56	3421	1.299	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12908	4.955	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17216	6.084	ug/l #	14
39) Methylcyclohexane	7.129	83	670	0.245	ug/l #	1
44) Trichloroethene	7.123	130	54234	25.601	ug/l	98
49) 1,4-Dioxane	7.671	88	609	10.976	ug/l #	54
60) Dibromochloromethane	9.275	129	3060	1.430	ug/l #	11
64) Tetrachloroethene	9.275	164	2928	1.568	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	68155	26.912	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68155	75.167	ug/l #	5
95) Naphthalene	13.780	128	4879	0.492	ug/l	98

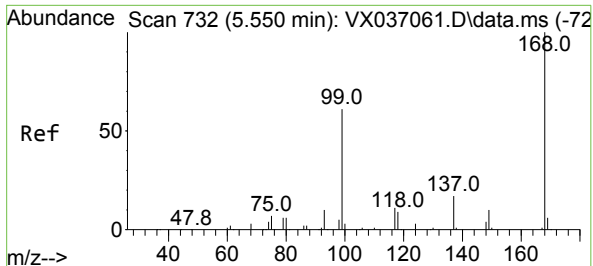
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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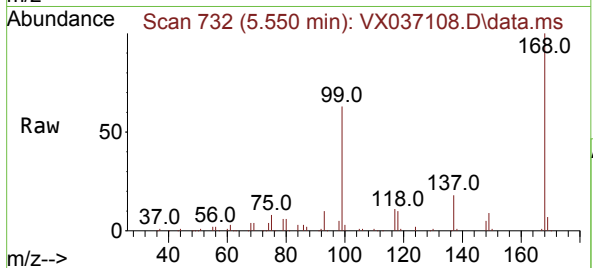
Quant Time: Aug 21 01:41:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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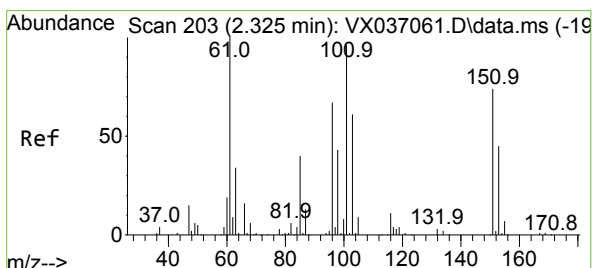
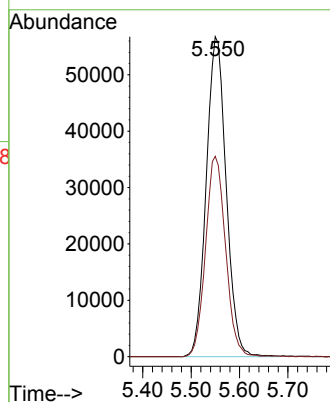
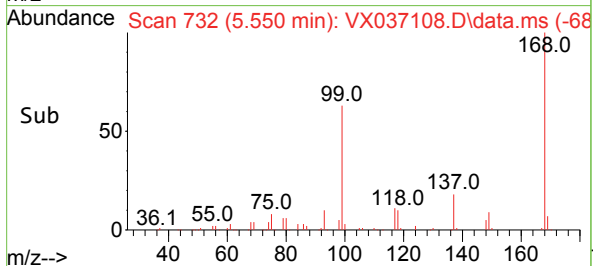


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

Instrument :
MSVOA_X
ClientSampleId :

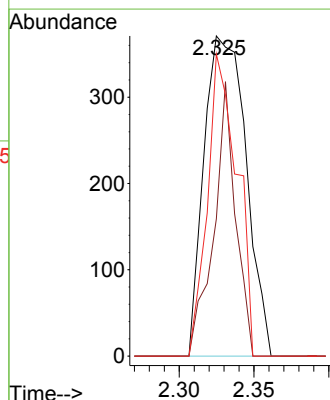
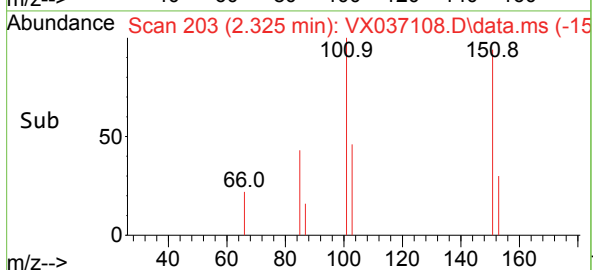
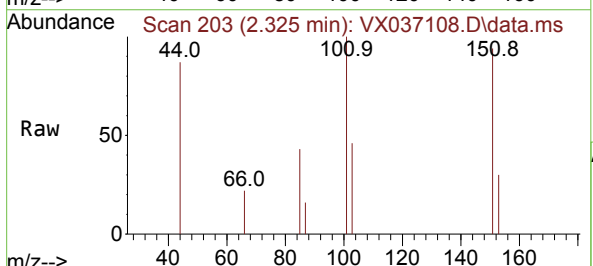


Tgt Ion:168 Resp: 162420
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.421 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

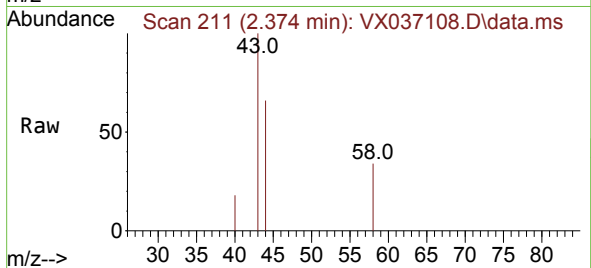
Tgt Ion:101 Resp: 723
Ion Ratio Lower Upper
101 100
85 44.5 37.0 55.6
151 66.7 58.6 87.8



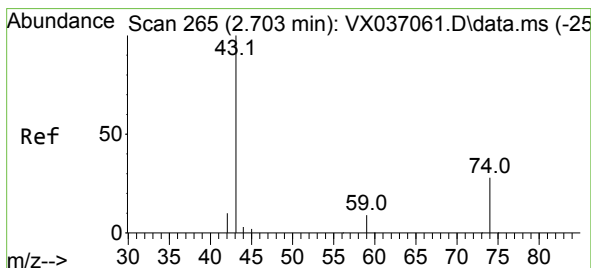
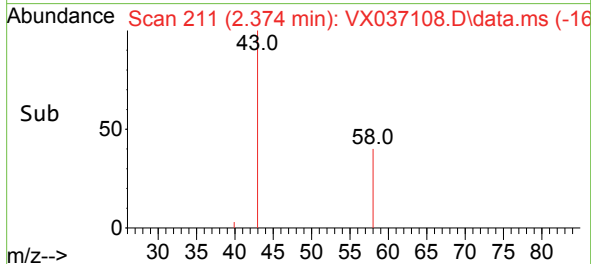
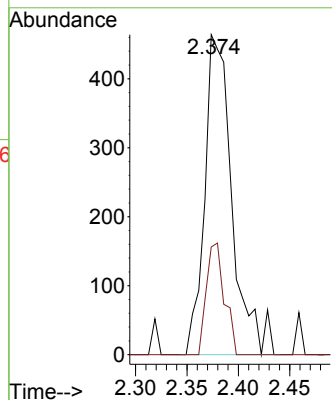


#16
Acetone
Concen: 0.939 ug/l
RT: 2.374 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

Instrument :
MSVOA_X
ClientSampleId :

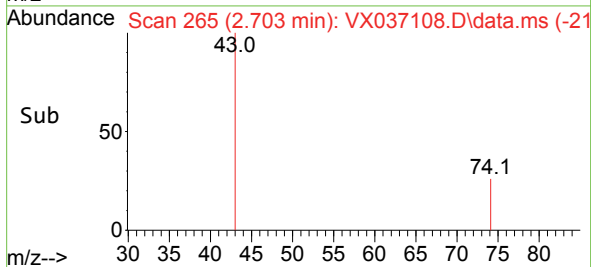
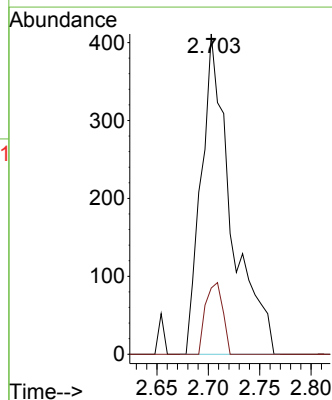
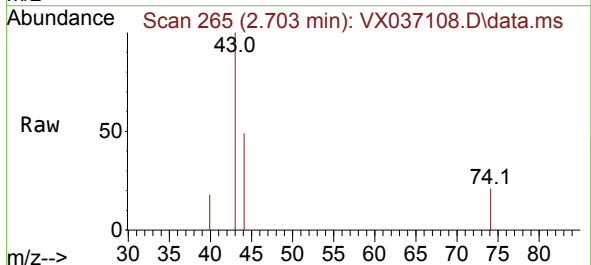


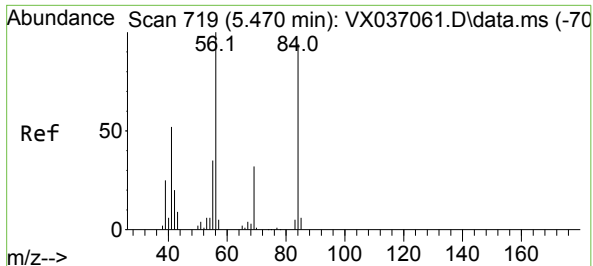
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9#



#18
Methyl Acetate
Concen: 0.242 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

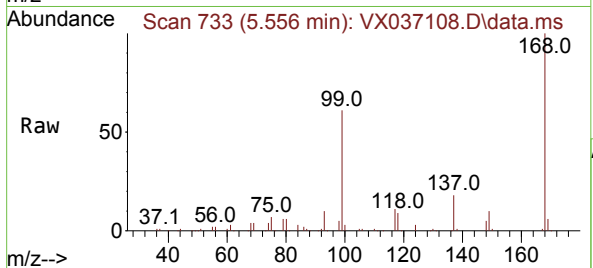
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
74 12.8 17.8 26.8#



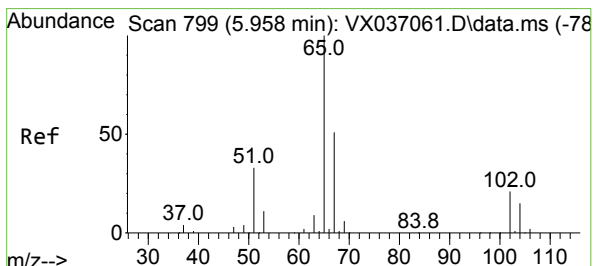
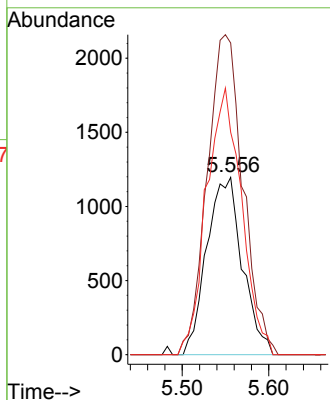
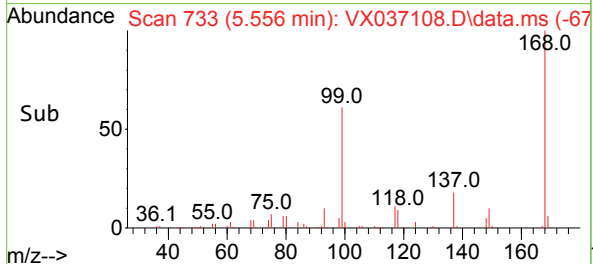


#31
Cyclohexane
Concen: 1.299 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

Instrument :
MSVOA_X
ClientSampleId :

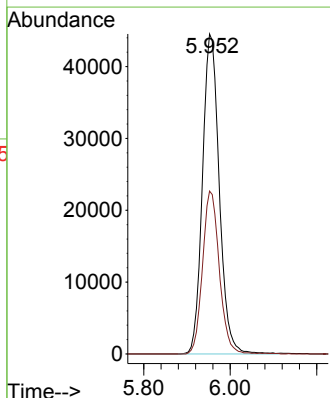
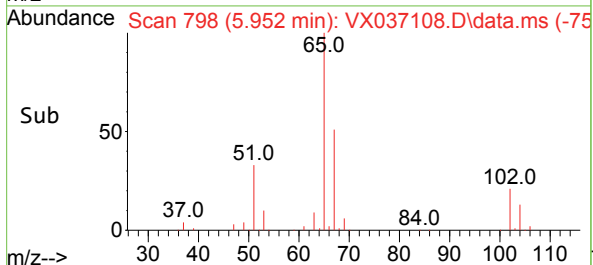
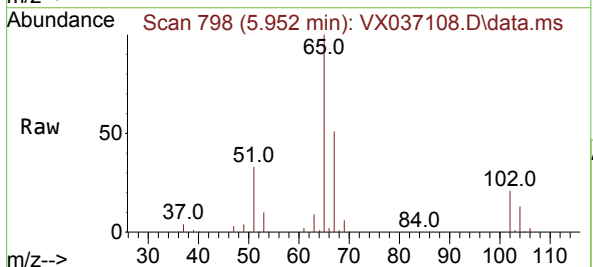


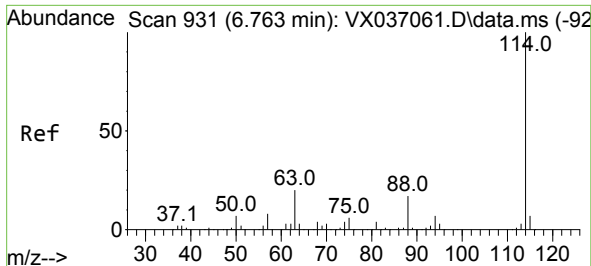
Tgt Ion: 56 Resp: 3421
Ion Ratio Lower Upper
56 100
69 175.8 23.4 35.2#
84 125.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.270 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

Tgt Ion: 65 Resp: 120052
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

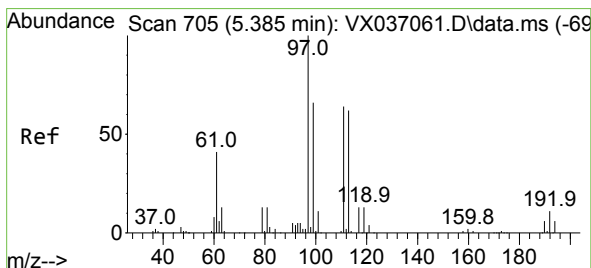
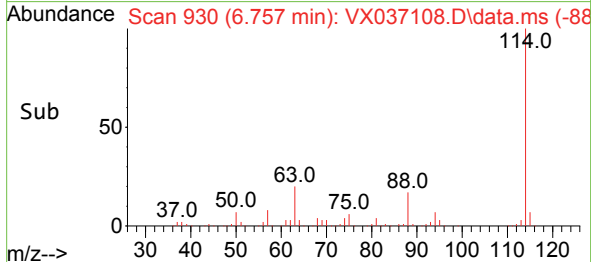
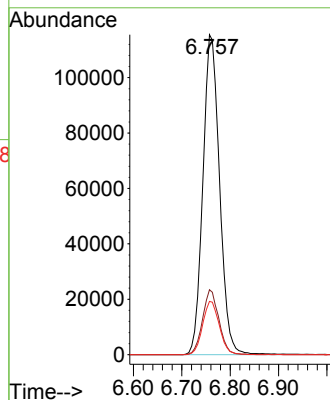
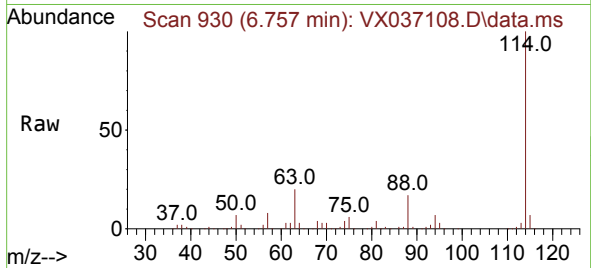




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

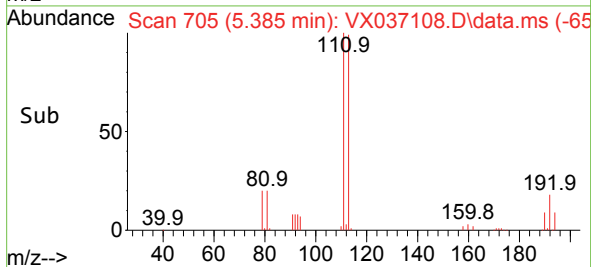
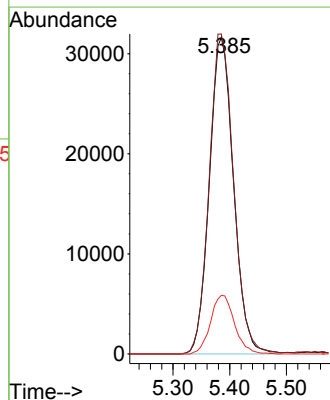
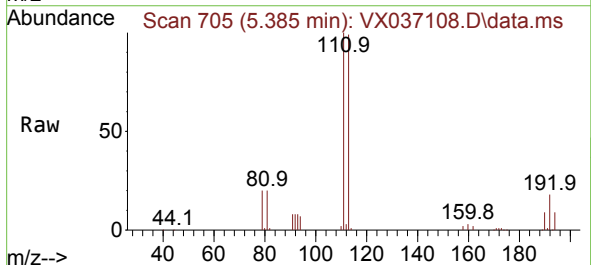
Instrument :
MSVOA_X
ClientSampleId :

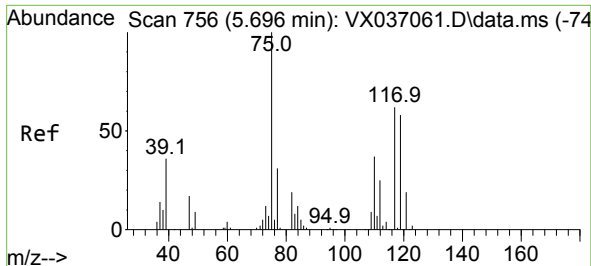
Tgt Ion:114 Resp: 276854
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.070 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

Tgt Ion:113 Resp: 93638
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.4 13.3 19.9

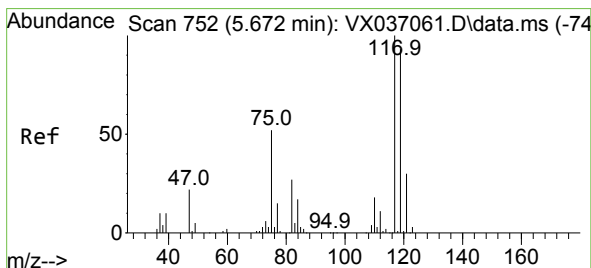
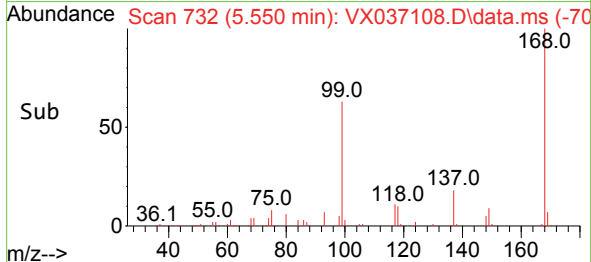
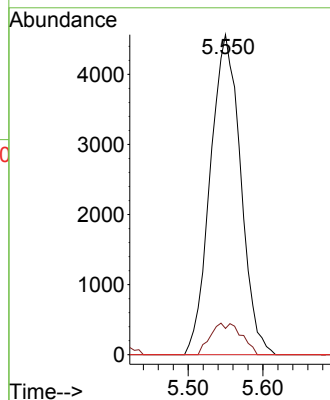
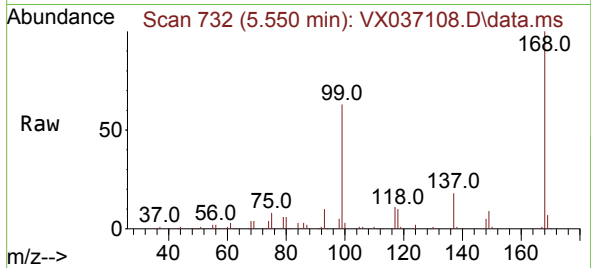




#36
1,1-Dichloropropene
Concen: 4.955 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

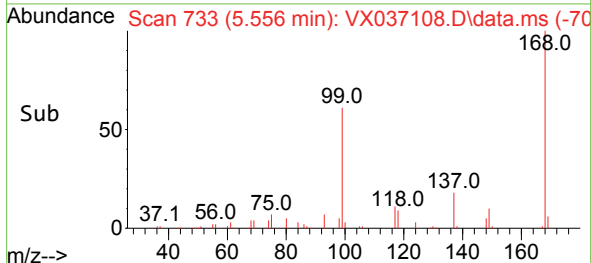
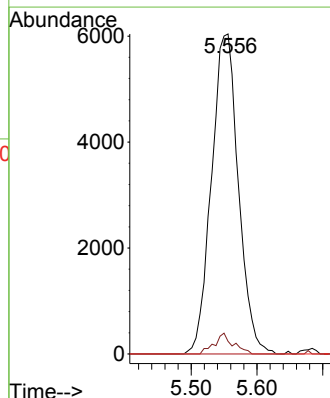
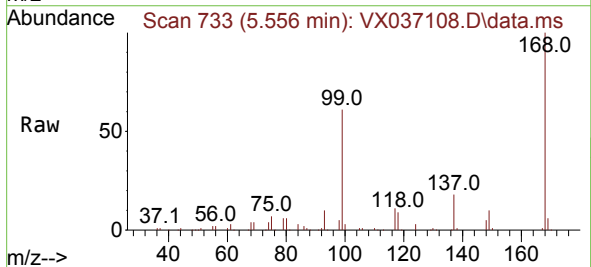
Instrument :
MSVOA_X
ClientSampleId :

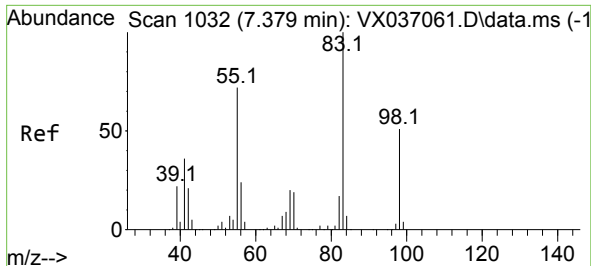
Tgt Ion: 75 Resp: 12908
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.084 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

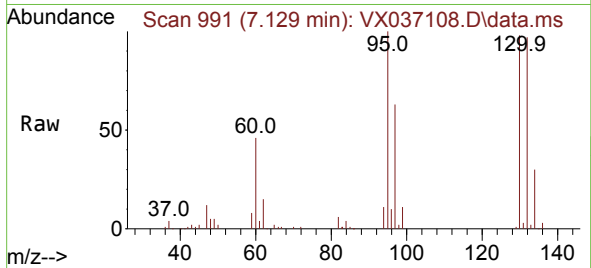
Tgt Ion: 117 Resp: 17216
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



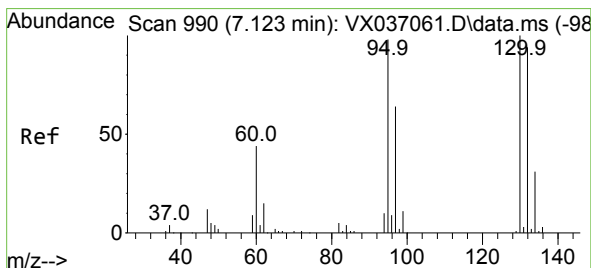
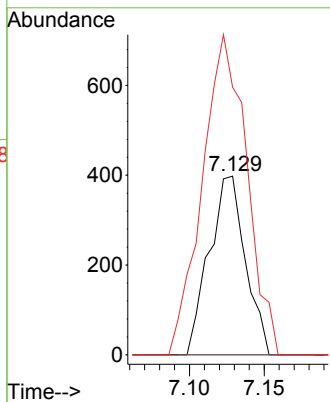
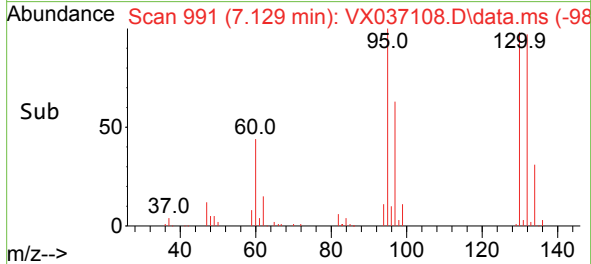


#39
Methylcyclohexane
Concen: 0.245 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

Instrument :
MSVOA_X
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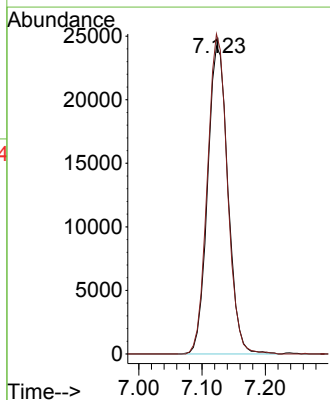
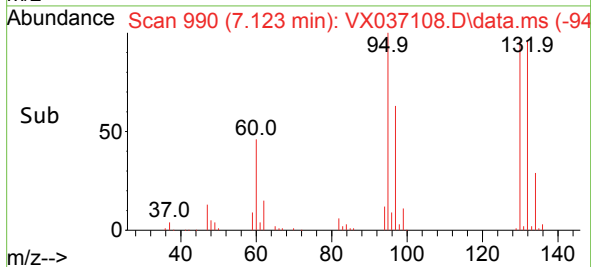
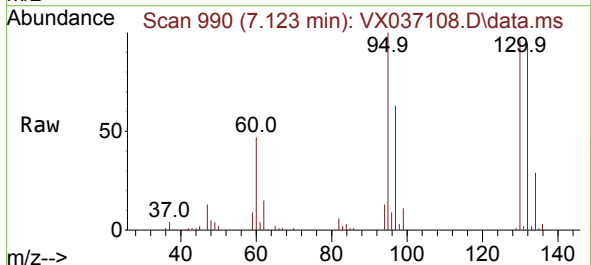


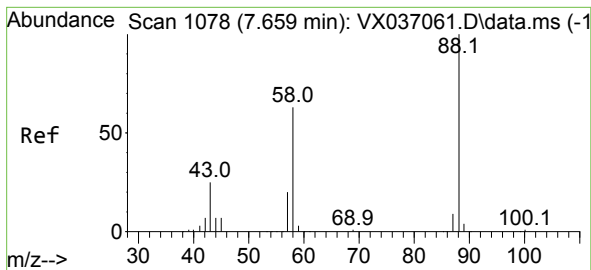
Tgt Ion: 83 Resp: 670
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 149.7 36.7 55.1#



#44
Trichloroethene
Concen: 25.601 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

Tgt Ion:130 Resp: 54234
Ion Ratio Lower Upper
130 100
95 104.0 0.0 204.4





#49

1,4-Dioxane

Concen: 10.976 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX037108.D

Acq: 19 Aug 2023 04:49

Instrument :

MSVOA_X

ClientSampleId :

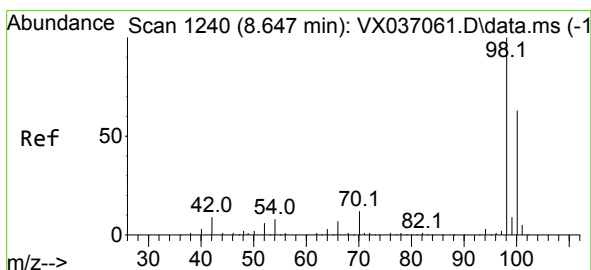
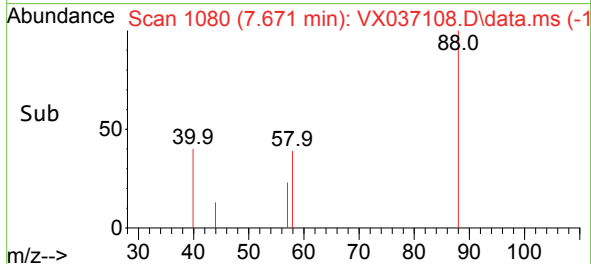
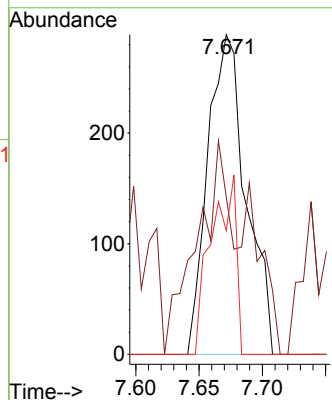
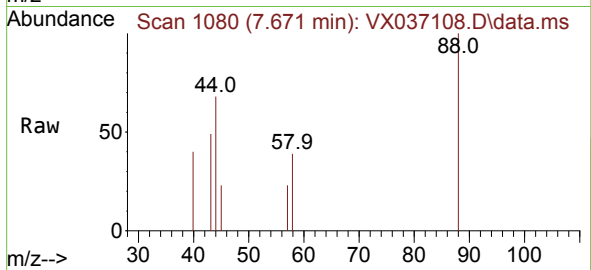
Tgt Ion: 88 Resp: 609

Ion Ratio Lower Upper

88 100

43 57.3 0.0 0.0#

58 36.1 60.1 90.1#



#50

Toluene-d8

Concen: 51.947 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037108.D

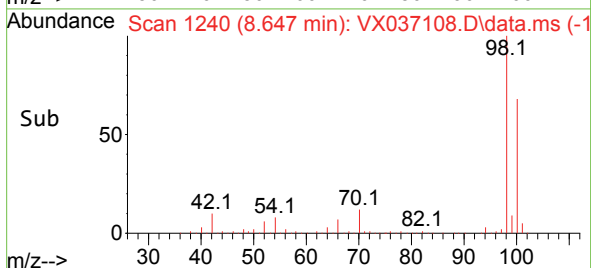
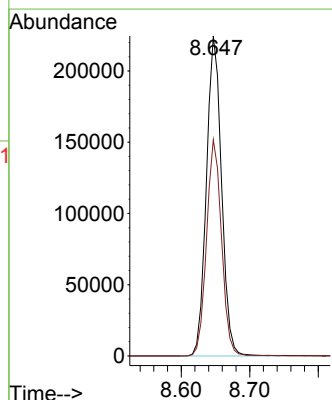
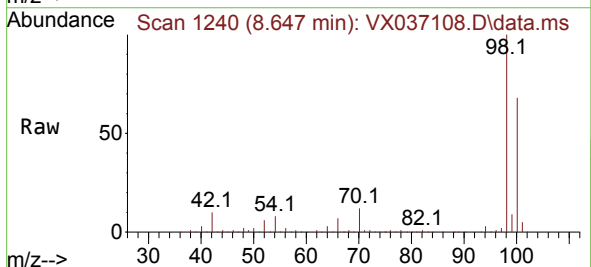
Acq: 19 Aug 2023 04:49

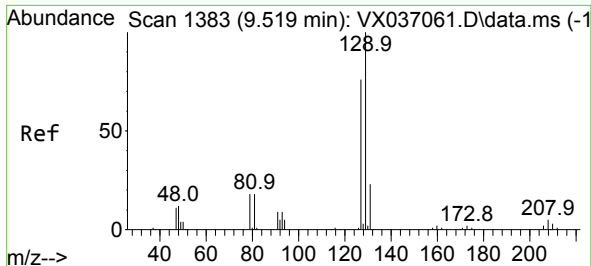
Tgt Ion: 98 Resp: 345495

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7

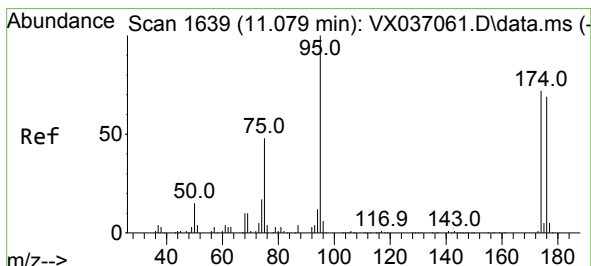
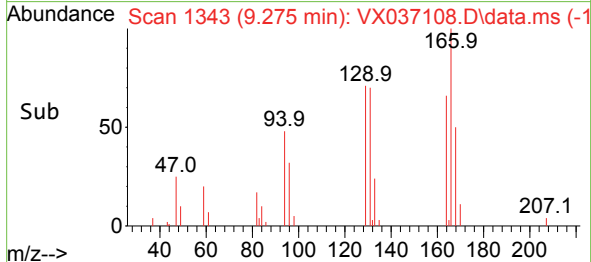
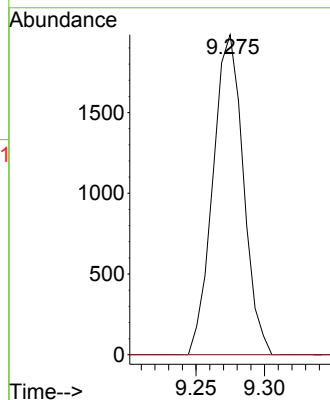
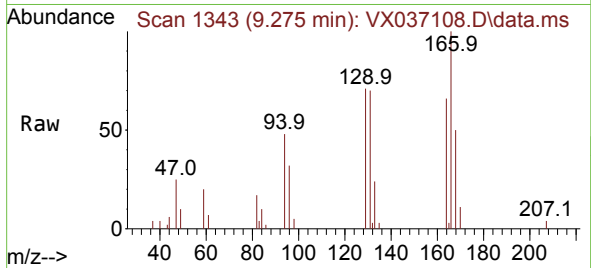




#60
Dibromochloromethane
Concen: 1.430 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

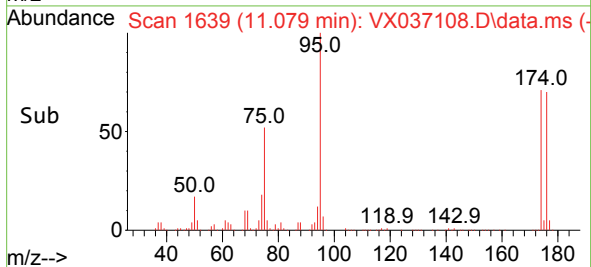
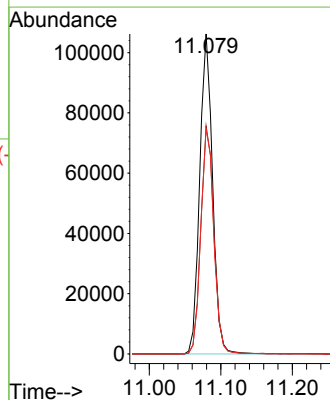
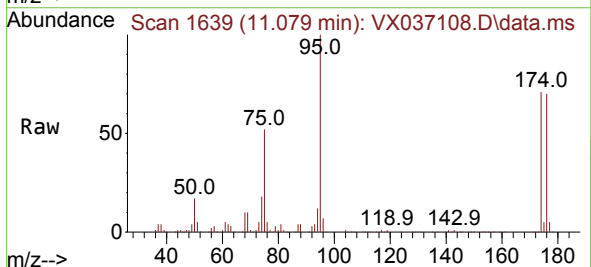
Instrument :
MSVOA_X
ClientSampleId :

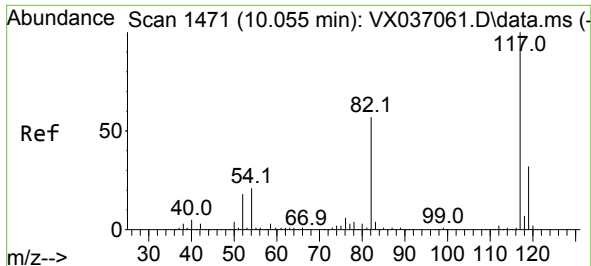
Tgt Ion:129 Resp: 3060
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 50.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

Tgt Ion: 95 Resp: 132406
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 71.2 0.0 131.0

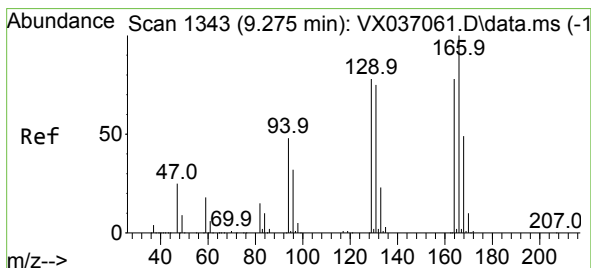
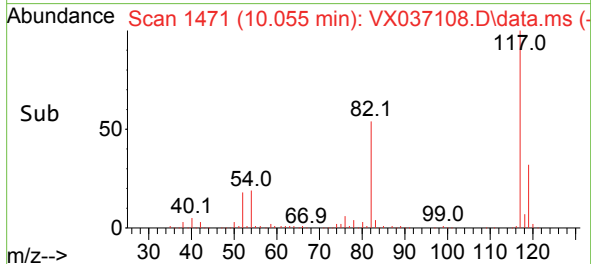
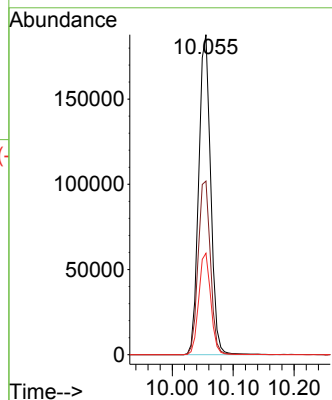
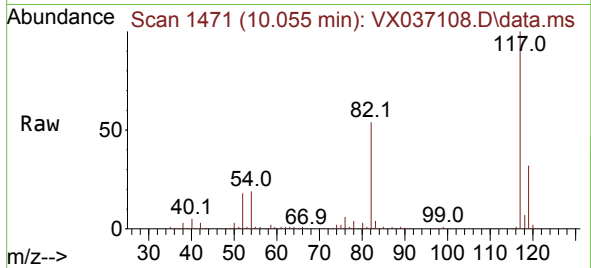




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

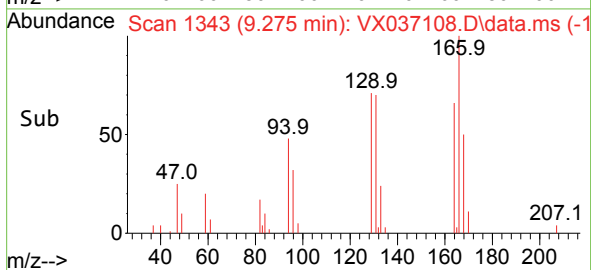
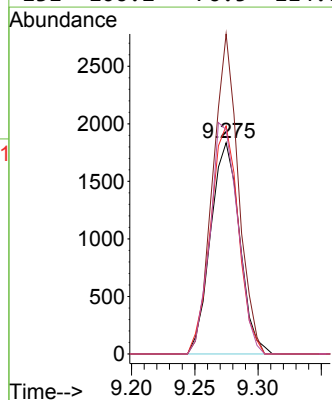
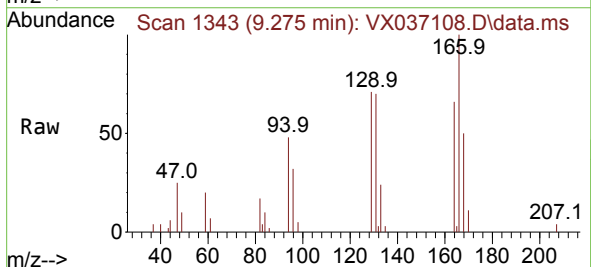
Instrument :
MSVOA_X
ClientSampleId :

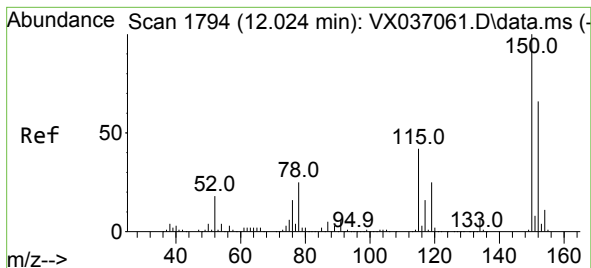
Tgt Ion:117 Resp: 255972
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 1.568 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

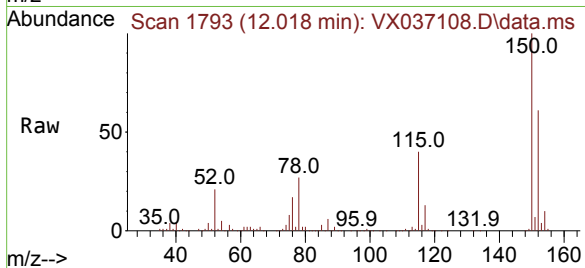
Tgt Ion:164 Resp: 2928
Ion Ratio Lower Upper
164 100
166 151.5 102.7 154.1
129 108.0 80.4 120.6
131 106.2 76.5 114.7



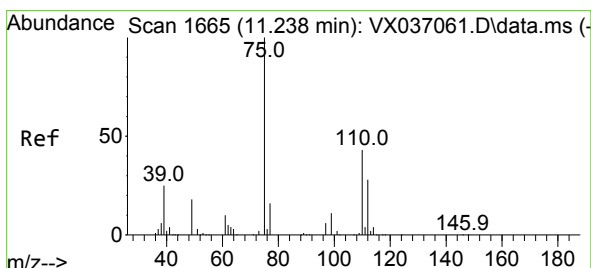
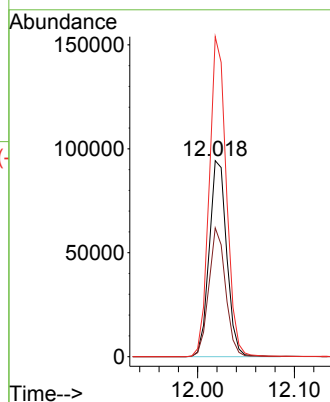
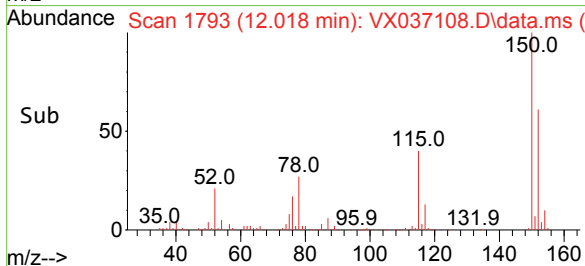


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX037108.D
 Acq: 19 Aug 2023 04:49

Instrument :
 MSVOA_X
 ClientSampleId :

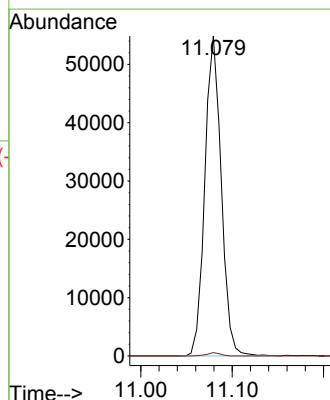
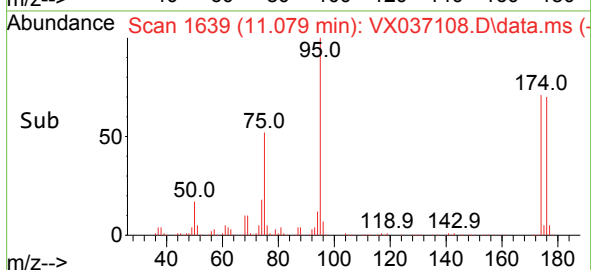
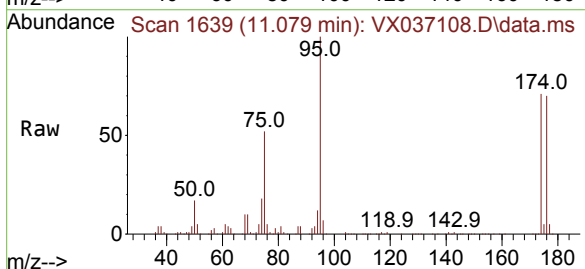


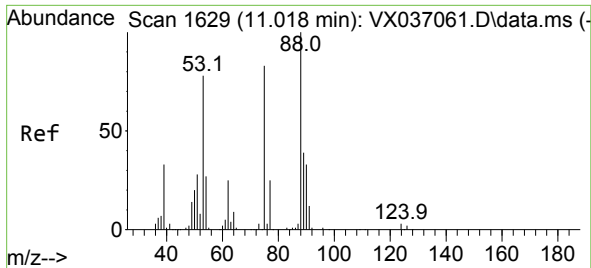
Tgt Ion:152 Resp: 118915
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.3 129.9
 150 159.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.912 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037108.D
 Acq: 19 Aug 2023 04:49

Tgt Ion: 75 Resp: 68155
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

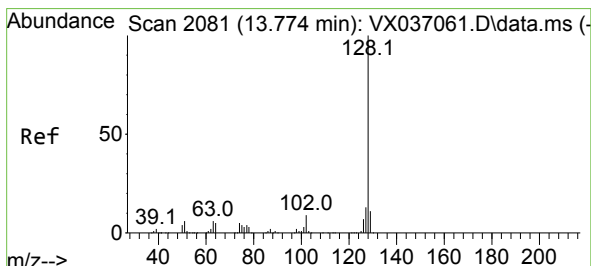
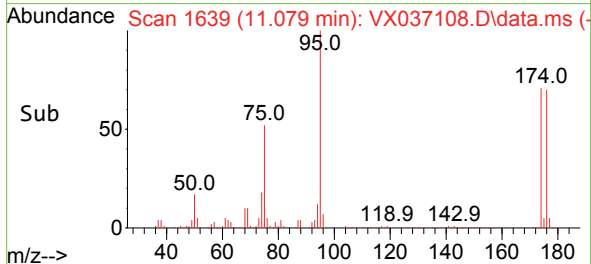
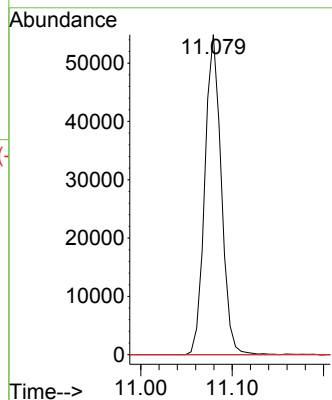
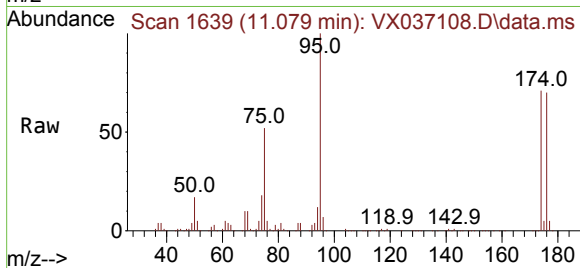




#81
trans-1,4-Dichloro-2-butene
Concen: 75.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 68155
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.492 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037108.D
Acq: 19 Aug 2023 04:49

Tgt Ion:128 Resp: 4879
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 9.8 8.8 13.2

