

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037762.D
 Acq On : 15 Sep 2023 18:05
 Operator : JC/MD
 Sample : 04459-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137BASIN-B-20230914

Quant Time: Sep 16 05:47:59 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)

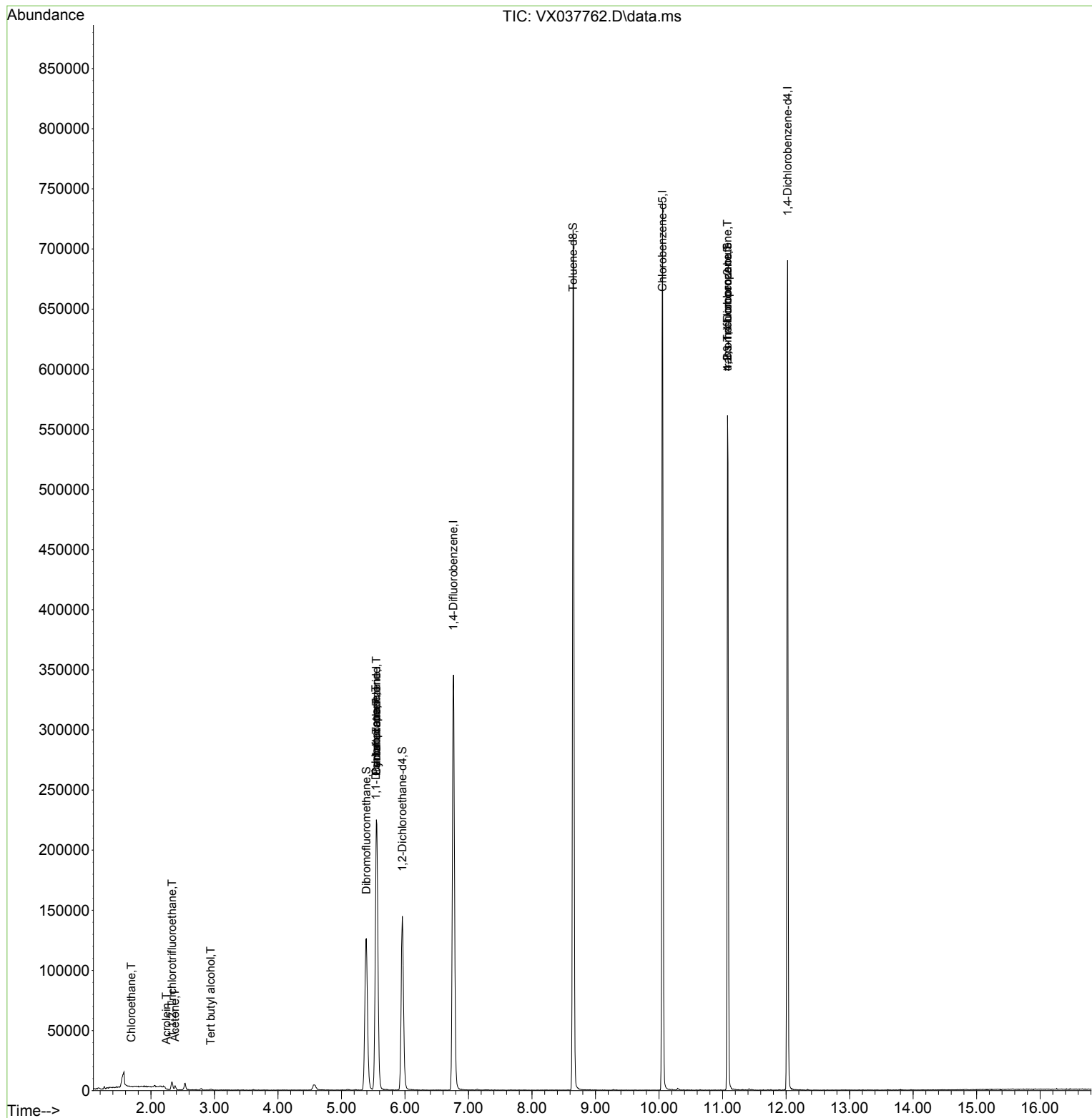
Internal Standards						
1) Pentafluorobenzene	5.550	168	219420	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	364697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133800	46.413	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.820%
35) Dibromofluoromethane	5.391	113	112372	46.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.100%
50) Toluene-d8	8.647	98	437702	48.275	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	148945	45.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.420%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	550	0.294	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.331	101	2682	1.211	ug/l	95
11) Tert butyl alcohol	2.941	59	515	0.832	ug/l	# 78
13) Acrolein	2.239	56	215	0.352	ug/l	# 47
16) Acetone	2.380	43	3505	2.527	ug/l	99
31) Cyclohexane	5.550	56	4372	1.182	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	16986	5.053	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	22181	6.306	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	76479	22.996	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	76479	73.666	ug/l	# 5

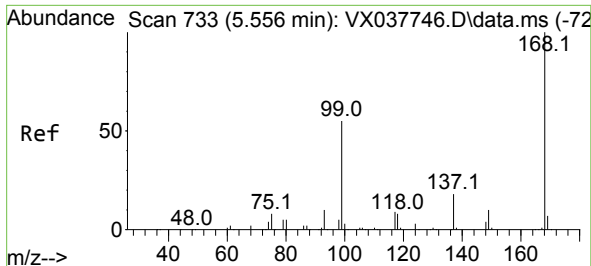
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
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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: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX037762.D

Acq: 15 Sep 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

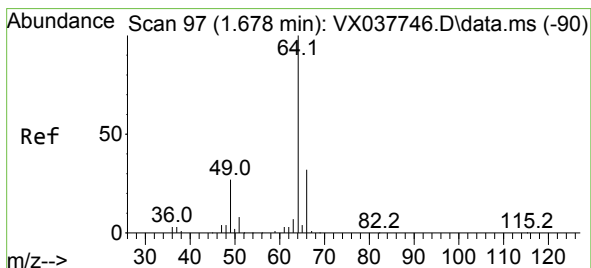
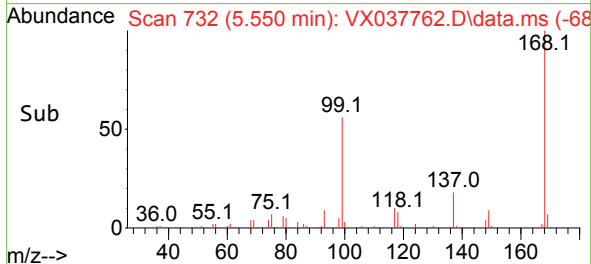
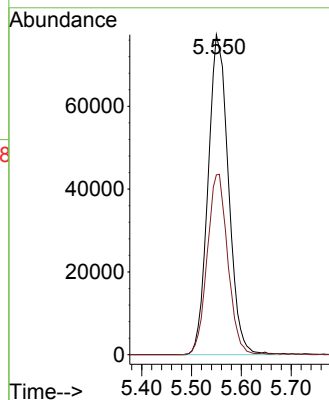
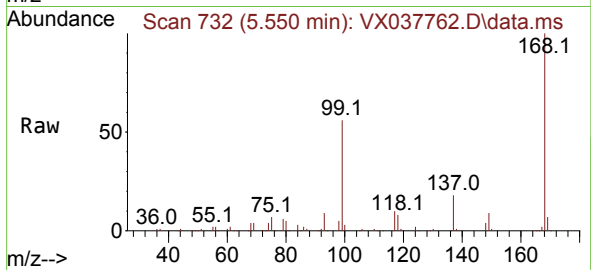
RE137BASIN-B-20230914

Tgt Ion:168 Resp: 219420

Ion Ratio Lower Upper

168 100

99 56.2 56.6 85.0#



#6

Chloroethane

Concen: 0.294 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX037762.D

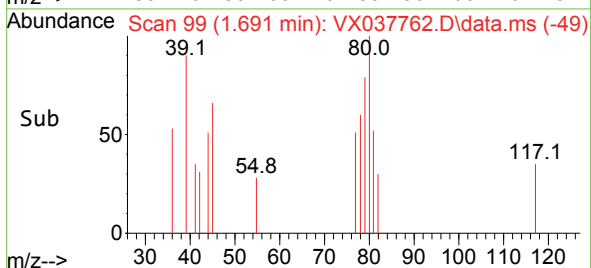
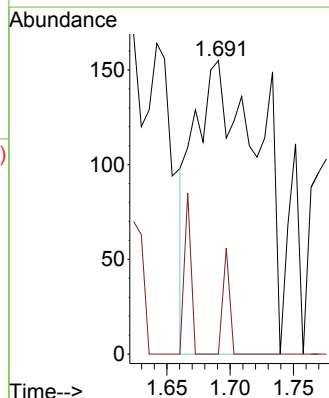
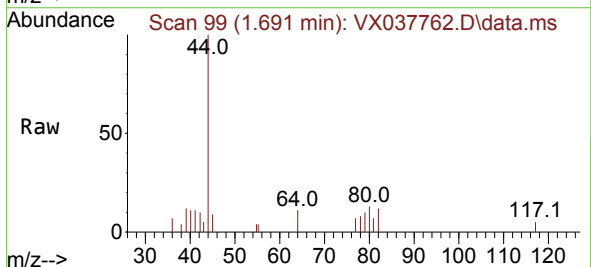
Acq: 15 Sep 2023 18:05

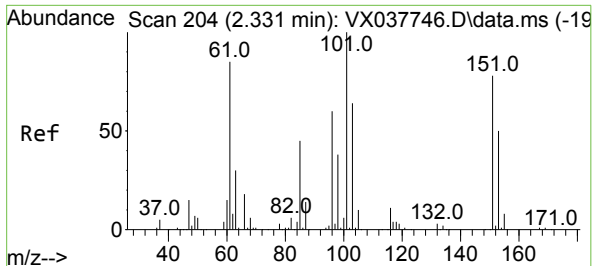
Tgt Ion: 64 Resp: 550

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#

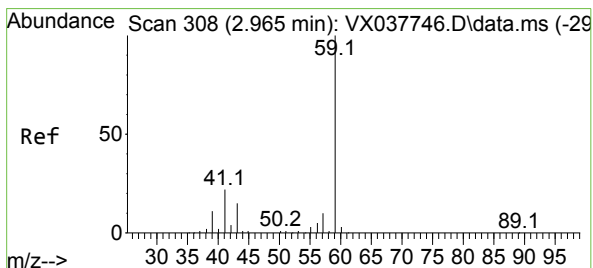
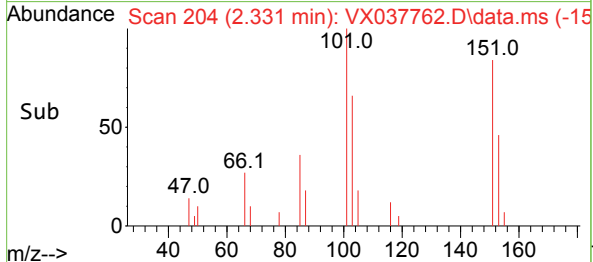
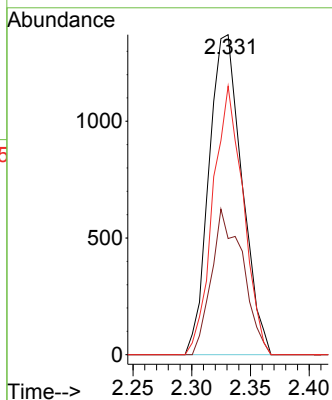
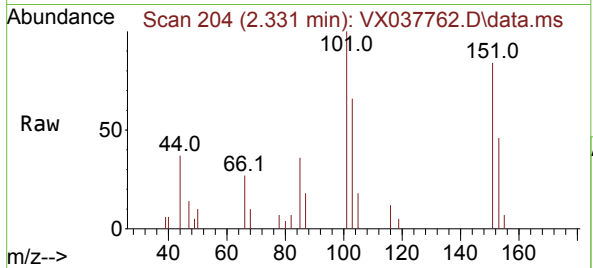




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.211 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

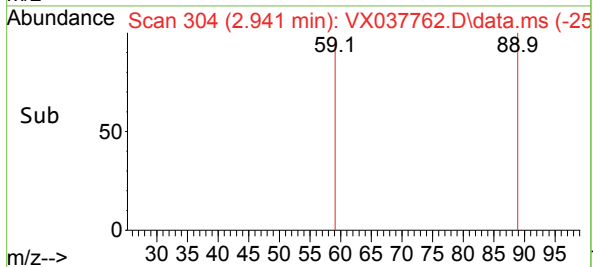
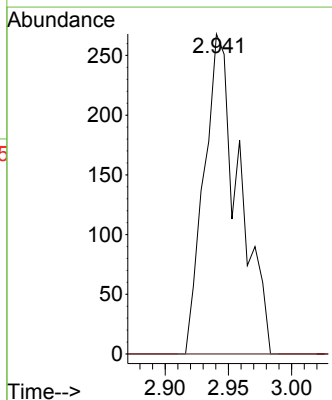
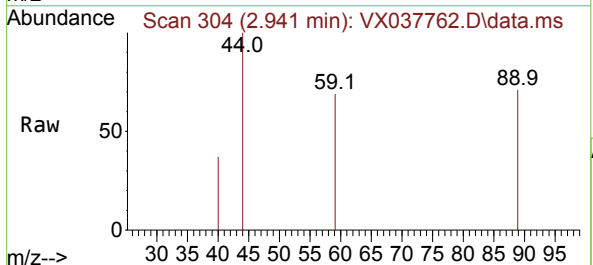
Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-B-20230914

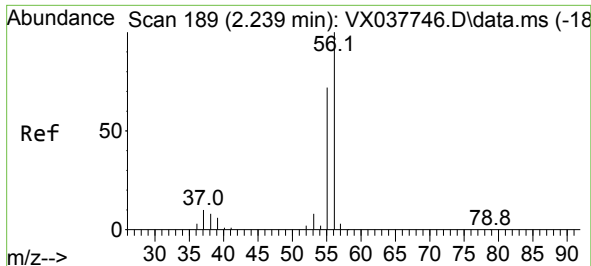
Tgt Ion:101 Resp: 2682
Ion Ratio Lower Upper
101 100
85 43.2 37.0 55.6
151 77.0 58.6 87.8



#11
Tert butyl alcohol
Concen: 0.832 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.352 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037762.D

Acq: 15 Sep 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

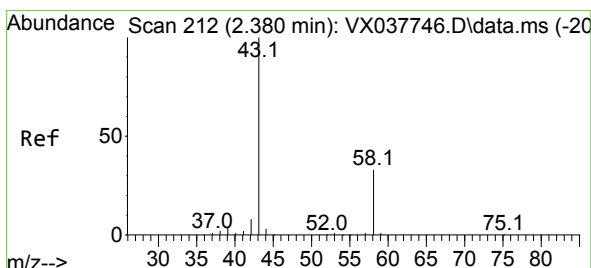
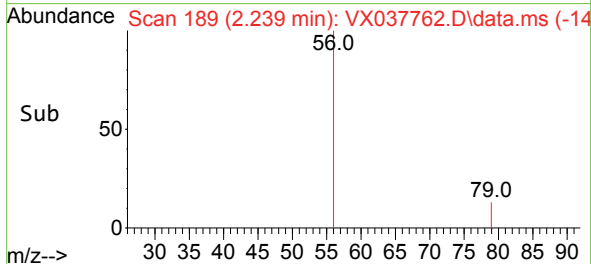
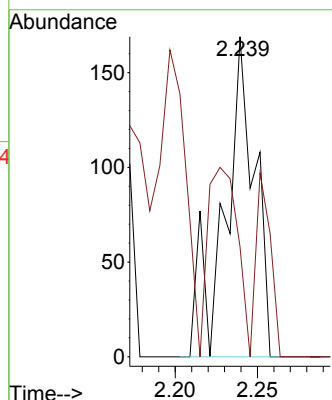
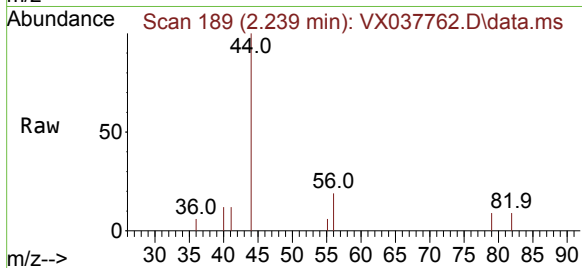
RE137BASIN-B-20230914

Tgt Ion: 56 Resp: 215

Ion Ratio Lower Upper

56 100

55 27.4 57.1 85.7#



#16

Acetone

Concen: 2.527 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037762.D

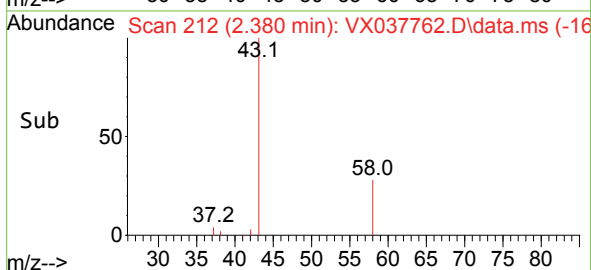
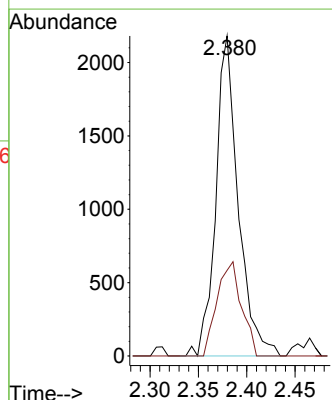
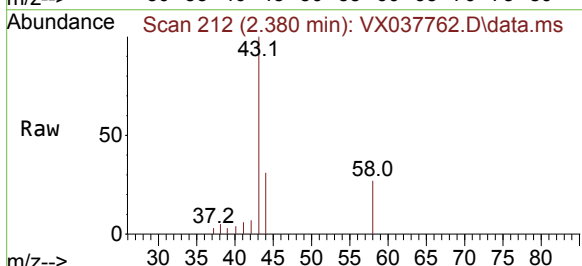
Acq: 15 Sep 2023 18:05

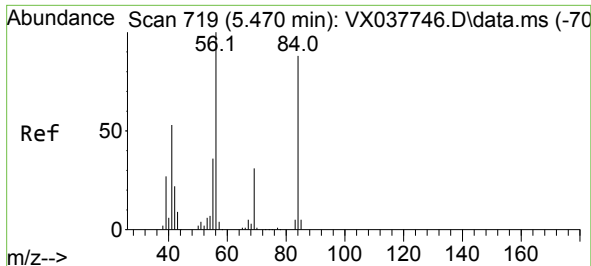
Tgt Ion: 43 Resp: 3505

Ion Ratio Lower Upper

43 100

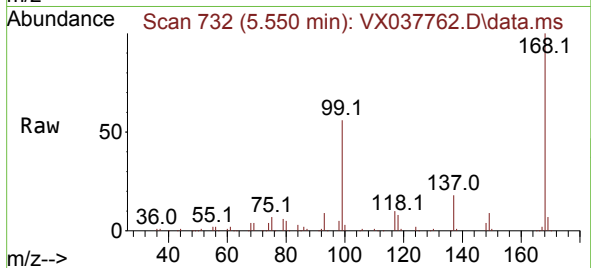
58 26.8 21.9 32.9



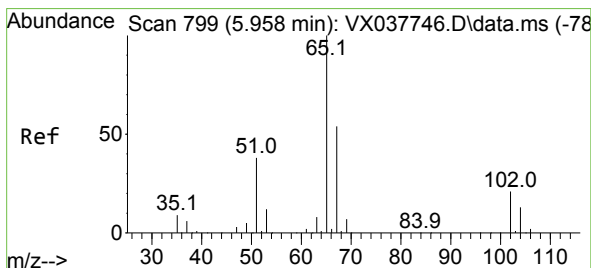
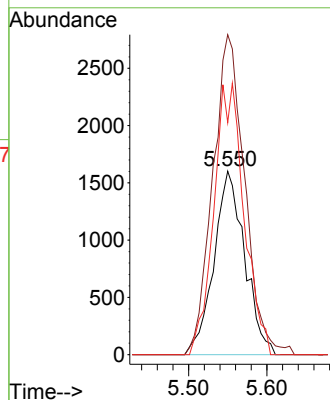
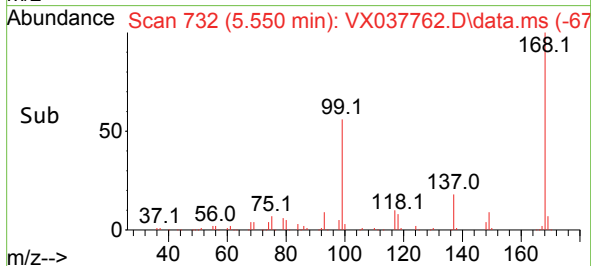


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-B-20230914

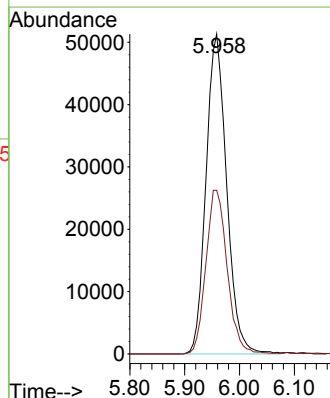
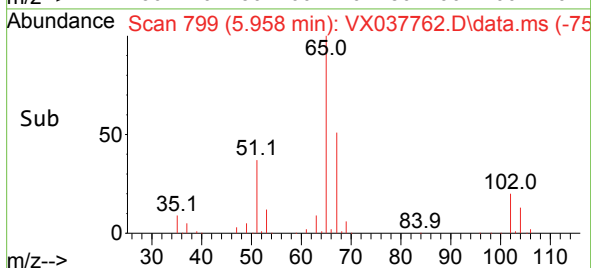
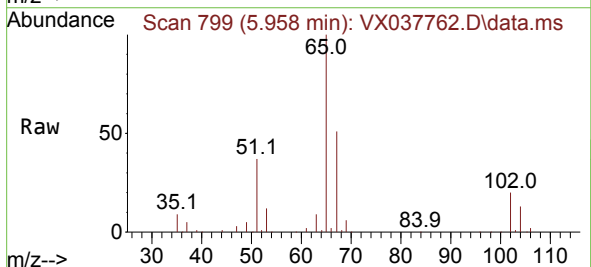


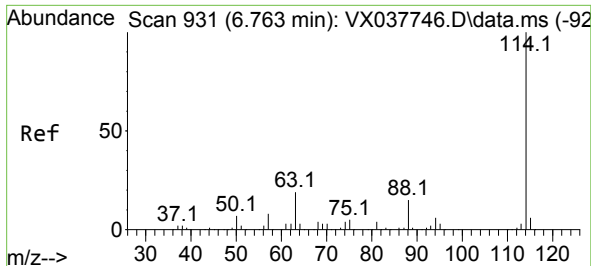
Tgt Ion: 56 Resp: 4372
Ion Ratio Lower Upper
56 100
69 174.3 23.4 35.2#
84 126.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.413 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

Tgt Ion: 65 Resp: 133800
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

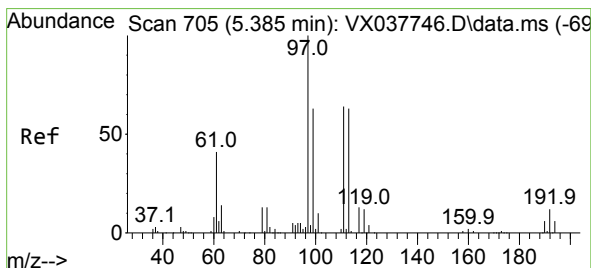
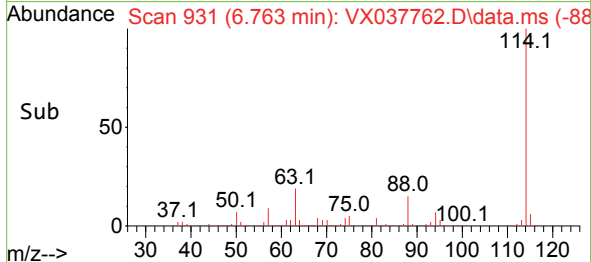
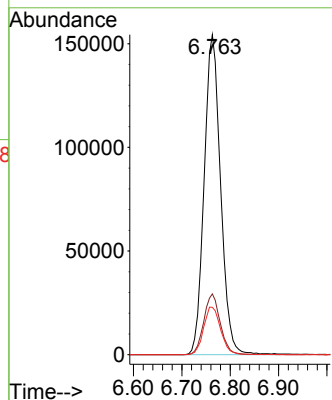
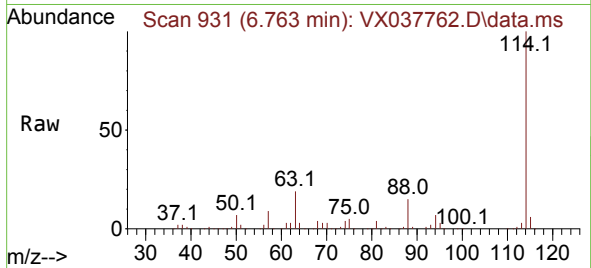




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

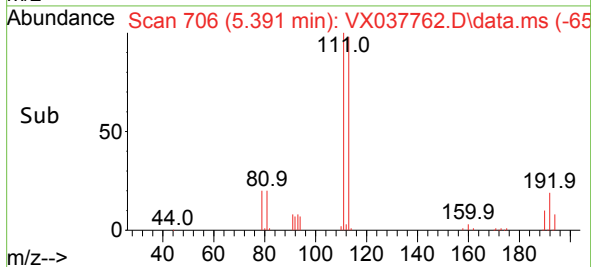
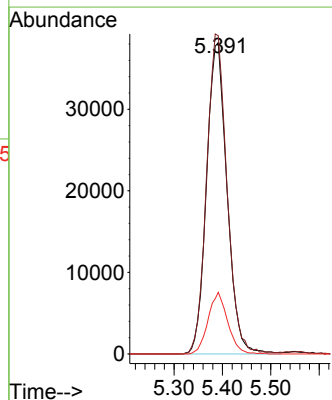
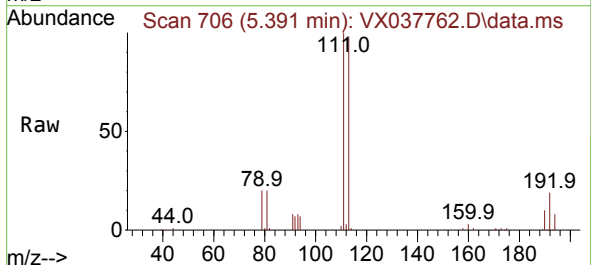
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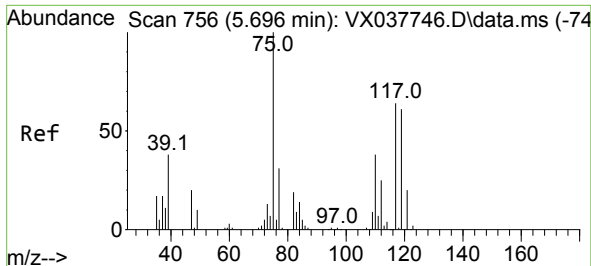
Tgt Ion:114 Resp: 364697
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.050 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

Tgt Ion:113 Resp: 112372
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.0 13.3 19.9

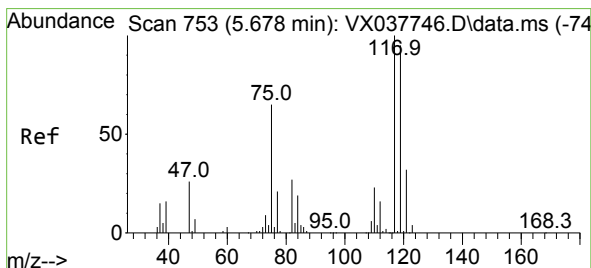
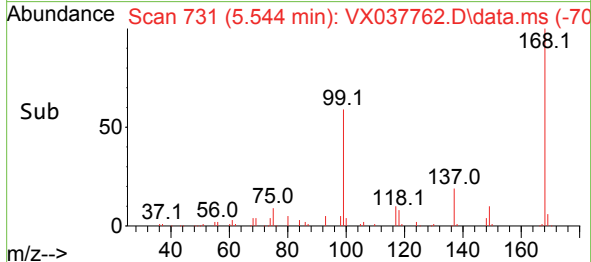
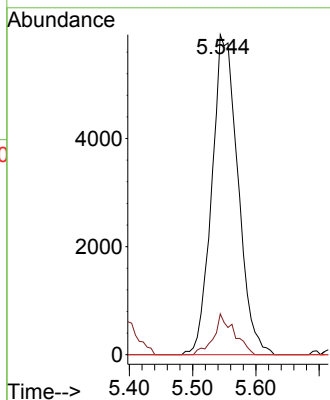
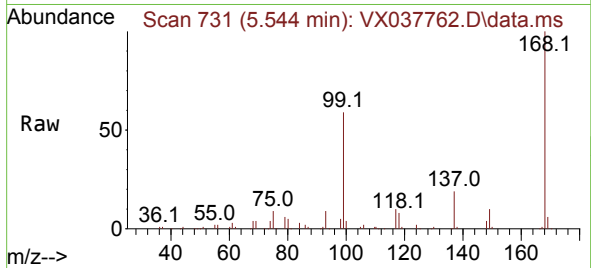




#36
1,1-Dichloropropene
Concen: 5.053 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

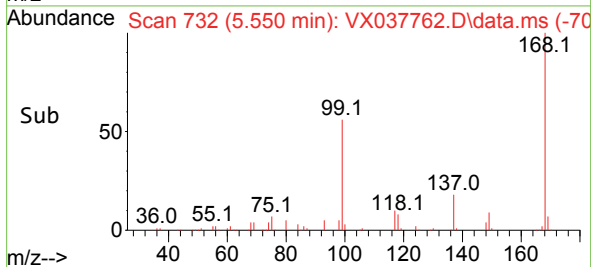
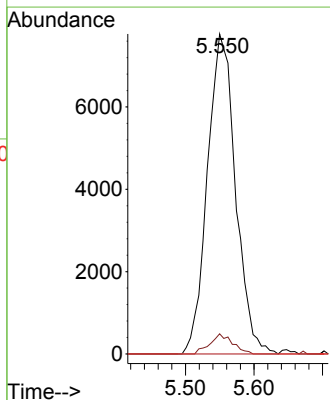
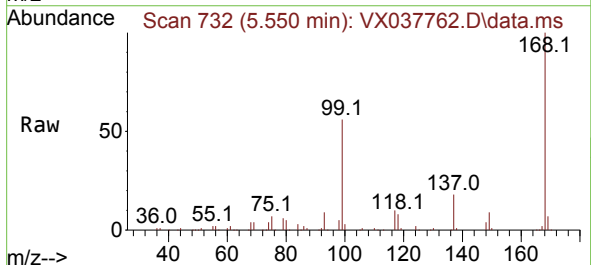
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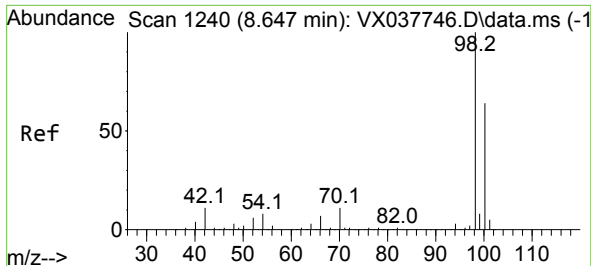
Tgt Ion: 75 Resp: 16986
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

Tgt Ion: 117 Resp: 22181
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#

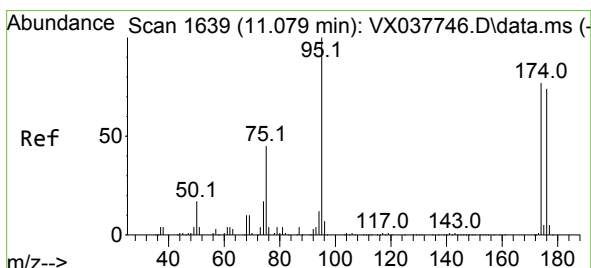
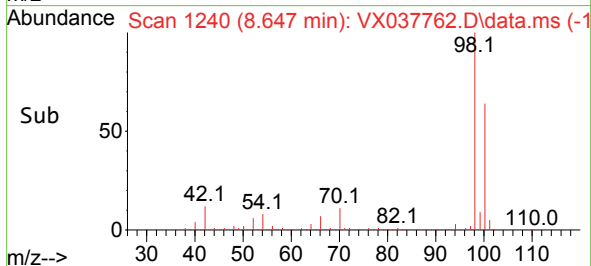
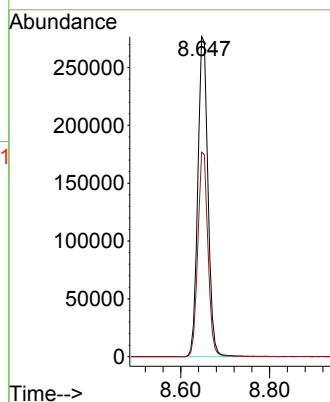
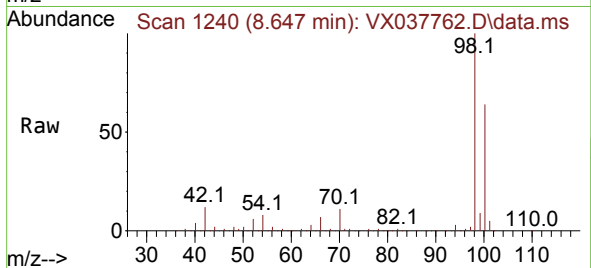




#50
Toluene-d8
Concen: 48.275 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

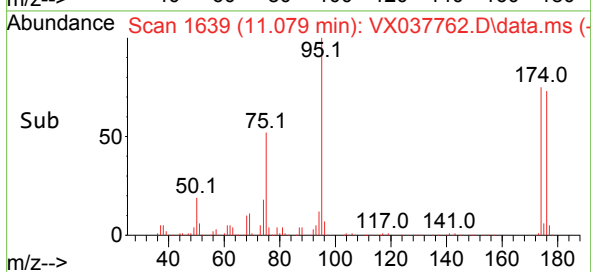
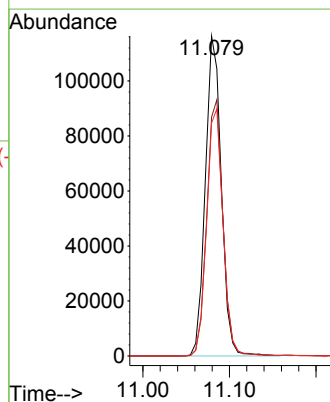
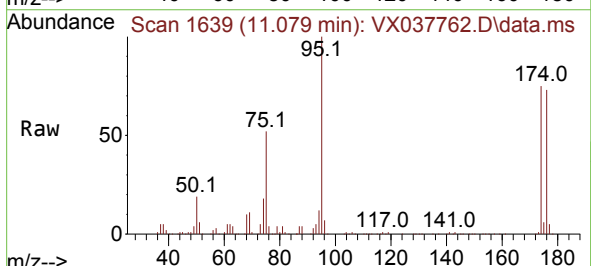
Instrument :
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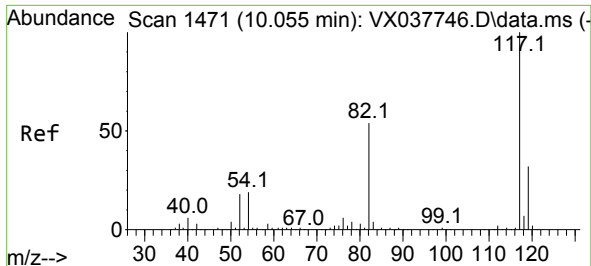
Tgt Ion: 98 Resp: 437702
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.207 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

Tgt Ion: 95 Resp: 148945
Ion Ratio Lower Upper
95 100
174 81.2 0.0 135.6
176 79.2 0.0 131.0

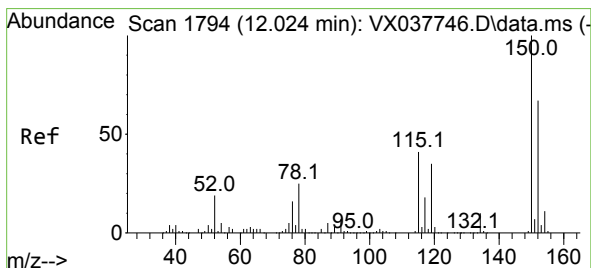
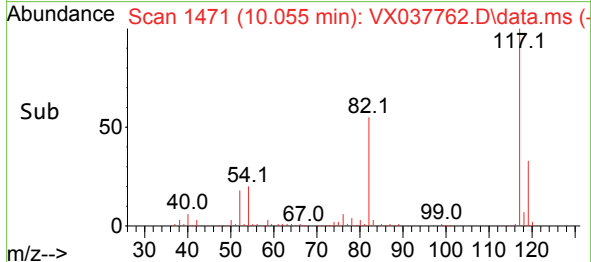
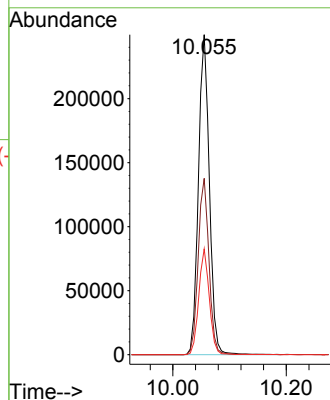
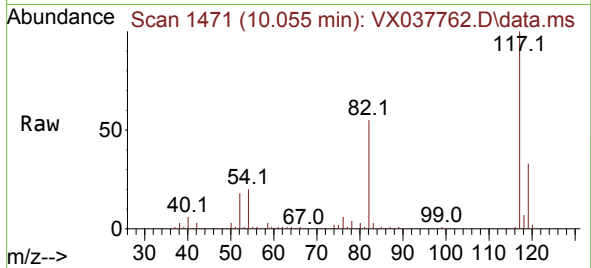




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

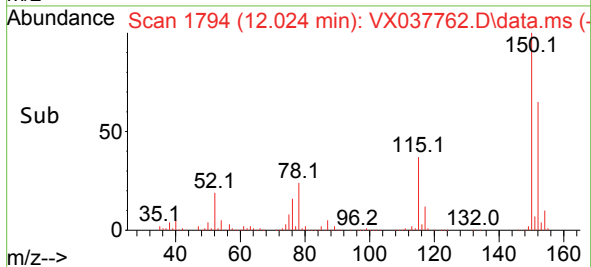
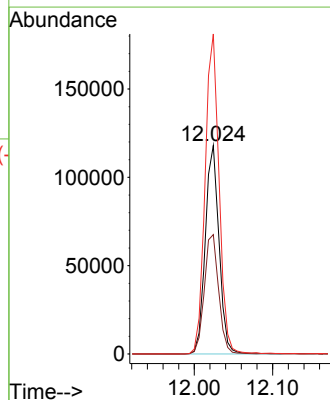
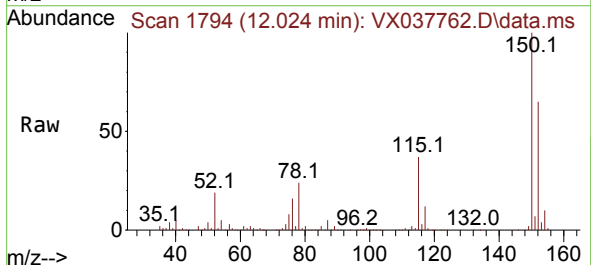
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MSVOA_X
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RE137BASIN-B-20230914

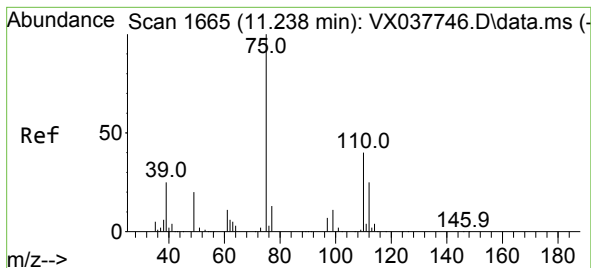
Tgt Ion:117 Resp: 333699
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037762.D
Acq: 15 Sep 2023 18:05

Tgt Ion:152 Resp: 143789
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 155.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.996 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037762.D

Acq: 15 Sep 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

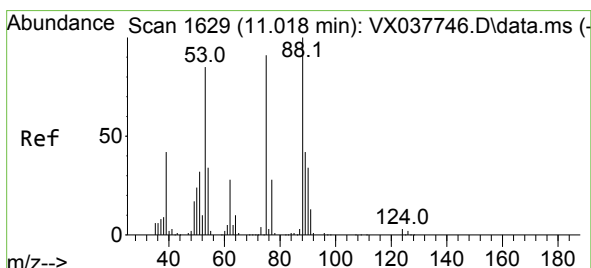
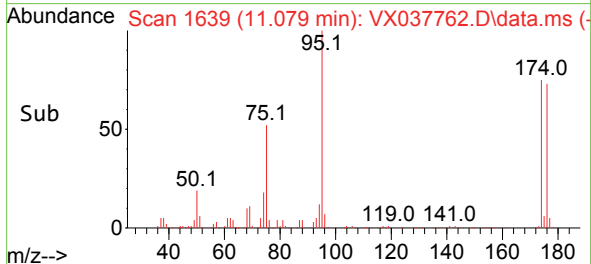
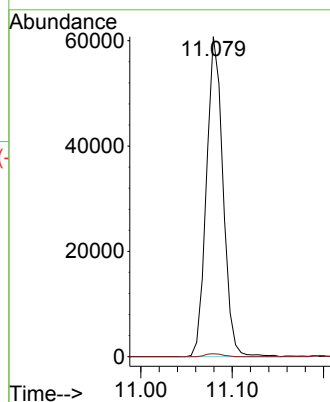
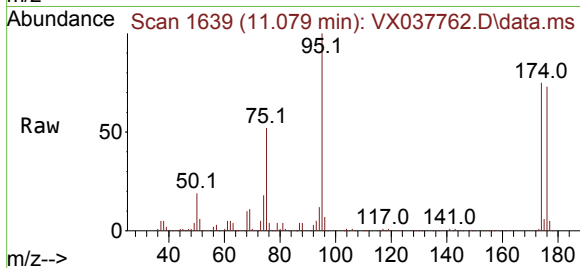
RE137BASIN-B-20230914

Tgt Ion: 75 Resp: 76479

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.666 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037762.D

Acq: 15 Sep 2023 18:05

Tgt Ion: 75 Resp: 76479

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

