

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037809.D
 Acq On : 19 Sep 2023 16:26
 Operator : JC/MD
 Sample : 04465-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 20 01:04:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

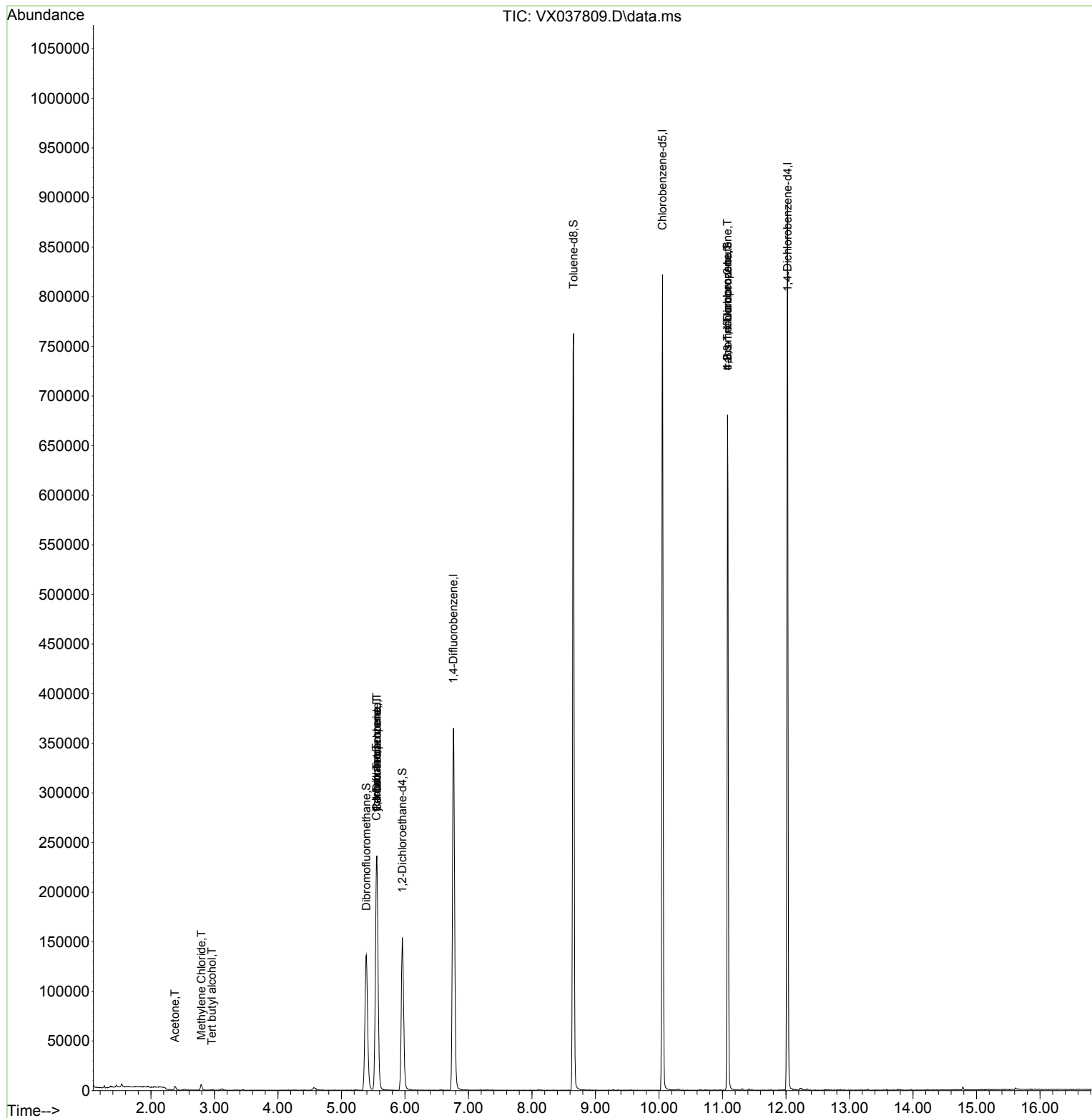
Internal Standards						
1) Pentafluorobenzene	5.556	168	230410	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	384868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142321	47.014	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.020%	
35) Dibromofluoromethane	5.391	113	119265	46.313	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.620%	
50) Toluene-d8	8.653	98	470247	49.146	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.300%	
62) 4-Bromofluorobenzene	11.079	95	174344	50.143	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.280%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	389	0.599	ug/l	# 78
16) Acetone	2.380	43	4022	2.762	ug/l	# 86
20) Methylene Chloride	2.794	84	2647	0.958	ug/l	# 80
31) Cyclohexane	5.550	56	4672	1.202	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	17438	4.916	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	23231	6.259	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	87387	19.691	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	87387	63.076	ug/l	# 5

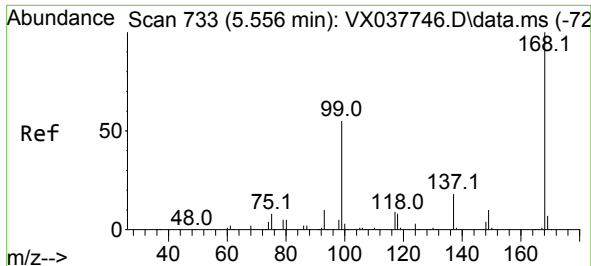
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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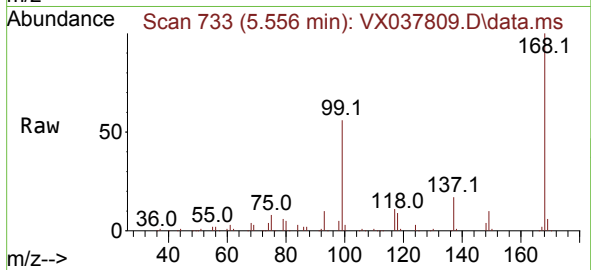
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



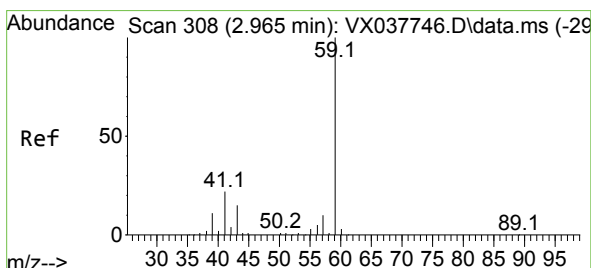
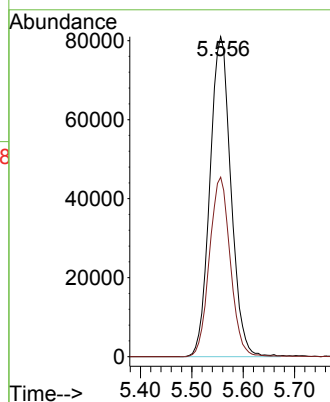
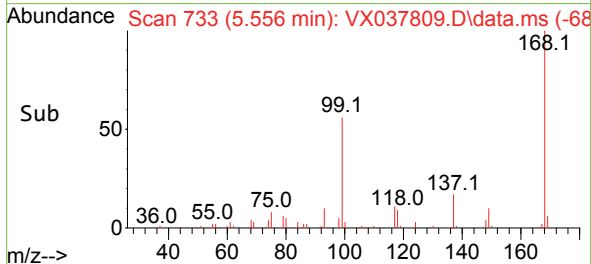


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :

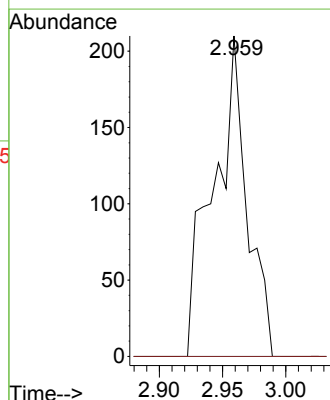
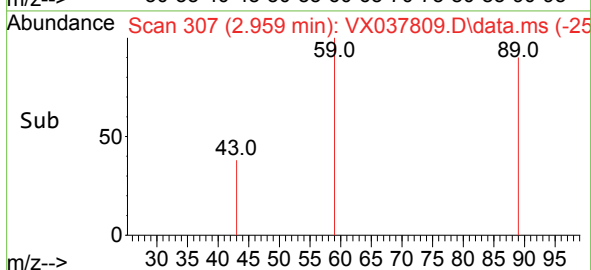
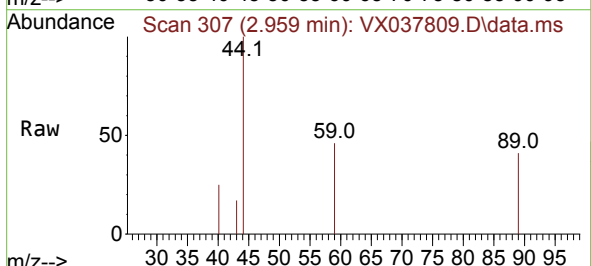


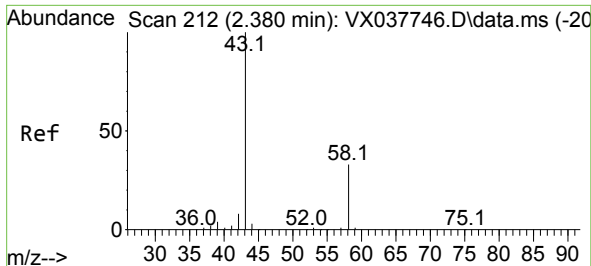
Tgt Ion:168 Resp: 230410
Ion Ratio Lower Upper
168 100
99 56.1 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.599 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

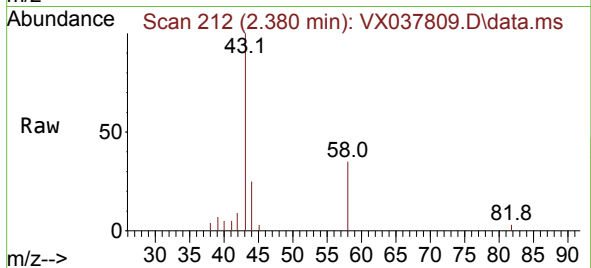
Tgt Ion: 59 Resp: 389
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



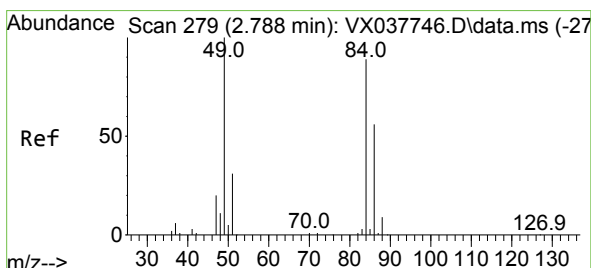
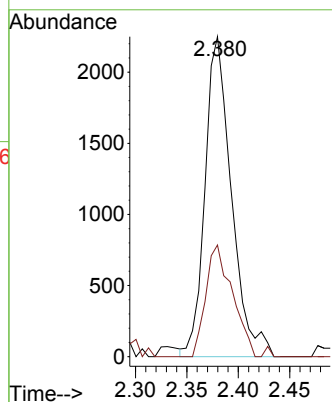
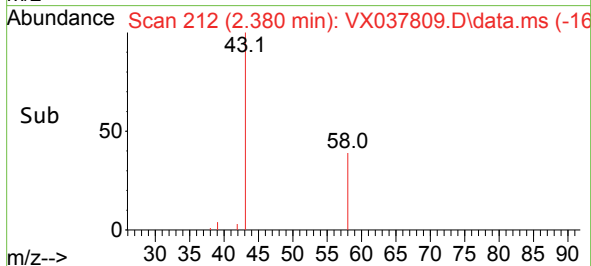


#16
Acetone
Concen: 2.762 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

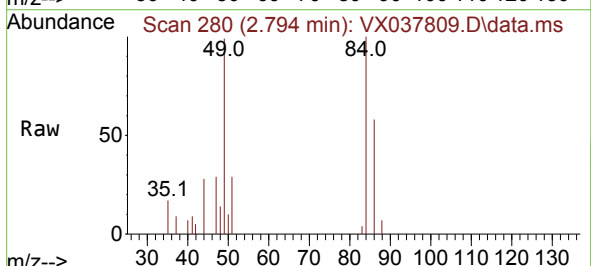
Instrument :
MSVOA_X
ClientSampleId :



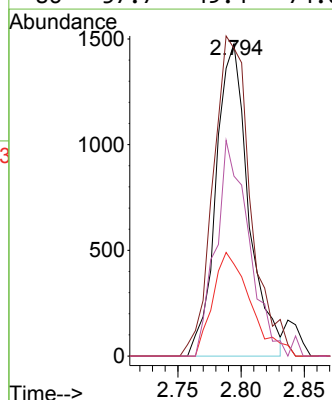
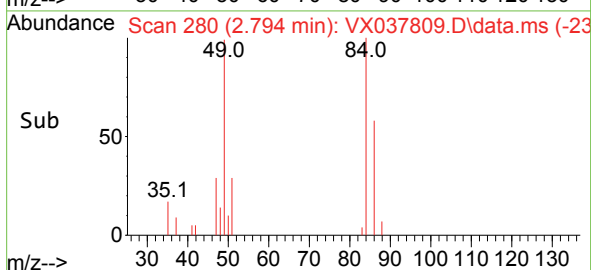
Tgt Ion: 43 Resp: 4022
Ion Ratio Lower Upper
43 100
58 34.9 21.9 32.9#

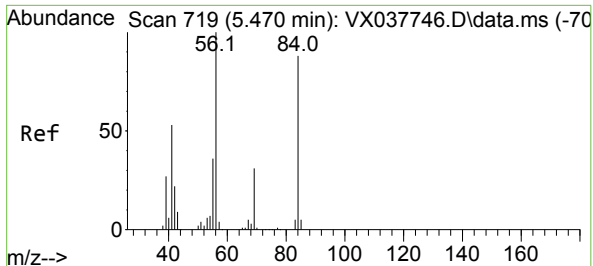


#20
Methylene Chloride
Concen: 0.958 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26



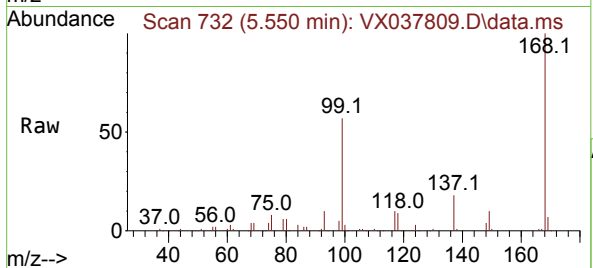
Tgt Ion: 84 Resp: 2647
Ion Ratio Lower Upper
84 100
49 98.6 103.6 155.4#
51 29.5 33.8 50.6#
86 57.7 49.4 74.0



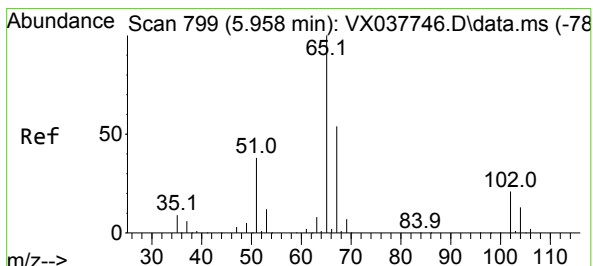
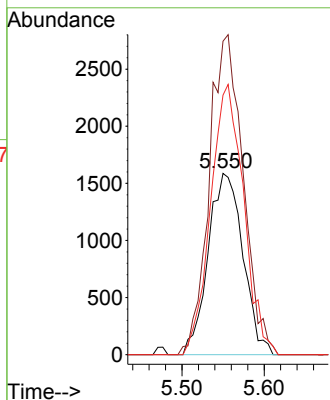
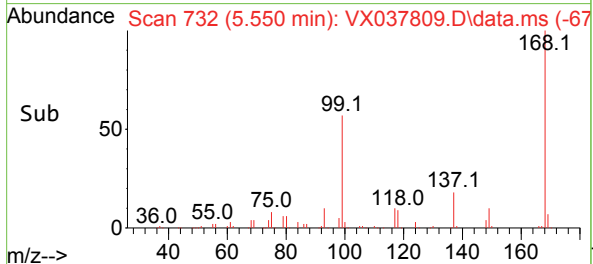


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :

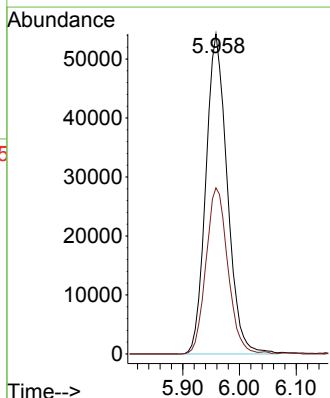
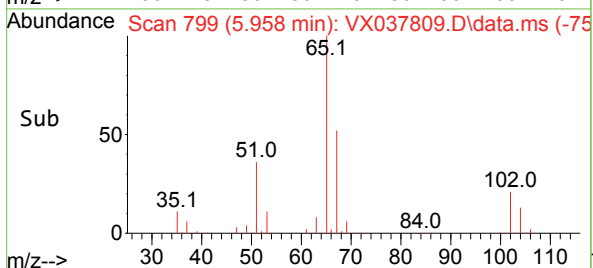
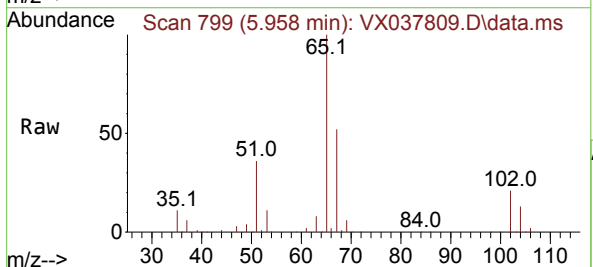


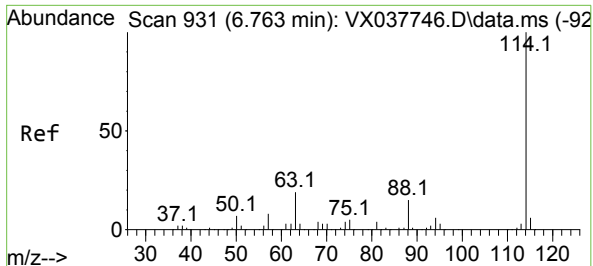
Tgt Ion: 56 Resp: 4672
Ion Ratio Lower Upper
56 100
69 172.9 23.4 35.2#
84 143.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.014 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

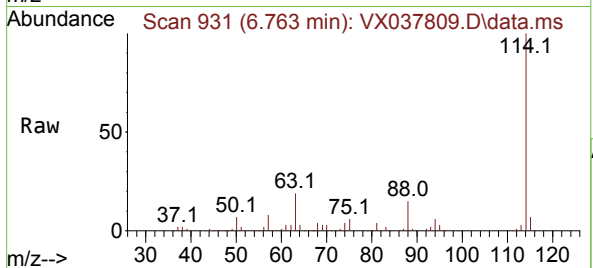
Tgt Ion: 65 Resp: 142321
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2



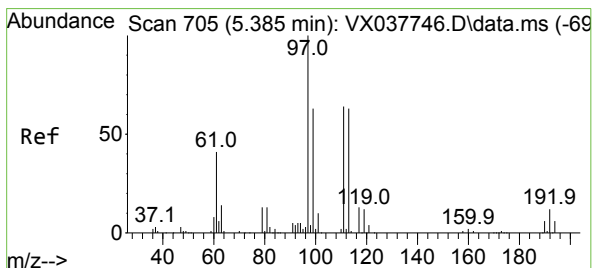
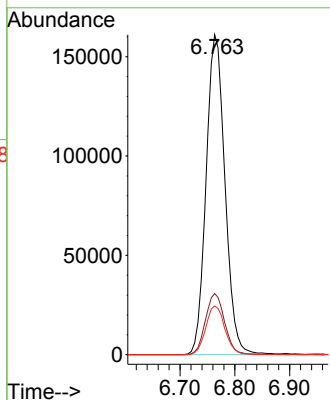
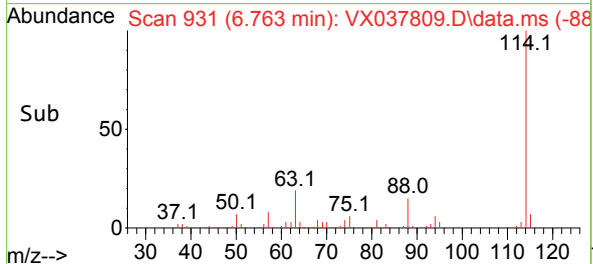


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

Instrument :
MSVOA_X
ClientSampleId :

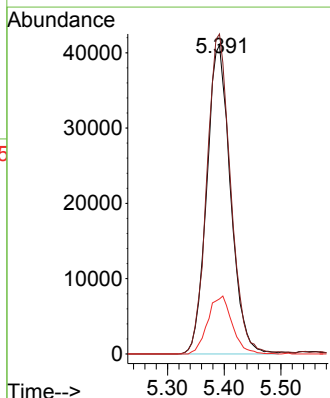
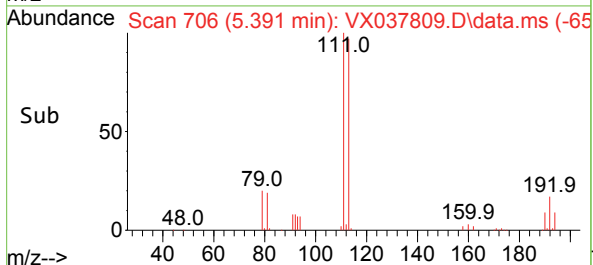
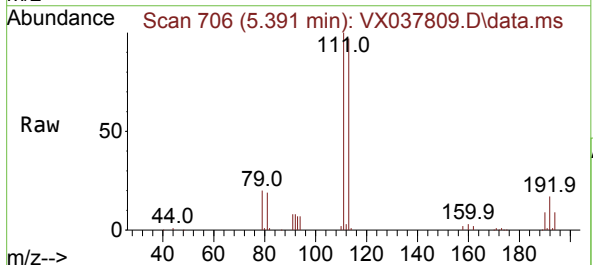


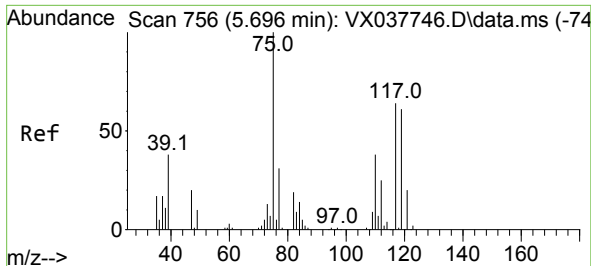
Tgt Ion:114 Resp: 384868
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.313 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

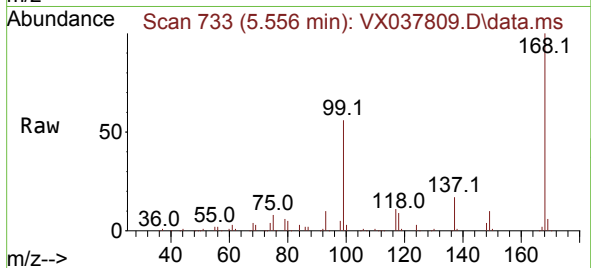
Tgt Ion:113 Resp: 119265
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.3 13.3 19.9



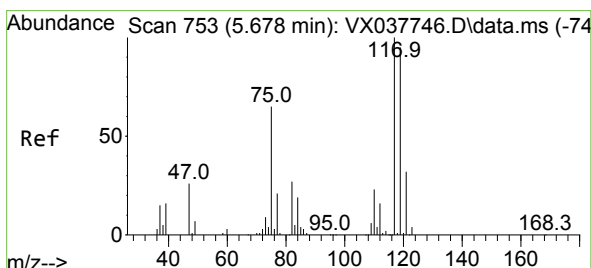
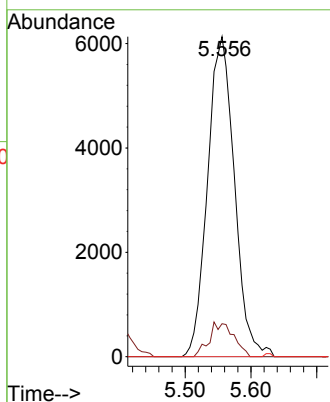
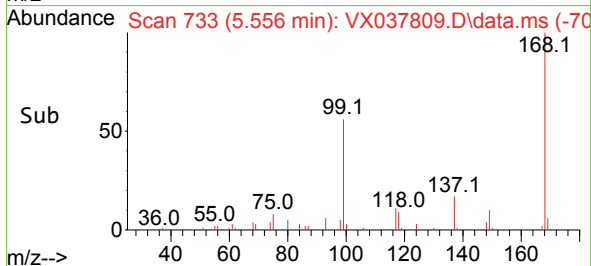


#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

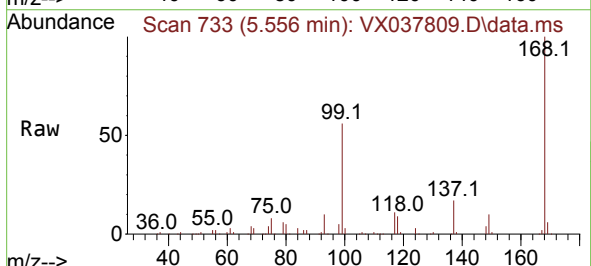
Instrument :
MSVOA_X
ClientSampleId :



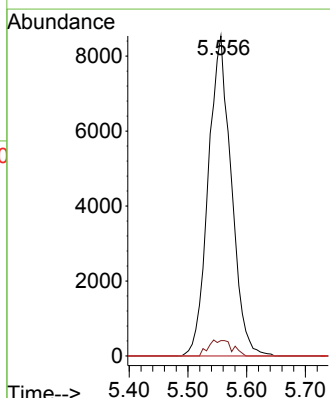
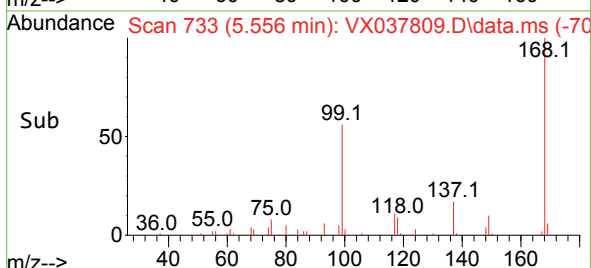
Tgt Ion: 75 Resp: 17438
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#

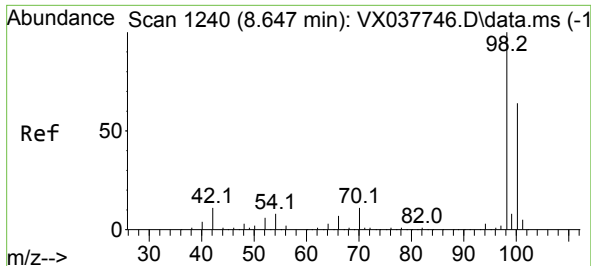


#38
Carbon Tetrachloride
Concen: 6.259 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26



Tgt Ion: 117 Resp: 23231
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

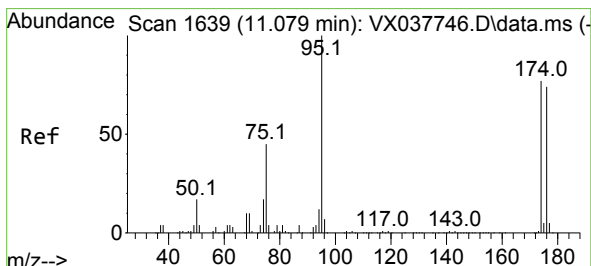
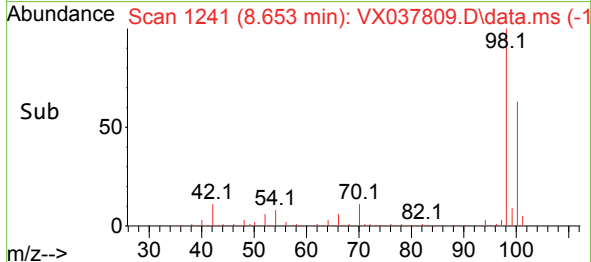
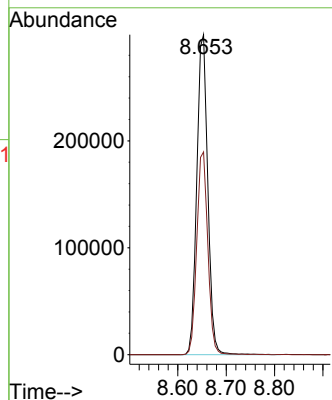
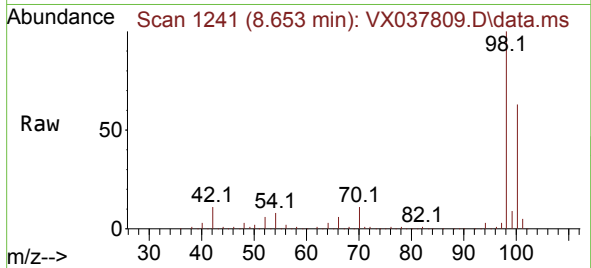




#50
Toluene-d8
Concen: 49.146 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

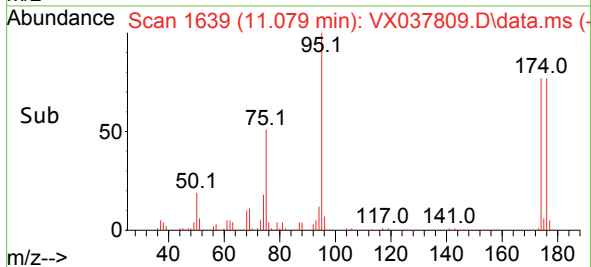
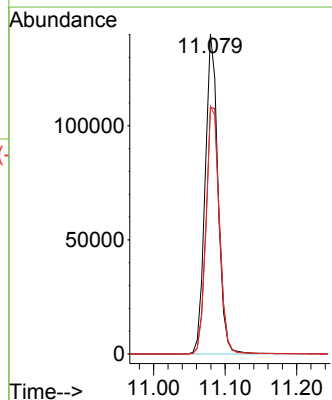
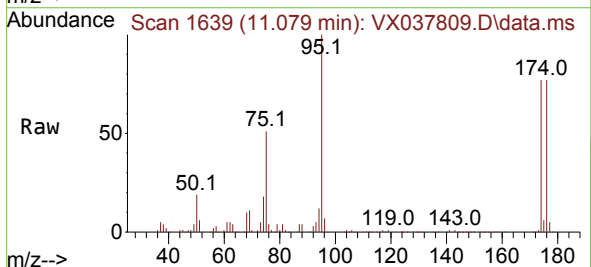
Instrument :
MSVOA_X
ClientSampleId :

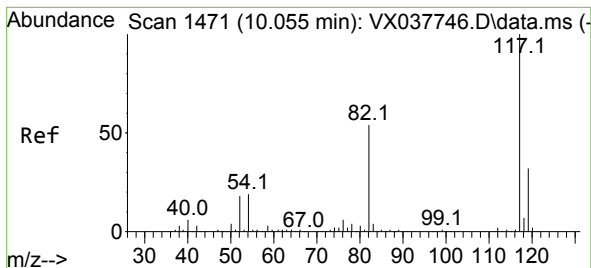
Tgt Ion: 98 Resp: 470247
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037809.D
Acq: 19 Sep 2023 16:26

Tgt Ion: 95 Resp: 174344
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 79.9 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: VX037809.D

Acq: 19 Sep 2023 16:26

Instrument :

MSVOA_X

ClientSampleId :

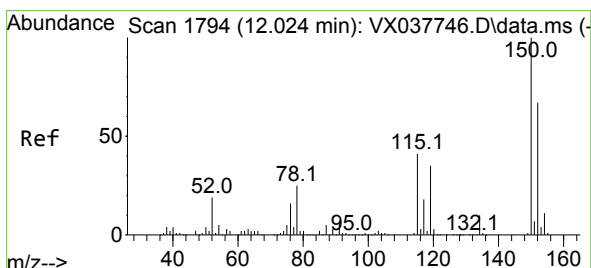
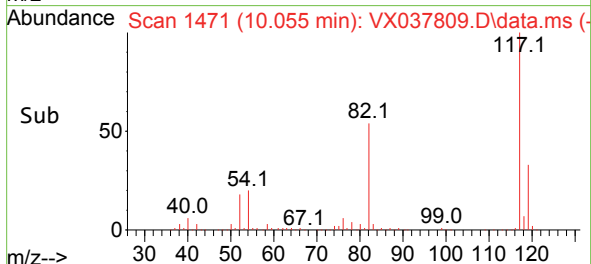
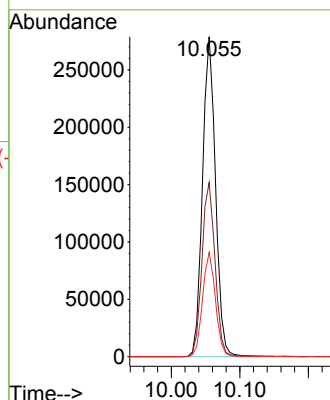
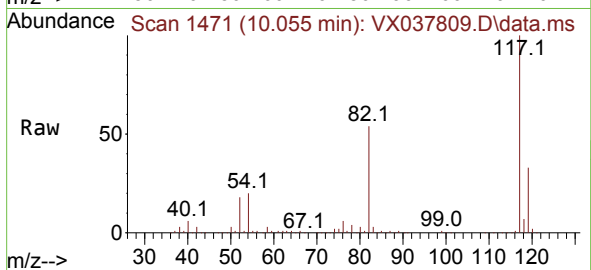
Tgt Ion:117 Resp: 369613

Ion Ratio Lower Upper

117 100

82 54.4 46.2 69.4

119 32.6 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: VX037809.D

Acq: 19 Sep 2023 16:26

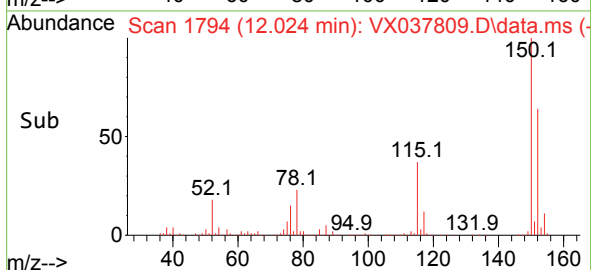
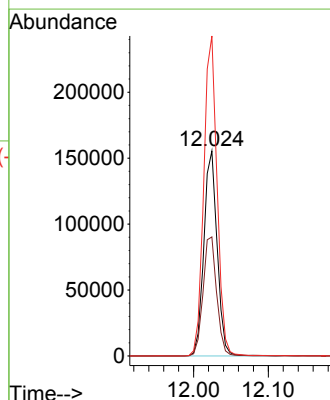
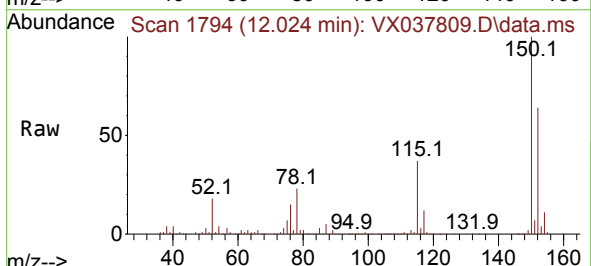
Tgt Ion:152 Resp: 191880

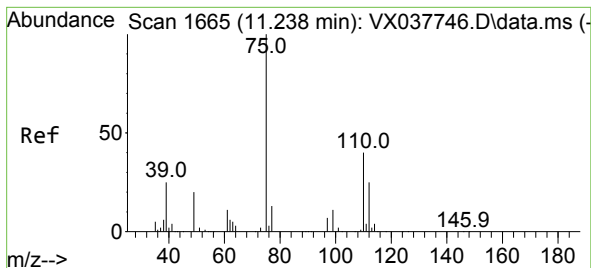
Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.691 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037809.D

Acq: 19 Sep 2023 16:26

Instrument :

MSVOA_X

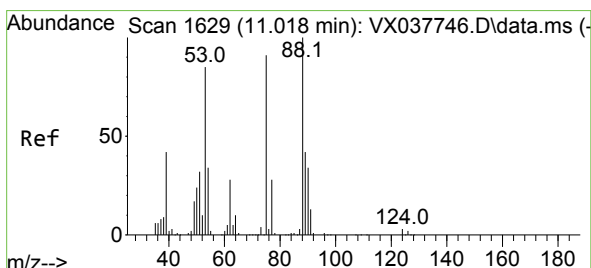
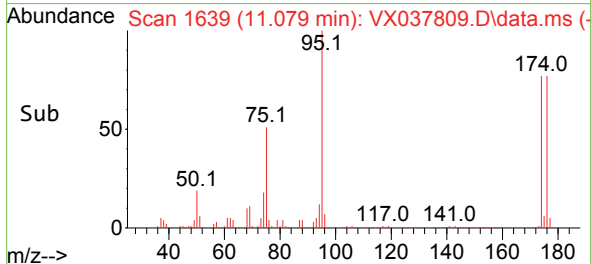
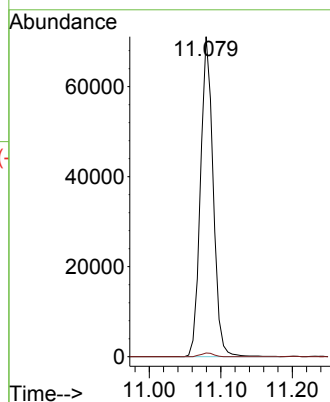
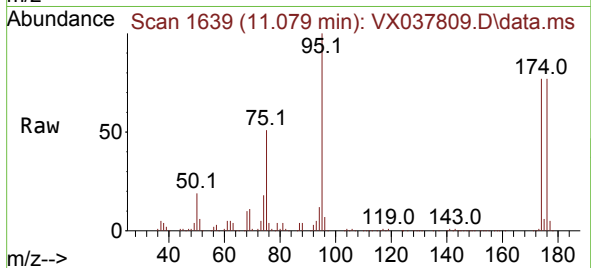
ClientSampleId :

Tgt Ion: 75 Resp: 87387

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.076 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037809.D

Acq: 19 Sep 2023 16:26

Tgt Ion: 75 Resp: 87387

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

