

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038708.D
 Acq On : 10 Nov 2023 06:35
 Operator : JC/MD
 Sample : 05241-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 16:43:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

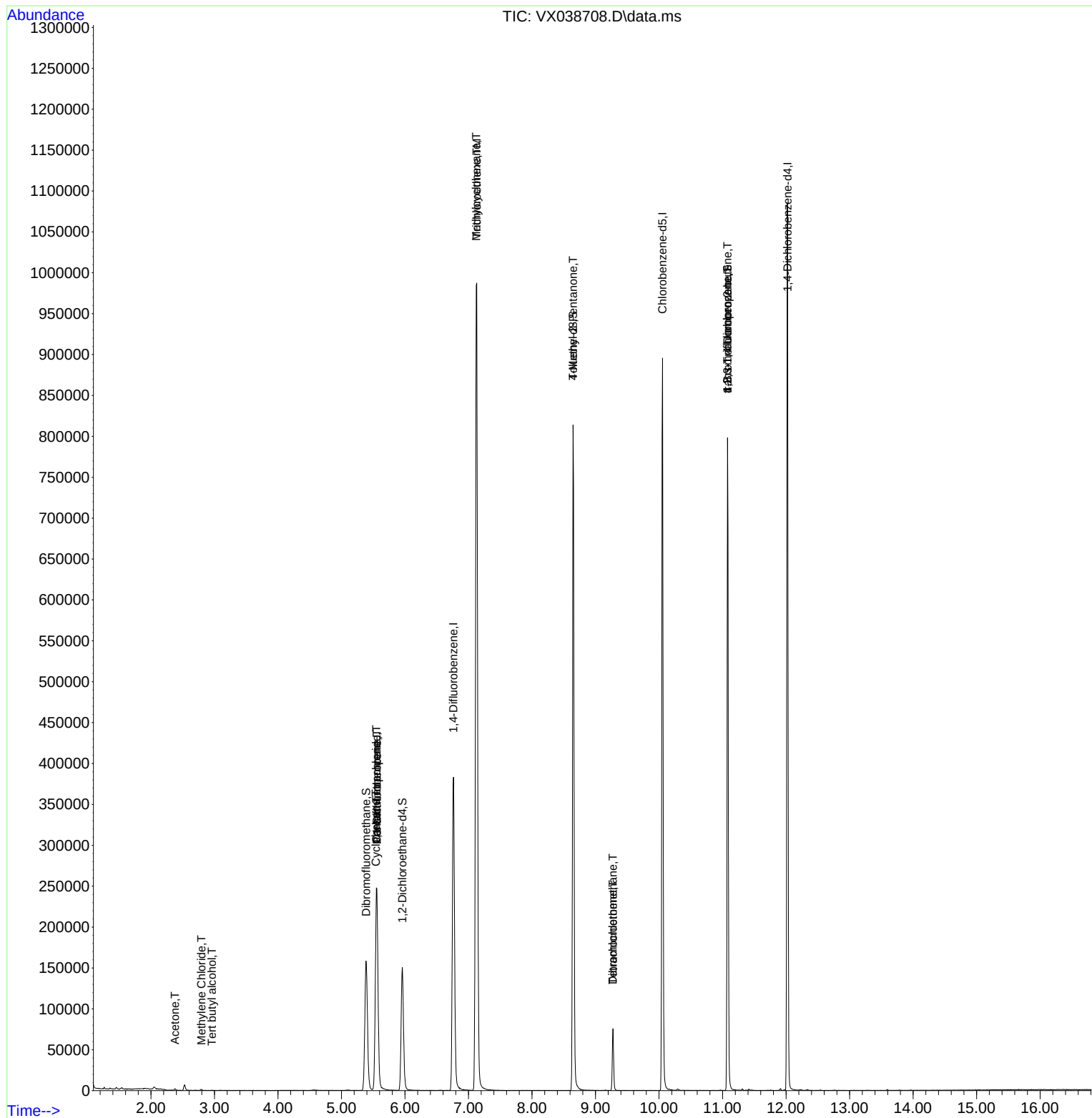
Internal Standards						
1) Pentafluorobenzene	5.556	168	262859	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	435219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150084	45.862	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.720%		
35) Dibromofluoromethane	5.385	113	140926	44.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.920%		
50) Toluene-d8	8.647	98	516054	46.007	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.020%		
62) 4-Bromofluorobenzene	11.079	95	217013	49.901	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.800%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	199	0.297	ug/l	# 78
16) Acetone	2.380	43	2246	1.630	ug/l	# 83
20) Methylene Chloride	2.794	84	702	0.253	ug/l	# 58
31) Cyclohexane	5.544	56	4037	1.115	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	16636	4.272	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	24908	5.722	ug/l	# 16
39) Methylcyclohexane	7.123	83	4194	0.862	ug/l	# 1
44) Trichloroethene	7.129	130	427520	122.517	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	1720	0.432	ug/l	# 1
60) Dibromochloromethane	9.275	129	14171	4.050	ug/l	# 11
64) Tetrachloroethene	9.275	164	14675	4.361	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	104353	20.460	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	104353	62.373	ug/l	# 5

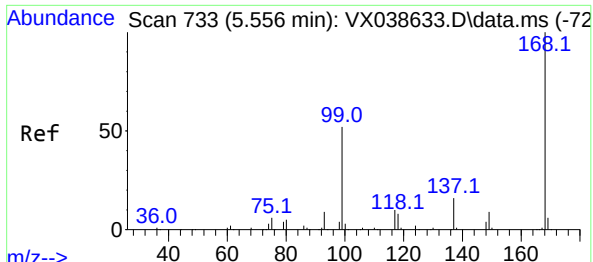
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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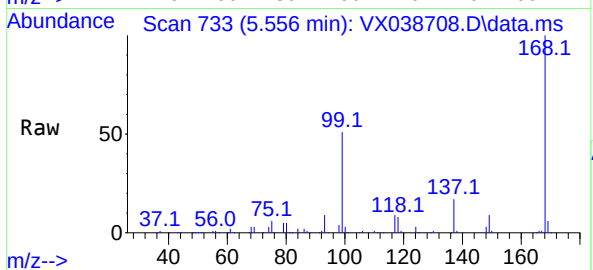
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



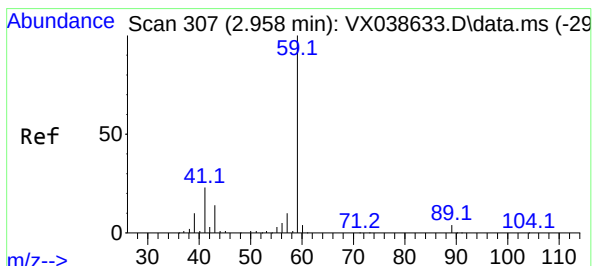
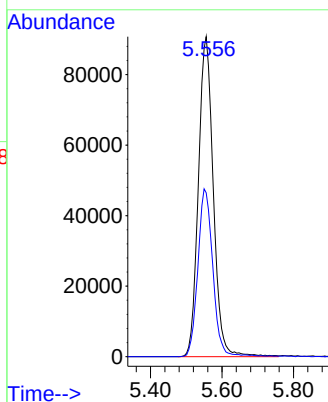
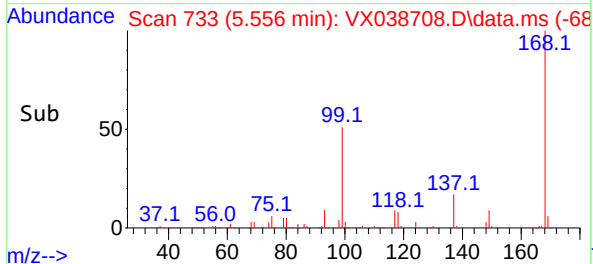


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

Instrument :
MSVOA_X
ClientSampleId :

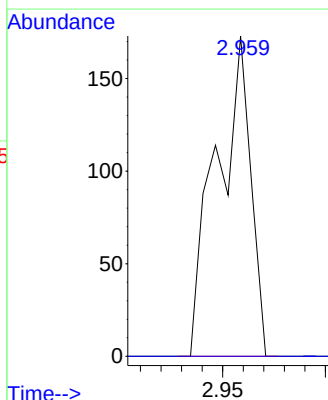
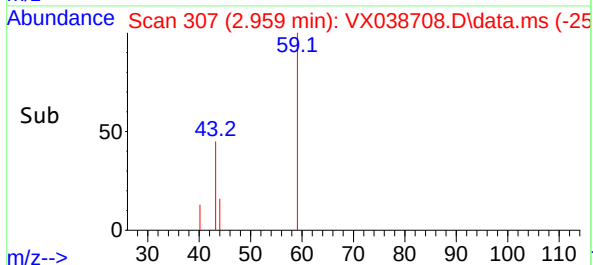
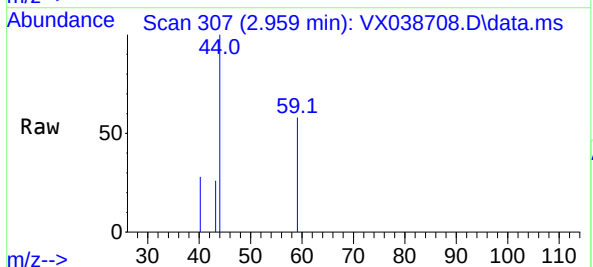


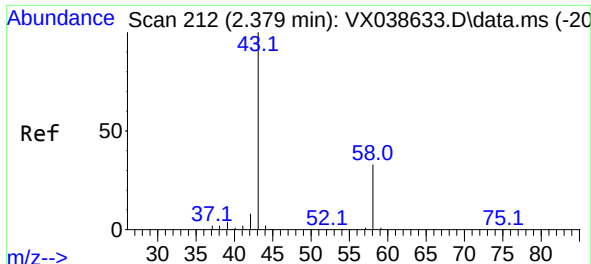
Tgt Ion:168 Resp: 262859
Ion Ratio Lower Upper
168 100
99 51.2 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.297 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

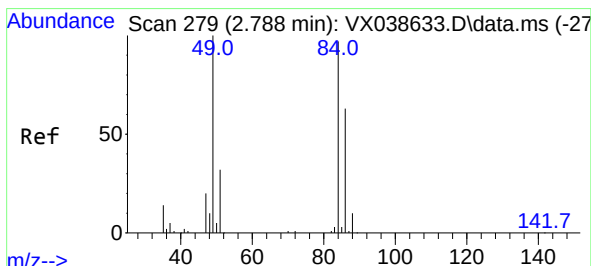
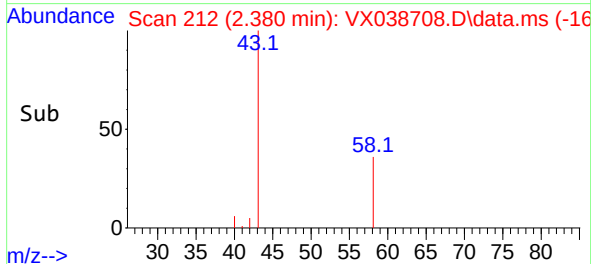
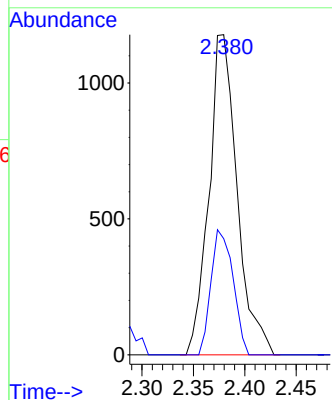
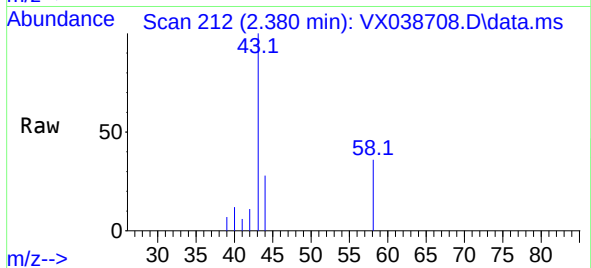




#16
Acetone
Concen: 1.630 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

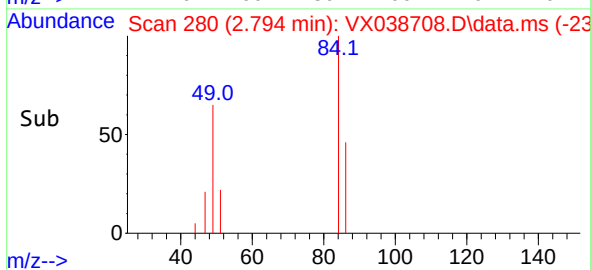
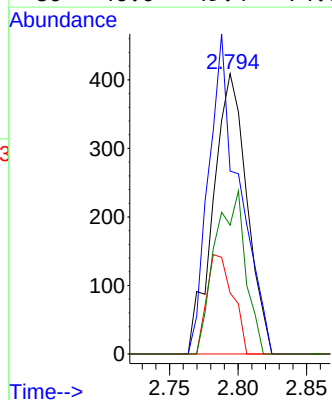
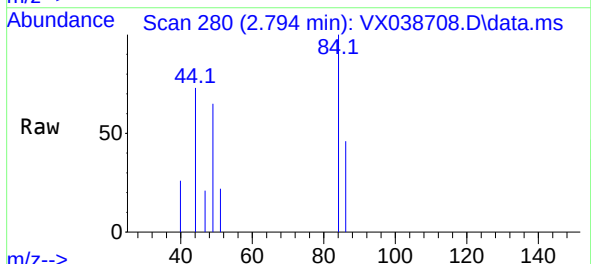
Instrument :
MSVOA_X
ClientSampleId :

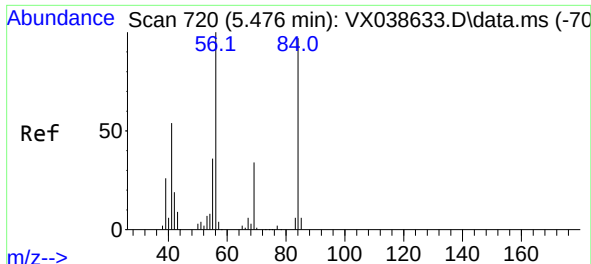
Tgt Ion: 43 Resp: 2246
Ion Ratio Lower Upper
43 100
58 36.2 21.9 32.9#



#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

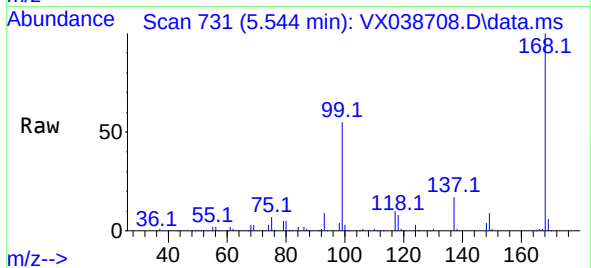
Tgt Ion: 84 Resp: 702
Ion Ratio Lower Upper
84 100
49 65.3 103.6 155.4#
51 21.8 33.8 50.6#
86 46.0 49.4 74.0#



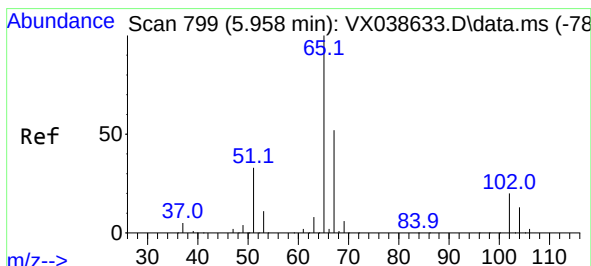
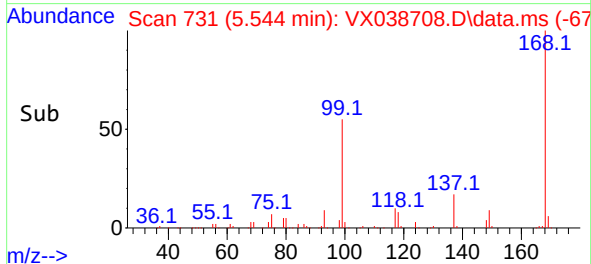
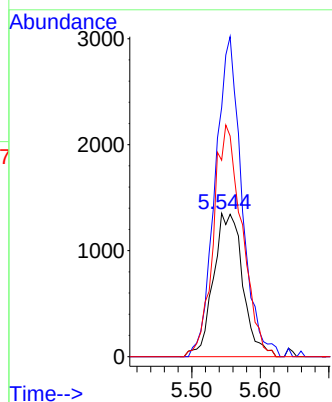


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

Instrument :
MSVOA_X
ClientSampleId :

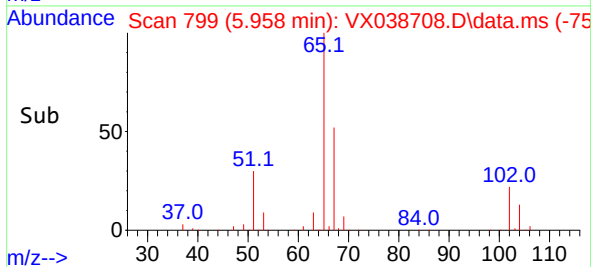
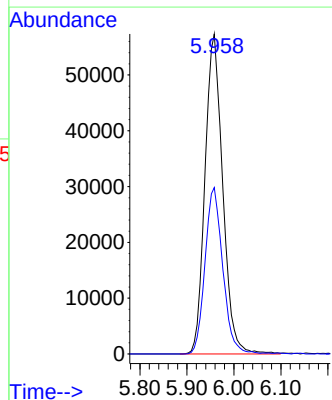
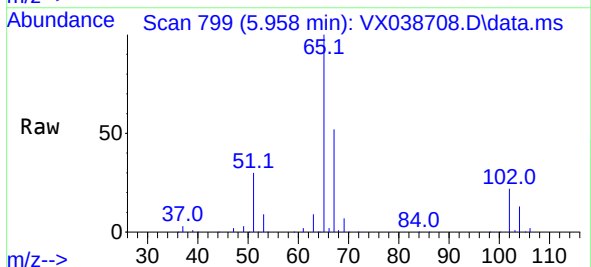


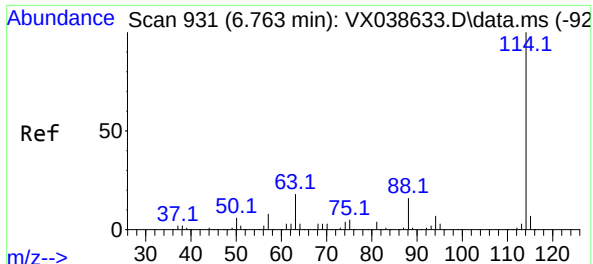
Tgt Ion: 56 Resp: 4037
Ion Ratio Lower Upper
56 100
69 173.7 23.4 35.2#
84 137.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.862 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

Tgt Ion: 65 Resp: 150084
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

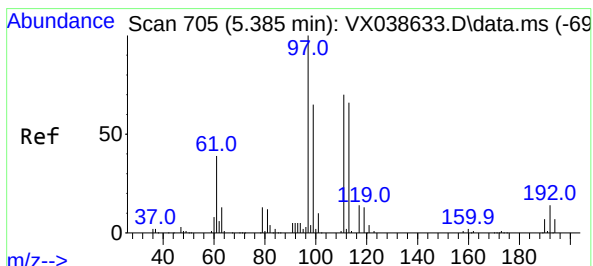
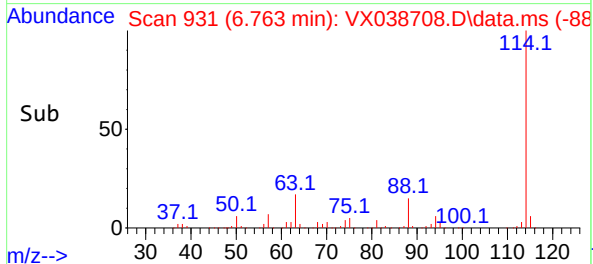
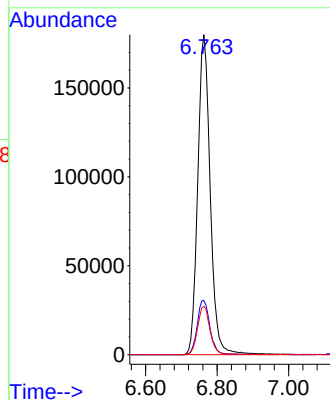
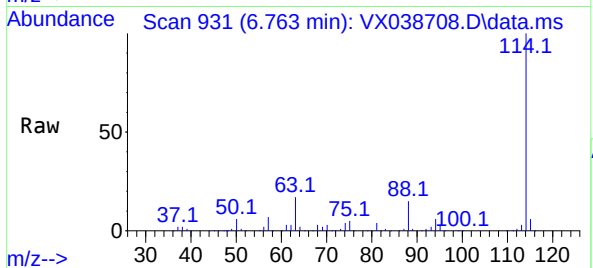




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

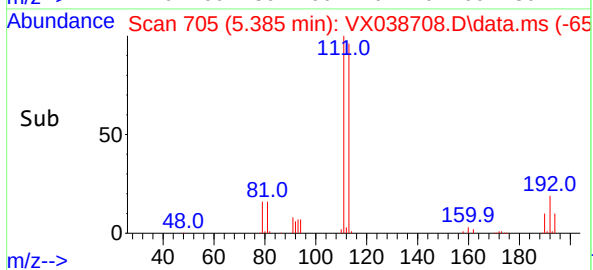
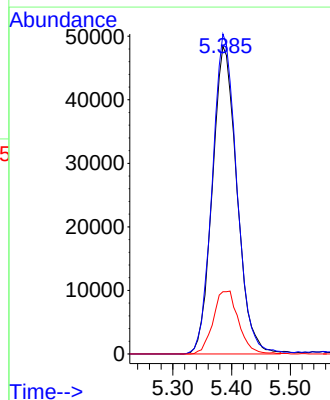
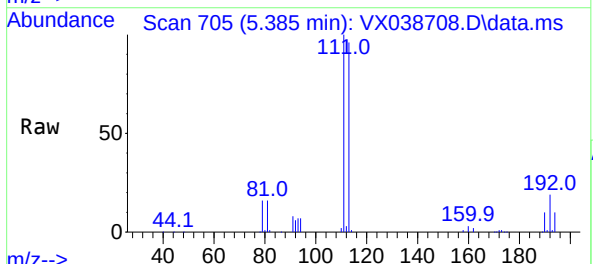
Instrument :
MSVOA_X
ClientSampleId :

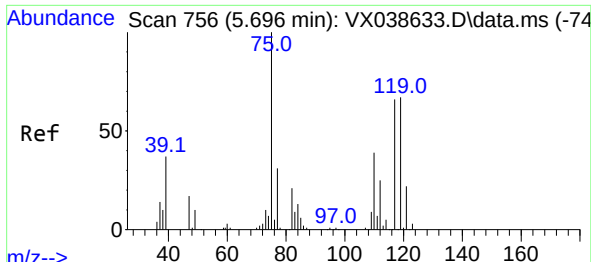
Tgt Ion:114 Resp: 435219
Ion Ratio Lower Upper
114 100
63 17.0 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.959 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

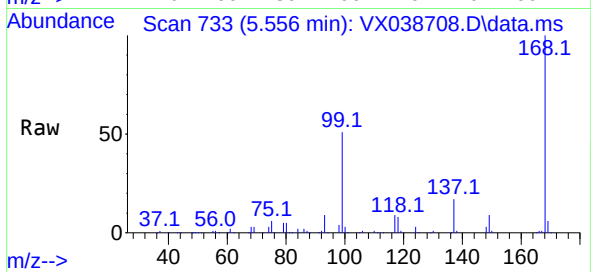
Tgt Ion:113 Resp: 140926
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 21.0 13.3 19.9#



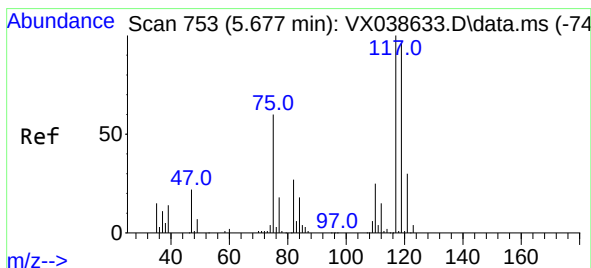
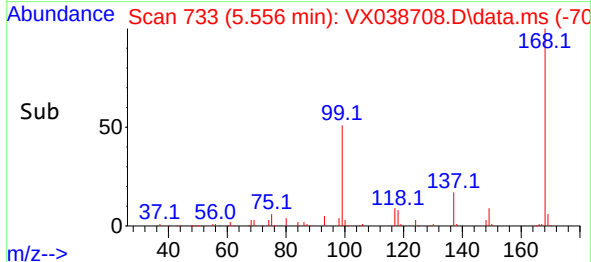
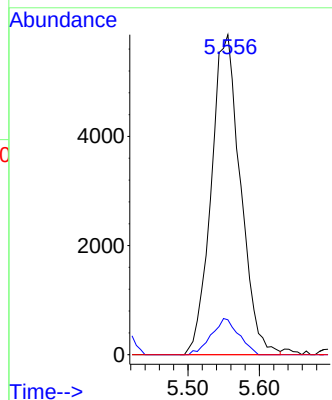


#36
1,1-Dichloropropene
Concen: 4.272 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

Instrument :
MSVOA_X
ClientSampleId :

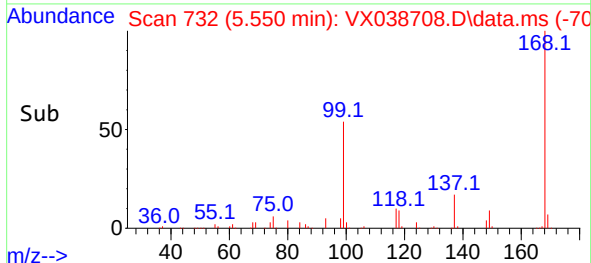
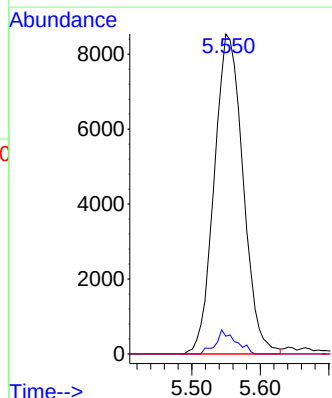
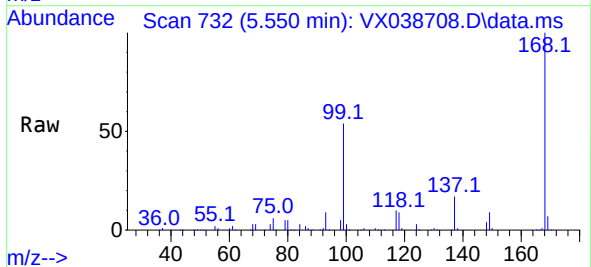


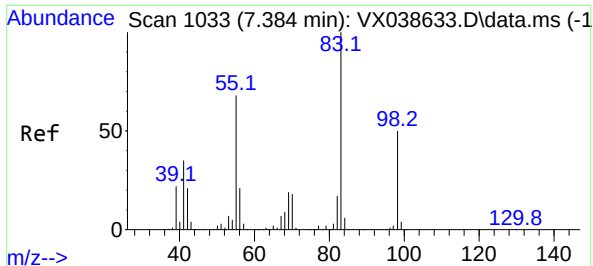
Tgt Ion: 75 Resp: 16636
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.722 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

Tgt Ion: 117 Resp: 24908
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.862 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX038708.D

Acq: 10 Nov 2023 06:35

Instrument :

MSVOA_X

ClientSampleId :

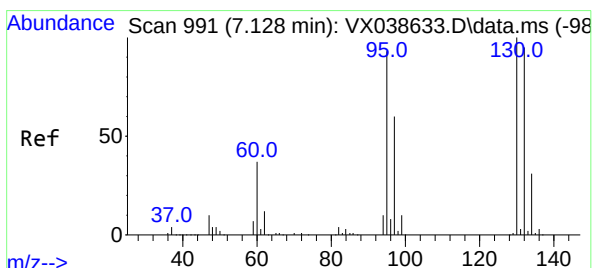
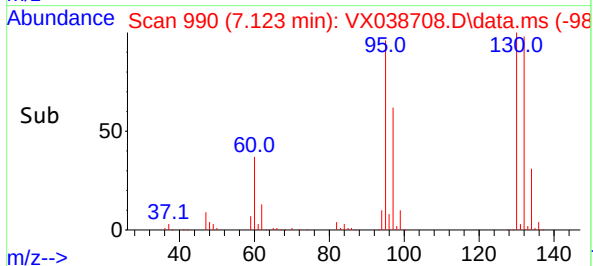
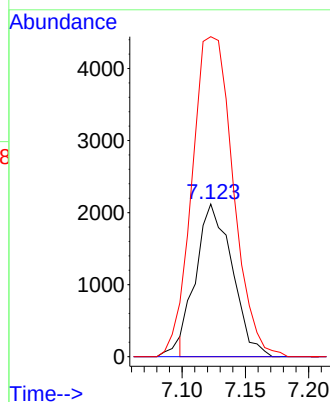
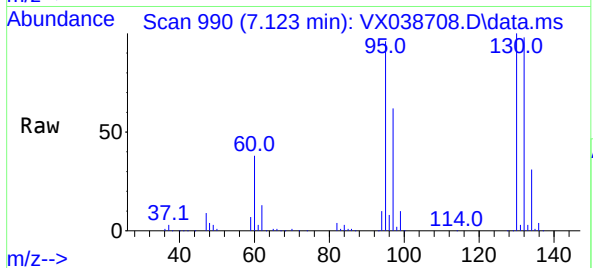
Tgt Ion: 83 Resp: 4194

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 206.8 36.7 55.1#



#44

Trichloroethene

Concen: 122.517 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX038708.D

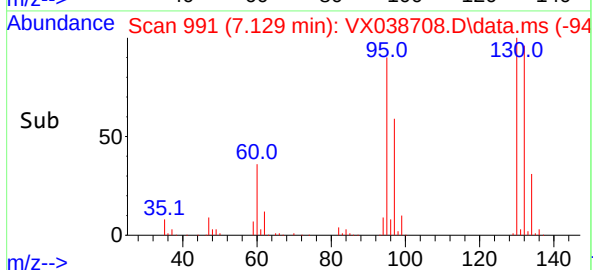
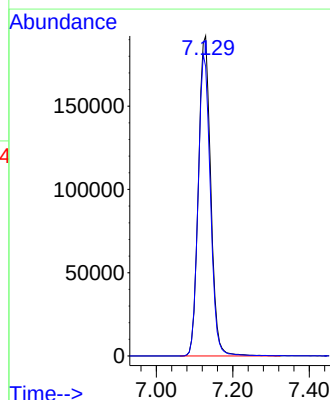
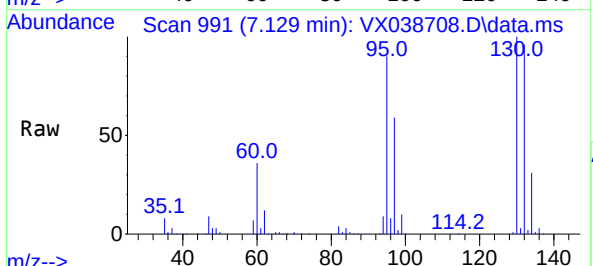
Acq: 10 Nov 2023 06:35

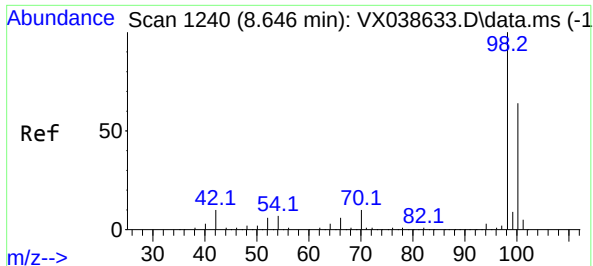
Tgt Ion:130 Resp: 427520

Ion Ratio Lower Upper

130 100

95 90.5 0.0 204.4

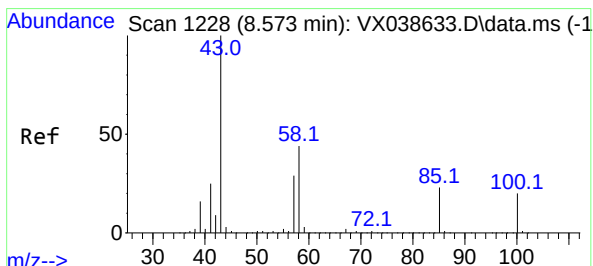
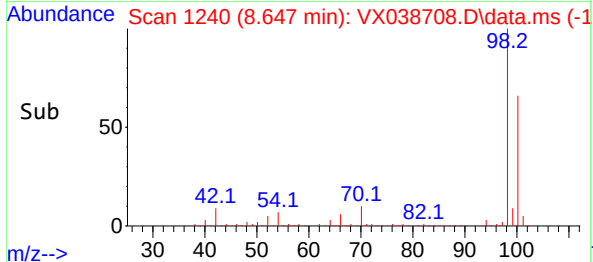
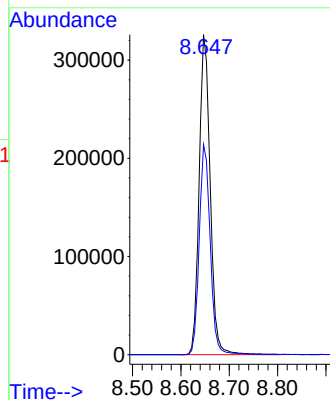
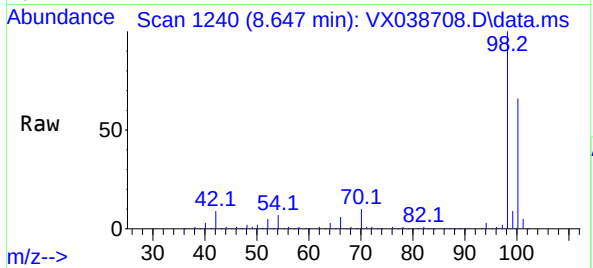




#50
Toluene-d8
Concen: 46.007 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

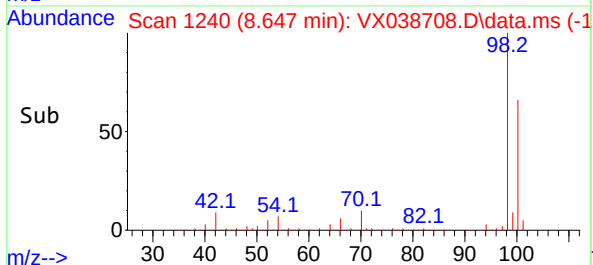
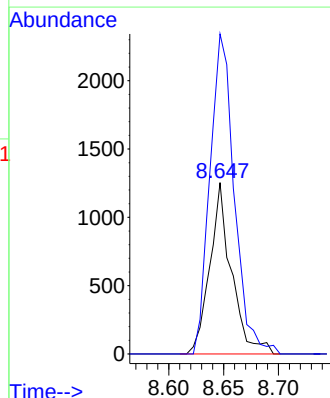
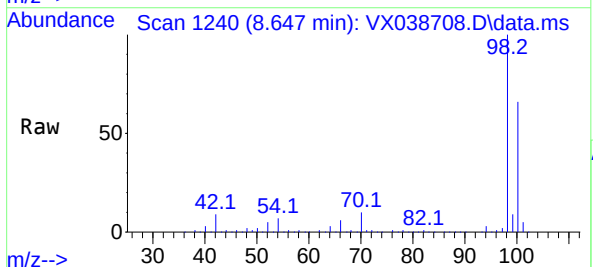
Instrument :
MSVOA_X
ClientSampleId :

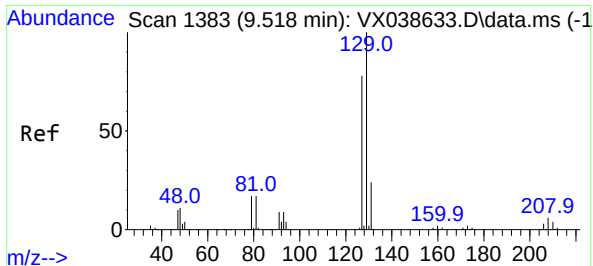
Tgt Ion: 98 Resp: 516054
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
58 210.5 30.4 45.6#

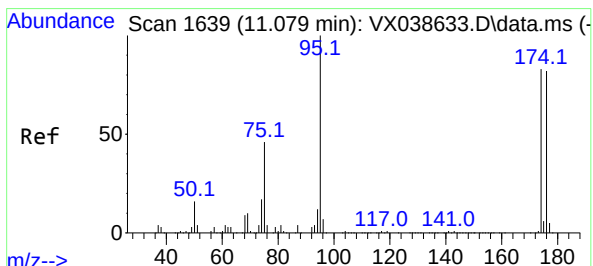
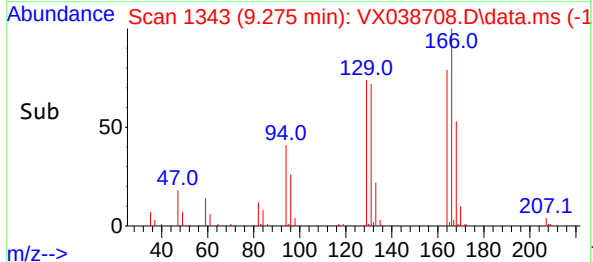
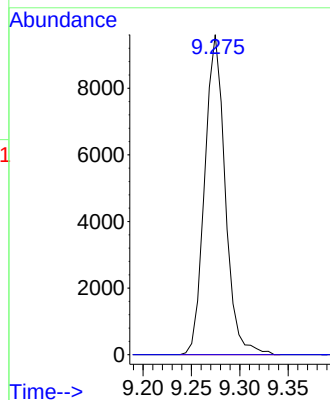
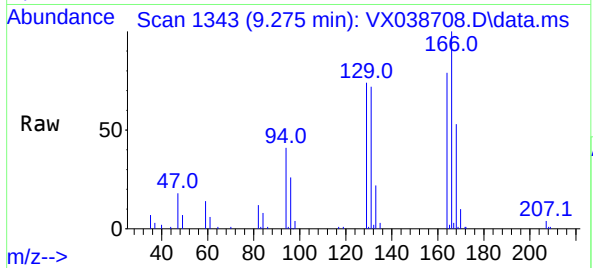




#60
Dibromochloromethane
Concen: 4.050 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

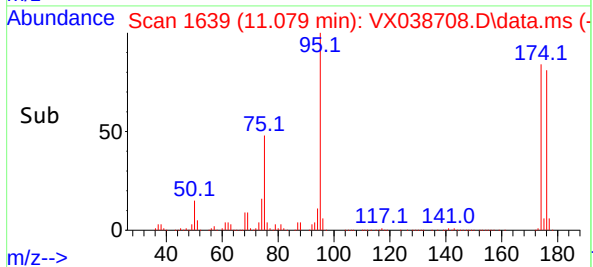
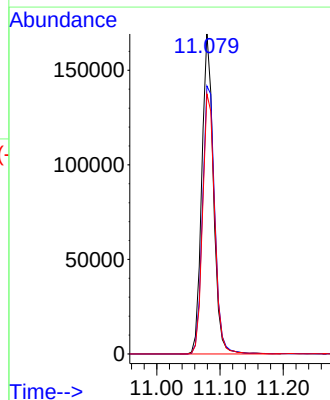
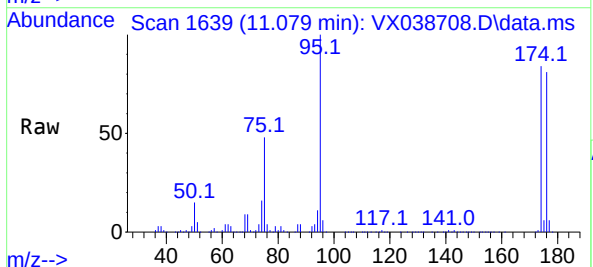
Instrument :
MSVOA_X
ClientSampleId :

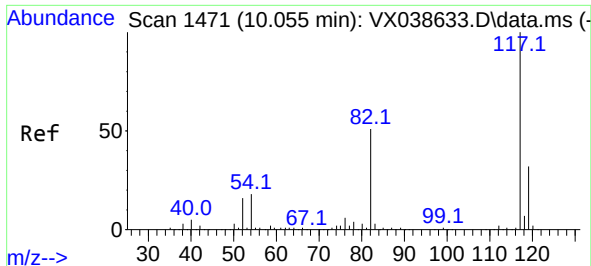
Tgt Ion:129 Resp: 14171
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.901 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

Tgt Ion: 95 Resp: 217013
Ion Ratio Lower Upper
95 100
174 88.7 0.0 135.6
176 84.3 0.0 131.0

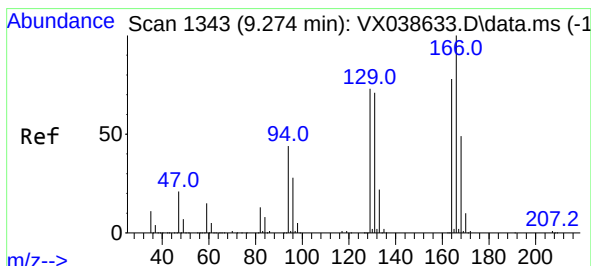
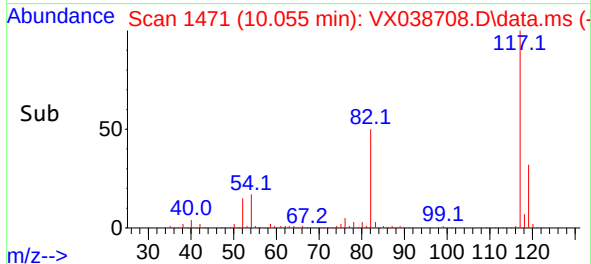
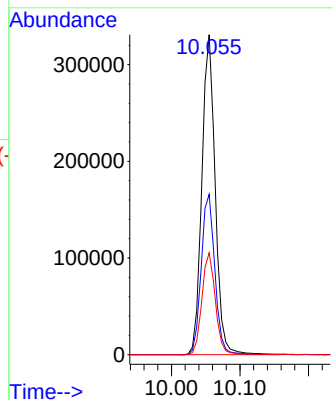
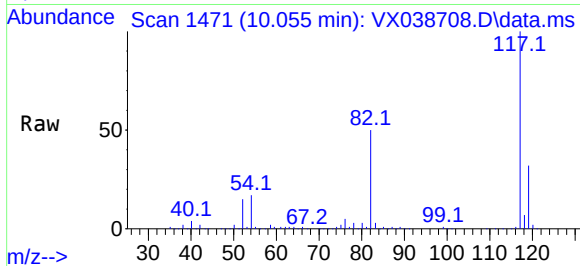




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

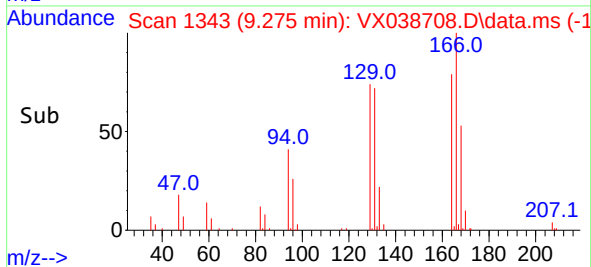
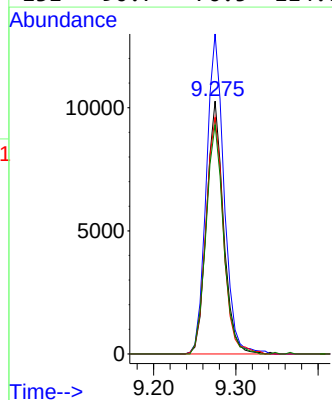
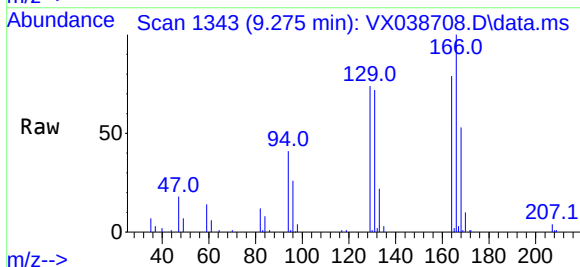
Instrument :
MSVOA_X
ClientSampleId :

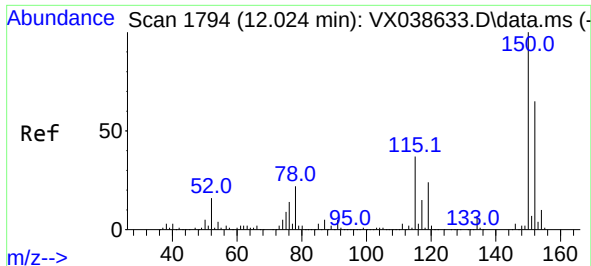
Tgt Ion:117 Resp: 449507
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 4.361 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

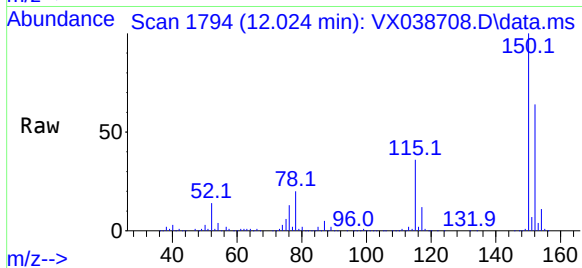
Tgt Ion:164 Resp: 14675
Ion Ratio Lower Upper
164 100
166 126.6 102.7 154.1
129 93.6 80.4 120.6
131 90.7 76.5 114.7



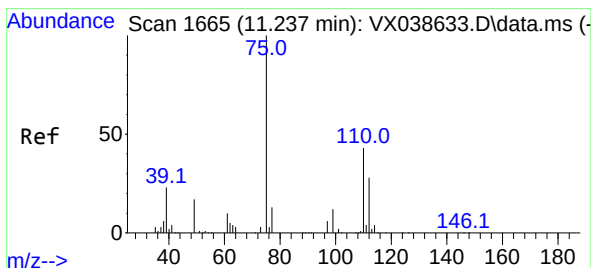
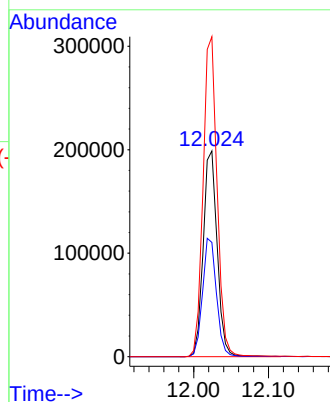
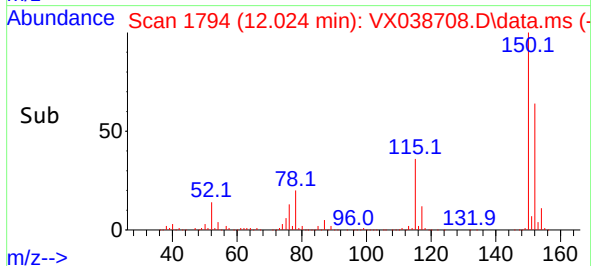


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

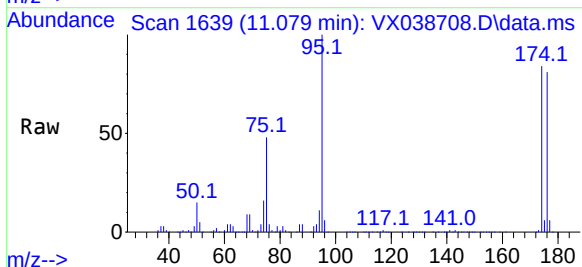
Instrument :
MSVOA_X
ClientSampleId :



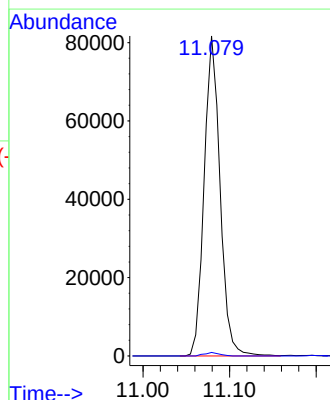
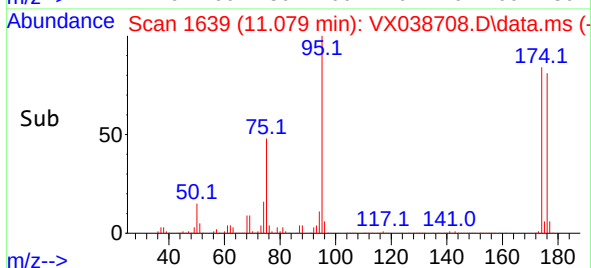
Tgt Ion:152 Resp: 257532
Ion Ratio Lower Upper
152 100
115 57.6 43.3 129.9
150 156.6 0.0 345.0

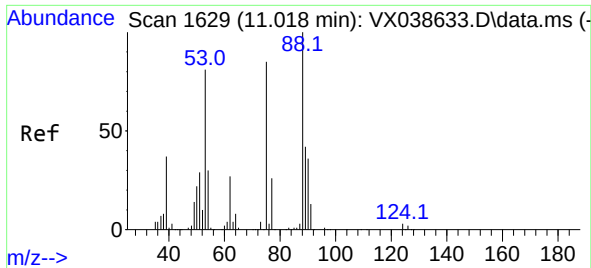


#76
1,2,3-Trichloropropane
Concen: 20.460 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35



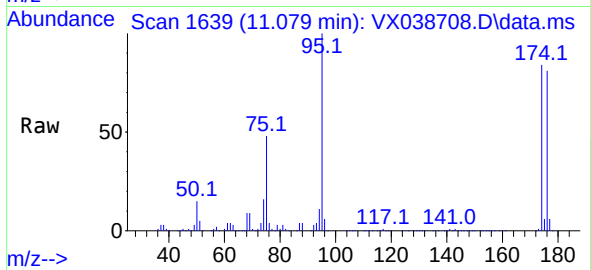
Tgt Ion: 75 Resp: 104353
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.373 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038708.D
Acq: 10 Nov 2023 06:35

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 104353
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

