

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037788.D
 Acq On : 18 Sep 2023 19:56
 Operator : JC/MD
 Sample : 04408-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 19 07:26:03 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	243926	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	404235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147945	46.163	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	92.320%	
35) Dibromofluoromethane	5.391	113	124921	46.186	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.380%	
50) Toluene-d8	8.653	98	493701	49.125	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.260%	
62) 4-Bromofluorobenzene	11.079	95	186253	51.001	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.000%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	633	0.257	ug/l	90
11) Tert butyl alcohol	2.965	59	249	0.362	ug/l	# 78
16) Acetone	2.380	43	2874	1.864	ug/l	94
31) Cyclohexane	5.556	56	4890	1.189	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18445	4.950	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	23858	6.120	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	95649	20.350	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	95649	65.188	ug/l	# 5

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

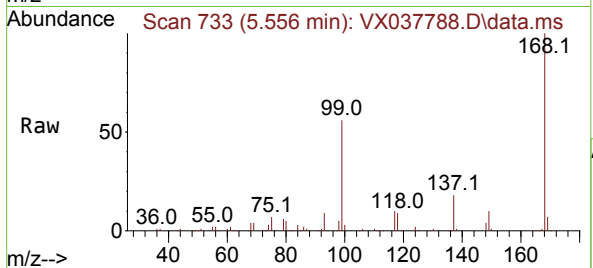
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



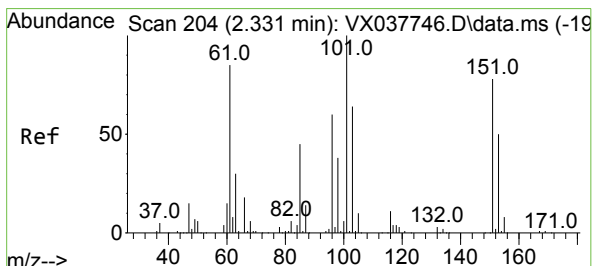
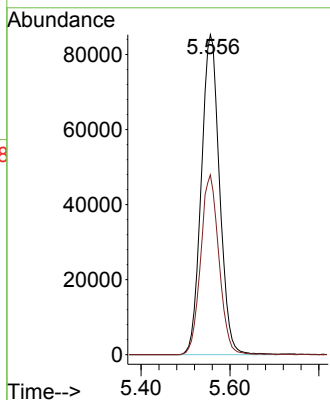
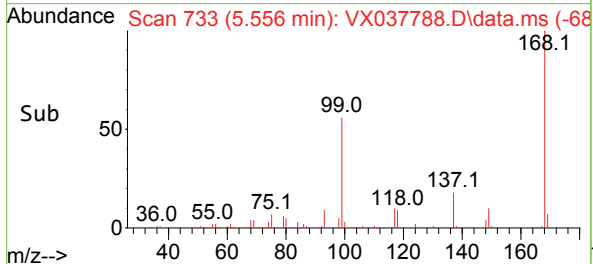


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

Instrument :
MSVOA_X
ClientSampleId :

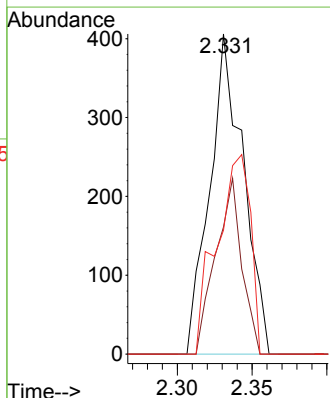
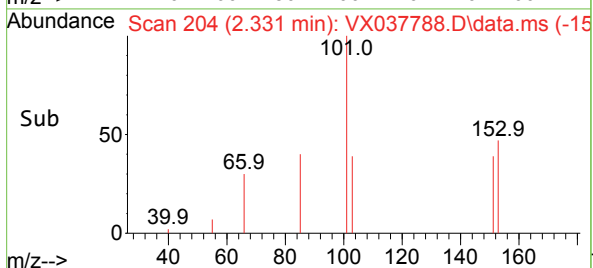
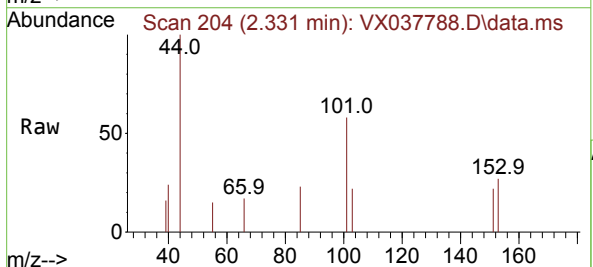


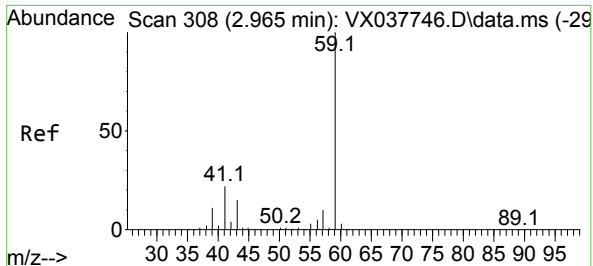
Tgt Ion:168 Resp: 243926
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.257 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

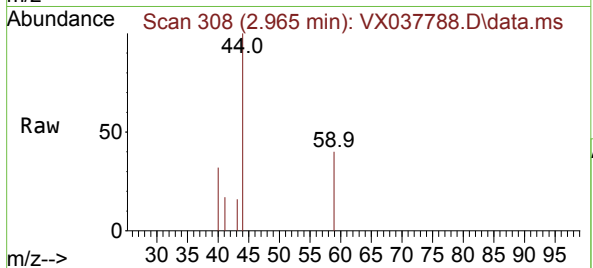
Tgt Ion:101 Resp: 633
Ion Ratio Lower Upper
101 100
85 42.7 37.0 55.6
151 62.6 58.6 87.8



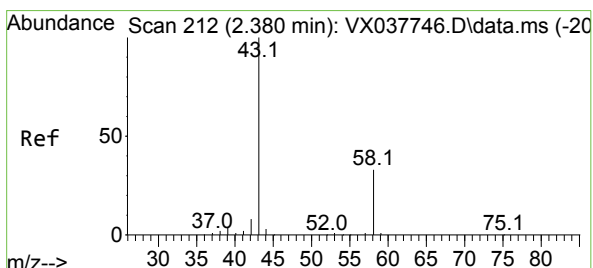
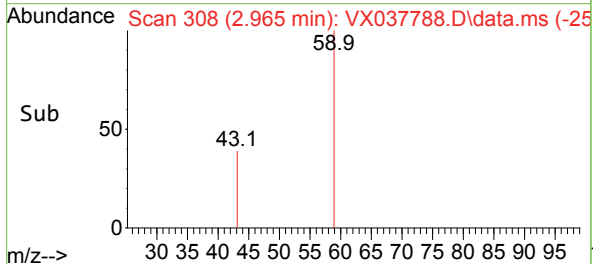
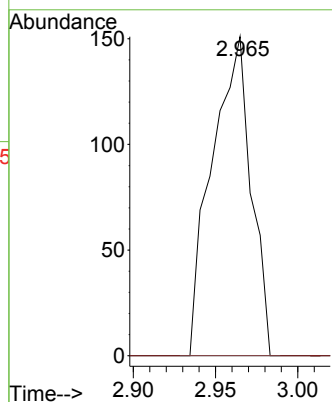


#11
Tert butyl alcohol
Concen: 0.362 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

Instrument :
MSVOA_X
ClientSampleId :

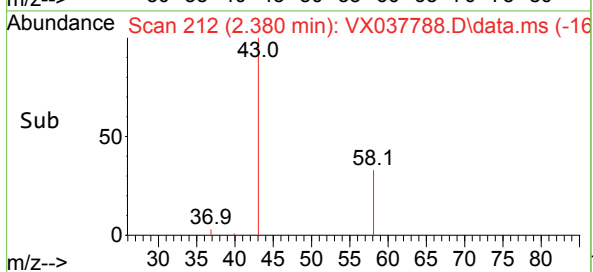
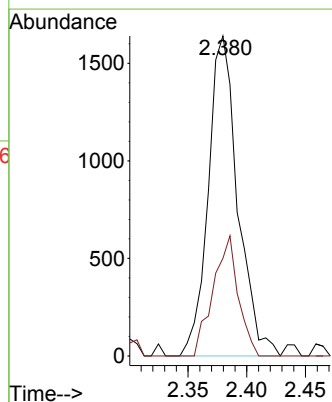
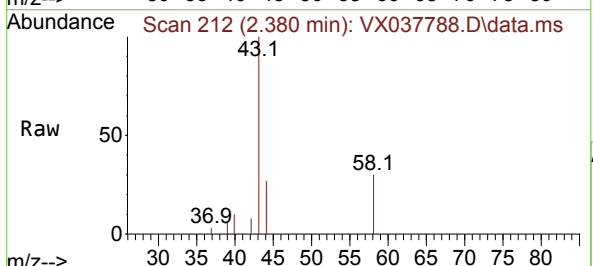


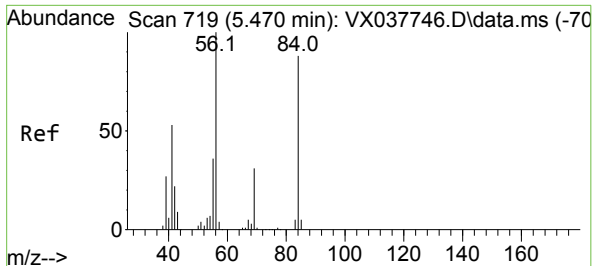
Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.864 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

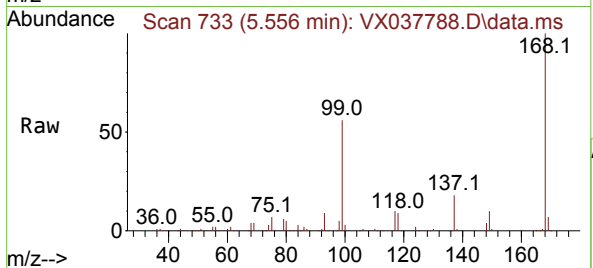
Tgt Ion: 43 Resp: 2874
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9



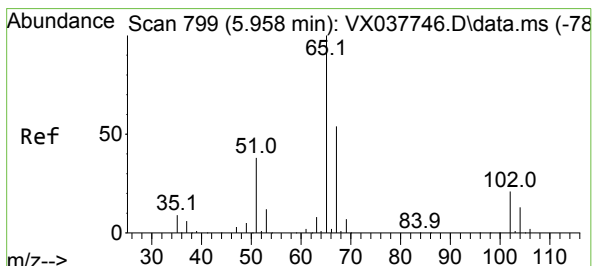
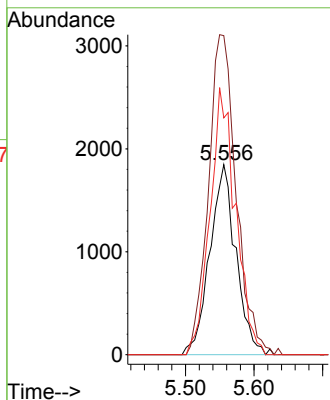
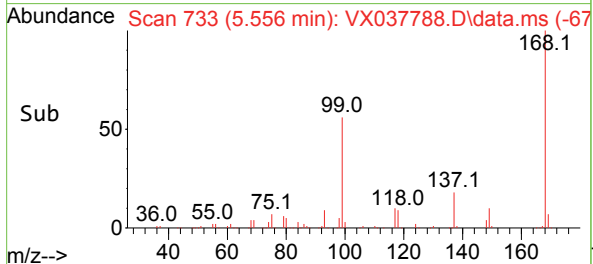


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

Instrument :
MSVOA_X
ClientSampleId :

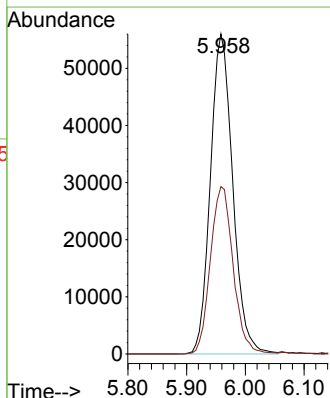
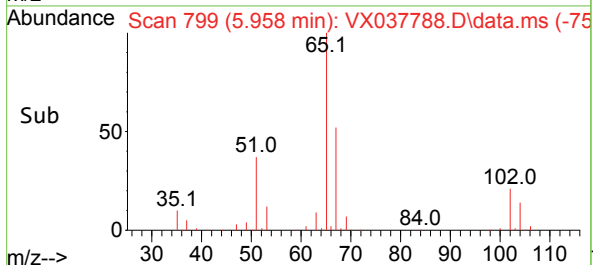
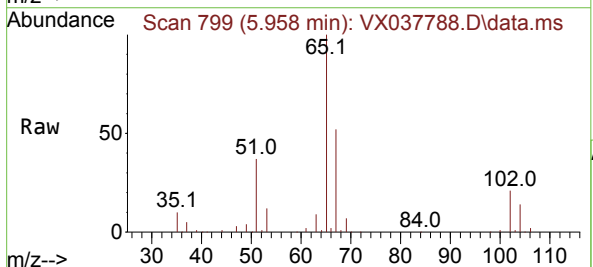


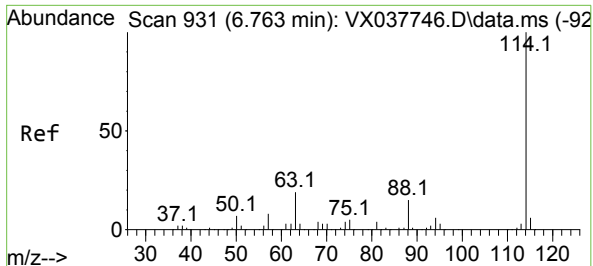
Tgt Ion: 56 Resp: 4890
Ion Ratio Lower Upper
56 100
69 167.8 23.4 35.2#
84 124.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.163 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

Tgt Ion: 65 Resp: 147945
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2

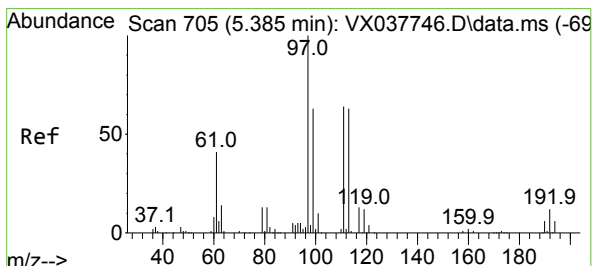
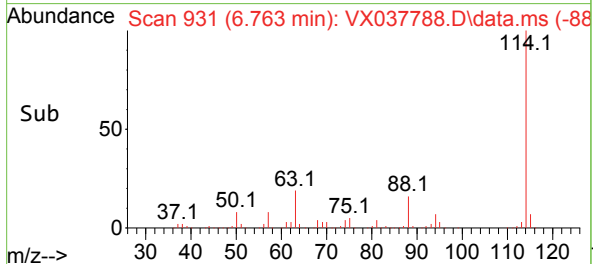
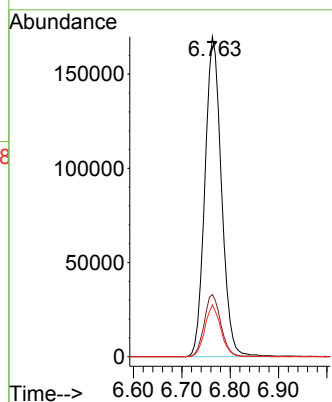
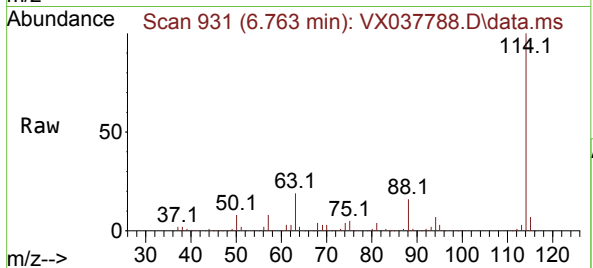




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

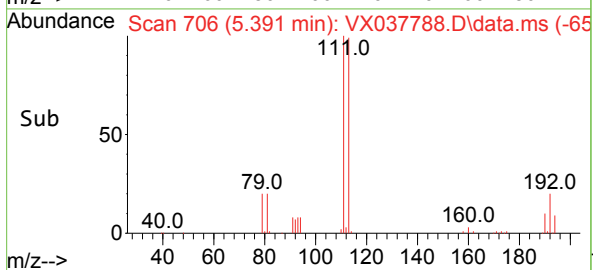
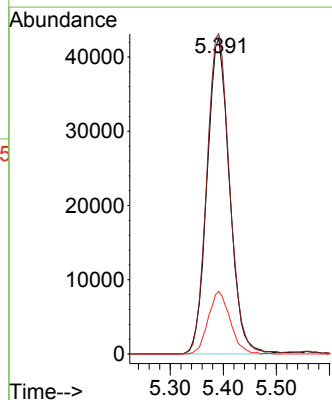
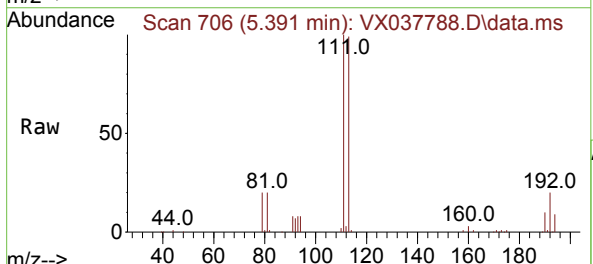
Instrument :
MSVOA_X
ClientSampleId :

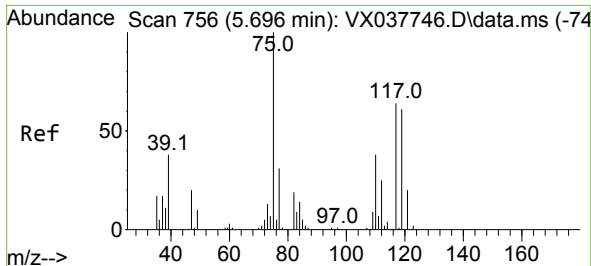
Tgt Ion:114 Resp: 404235
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.186 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

Tgt Ion:113 Resp: 124921
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.3 13.3 19.9

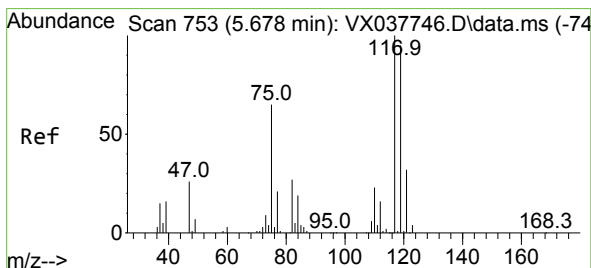
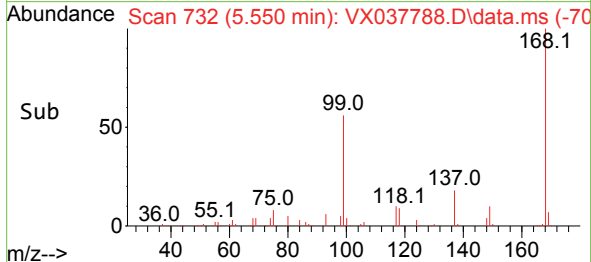
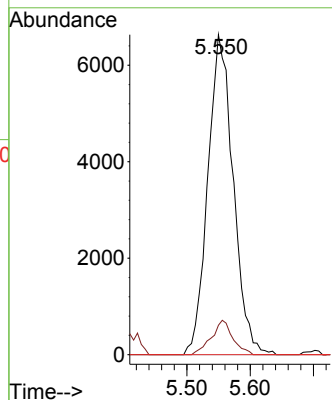
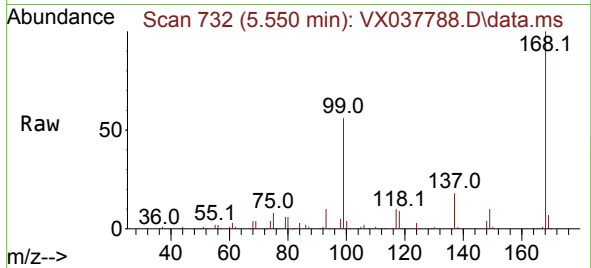




#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

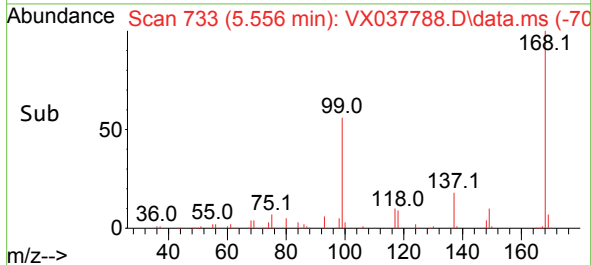
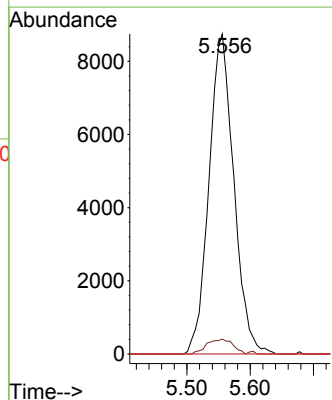
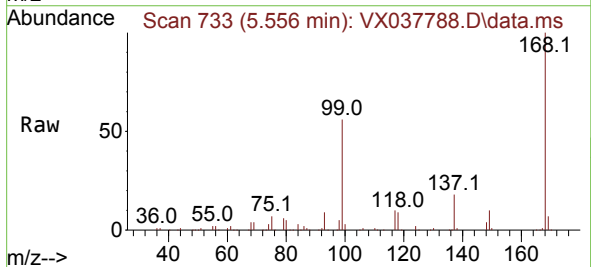
Instrument :
MSVOA_X
ClientSampleId :

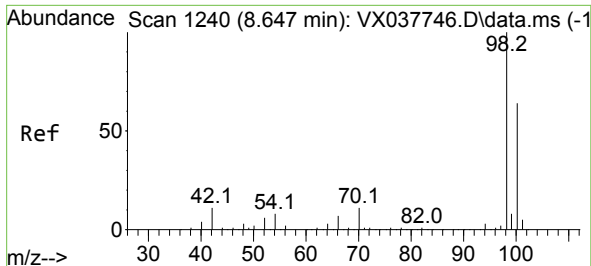
Tgt Ion: 75 Resp: 18445
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

Tgt Ion: 117 Resp: 23858
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

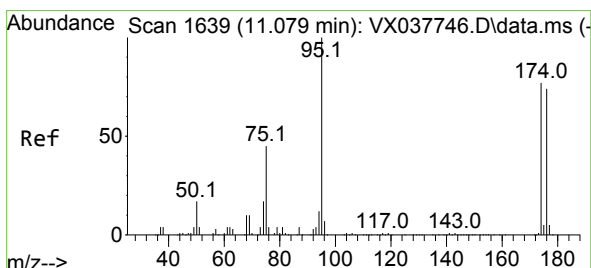
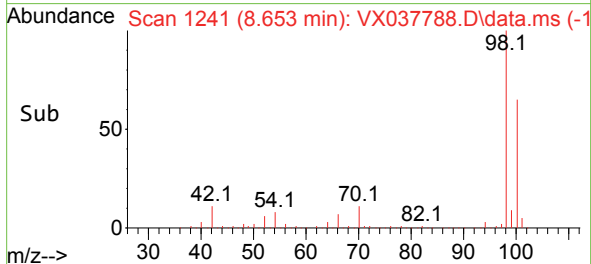
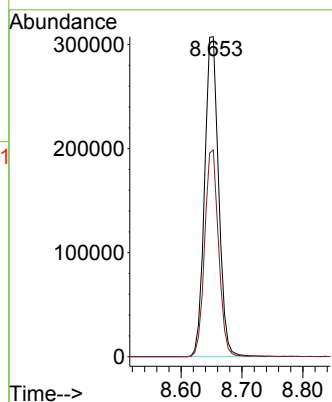
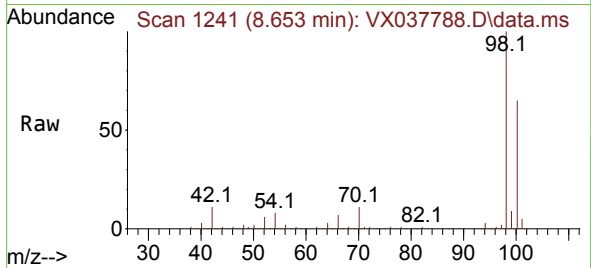




#50
Toluene-d8
Concen: 49.125 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

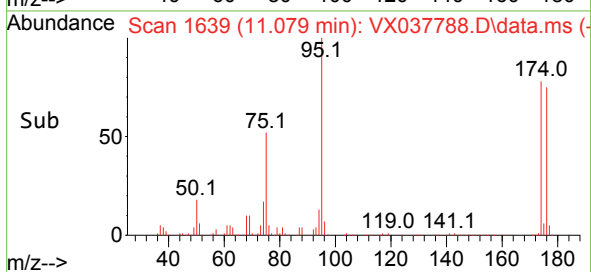
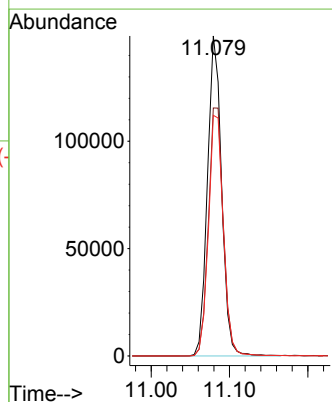
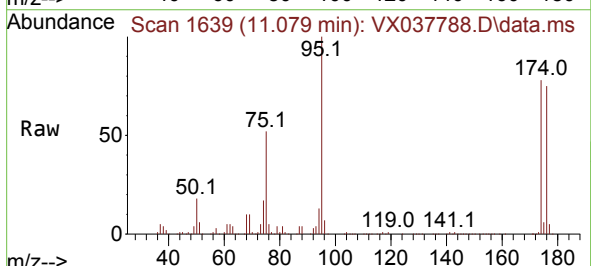
Instrument :
MSVOA_X
ClientSampleId :

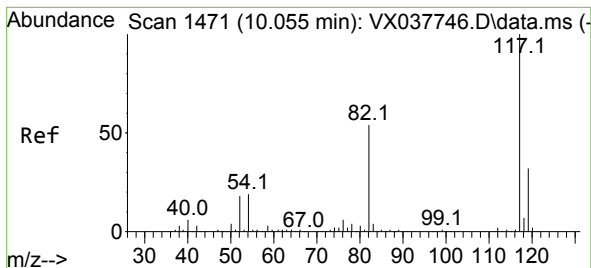
Tgt Ion: 98 Resp: 493701
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.001 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037788.D
Acq: 18 Sep 2023 19:56

Tgt Ion: 95 Resp: 186253
Ion Ratio Lower Upper
95 100
174 82.3 0.0 135.6
176 79.4 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: VX037788.D

Acq: 18 Sep 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

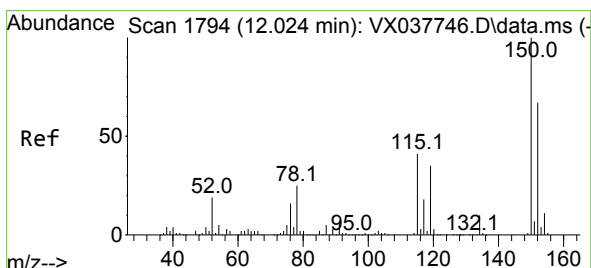
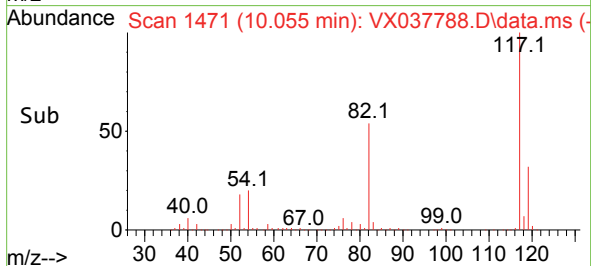
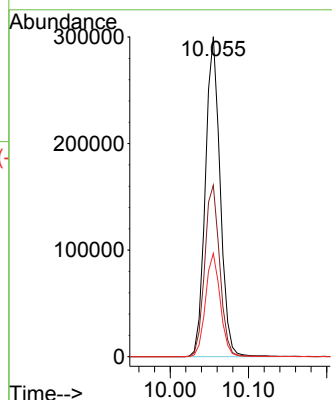
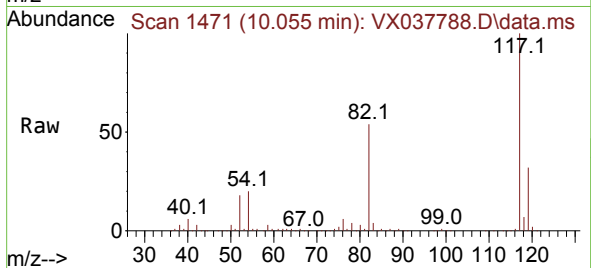
Tgt Ion:117 Resp: 392590

Ion Ratio Lower Upper

117 100

82 53.6 46.2 69.4

119 32.3 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: VX037788.D

Acq: 18 Sep 2023 19:56

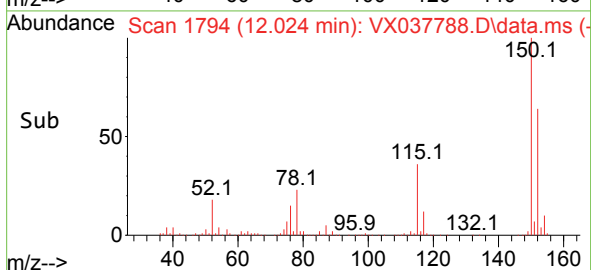
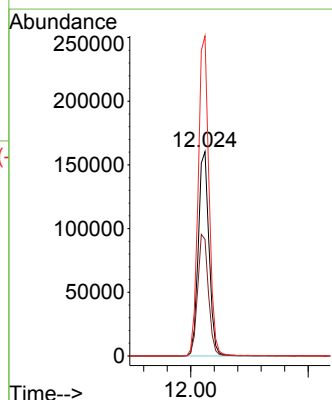
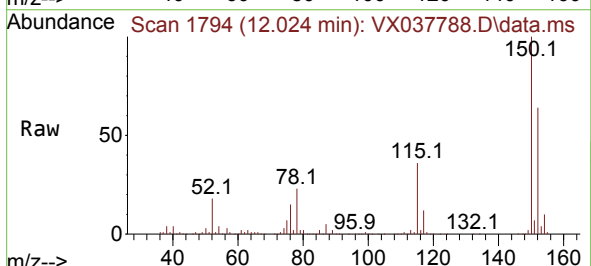
Tgt Ion:152 Resp: 203218

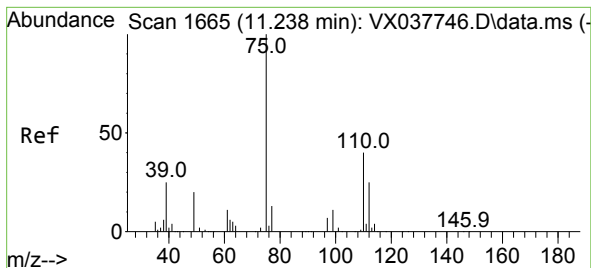
Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 157.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.350 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037788.D

Acq: 18 Sep 2023 19:56

Instrument :

MSVOA_X

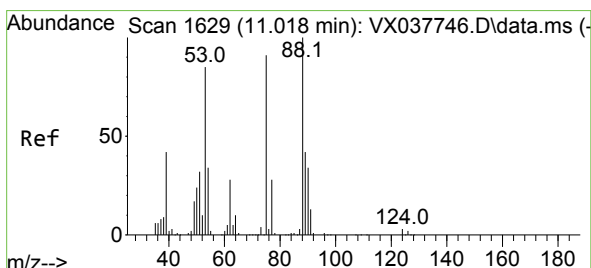
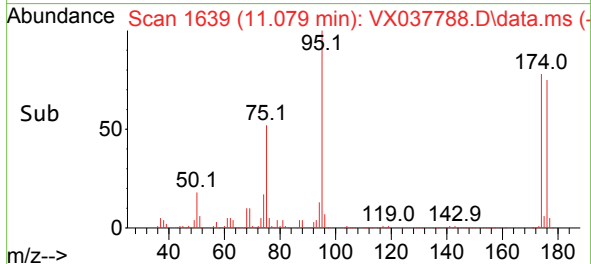
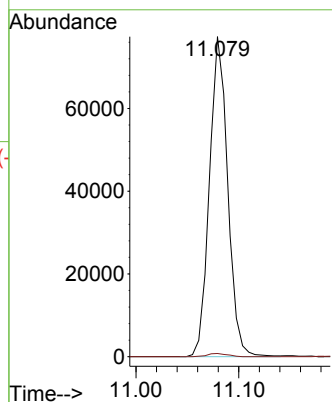
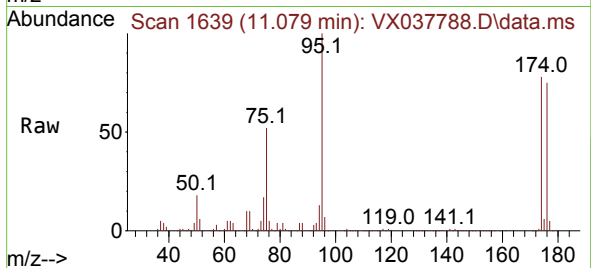
ClientSampleId :

Tgt Ion: 75 Resp: 95649

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.188 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037788.D

Acq: 18 Sep 2023 19:56

Tgt Ion: 75 Resp: 95649

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

