

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037763.D
 Acq On : 15 Sep 2023 18:30
 Operator : JC/MD
 Sample : 04459-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137BASIN-A-20230914

Quant Time: Sep 16 05:48:18 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)

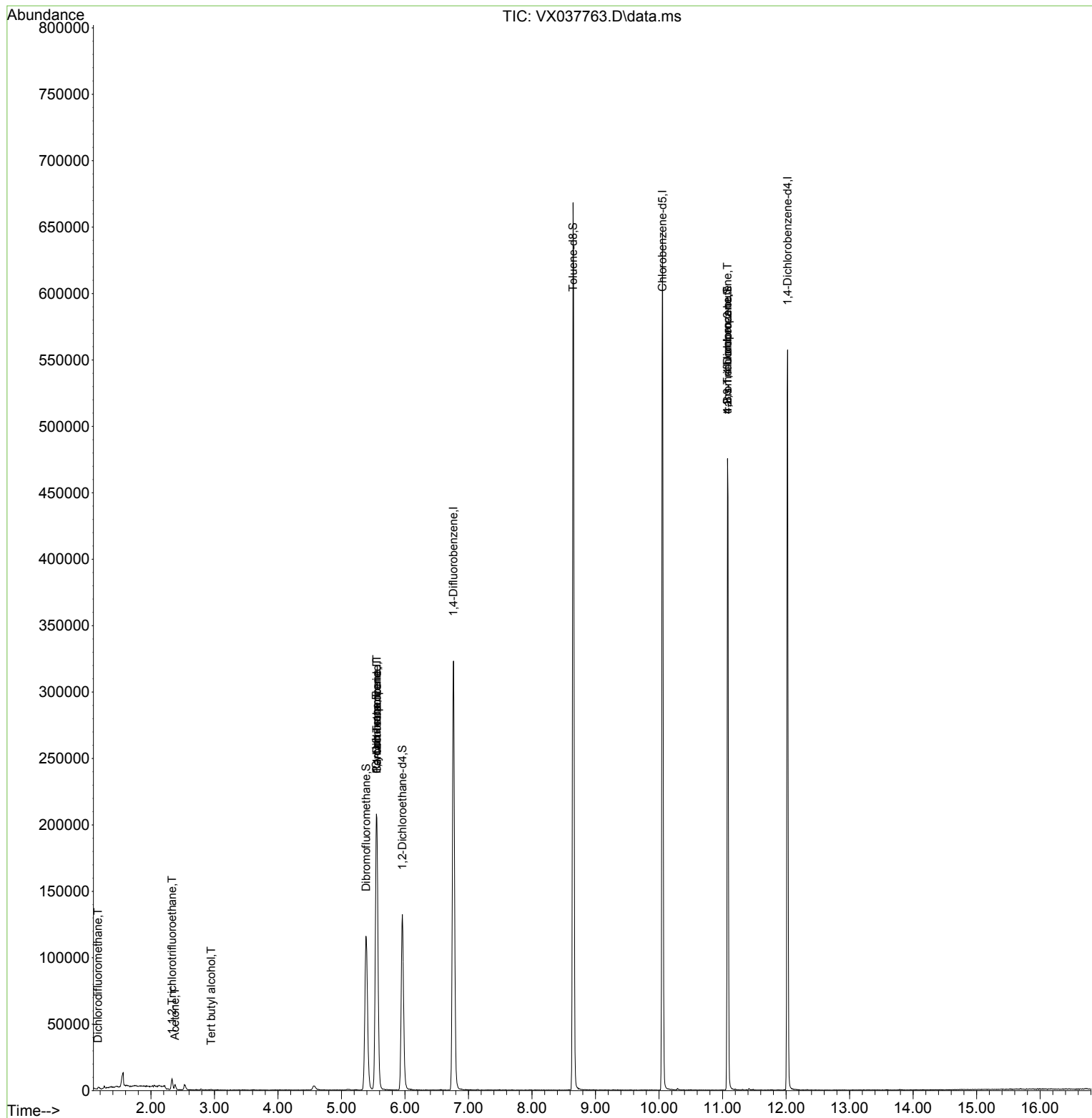
Internal Standards						
1) Pentafluorobenzene	5.556	168	202644	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	334491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123495	46.384	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.760%
35) Dibromofluoromethane	5.385	113	103123	46.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.647	98	398207	47.885	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.760%
62) 4-Bromofluorobenzene	11.079	95	126696	41.927	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	433	0.203	ug/l	# 67
9) 1,1,2-Trichlorotrifluo...	2.331	101	2927	1.431	ug/l	93
11) Tert butyl alcohol	2.947	59	116	0.203	ug/l	# 78
16) Acetone	2.380	43	4168	3.254	ug/l	93
31) Cyclohexane	5.550	56	4213	1.233	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	15824	5.133	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	20822	6.455	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	63733	23.374	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	63733	74.877	ug/l	# 5

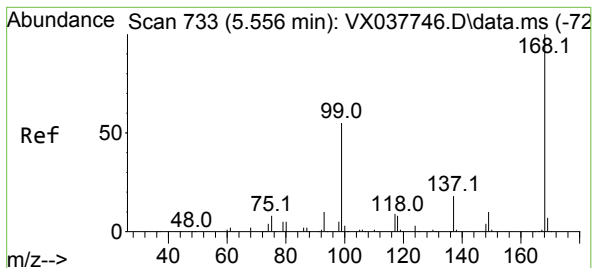
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX037763.D

Acq: 15 Sep 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

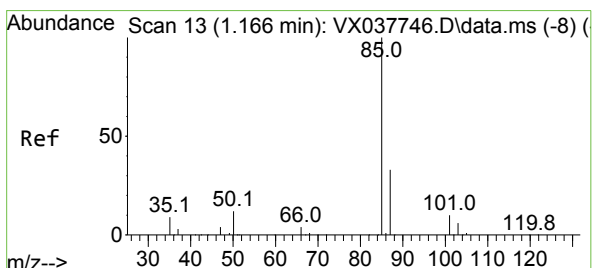
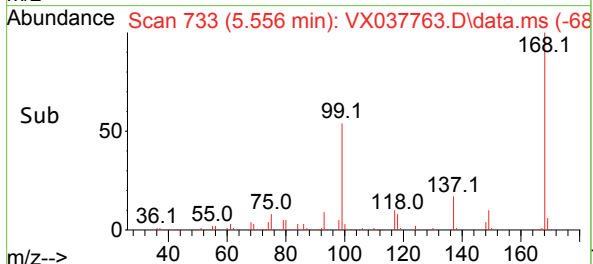
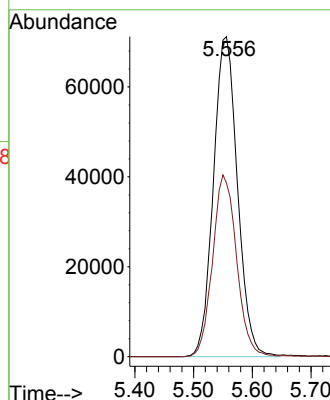
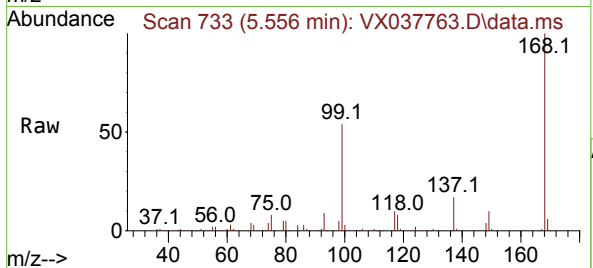
RE137BASIN-A-20230914

Tgt Ion:168 Resp: 202644

Ion Ratio Lower Upper

168 100

99 54.3 56.6 85.0#



#2

Dichlorodifluoromethane

Concen: 0.203 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX037763.D

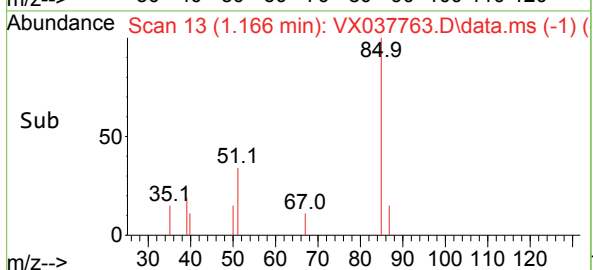
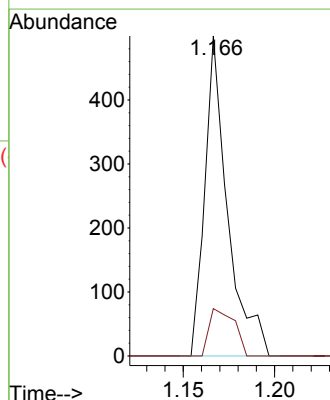
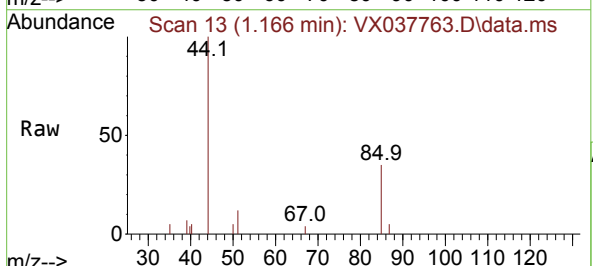
Acq: 15 Sep 2023 18:30

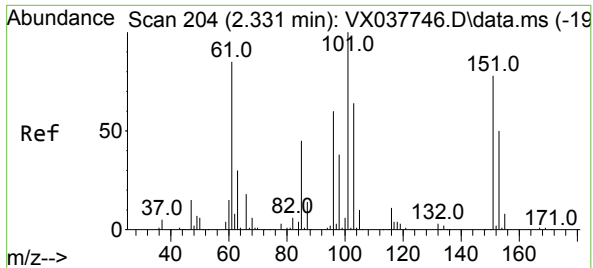
Tgt Ion: 85 Resp: 433

Ion Ratio Lower Upper

85 100

87 14.8 16.7 50.1#

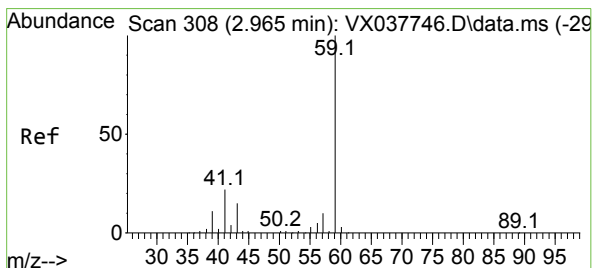
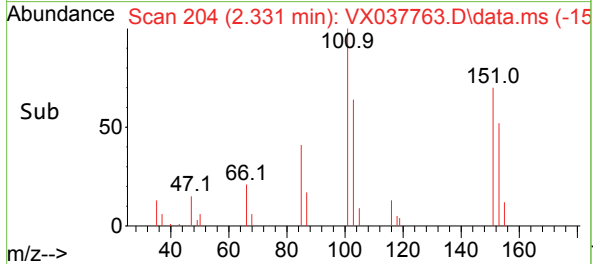
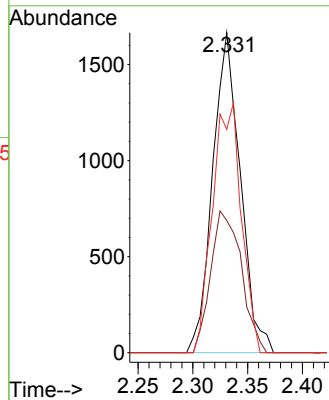
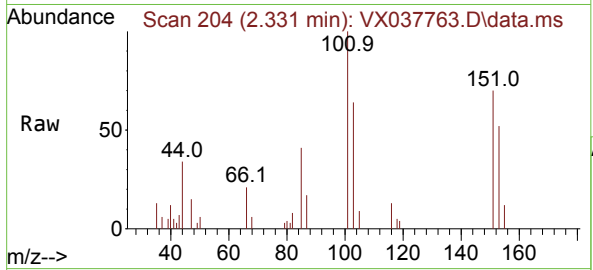




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.431 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

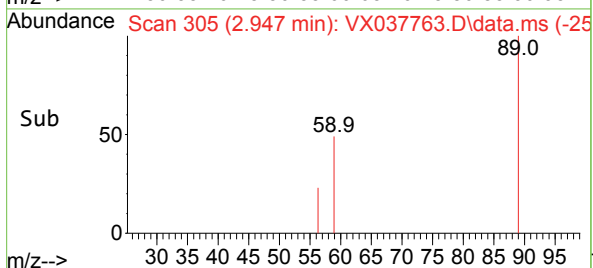
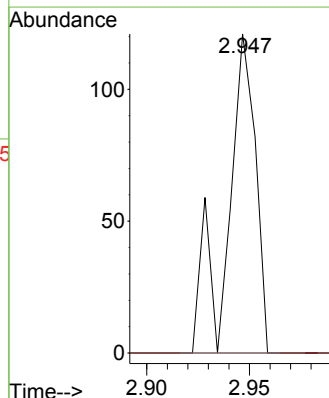
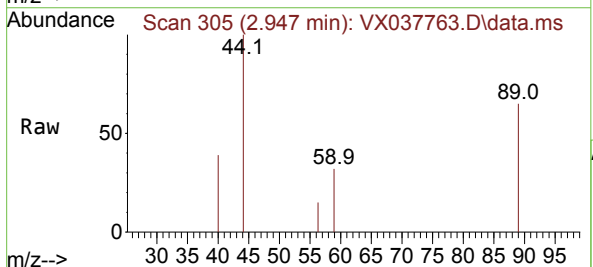
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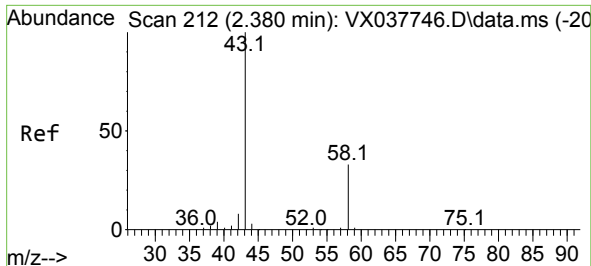
Tgt Ion:101 Resp: 2927
Ion Ratio Lower Upper
101 100
85 49.0 37.0 55.6
151 81.2 58.6 87.8



#11
Tert butyl alcohol
Concen: 0.203 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

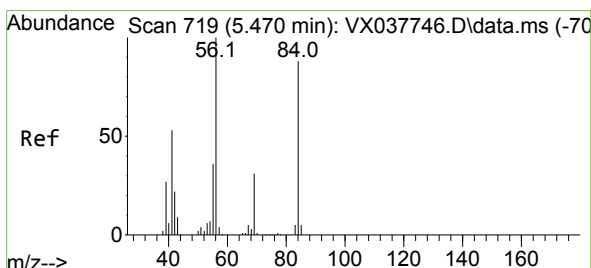
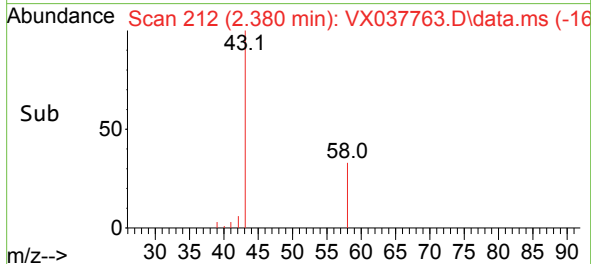
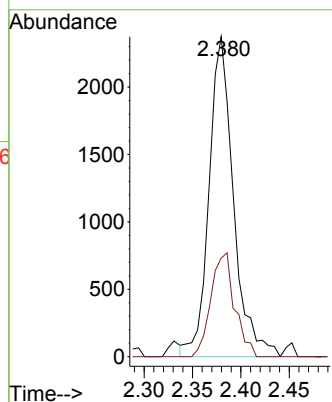
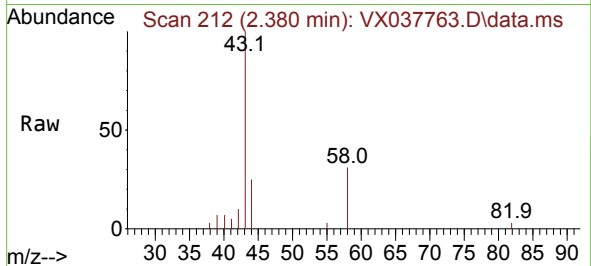




#16
Acetone
Concen: 3.254 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

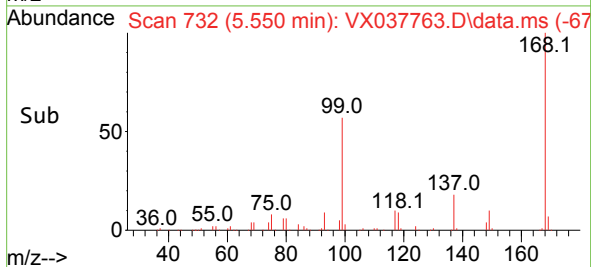
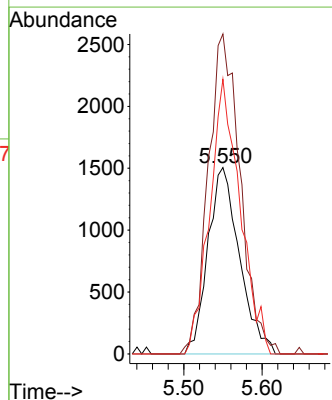
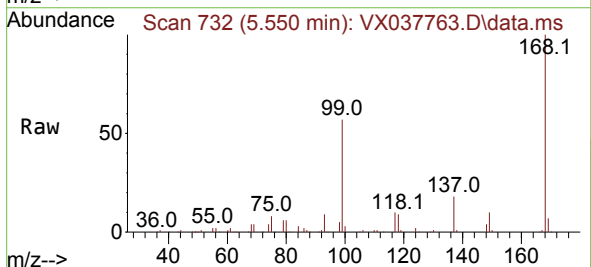
Instrument : MSVOA_X
ClientSampleId : RE137BASIN-A-20230914

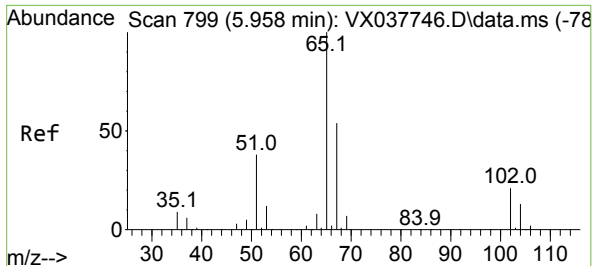
Tgt Ion: 43 Resp: 4168
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

Tgt Ion: 56 Resp: 4213
Ion Ratio Lower Upper
56 100
69 171.6 23.4 35.2#
84 147.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.384 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037763.D

Acq: 15 Sep 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

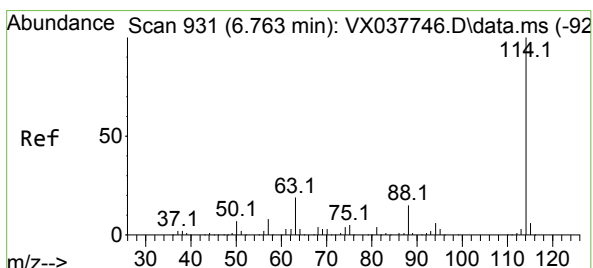
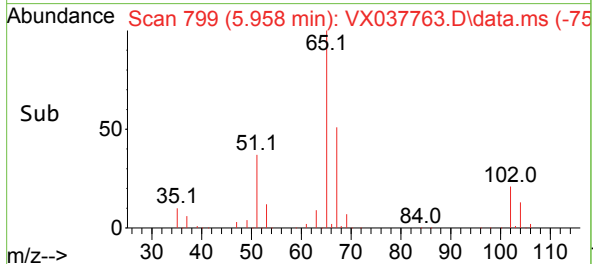
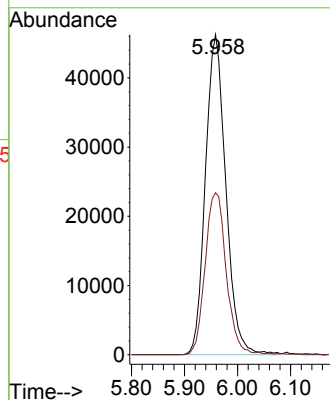
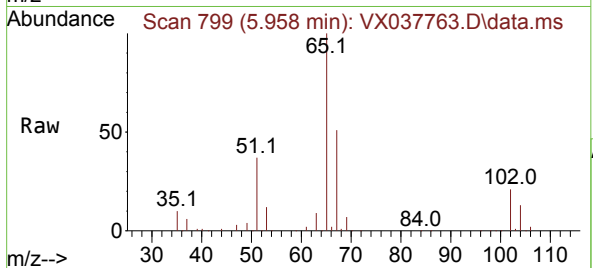
RE137BASIN-A-20230914

Tgt Ion: 65 Resp: 123495

Ion Ratio Lower Upper

65 100

67 52.5 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: VX037763.D

Acq: 15 Sep 2023 18:30

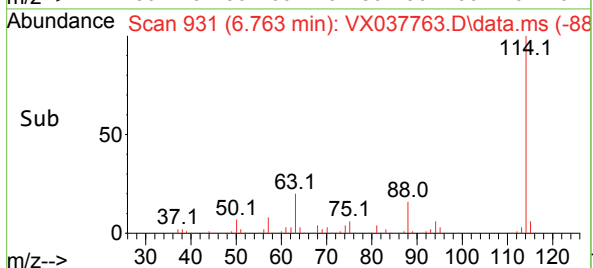
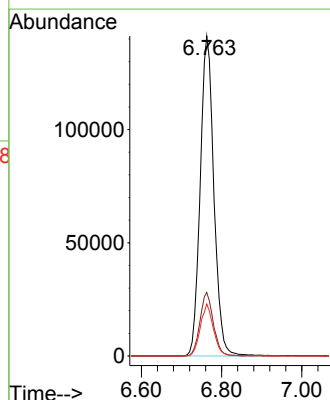
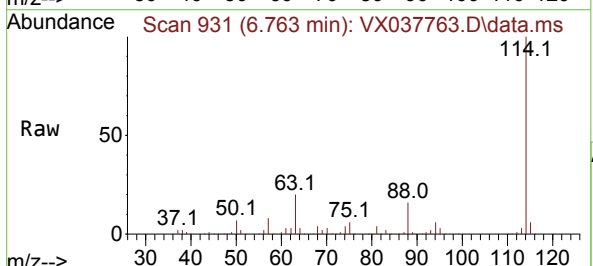
Tgt Ion: 114 Resp: 334491

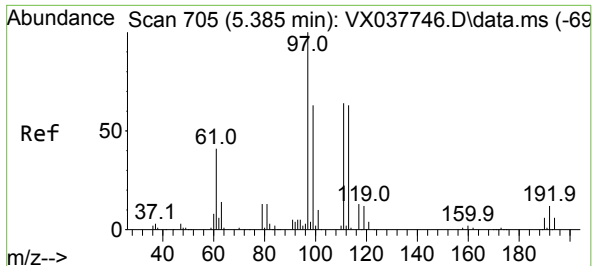
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 16.2 0.0 36.6

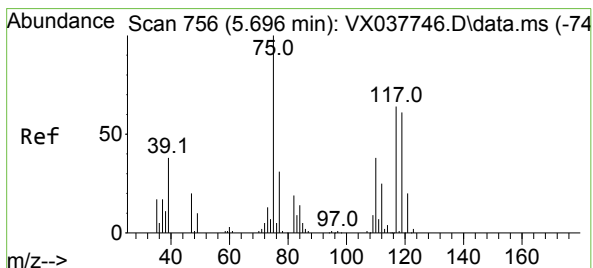
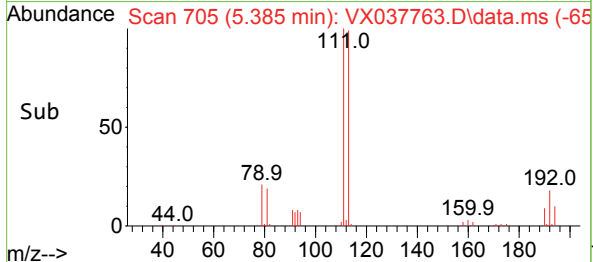
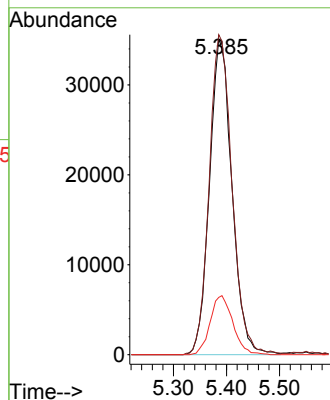
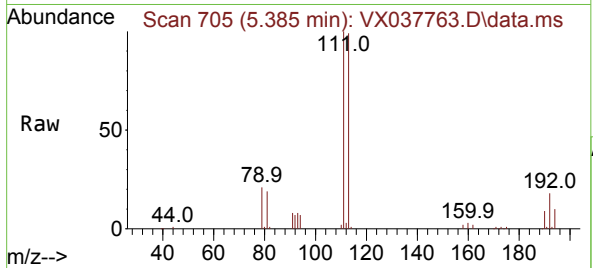




#35
Dibromofluoromethane
Concen: 46.076 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

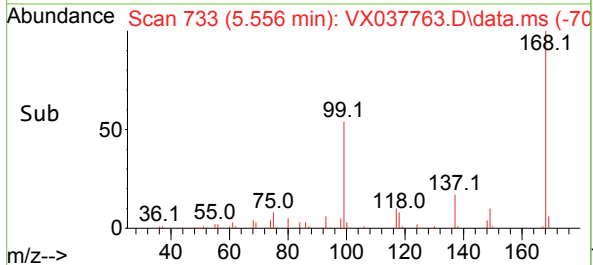
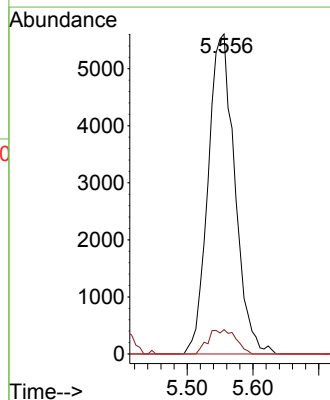
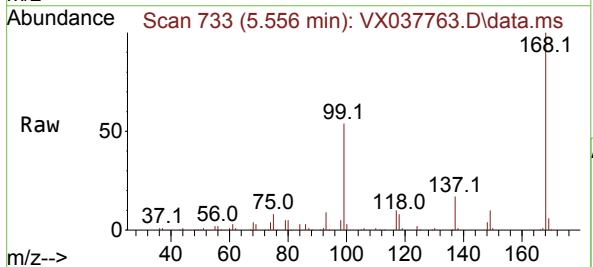
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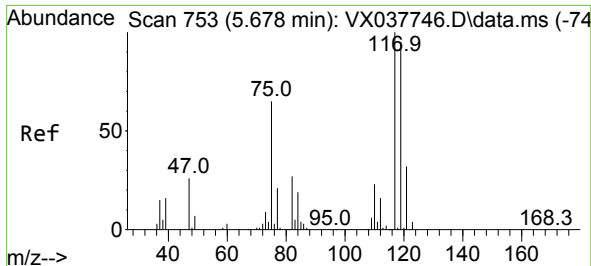
Tgt Ion:113 Resp: 103123
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.133 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

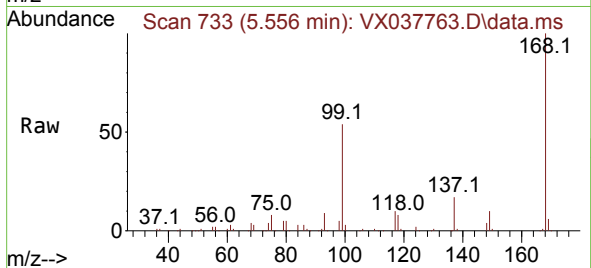
Tgt Ion: 75 Resp: 15824
Ion Ratio Lower Upper
75 100
110 3.9 17.0 50.9#
77 0.0 24.7 37.1#



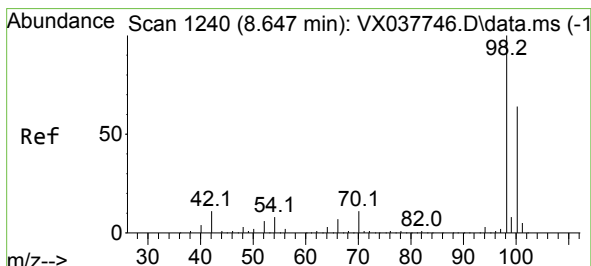
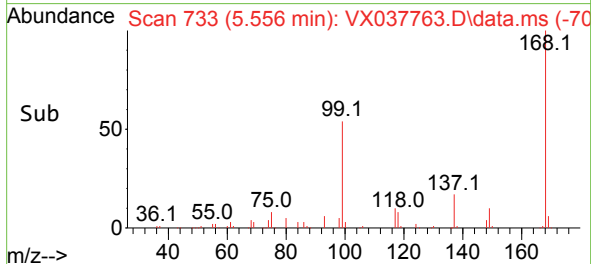
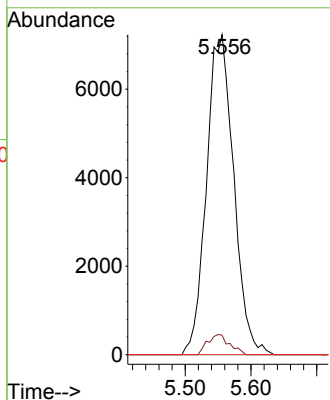


#38
Carbon Tetrachloride
Concen: 6.455 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

Instrument :
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ClientSampleId :
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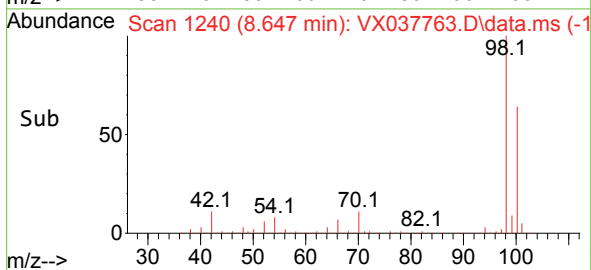
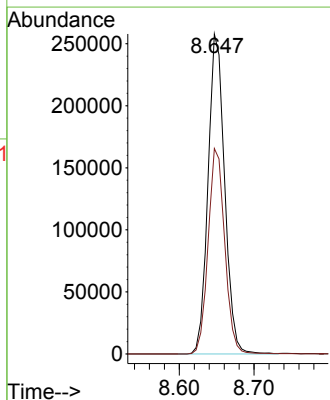
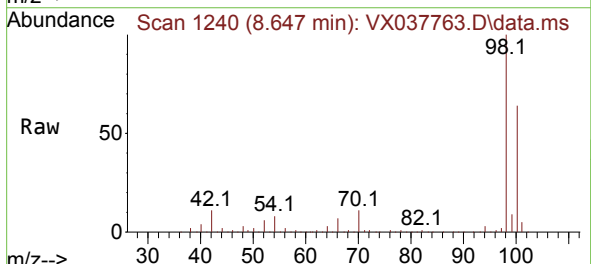


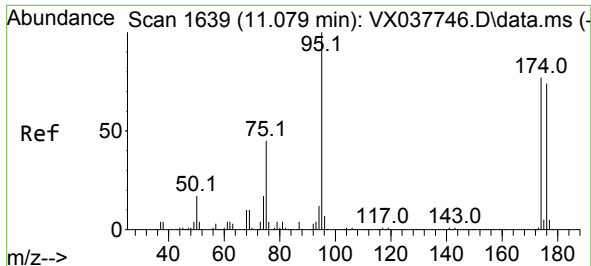
Tgt Ion:117 Resp: 20822
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.885 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

Tgt Ion: 98 Resp: 398207
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

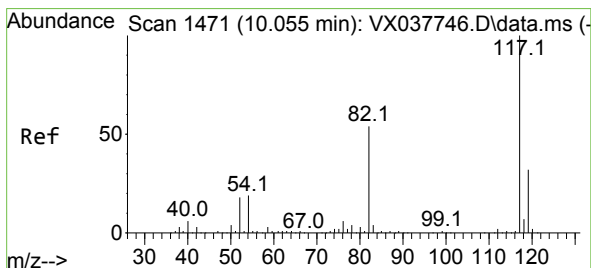
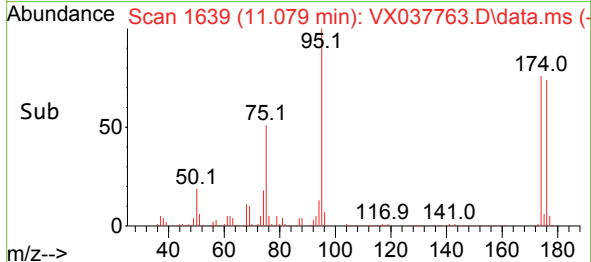
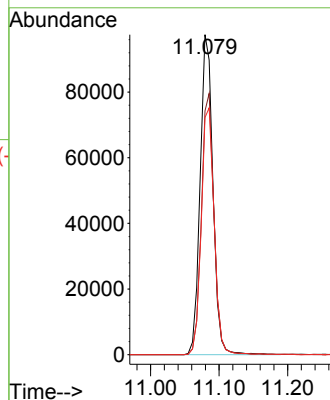
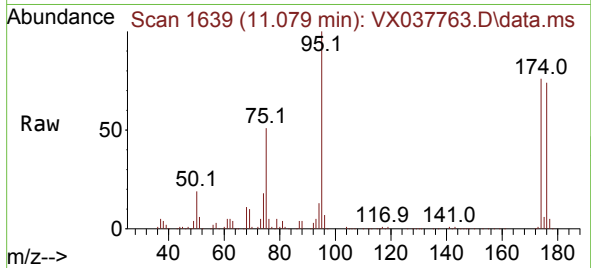




#62
4-Bromofluorobenzene
Concen: 41.927 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

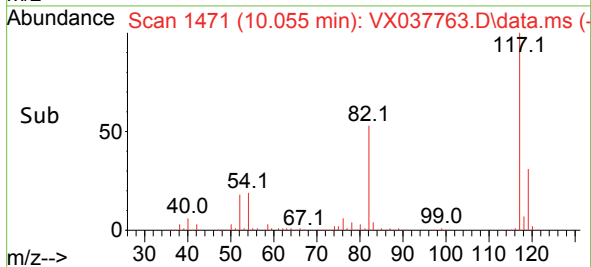
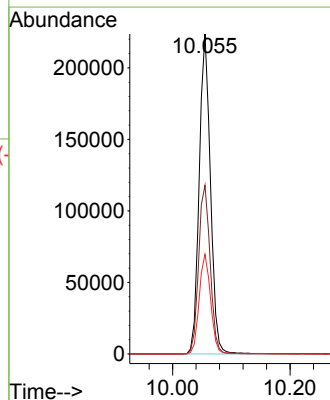
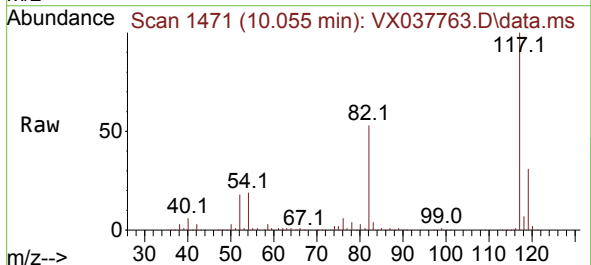
Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-A-20230914

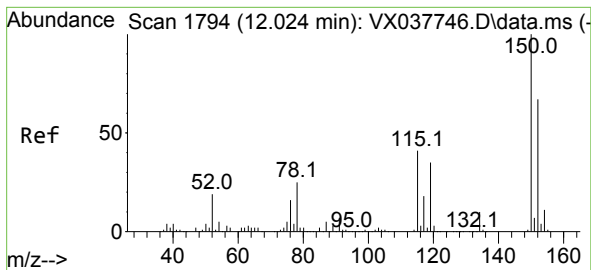
Tgt Ion: 95 Resp: 126696
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 77.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

Tgt Ion: 117 Resp: 295880
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 31.1 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: VX037763.D

Acq: 15 Sep 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

RE137BASIN-A-20230914

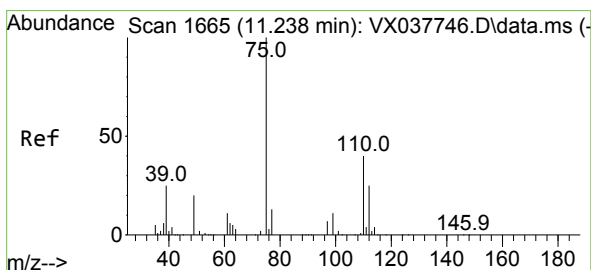
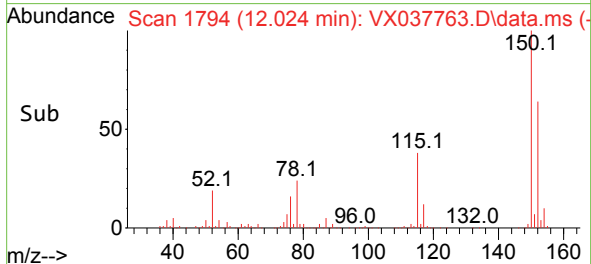
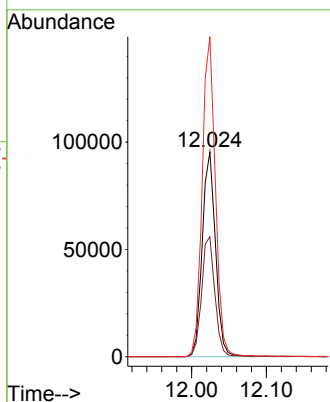
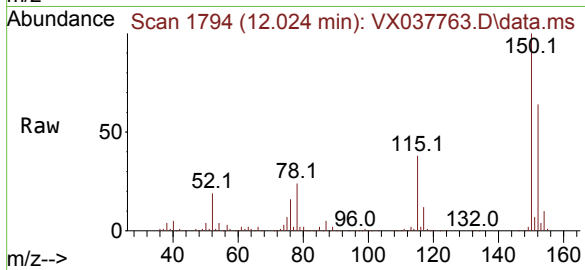
Tgt Ion:152 Resp: 117887

Ion Ratio Lower Upper

152 100

115 58.6 43.3 129.9

150 154.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.374 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037763.D

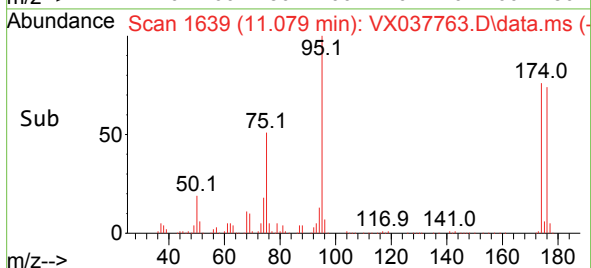
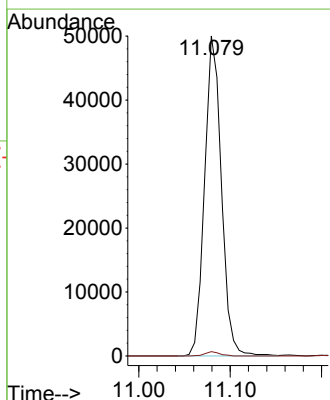
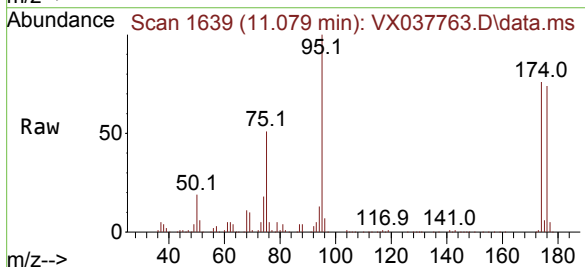
Acq: 15 Sep 2023 18:30

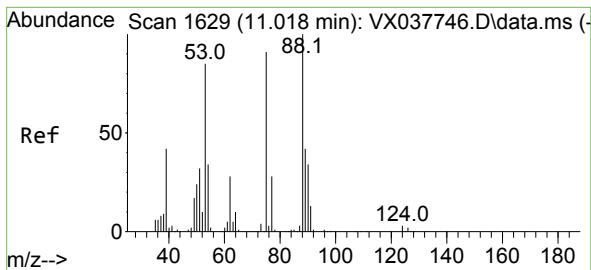
Tgt Ion: 75 Resp: 63733

Ion Ratio Lower Upper

75 100

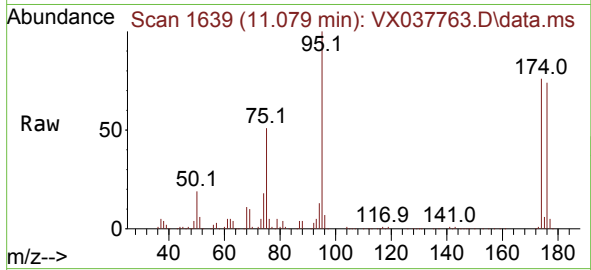
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.877 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037763.D
Acq: 15 Sep 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE137BASIN-A-20230914



Tgt Ion: 75 Resp: 63733
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

