

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037787.D
 Acq On : 18 Sep 2023 19:33
 Operator : JC/MD
 Sample : 04408-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

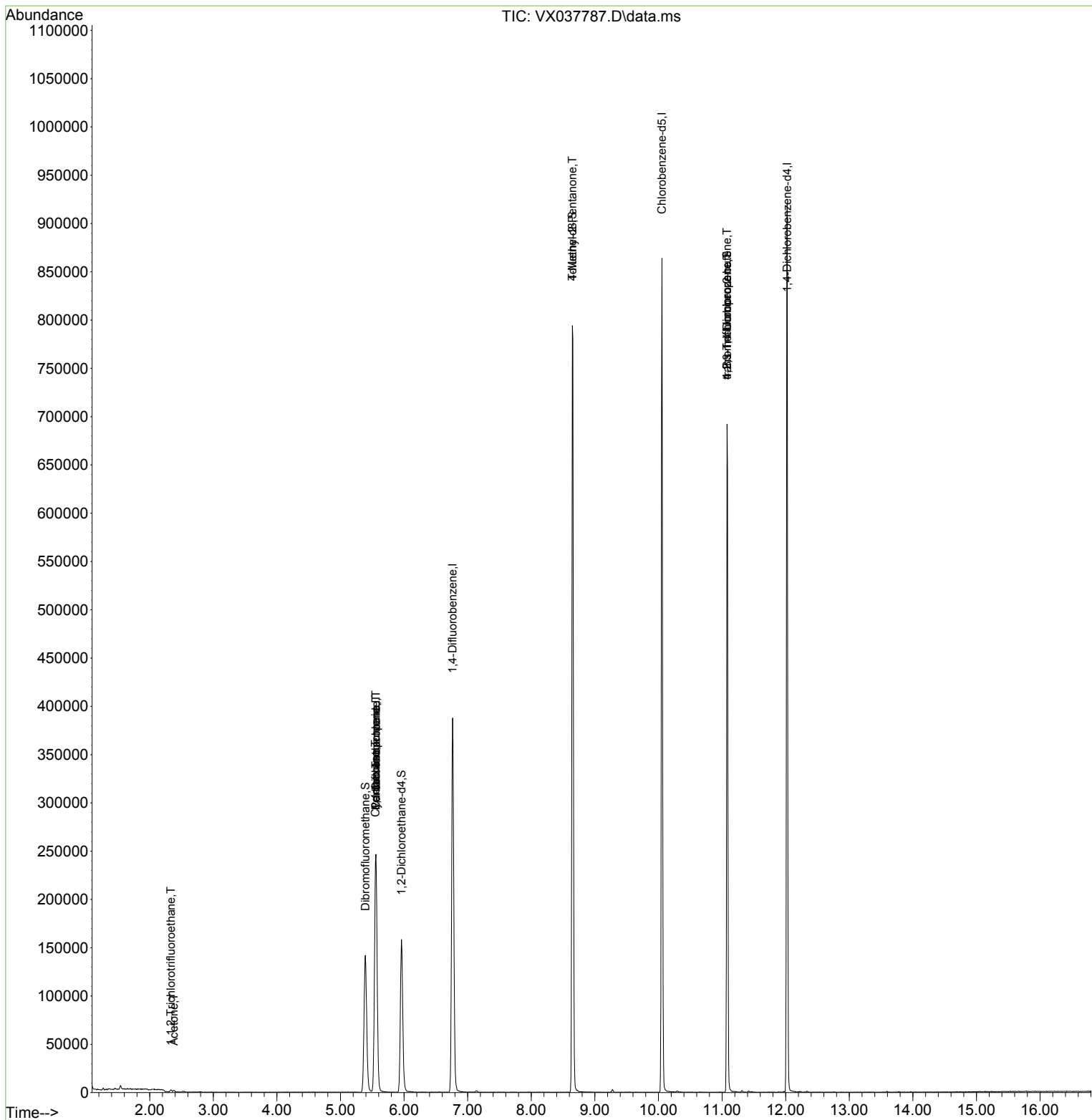
Quant Time: Sep 19 07:25:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	239187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149029	47.423	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.840%		
35) Dibromofluoromethane	5.391	113	123356	45.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.800%		
50) Toluene-d8	8.647	98	494336	48.965	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.920%		
62) 4-Bromofluorobenzene	11.079	95	184202	50.210	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.420%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.331	101	977	0.405	ug/l	96
16) Acetone	2.380	43	2034	1.345	ug/l #	82
31) Cyclohexane	5.550	56	5229	1.296	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18659	4.985	ug/l #	51
38) Carbon Tetrachloride	5.556	117	24458	6.245	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1979	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	93182	20.344	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	93182	65.168	ug/l #	5

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

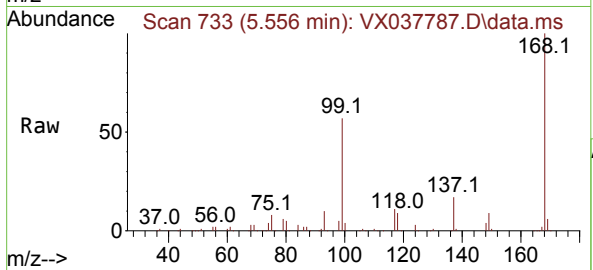
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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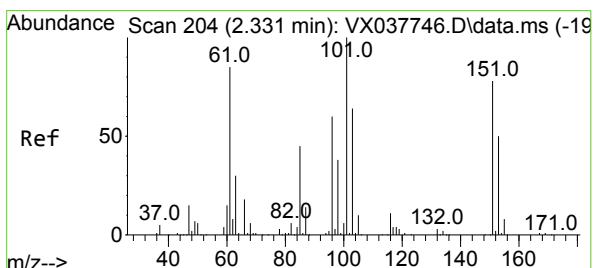
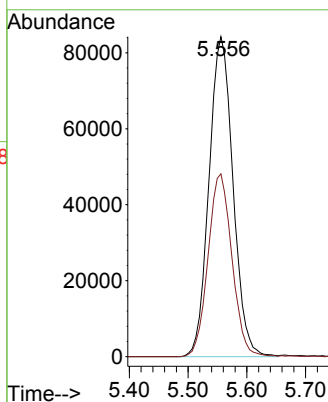
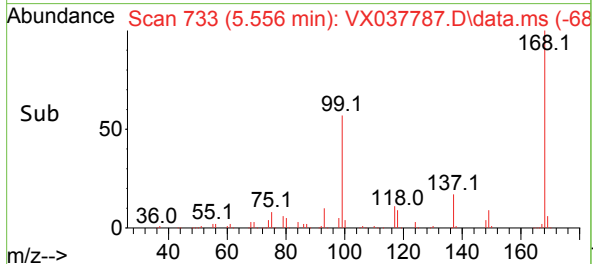


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

Instrument :
MSVOA_X
ClientSampleId :

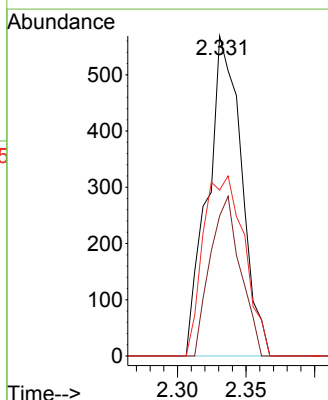
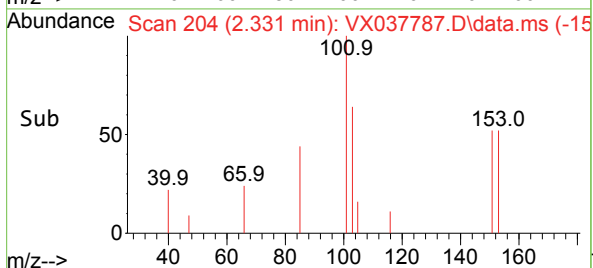
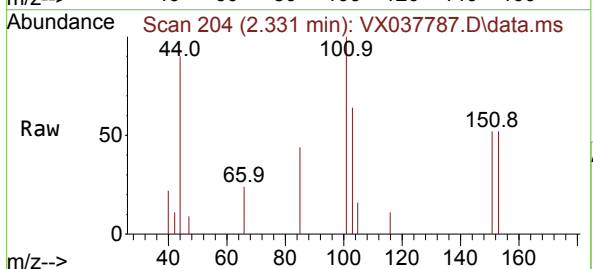


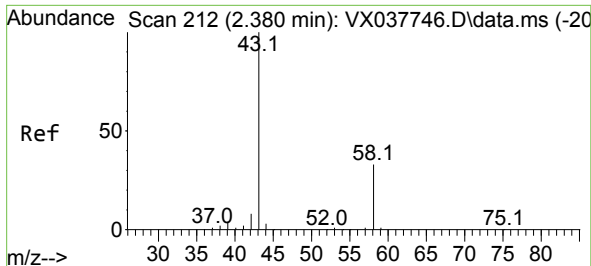
Tgt Ion:168 Resp: 239187
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.405 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

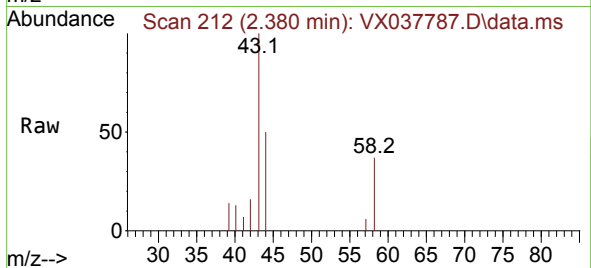
Tgt Ion:101 Resp: 977
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 68.5 58.6 87.8



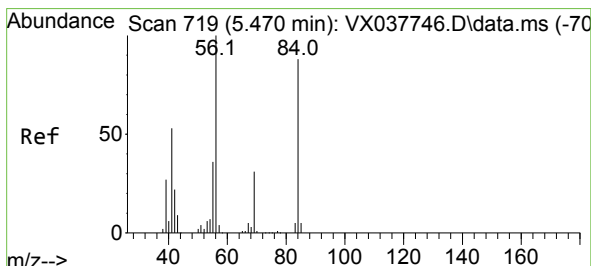
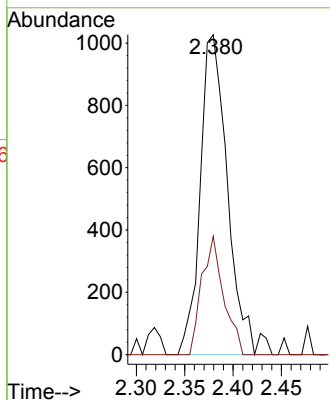
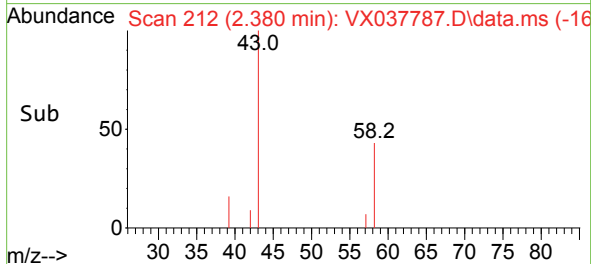


#16
Acetone
Concen: 1.345 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

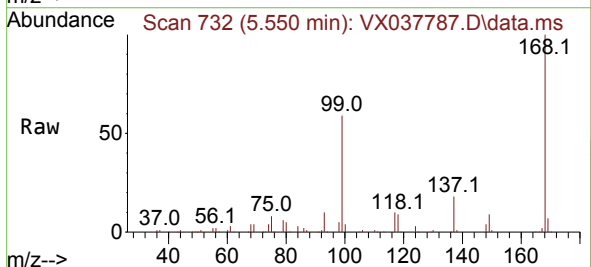
Instrument :
MSVOA_X
ClientSampleId :



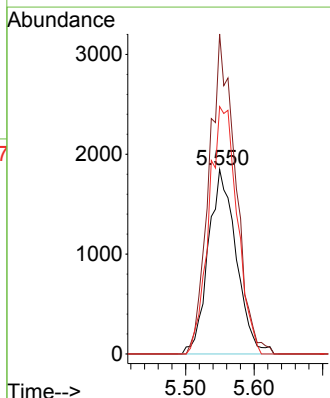
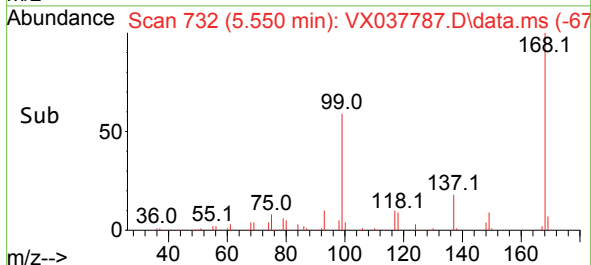
Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
58 37.0 21.9 32.9#

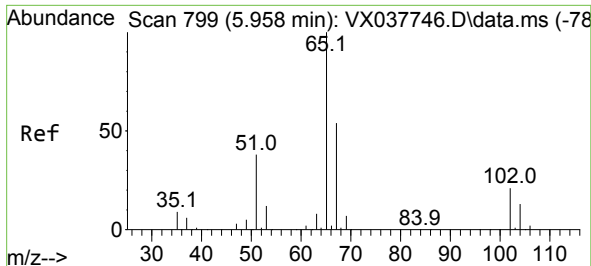


#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33



Tgt Ion: 56 Resp: 5229
Ion Ratio Lower Upper
56 100
69 173.5 23.4 35.2#
84 134.1 65.9 98.9#

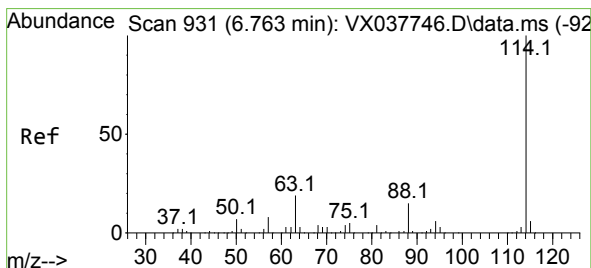
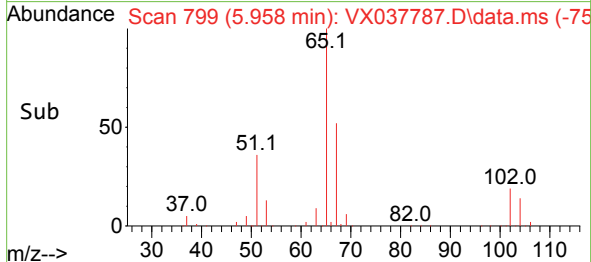
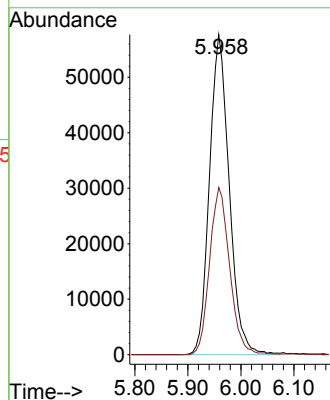
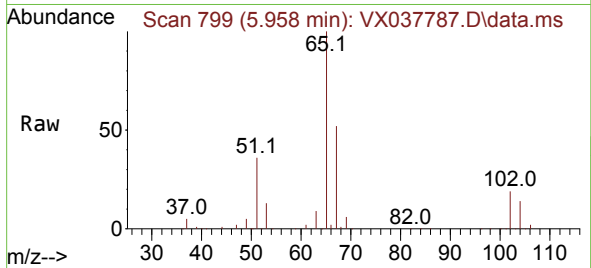




#33
1,2-Dichloroethane-d4
Concen: 47.423 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

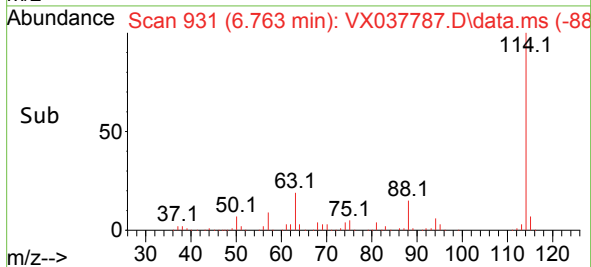
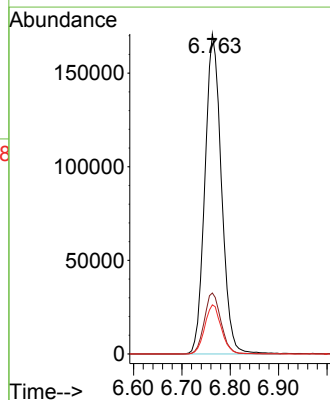
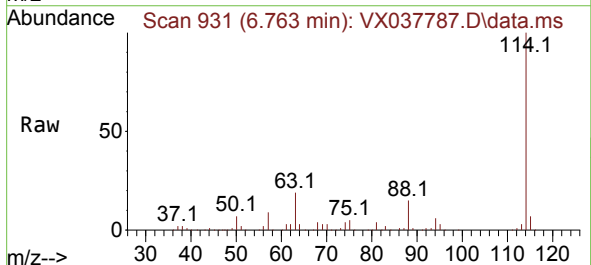
Instrument :
MSVOA_X
ClientSampleId :

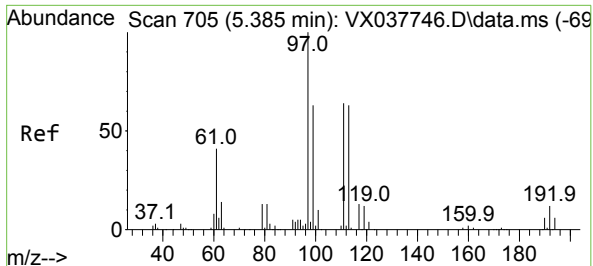
Tgt Ion: 65 Resp: 149029
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

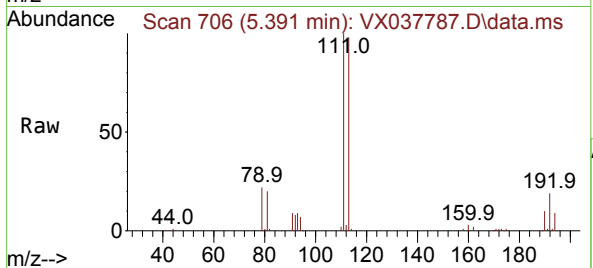
Tgt Ion: 114 Resp: 406081
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.3 0.0 36.6



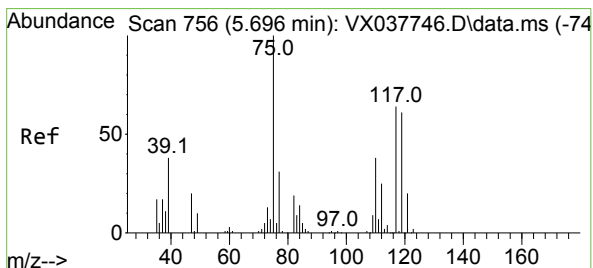
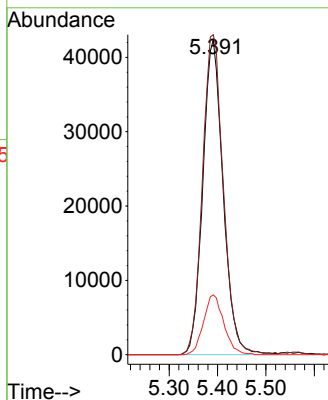
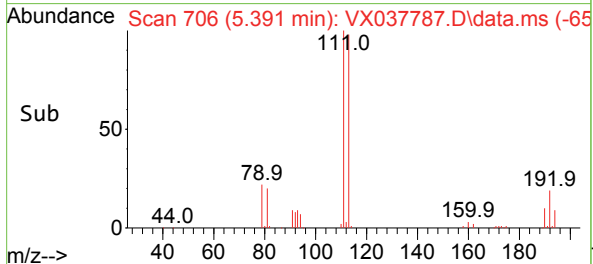


#35
Dibromofluoromethane
Concen: 45.400 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

Instrument :
MSVOA_X
ClientSampleId :

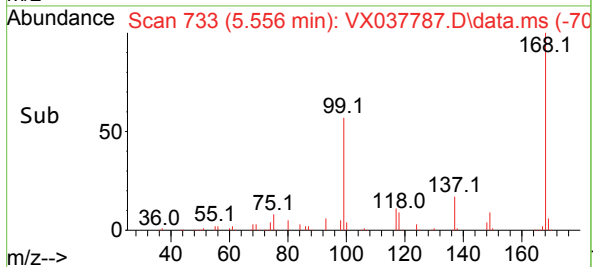
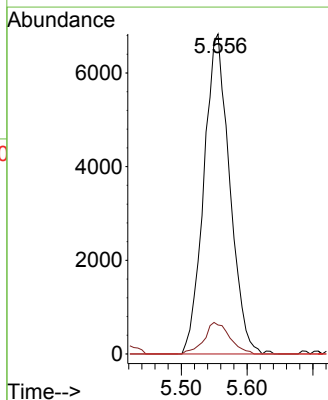
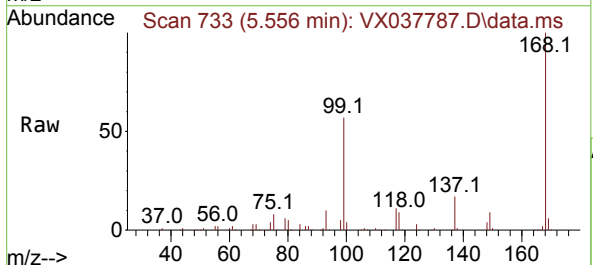


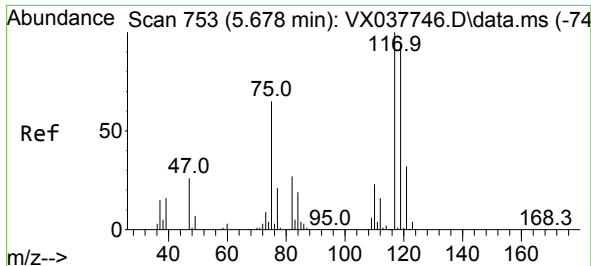
Tgt Ion:113 Resp: 123356
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.985 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

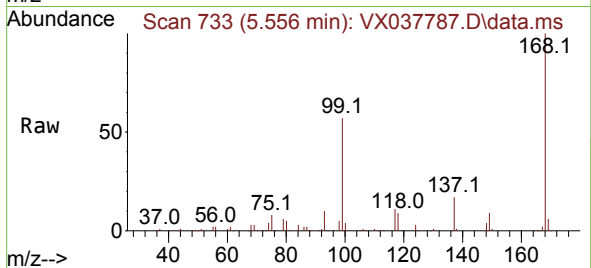
Tgt Ion: 75 Resp: 18659
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



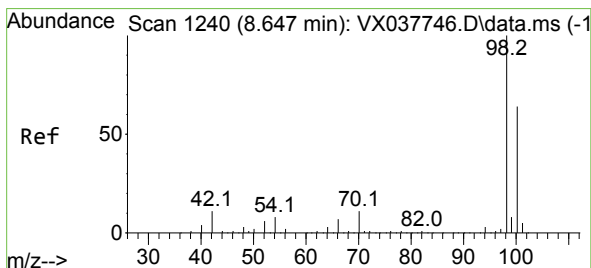
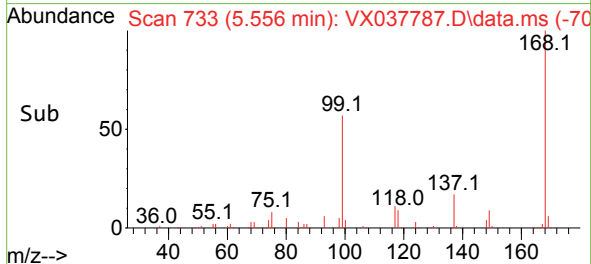
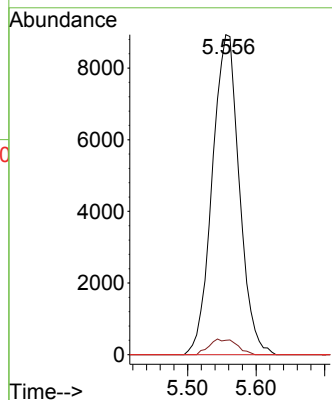


#38
Carbon Tetrachloride
Concen: 6.245 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

Instrument :
MSVOA_X
ClientSampleId :

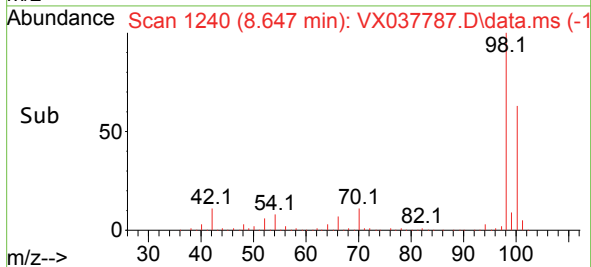
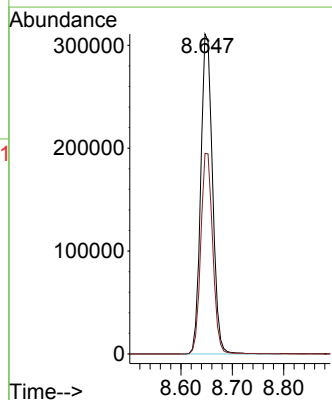
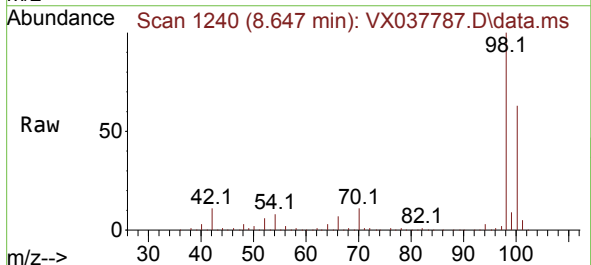


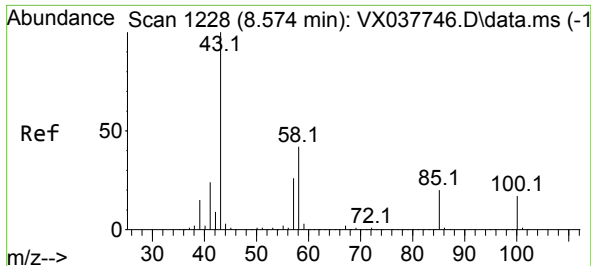
Tgt Ion:117 Resp: 24458
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.965 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

Tgt Ion: 98 Resp: 494336
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

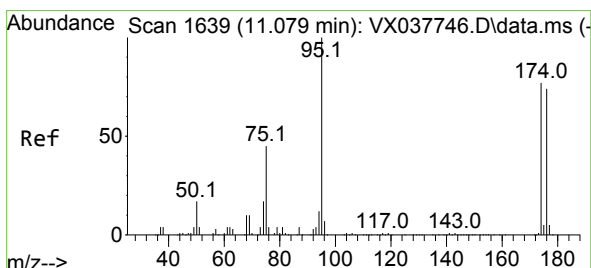
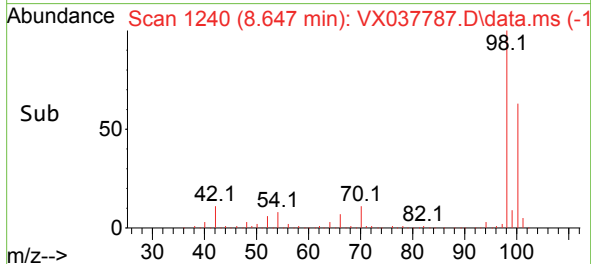
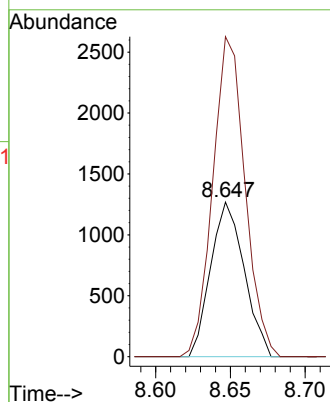
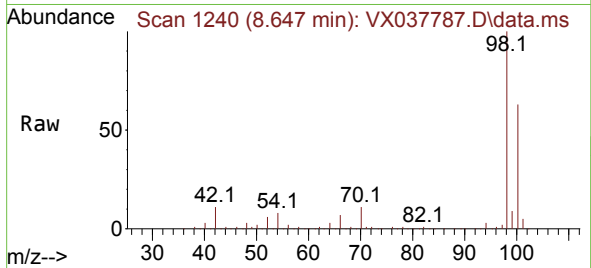




#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

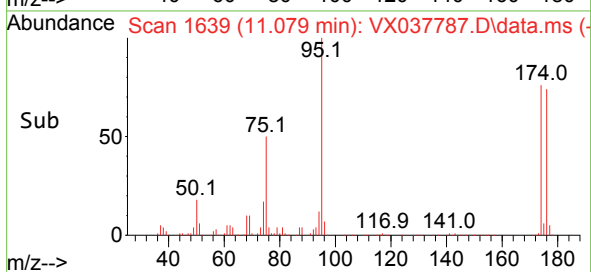
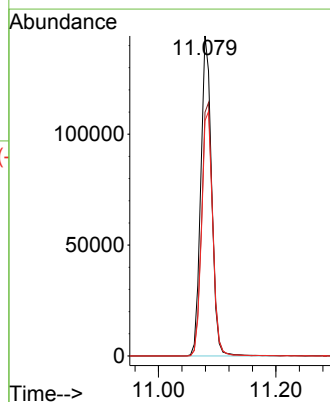
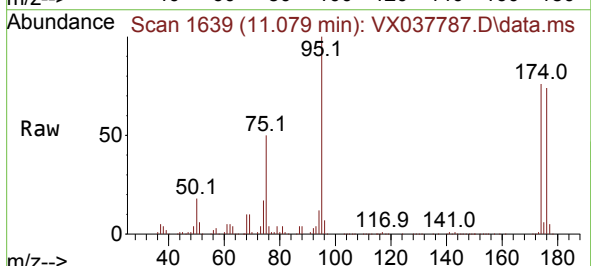
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MSVOA_X
ClientSampleId :

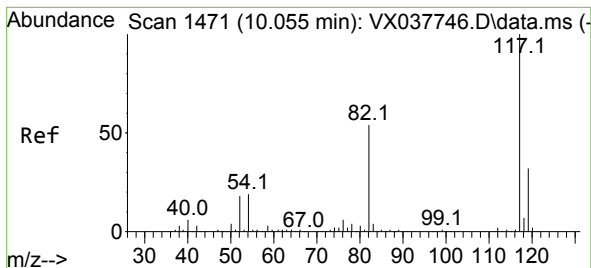
Tgt Ion: 43 Resp: 1979
Ion Ratio Lower Upper
43 100
58 199.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.210 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037787.D
Acq: 18 Sep 2023 19:33

Tgt Ion: 95 Resp: 184202
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 78.5 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: VX037787.D

Acq: 18 Sep 2023 19:33

Instrument :

MSVOA_X

ClientSampleId :

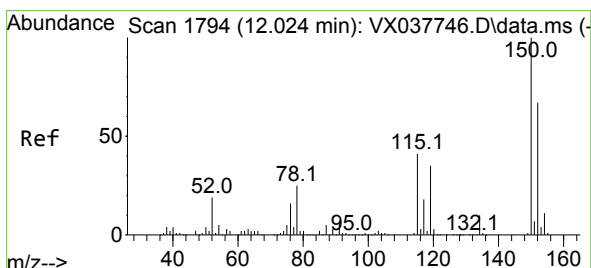
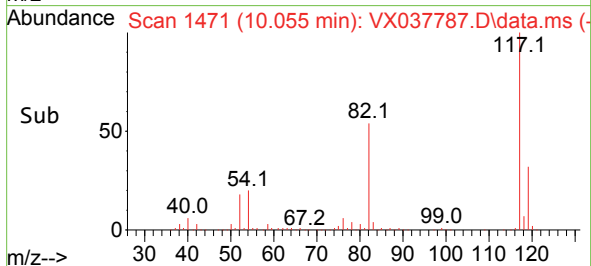
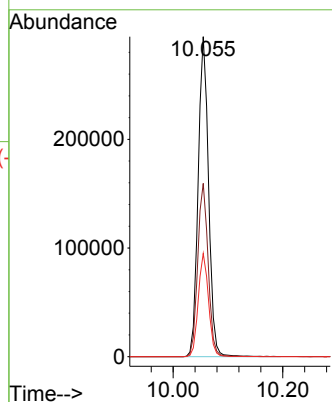
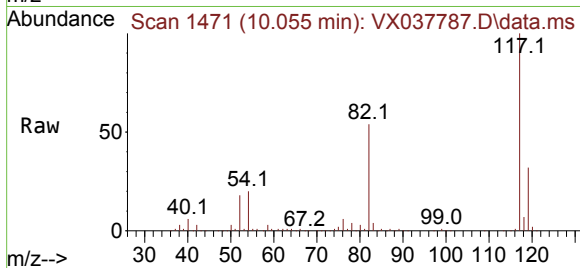
Tgt Ion:117 Resp: 389801

Ion Ratio Lower Upper

117 100

82 54.1 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: VX037787.D

Acq: 18 Sep 2023 19:33

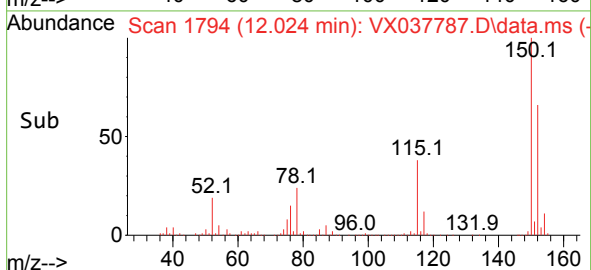
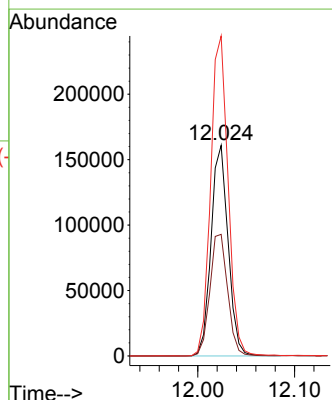
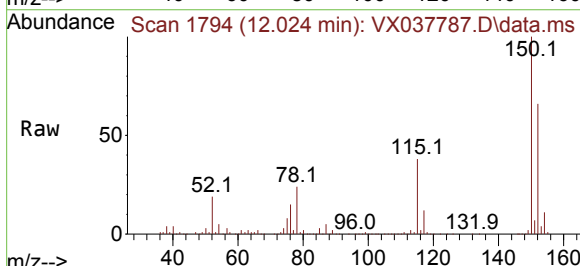
Tgt Ion:152 Resp: 198037

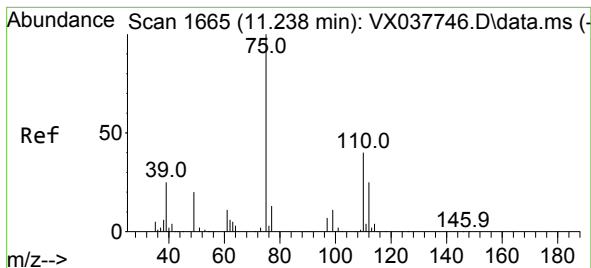
Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 155.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.344 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037787.D

Acq: 18 Sep 2023 19:33

Instrument :

MSVOA_X

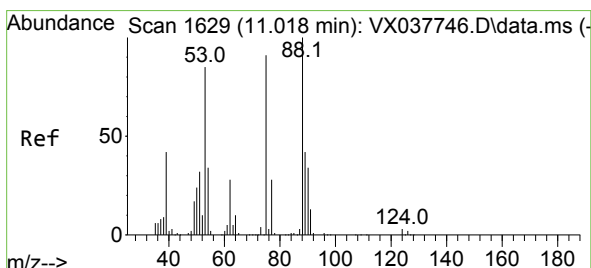
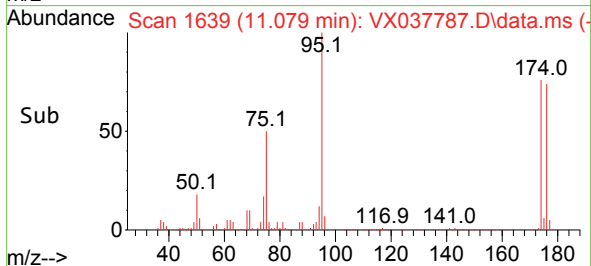
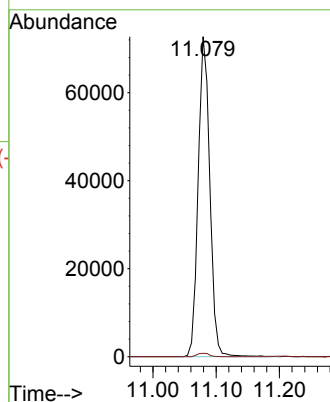
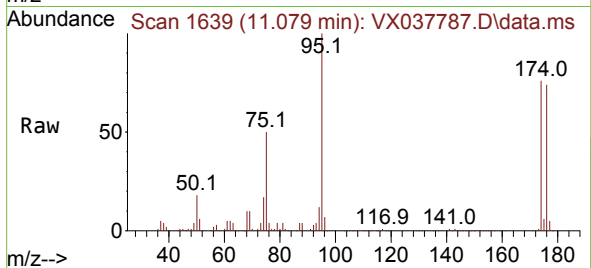
ClientSampleId :

Tgt Ion: 75 Resp: 93182

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.168 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037787.D

Acq: 18 Sep 2023 19:33

Tgt Ion: 75 Resp: 93182

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

