

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037761.D
 Acq On : 15 Sep 2023 17:41
 Operator : JC/MD
 Sample : 04459-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137BASIN-C-20230914

Quant Time: Sep 16 05:47:40 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)

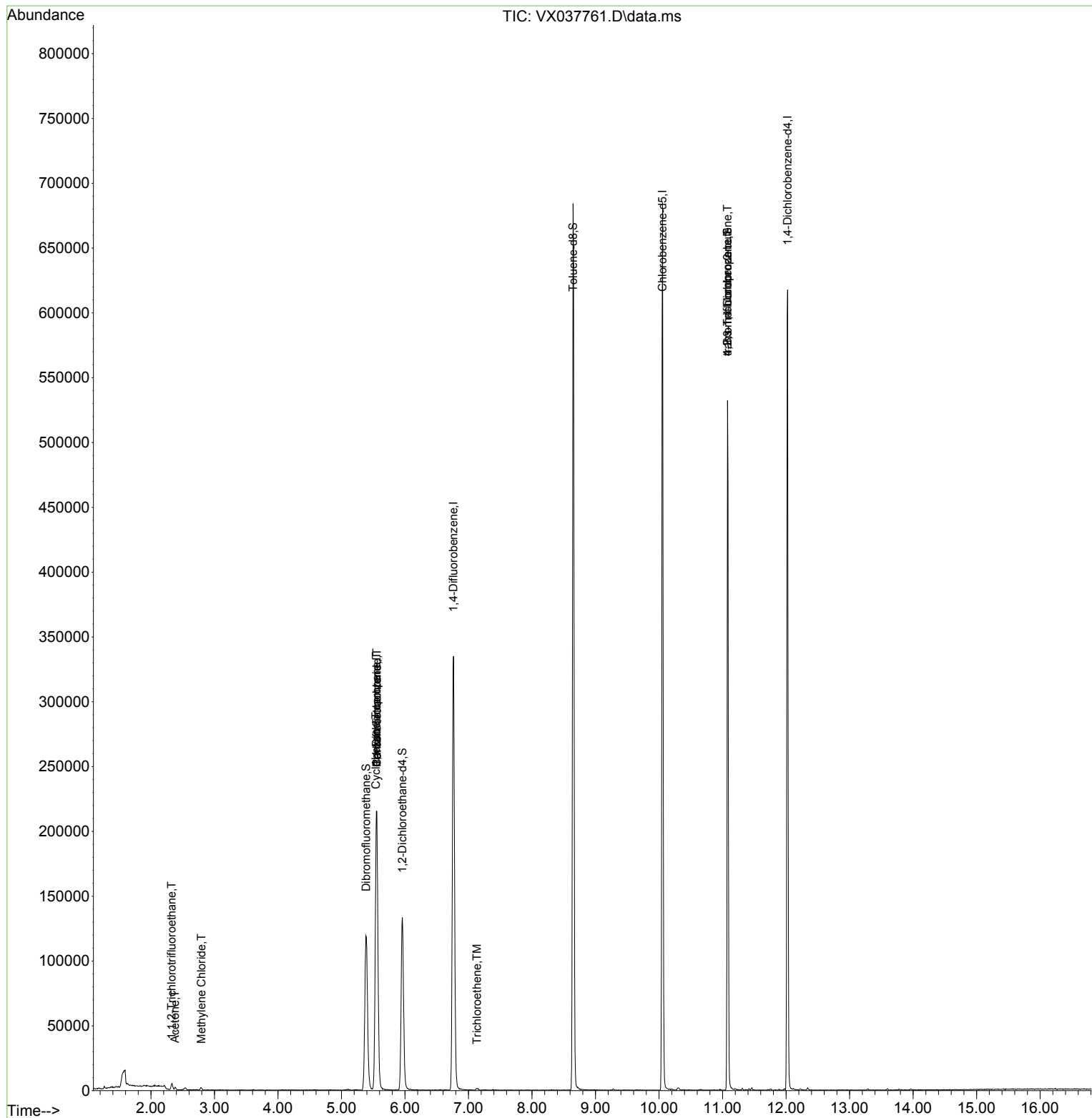
Internal Standards						
1) Pentafluorobenzene	5.556	168	210974	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	351676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128629	46.405	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.820%
35) Dibromofluoromethane	5.385	113	107996	45.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.800%
50) Toluene-d8	8.647	98	418584	47.876	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.760%
62) 4-Bromofluorobenzene	11.079	95	139451	43.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.780%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	1906	0.895	ug/l	95
16) Acetone	2.380	43	1924	1.443	ug/l	92
20) Methylene Chloride	2.794	84	866	0.326	ug/l #	75
31) Cyclohexane	5.544	56	4679	1.315	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16289	5.025	ug/l #	50
38) Carbon Tetrachloride	5.556	117	21899	6.457	ug/l #	16
44) Trichloroethene	7.135	130	589	0.212	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	70998	23.057	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	70998	73.858	ug/l #	5

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

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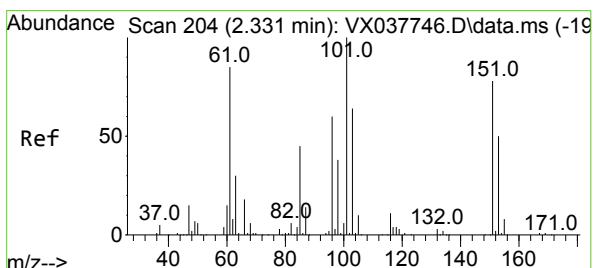
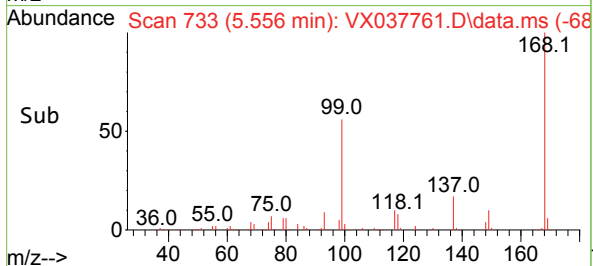
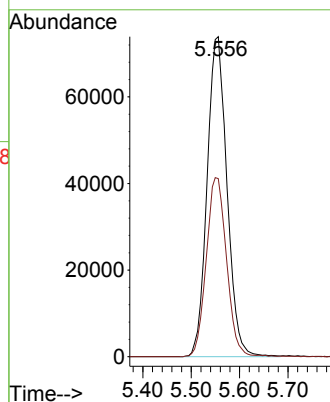
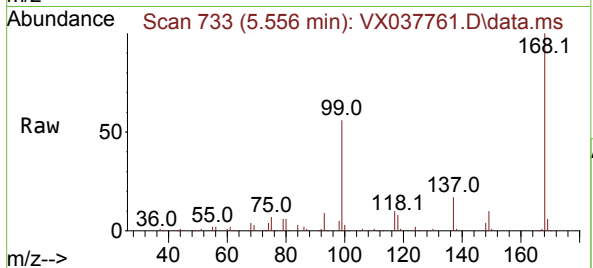




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

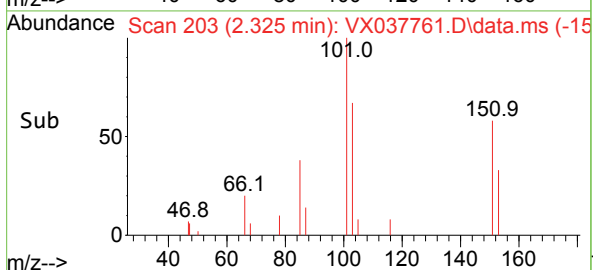
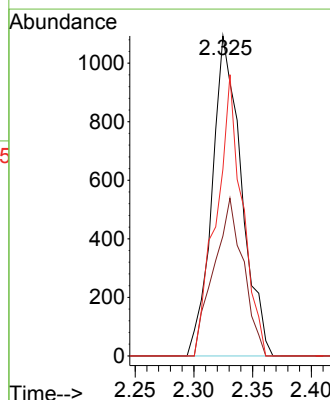
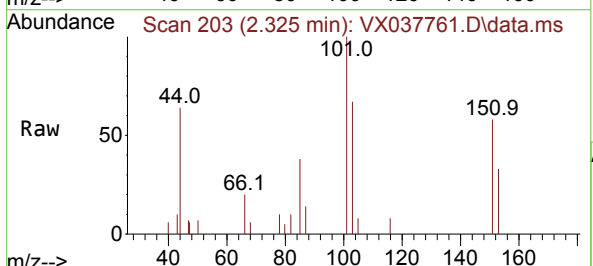
Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-C-20230914

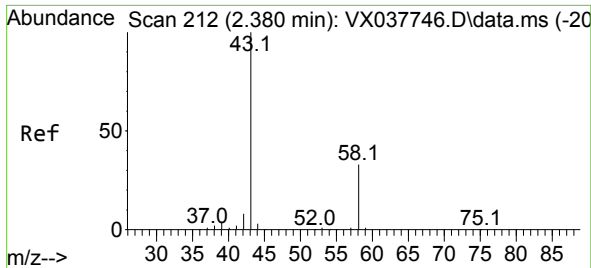
Tgt Ion:168 Resp: 210974
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.895 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

Tgt Ion:101 Resp: 1906
Ion Ratio Lower Upper
101 100
85 49.2 37.0 55.6
151 77.5 58.6 87.8





#16

Acetone

Concen: 1.443 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037761.D

Acq: 15 Sep 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

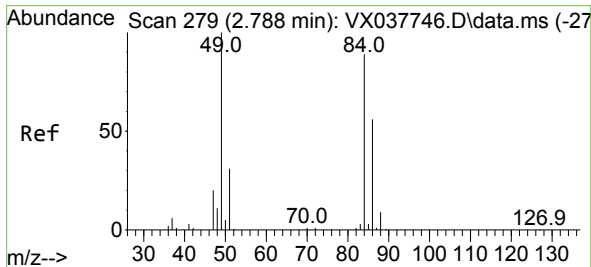
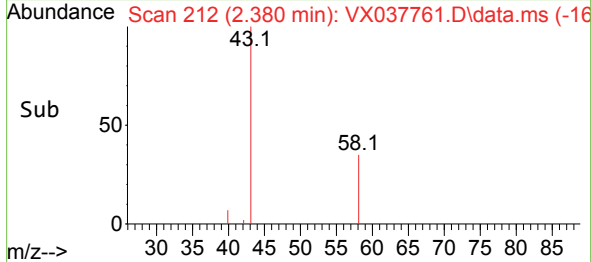
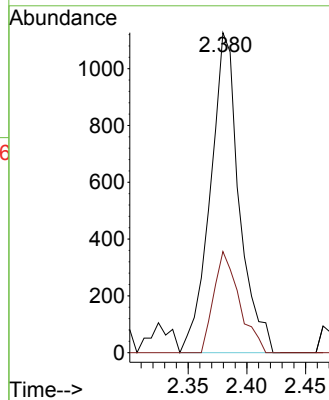
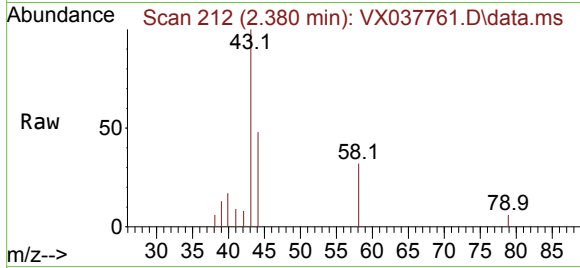
RE137BASIN-C-20230914

Tgt Ion: 43 Resp: 1924

Ion Ratio Lower Upper

43 100

58 31.6 21.9 32.9



#20

Methylene Chloride

Concen: 0.326 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX037761.D

Acq: 15 Sep 2023 17:41

Tgt Ion: 84 Resp: 866

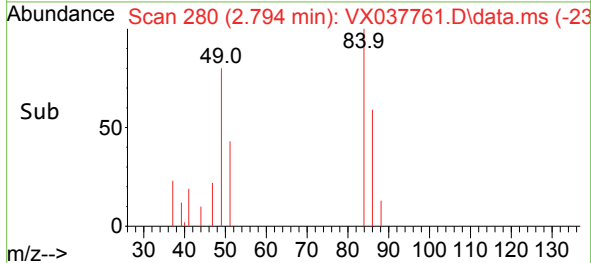
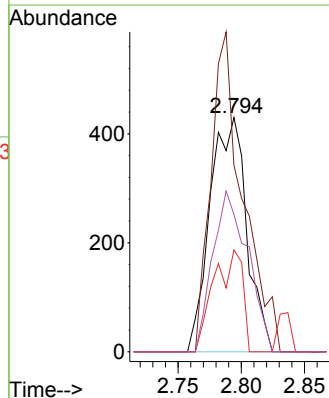
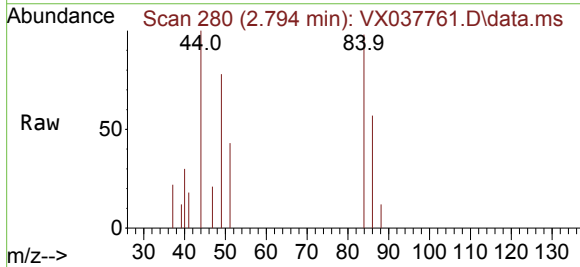
Ion Ratio Lower Upper

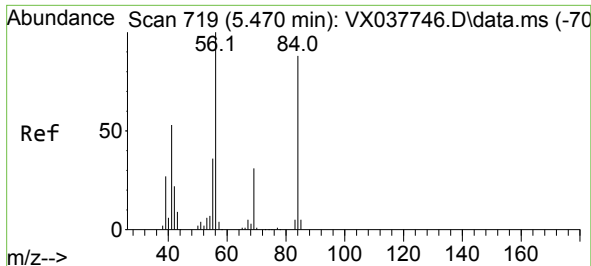
84 100

49 79.5 103.6 155.4#

51 43.5 33.8 50.6

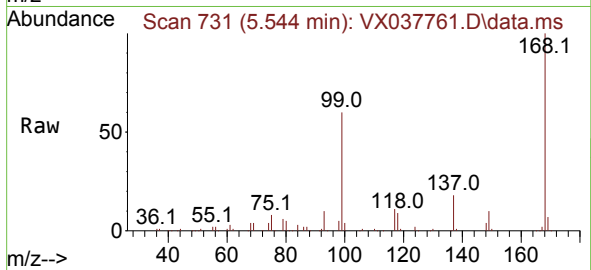
86 58.6 49.4 74.0



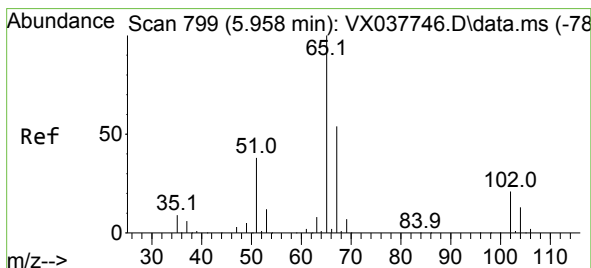
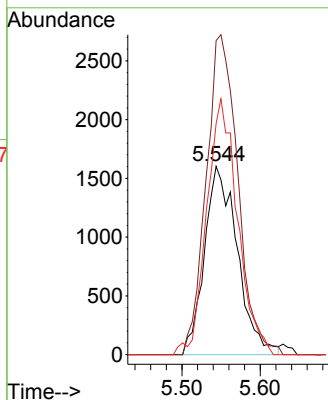
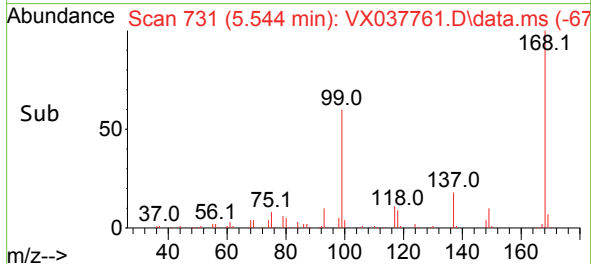


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-C-20230914

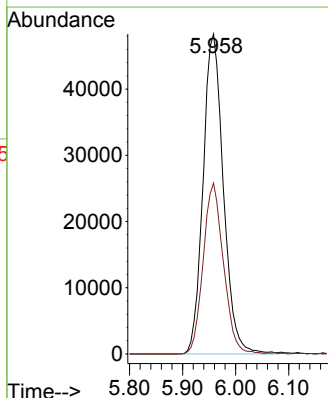
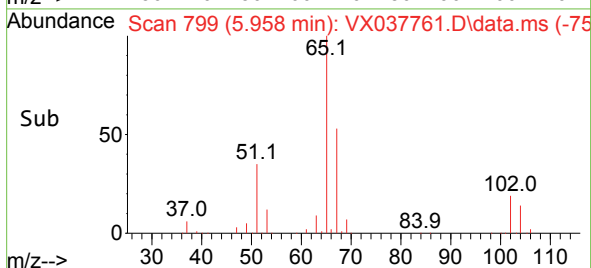
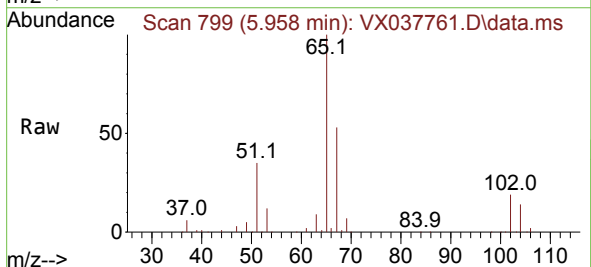


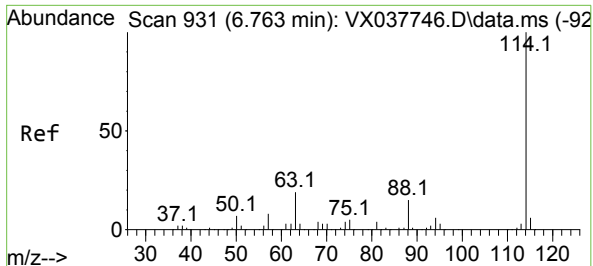
Tgt Ion: 56 Resp: 4679
Ion Ratio Lower Upper
56 100
69 166.7 23.4 35.2#
84 122.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.405 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

Tgt Ion: 65 Resp: 128629
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

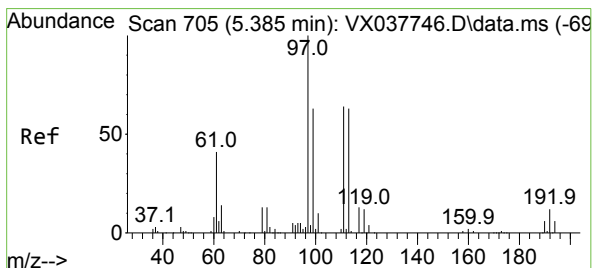
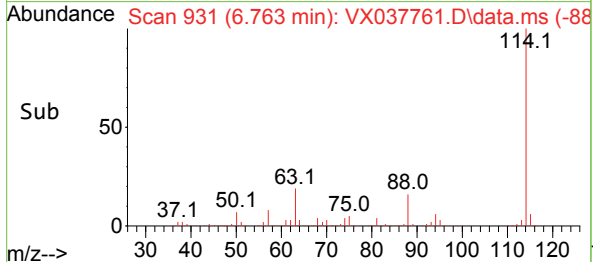
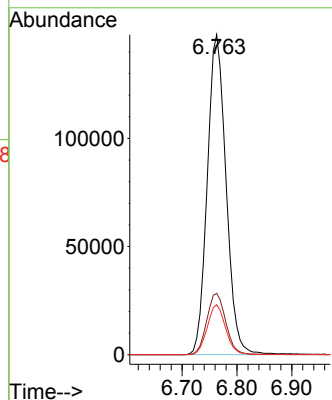
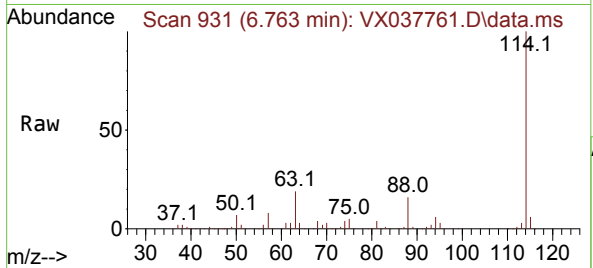




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

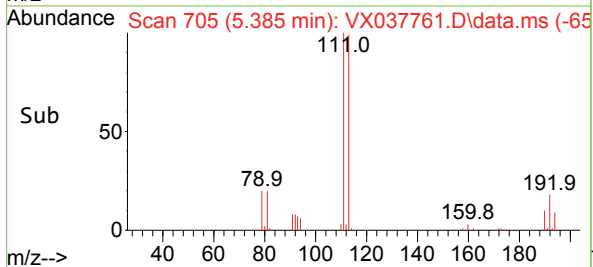
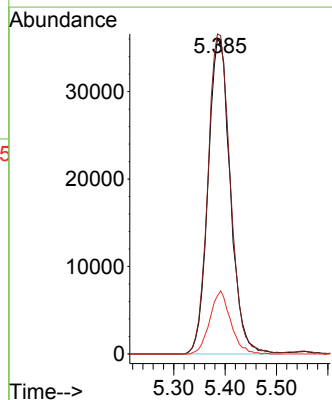
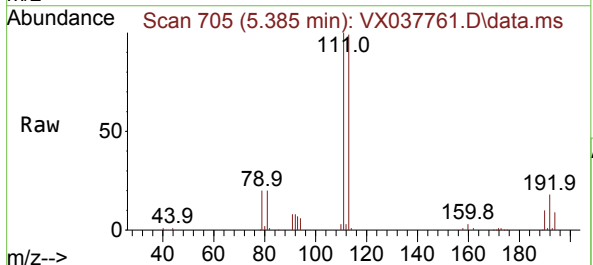
Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-C-20230914

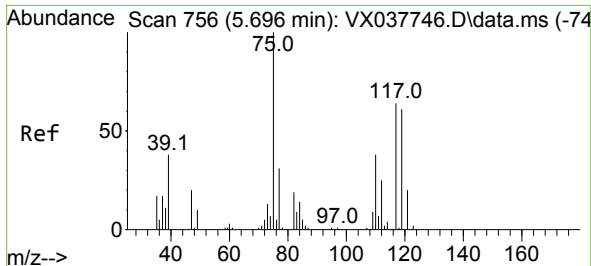
Tgt Ion:114 Resp: 351676
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.896 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

Tgt Ion:113 Resp: 107996
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.8 13.3 19.9

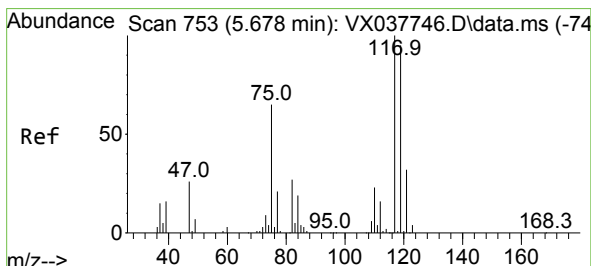
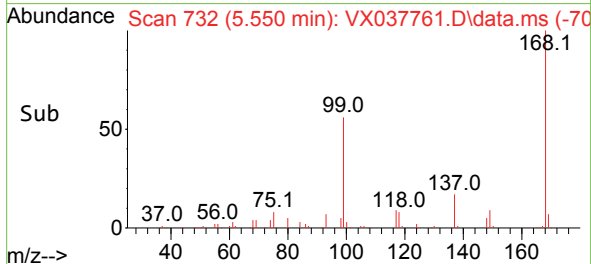
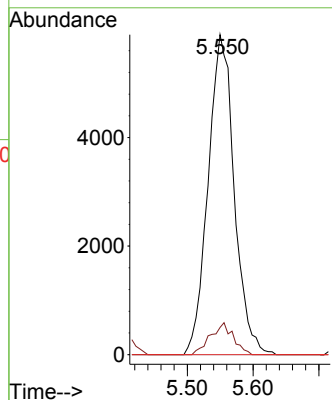
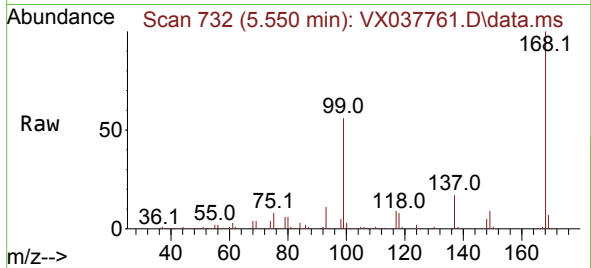




#36
1,1-Dichloropropene
Concen: 5.025 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

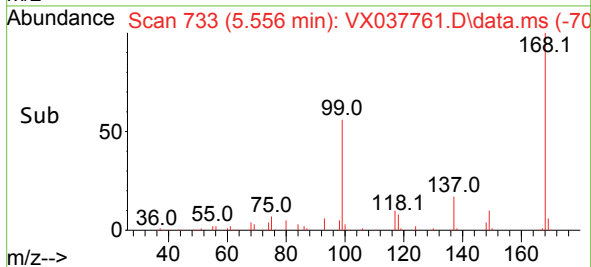
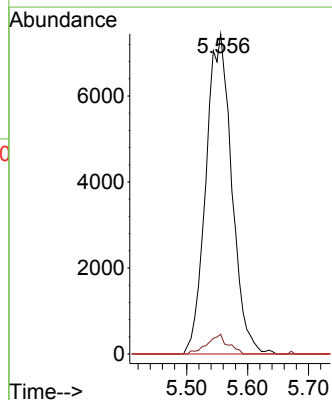
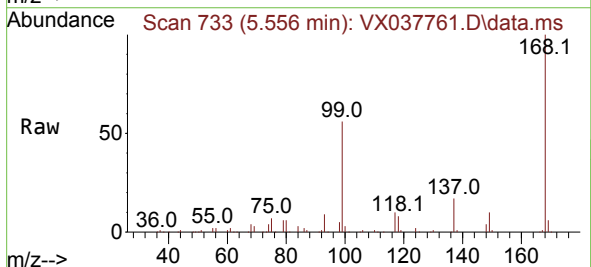
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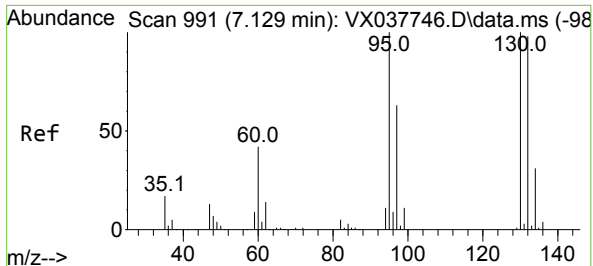
Tgt Ion: 75 Resp: 16289
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.457 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

Tgt Ion: 117 Resp: 21899
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#

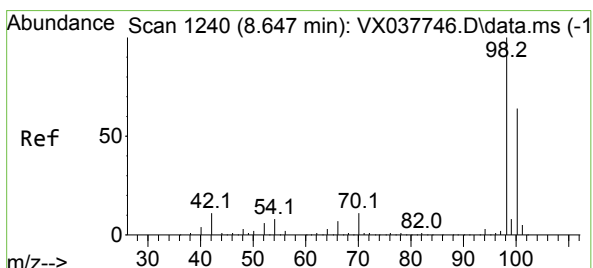
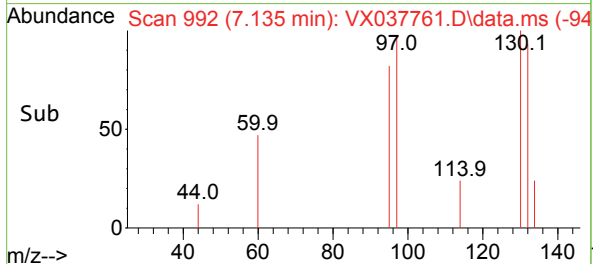
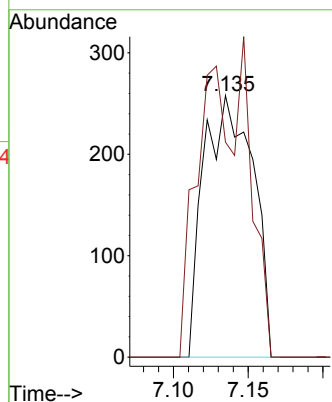
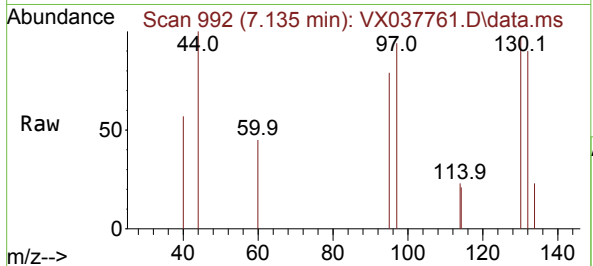




#44
Trichloroethene
Concen: 0.212 ug/l
RT: 7.135 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

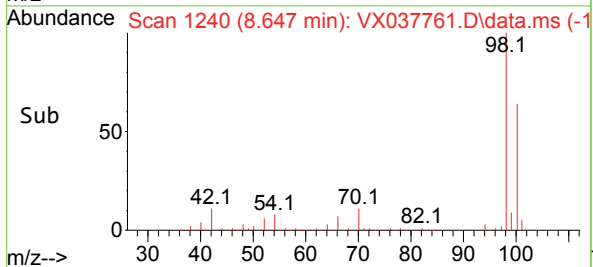
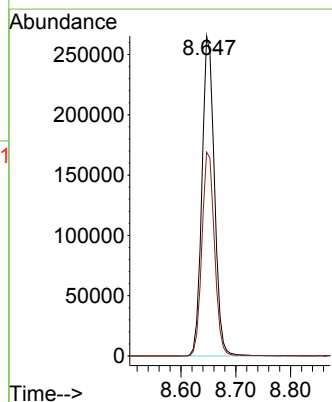
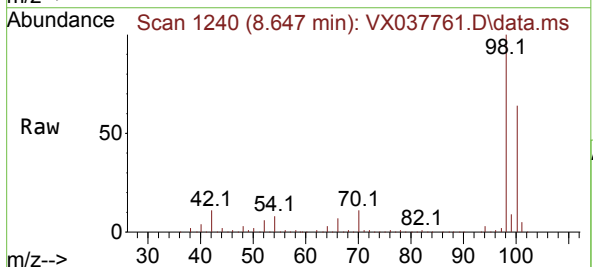
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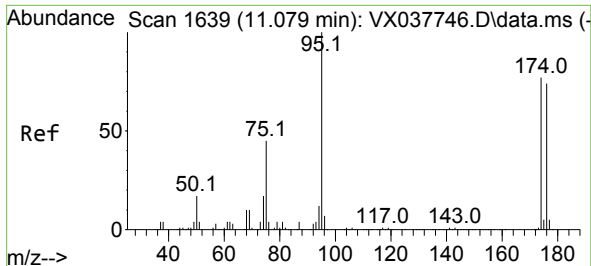
Tgt Ion:130 Resp: 589
Ion Ratio Lower Upper
130 100
95 82.2 0.0 204.4



#50
Toluene-d8
Concen: 47.876 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

Tgt Ion: 98 Resp: 418584
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

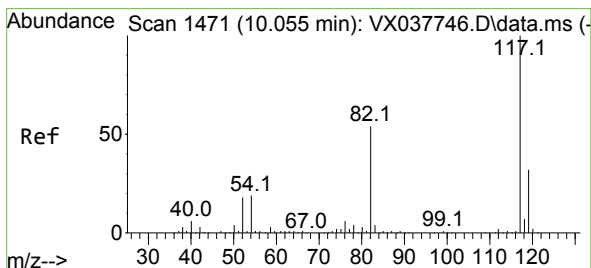
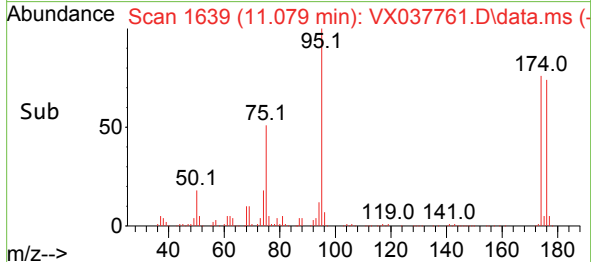
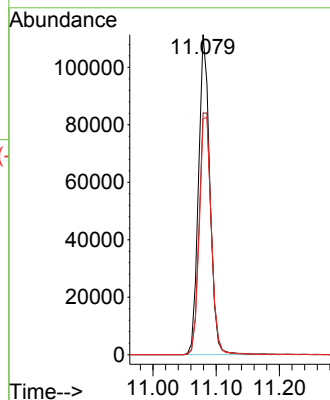
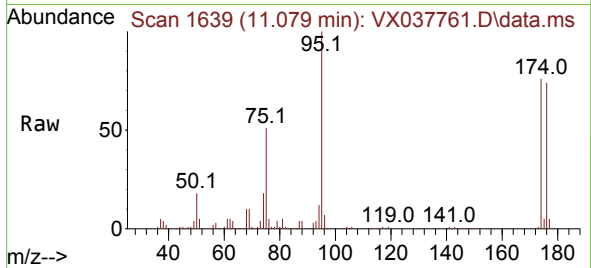




#62
4-Bromofluorobenzene
Concen: 43.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

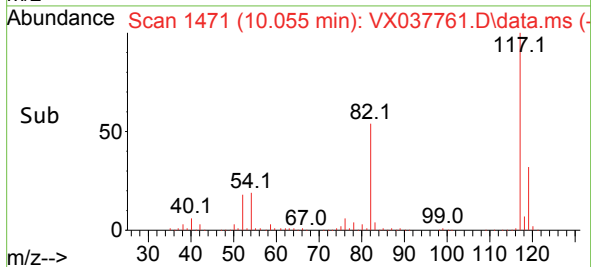
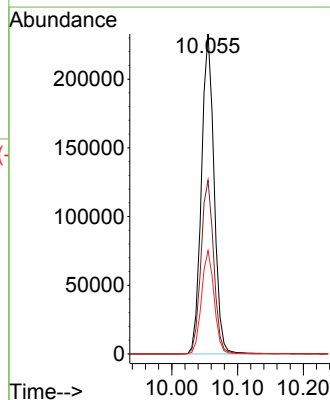
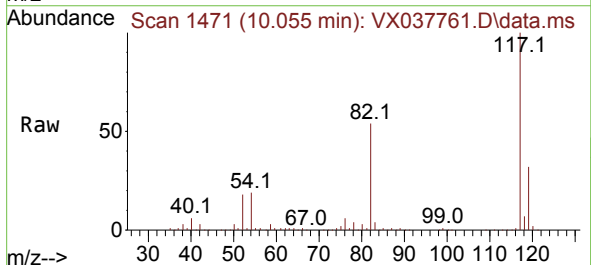
Instrument :
MSVOA_X
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RE137BASIN-C-20230914

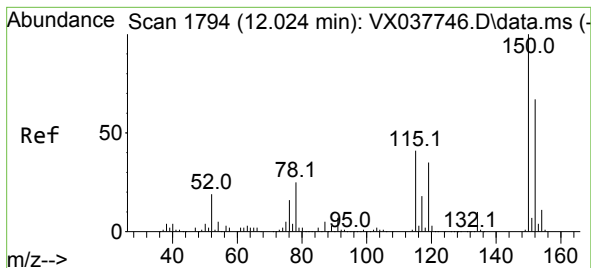
Tgt Ion: 95 Resp: 139451
Ion Ratio Lower Upper
95 100
174 80.8 0.0 135.6
176 78.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

Tgt Ion: 117 Resp: 311715
Ion Ratio Lower Upper
117 100
82 54.2 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# 1

Delta R.T. -0.000 min

Lab File: VX037761.D

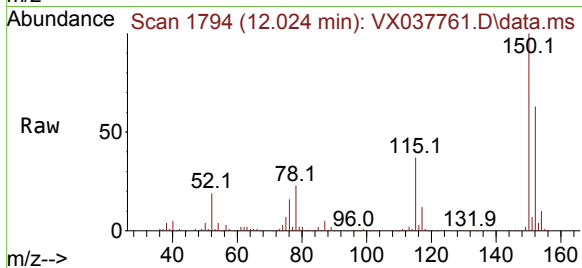
Acq: 15 Sep 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

RE137BASIN-C-20230914



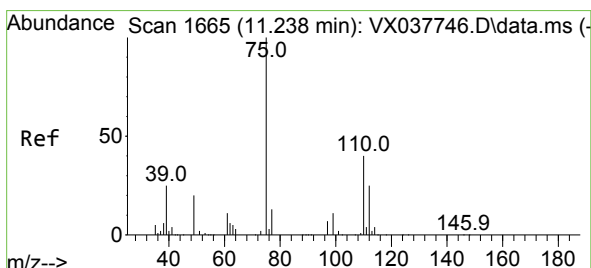
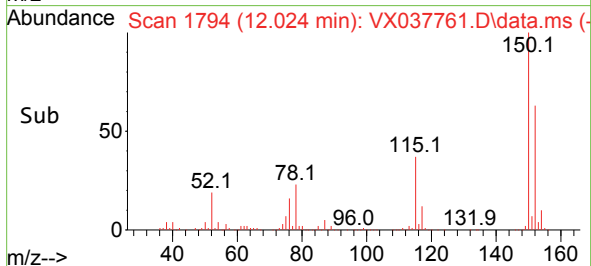
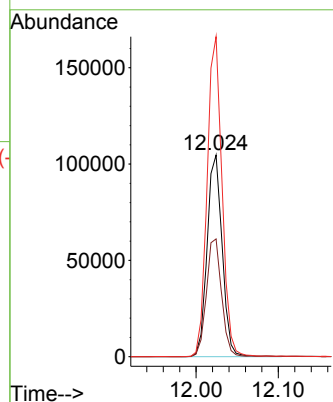
Tgt Ion:152 Resp: 133136

Ion Ratio Lower Upper

152 100

115 58.9 43.3 129.9

150 157.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.057 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037761.D

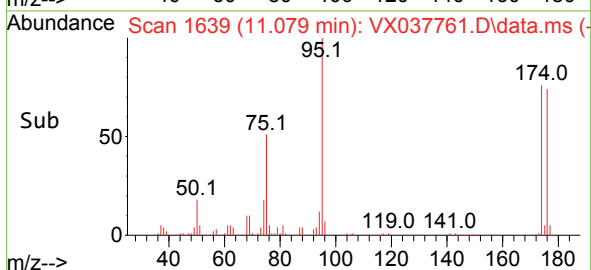
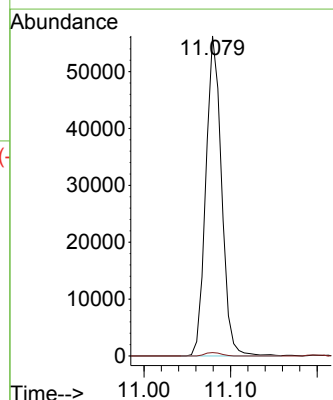
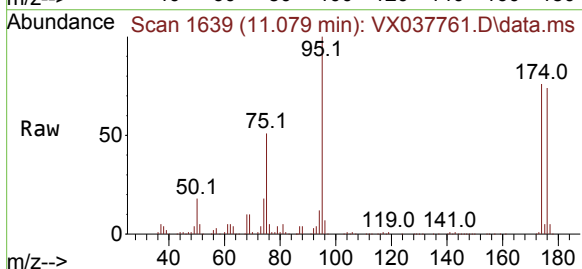
Acq: 15 Sep 2023 17:41

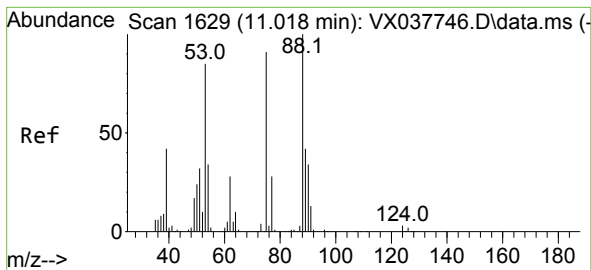
Tgt Ion: 75 Resp: 70998

Ion Ratio Lower Upper

75 100

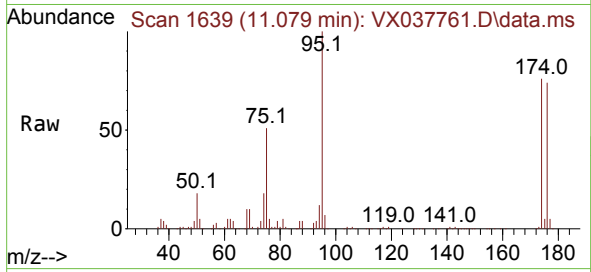
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.858 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037761.D
Acq: 15 Sep 2023 17:41

Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-C-20230914



Tgt Ion: 75 Resp: 70998
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

