

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037789.D
 Acq On : 18 Sep 2023 20:19
 Operator : JC/MD
 Sample : 04459-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137BASIN-A-20230914

Quant Time: Sep 19 07:26:25 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

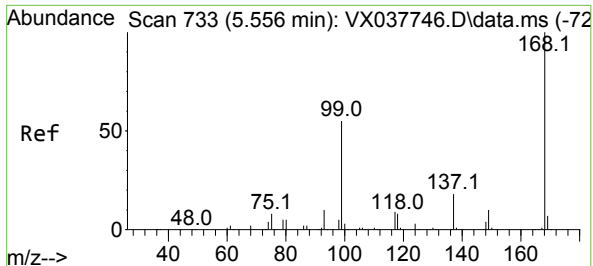
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	269357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166748	47.118	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.240%		
35) Dibromofluoromethane	5.391	113	141532	46.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.820%		
50) Toluene-d8	8.653	98	535537	47.770	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.540%		
62) 4-Bromofluorobenzene	11.079	95	194518	47.748	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.500%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	3707	1.363	ug/l	95
16) Acetone	2.380	43	2198	1.291	ug/l	97
31) Cyclohexane	5.550	56	5675	1.249	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19954	4.801	ug/l #	50
38) Carbon Tetrachloride	5.550	117	27234	6.262	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2407	0.519	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	100041	21.255	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	100041	68.086	ug/l #	5

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

Quant Time: Sep 19 07:26:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
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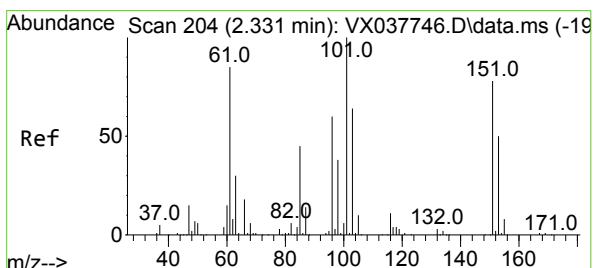
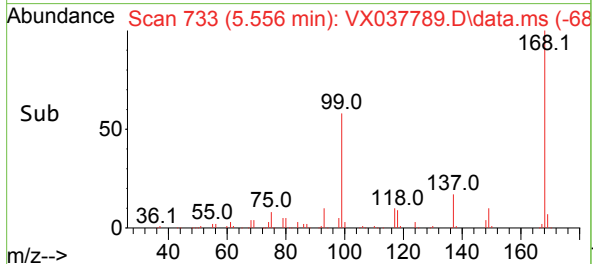
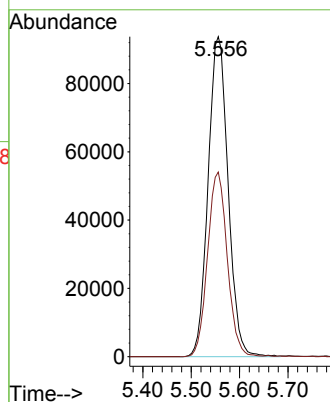
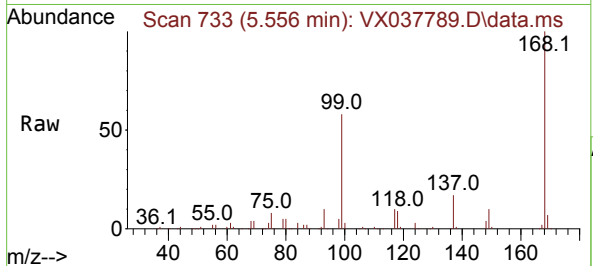




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

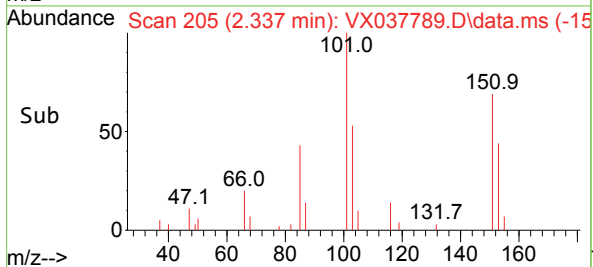
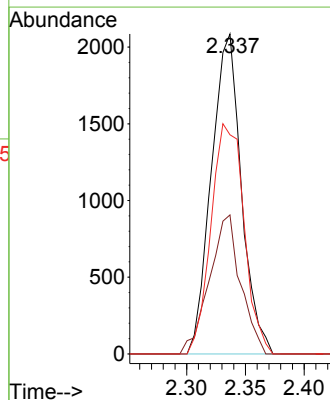
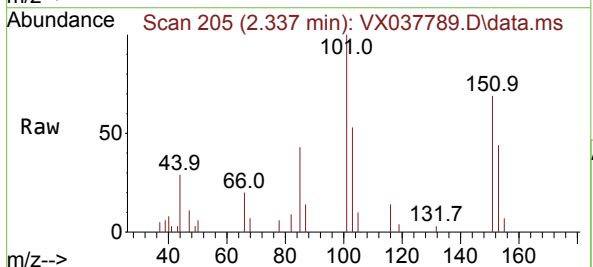
Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-A-20230914

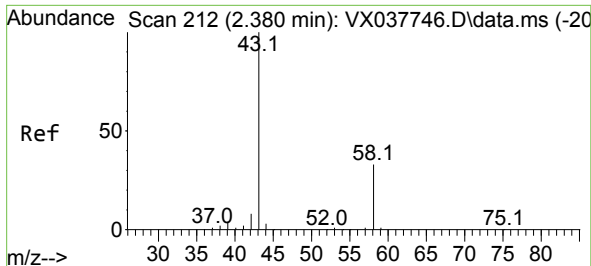
Tgt Ion:168 Resp: 269357
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.363 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

Tgt Ion:101 Resp: 3707
Ion Ratio Lower Upper
101 100
85 45.2 37.0 55.6
151 78.9 58.6 87.8





#16

Acetone

Concen: 1.291 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037789.D

Acq: 18 Sep 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

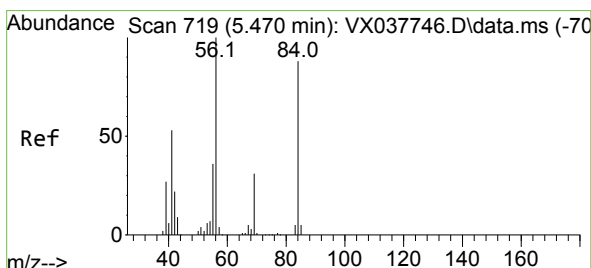
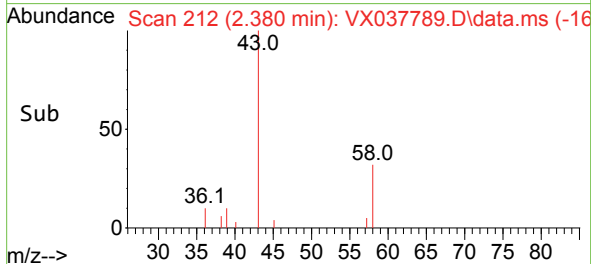
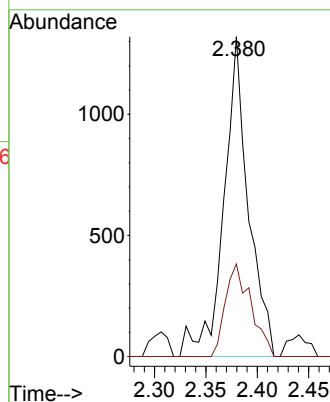
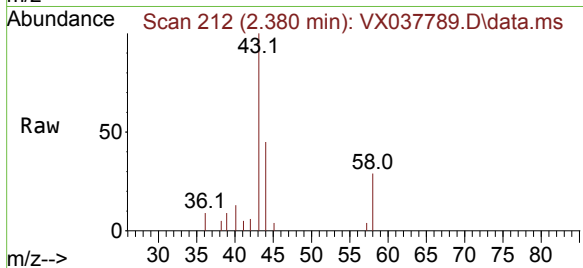
RE137BASIN-A-20230914

Tgt Ion: 43 Resp: 2198

Ion Ratio Lower Upper

43 100

58 28.9 21.9 32.9



#31

Cyclohexane

Concen: 1.249 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037789.D

Acq: 18 Sep 2023 20:19

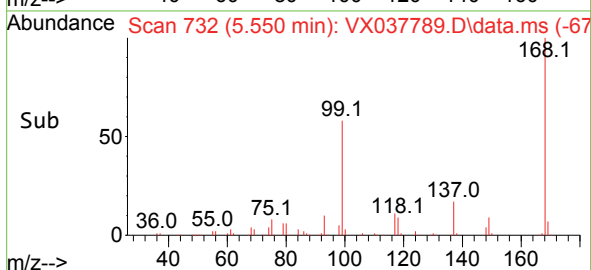
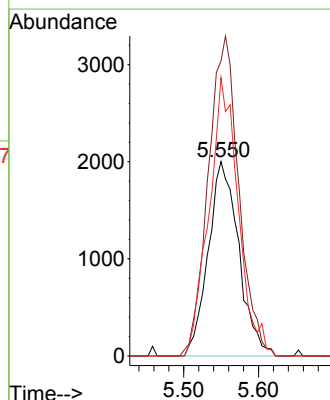
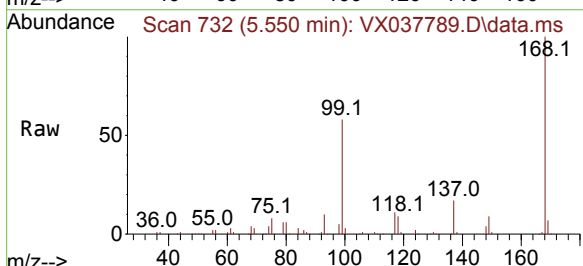
Tgt Ion: 56 Resp: 5675

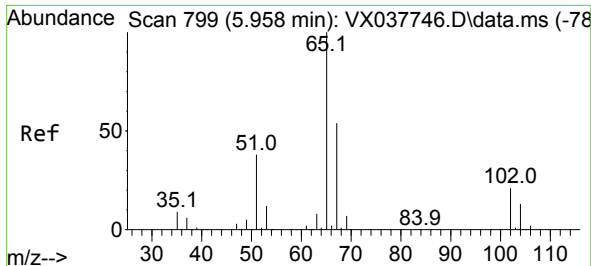
Ion Ratio Lower Upper

56 100

69 151.7 23.4 35.2#

84 143.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.118 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037789.D

Acq: 18 Sep 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

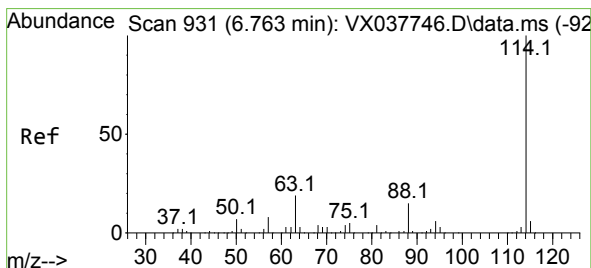
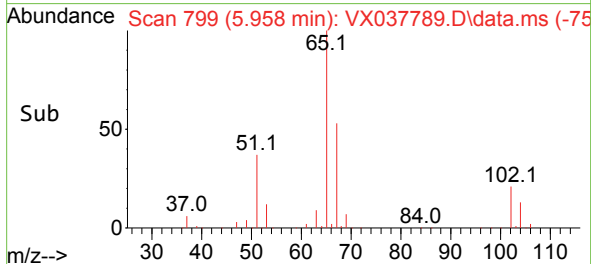
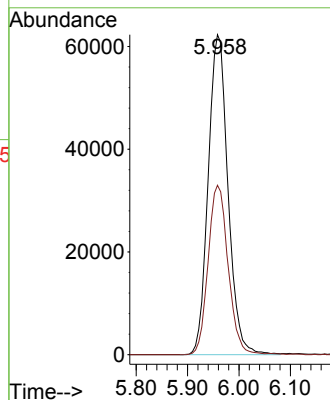
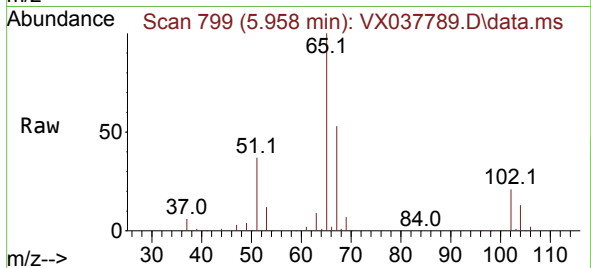
RE137BASIN-A-20230914

Tgt Ion: 65 Resp: 166748

Ion Ratio Lower Upper

65 100

67 53.6 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: VX037789.D

Acq: 18 Sep 2023 20:19

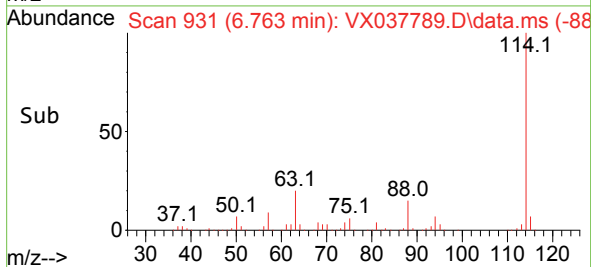
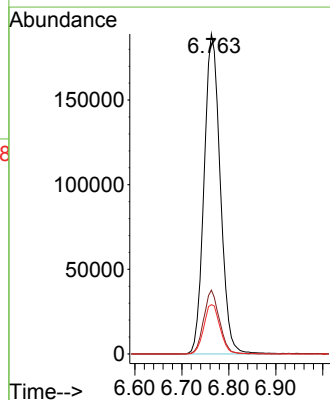
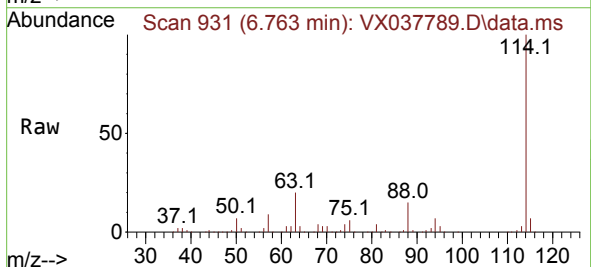
Tgt Ion: 114 Resp: 450934

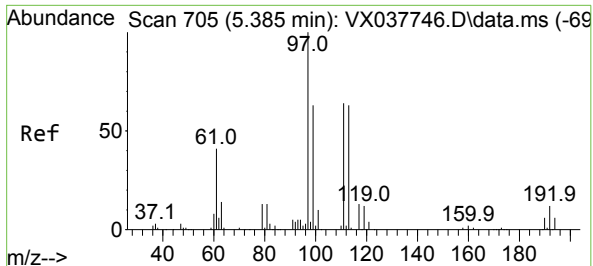
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 15.4 0.0 36.6

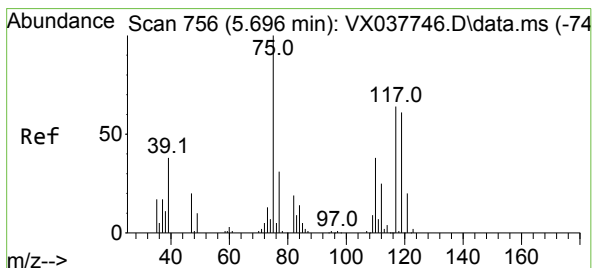
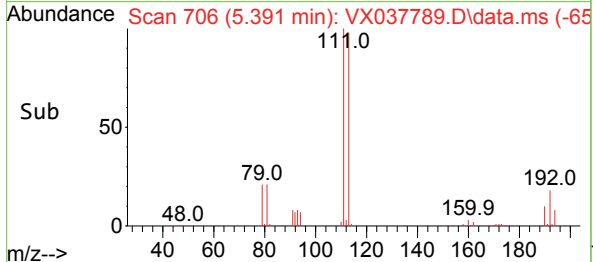
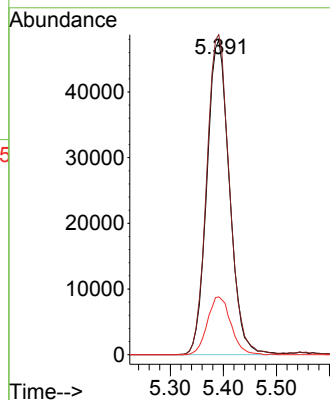
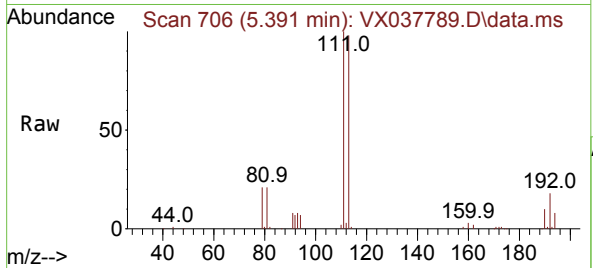




#35
Dibromofluoromethane
Concen: 46.908 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

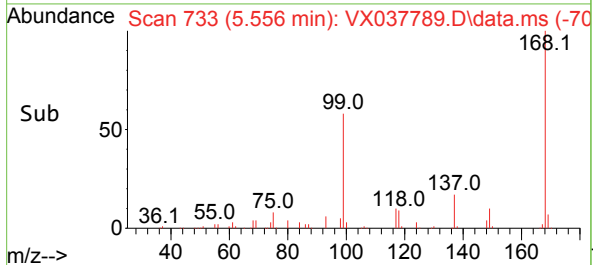
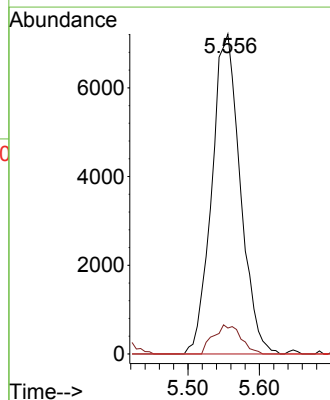
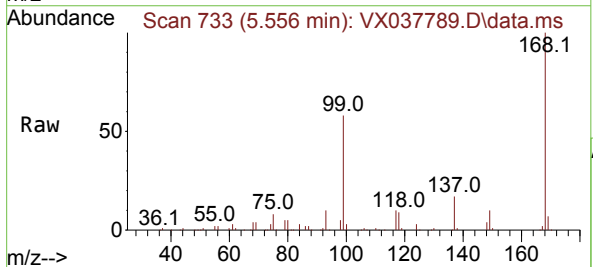
Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-A-20230914

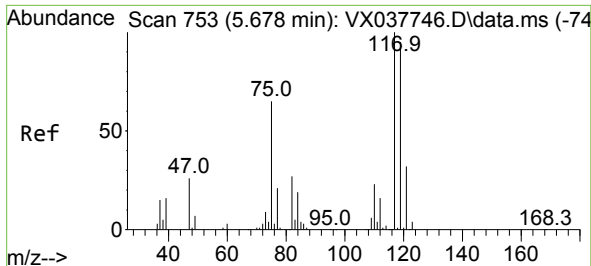
Tgt Ion:113 Resp: 141532
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

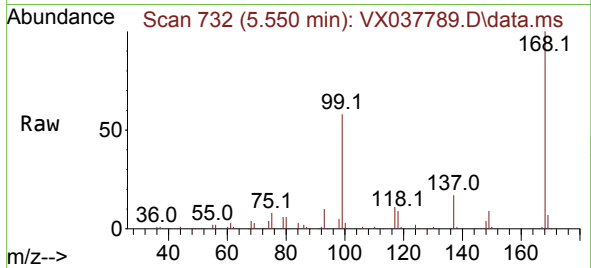
Tgt Ion: 75 Resp: 19954
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



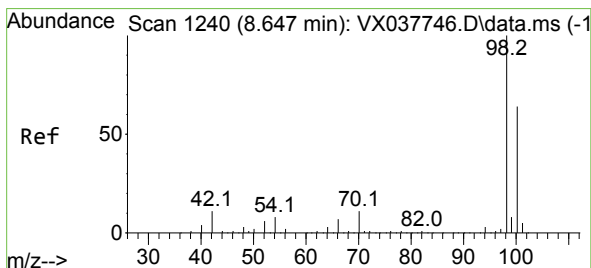
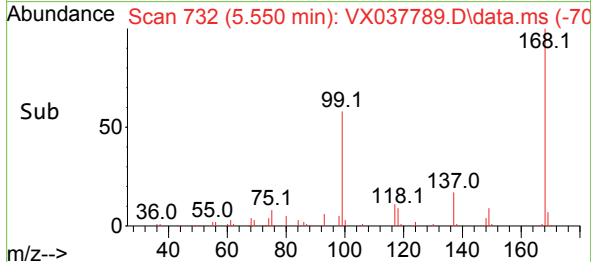
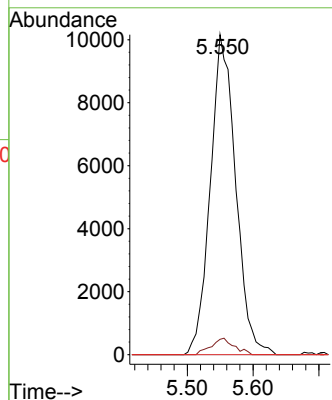


#38
Carbon Tetrachloride
Concen: 6.262 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-A-20230914

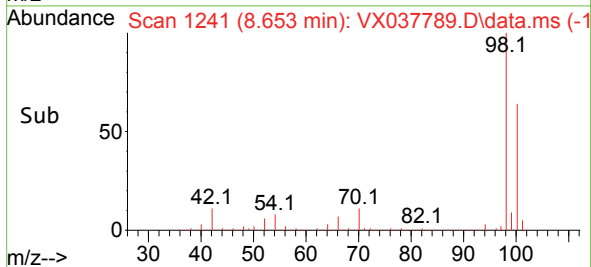
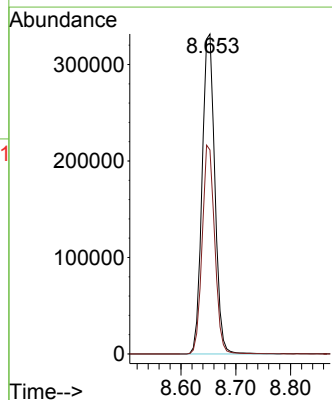
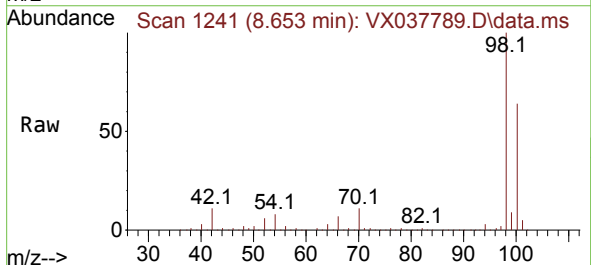


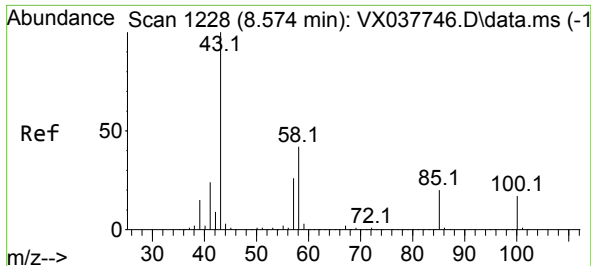
Tgt Ion:117 Resp: 27234
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.770 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

Tgt Ion: 98 Resp: 535537
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

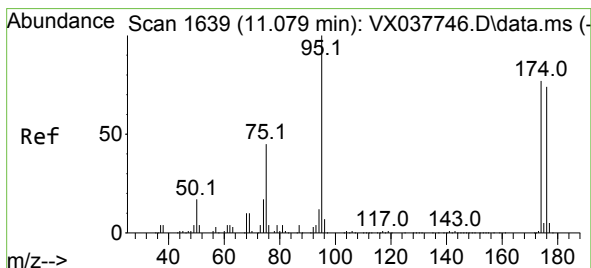
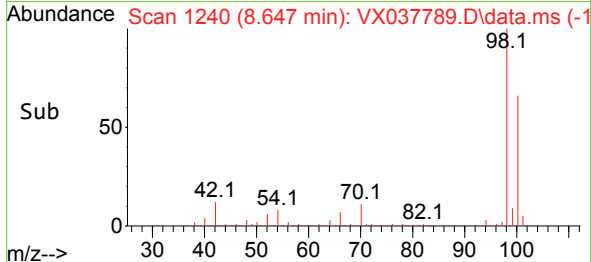
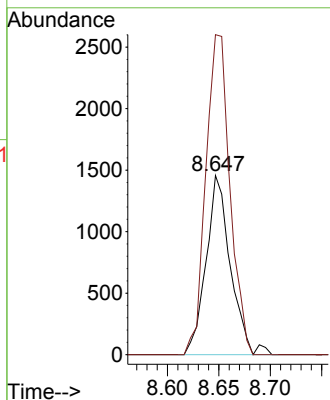
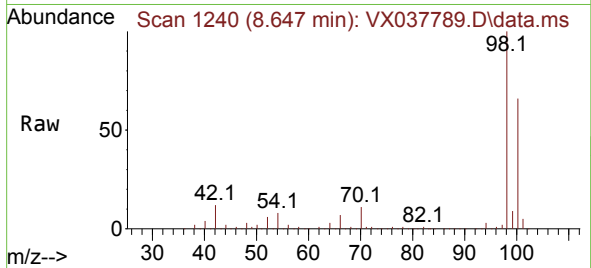




#51
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

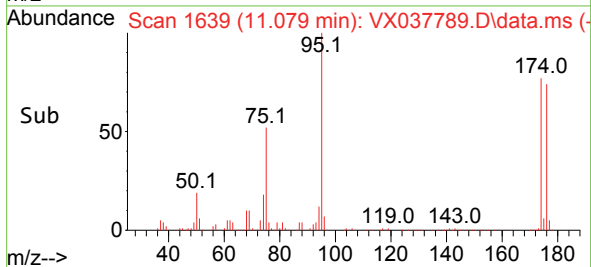
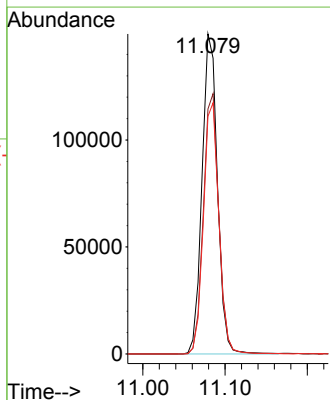
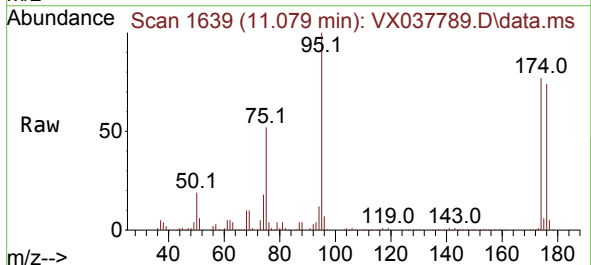
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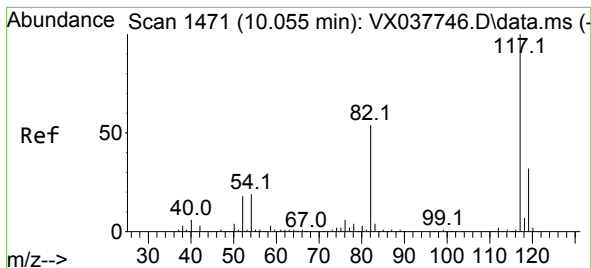
Tgt Ion: 43 Resp: 2407
Ion Ratio Lower Upper
43 100
58 177.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.748 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037789.D
Acq: 18 Sep 2023 20:19

Tgt Ion: 95 Resp: 194518
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 78.8 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: VX037789.D

Acq: 18 Sep 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

RE137BASIN-A-20230914

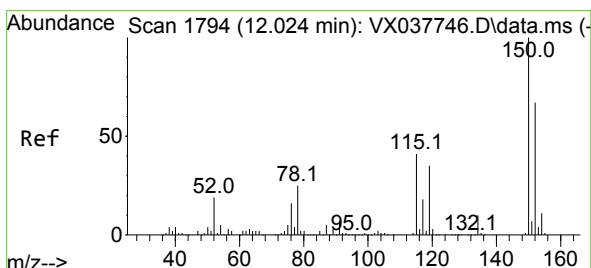
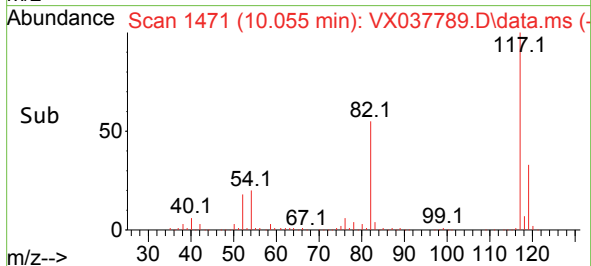
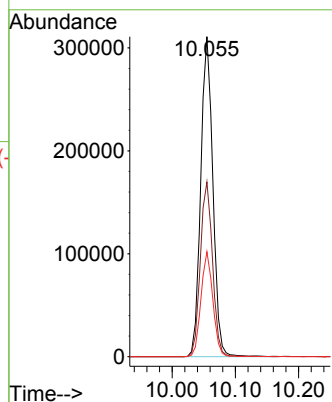
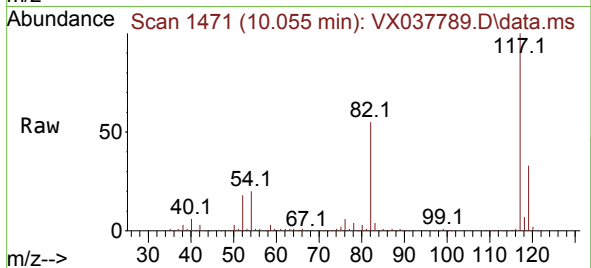
Tgt Ion:117 Resp: 415523

Ion Ratio Lower Upper

117 100

82 54.6 46.2 69.4

119 32.8 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: VX037789.D

Acq: 18 Sep 2023 20:19

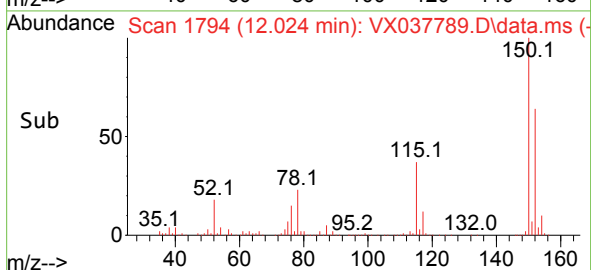
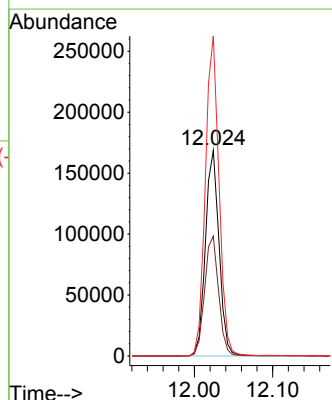
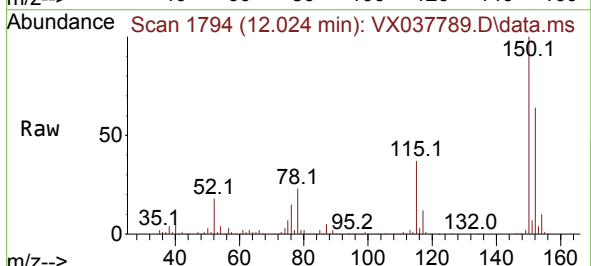
Tgt Ion:152 Resp: 203502

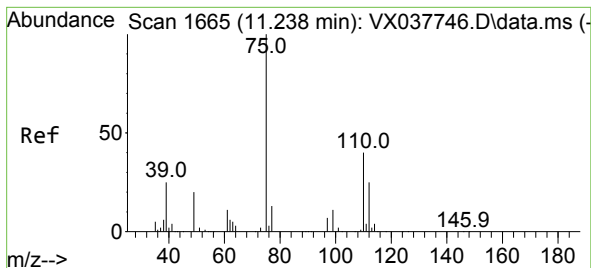
Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 155.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.255 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037789.D

Acq: 18 Sep 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

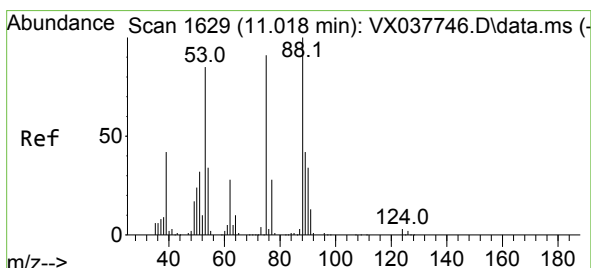
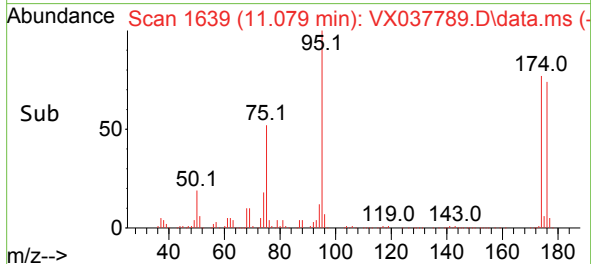
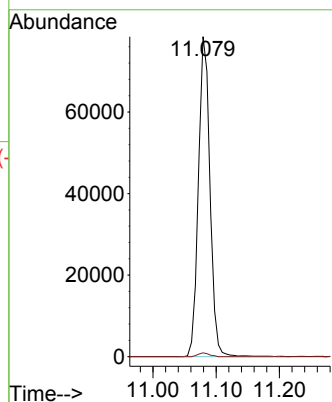
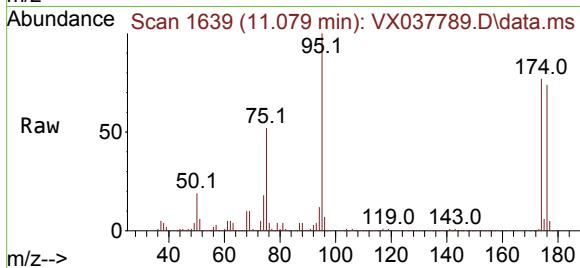
RE137BASIN-A-20230914

Tgt Ion: 75 Resp: 100041

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.086 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037789.D

Acq: 18 Sep 2023 20:19

Tgt Ion: 75 Resp: 100041

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

