

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037440.D
 Acq On : 31 Aug 2023 19:07
 Operator : JC/MD
 Sample : 04182-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 01 03:15:58 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)

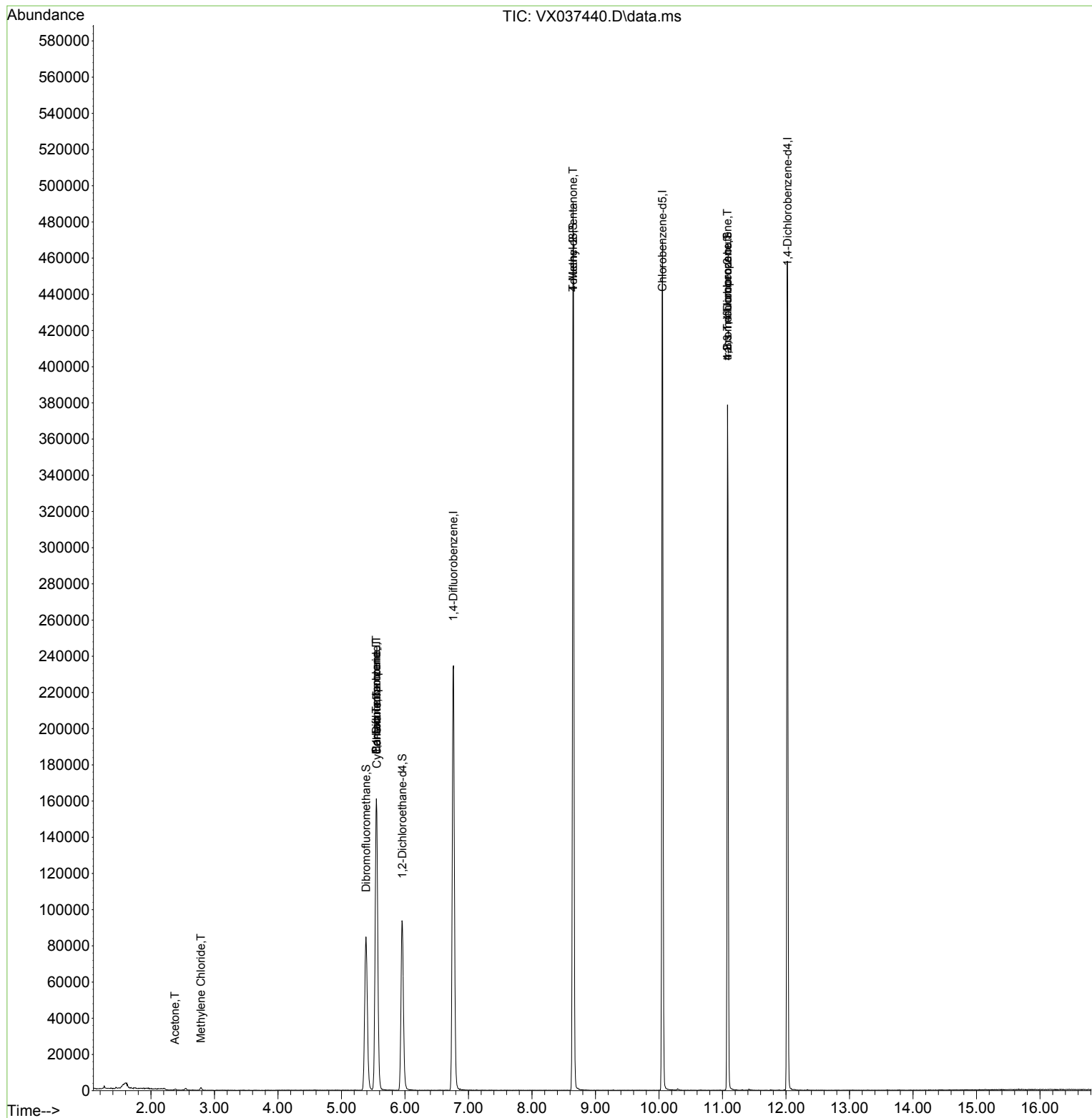
Internal Standards						
1) Pentafluorobenzene	5.550	168	152883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94351	42.807	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.620%		
35) Dibromofluoromethane	5.385	113	77011	46.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.340%		
50) Toluene-d8	8.647	98	298369	49.311	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.620%		
62) 4-Bromofluorobenzene	11.079	95	105519	44.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.760%		
Target Compounds						
16) Acetone	2.380	43	808	0.937	ug/l	96
20) Methylene Chloride	2.788	84	849	0.440	ug/l #	83
31) Cyclohexane	5.556	56	2727	1.100	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11766	4.965	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16135	6.268	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1085	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51796	24.951	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51796	69.690	ug/l #	5

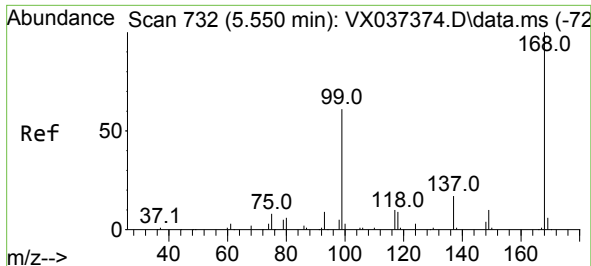
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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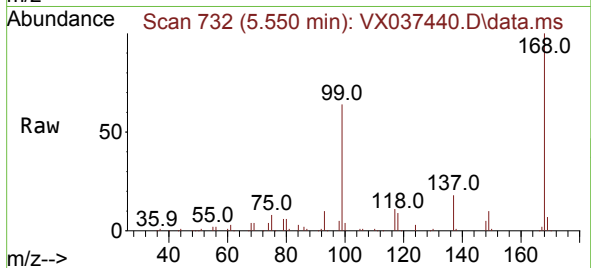
Quant Time: Sep 01 03:15:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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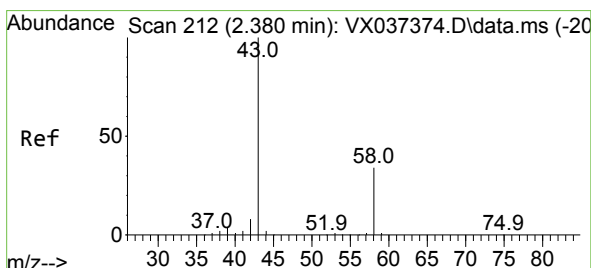
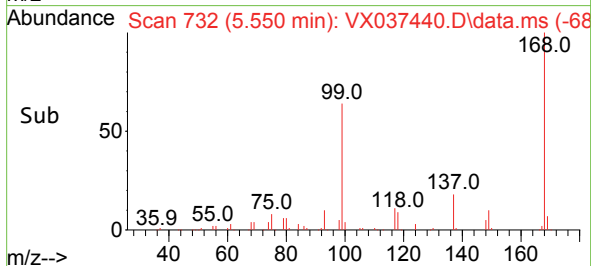
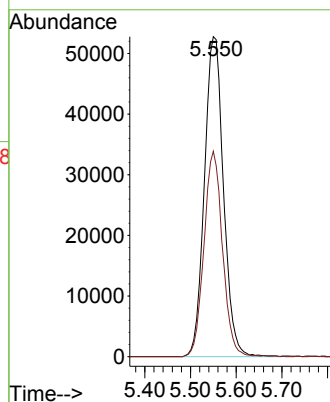


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

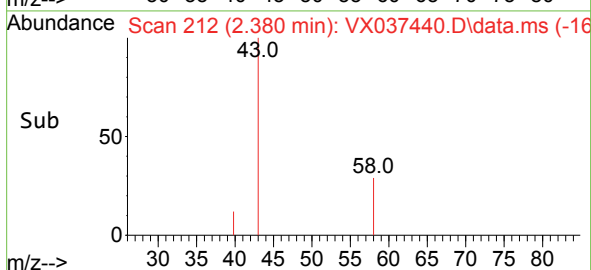
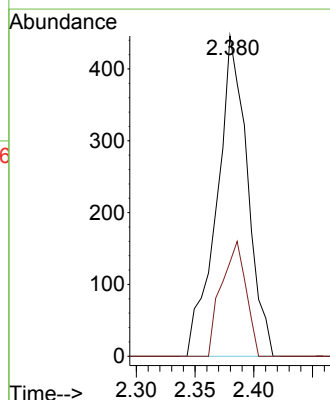
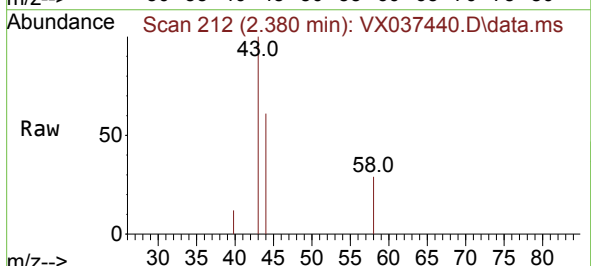


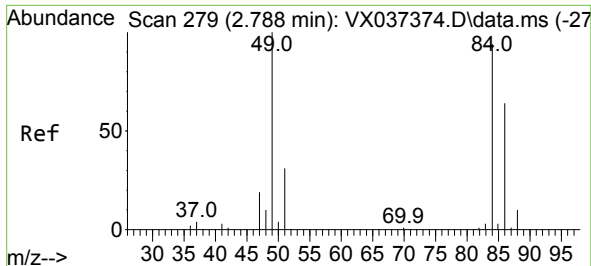
Tgt Ion:168 Resp: 152883
Ion Ratio Lower Upper
168 100
99 64.2 56.6 85.0



#16
Acetone
Concen: 0.937 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9





#20

Methylene Chloride

Concen: 0.440 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

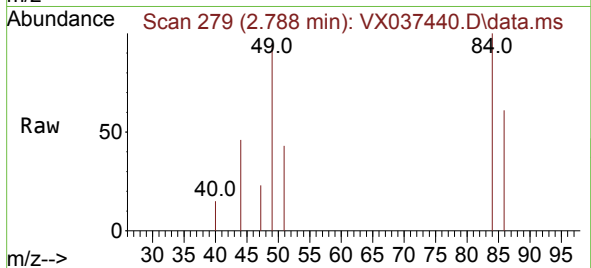
Lab File: VX037440.D

Acq: 31 Aug 2023 19:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 849

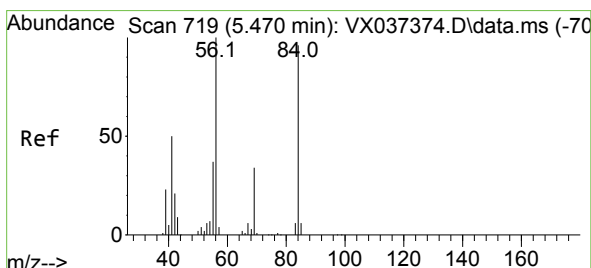
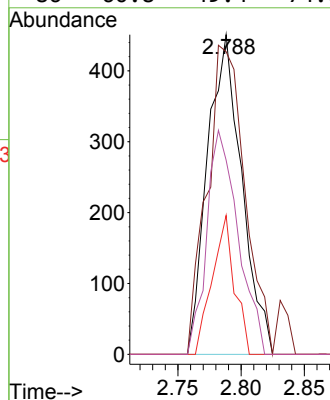
Ion Ratio Lower Upper

84 100

49 94.7 103.6 155.4#

51 43.5 33.8 50.6

86 60.8 49.4 74.0



#31

Cyclohexane

Concen: 1.100 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037440.D

Acq: 31 Aug 2023 19:07

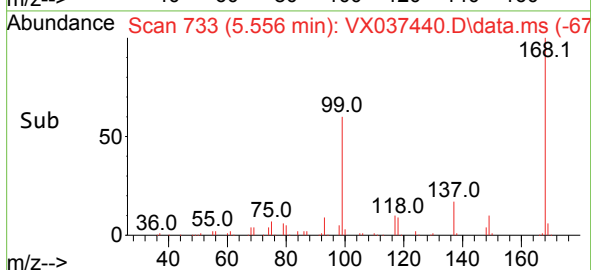
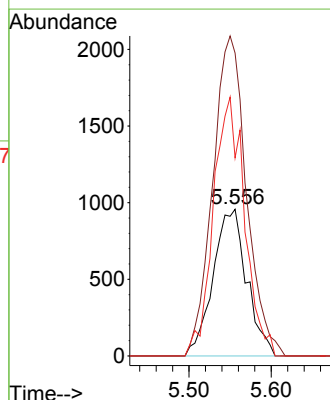
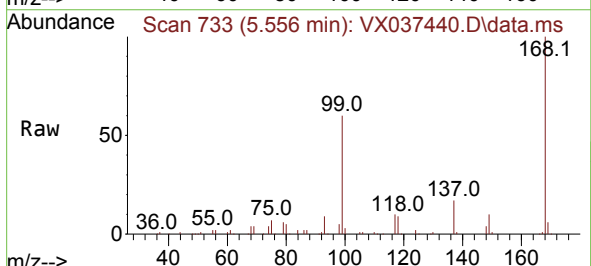
Tgt Ion: 56 Resp: 2727

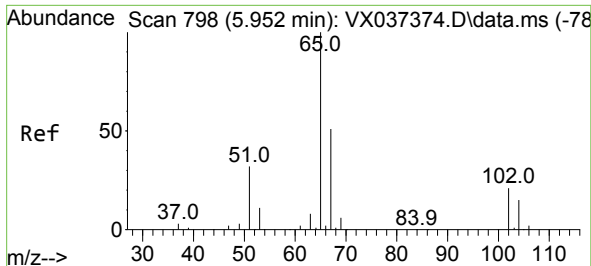
Ion Ratio Lower Upper

56 100

69 206.5 23.4 35.2#

84 135.0 65.9 98.9#

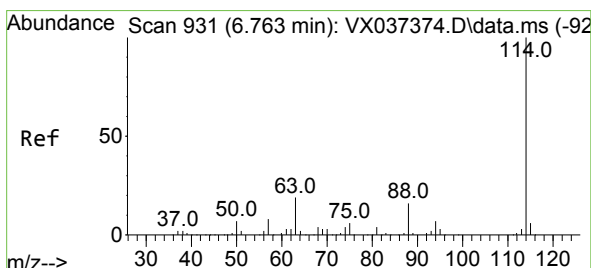
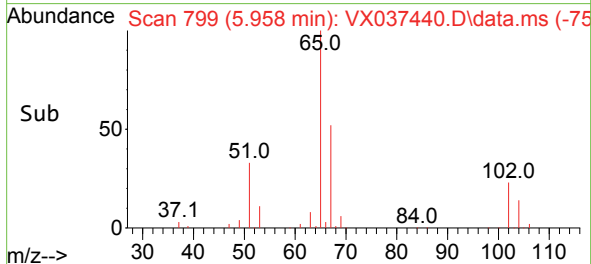
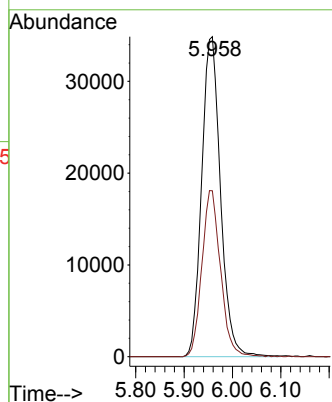
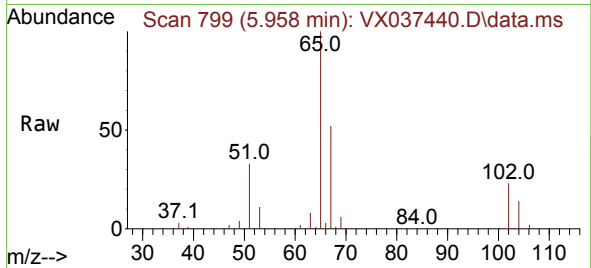




#33
1,2-Dichloroethane-d4
Concen: 42.807 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

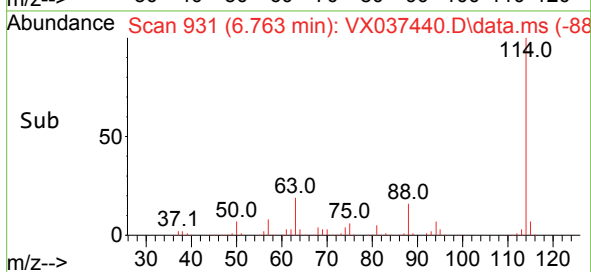
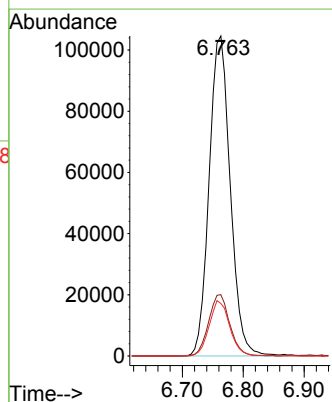
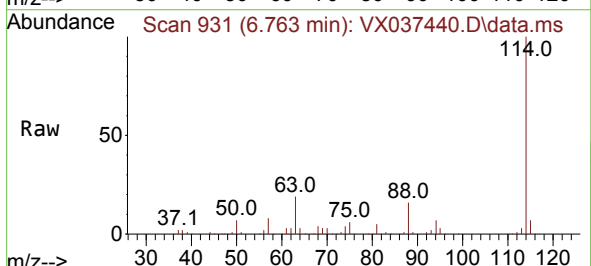
Instrument :
MSVOA_X
ClientSampleId :

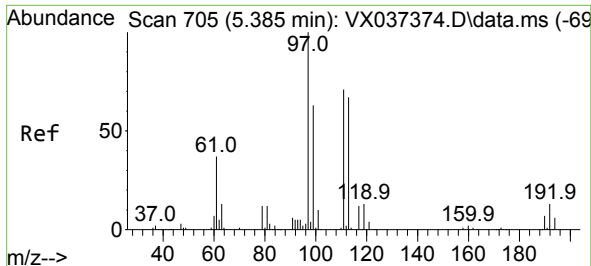
Tgt Ion: 65 Resp: 94351
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

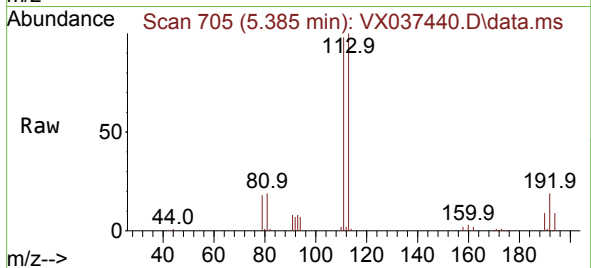
Tgt Ion: 114 Resp: 251873
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.4 0.0 36.6



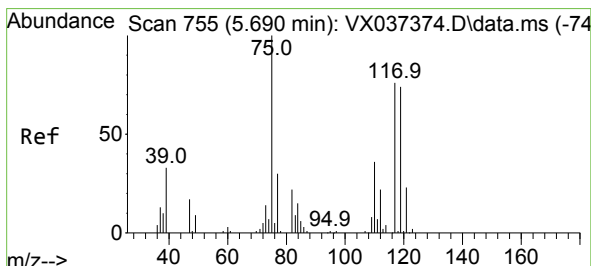
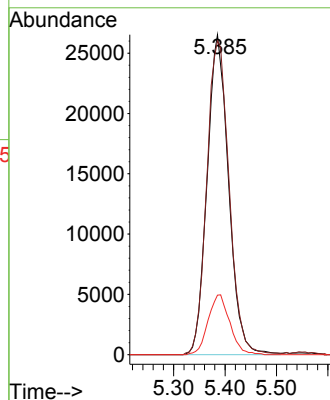
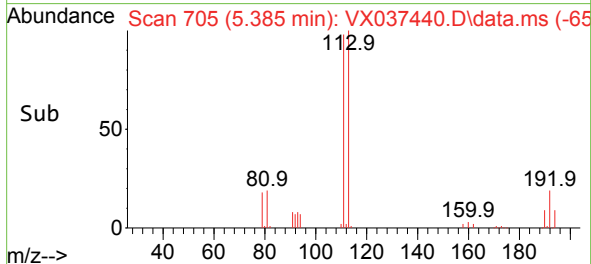


#35
Dibromofluoromethane
Concen: 46.167 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

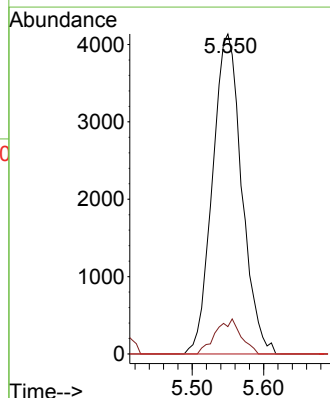
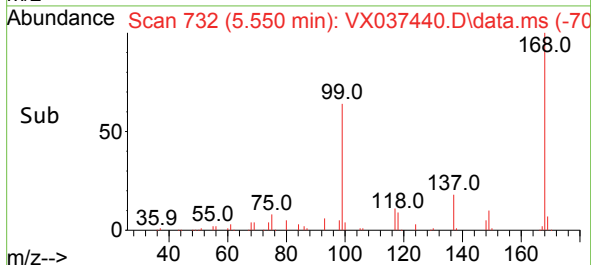
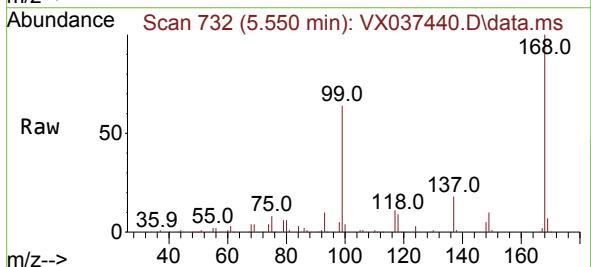


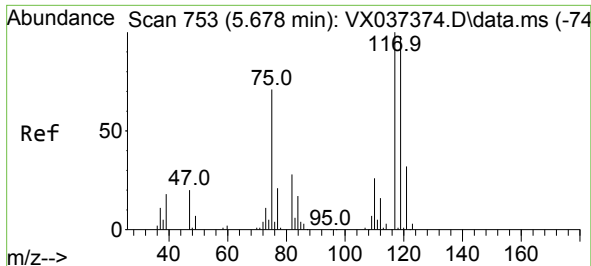
Tgt Ion:113 Resp: 77011
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

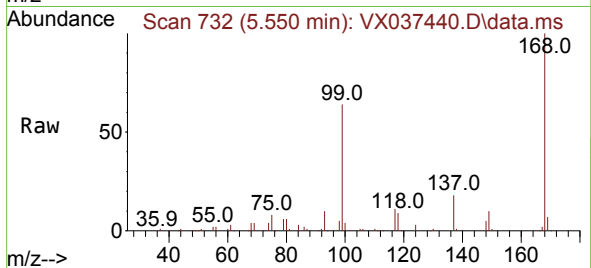
Tgt Ion: 75 Resp: 11766
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



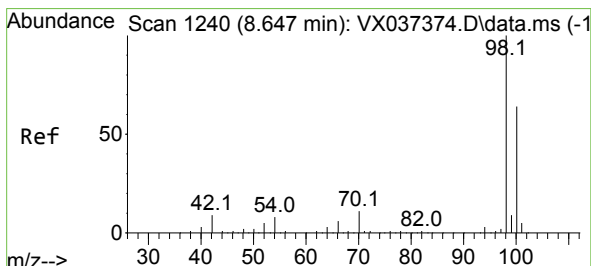
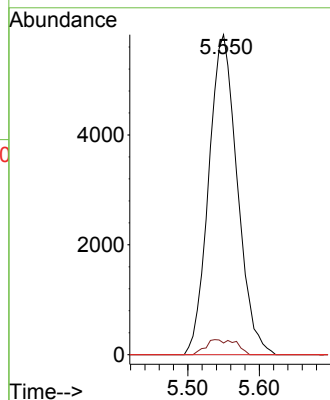
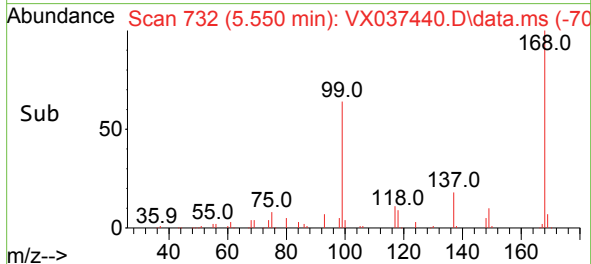


#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

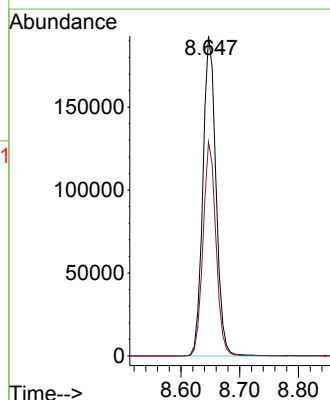
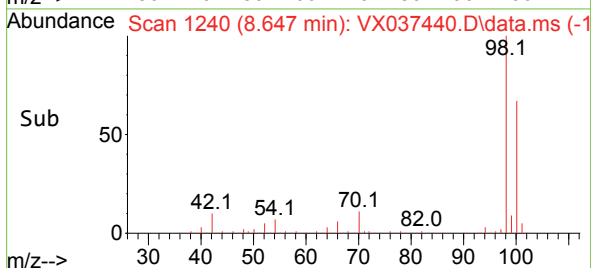
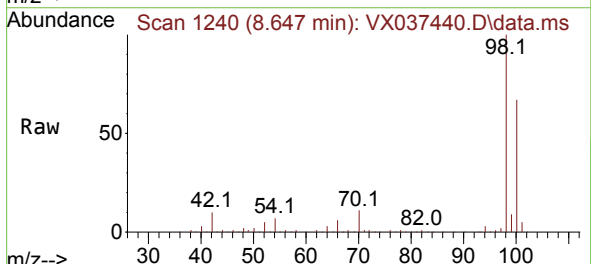


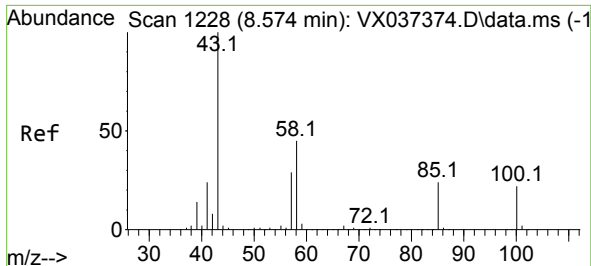
Tgt Ion:117 Resp: 16135
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.311 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

Tgt Ion: 98 Resp: 298369
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

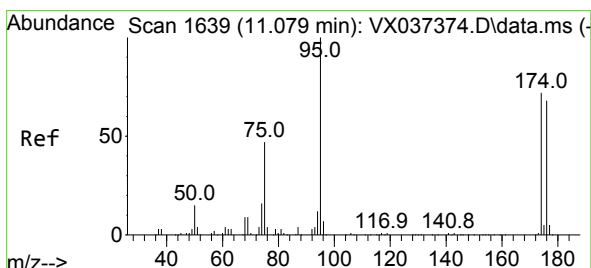
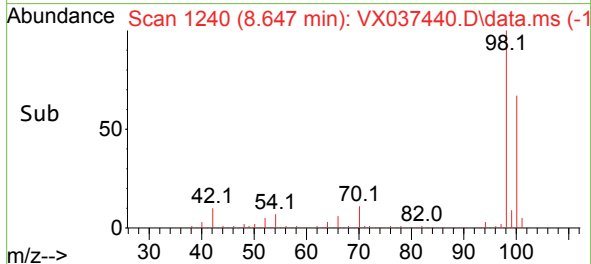
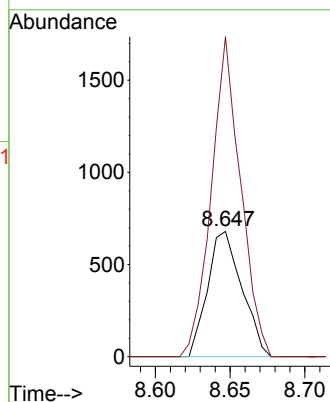
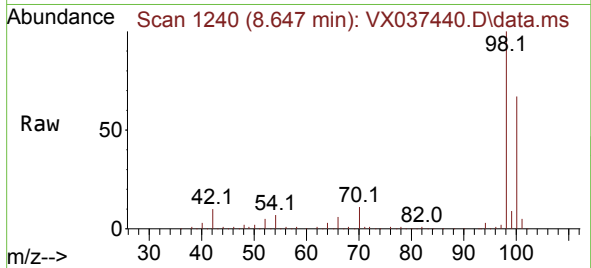




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

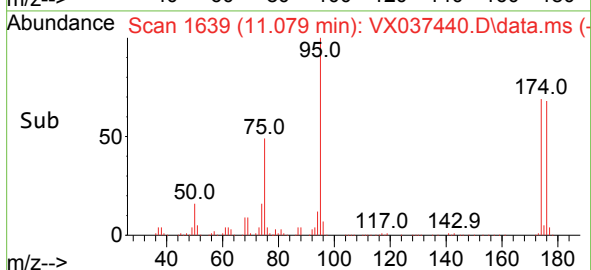
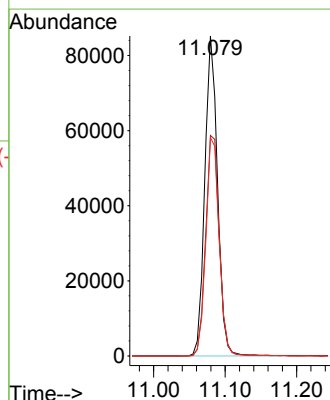
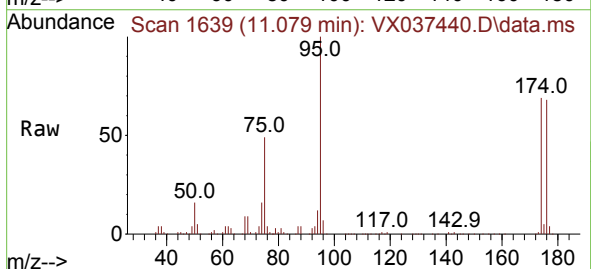
Instrument :
MSVOA_X
ClientSampleId :

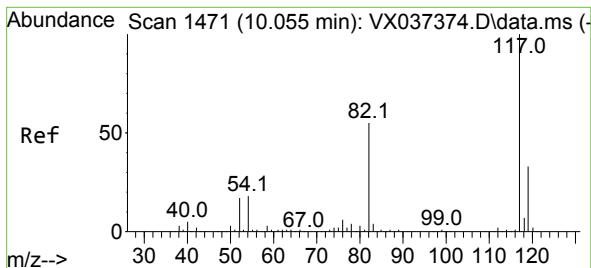
Tgt Ion: 43 Resp: 1085
Ion Ratio Lower Upper
43 100
58 218.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

Tgt Ion: 95 Resp: 105519
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.3 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: VX037440.D

Acq: 31 Aug 2023 19:07

Instrument :

MSVOA_X

ClientSampleId :

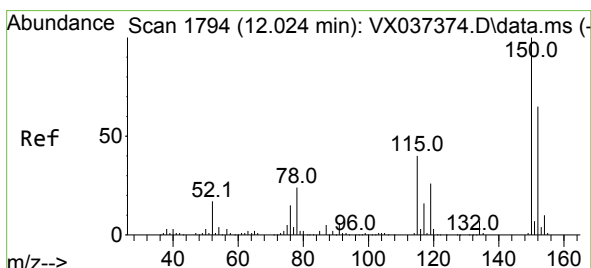
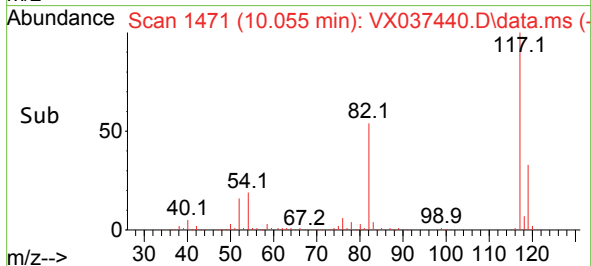
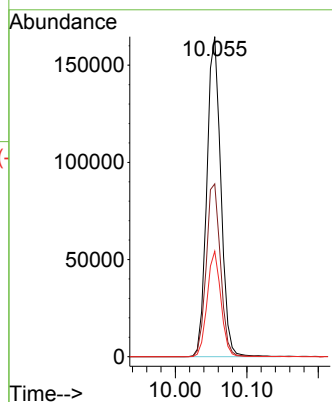
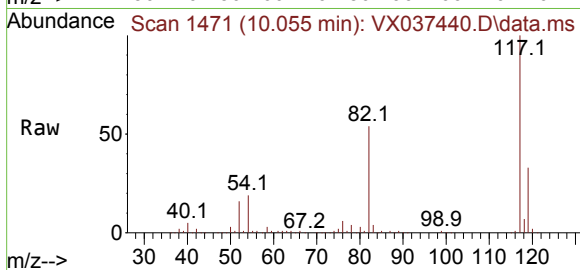
Tgt Ion:117 Resp: 224052

Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

119 33.0 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: VX037440.D

Acq: 31 Aug 2023 19:07

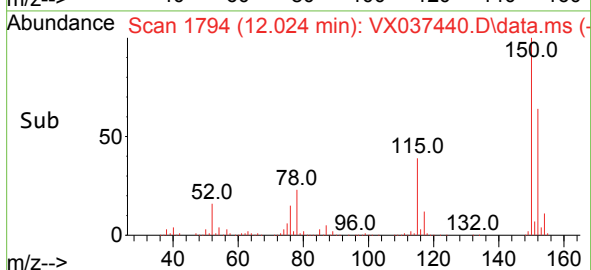
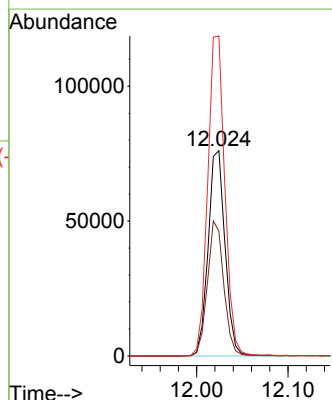
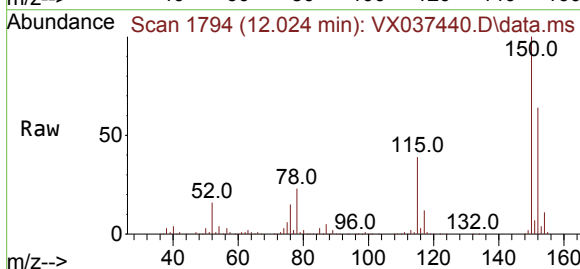
Tgt Ion:152 Resp: 97475

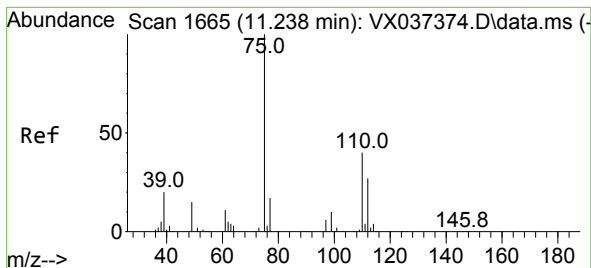
Ion Ratio Lower Upper

152 100

115 63.8 43.3 129.9

150 158.2 0.0 345.0

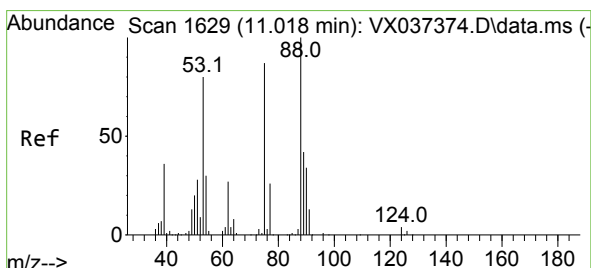
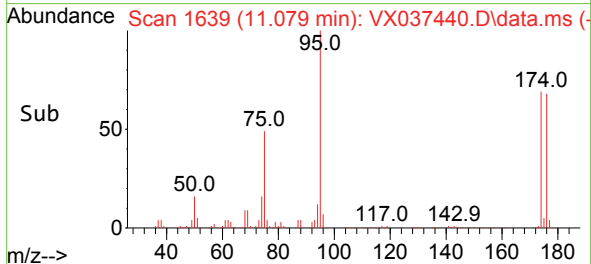
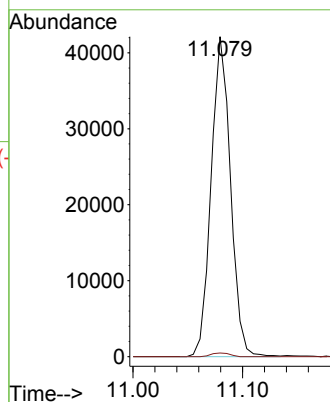
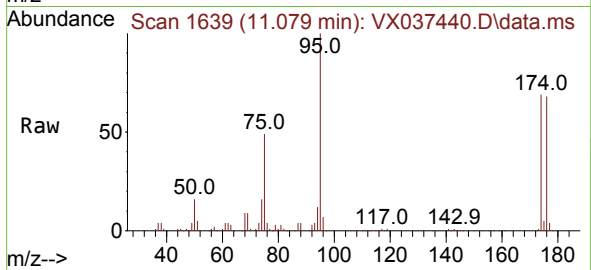




#76
1,2,3-Trichloropropane
Concen: 24.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 51796
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037440.D
Acq: 31 Aug 2023 19:07

Tgt Ion: 75 Resp: 51796
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

