

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037110.D
 Acq On : 19 Aug 2023 05:37
 Operator : JC/MD
 Sample : 04024-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20230815

Quant Time: Aug 21 01:41:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

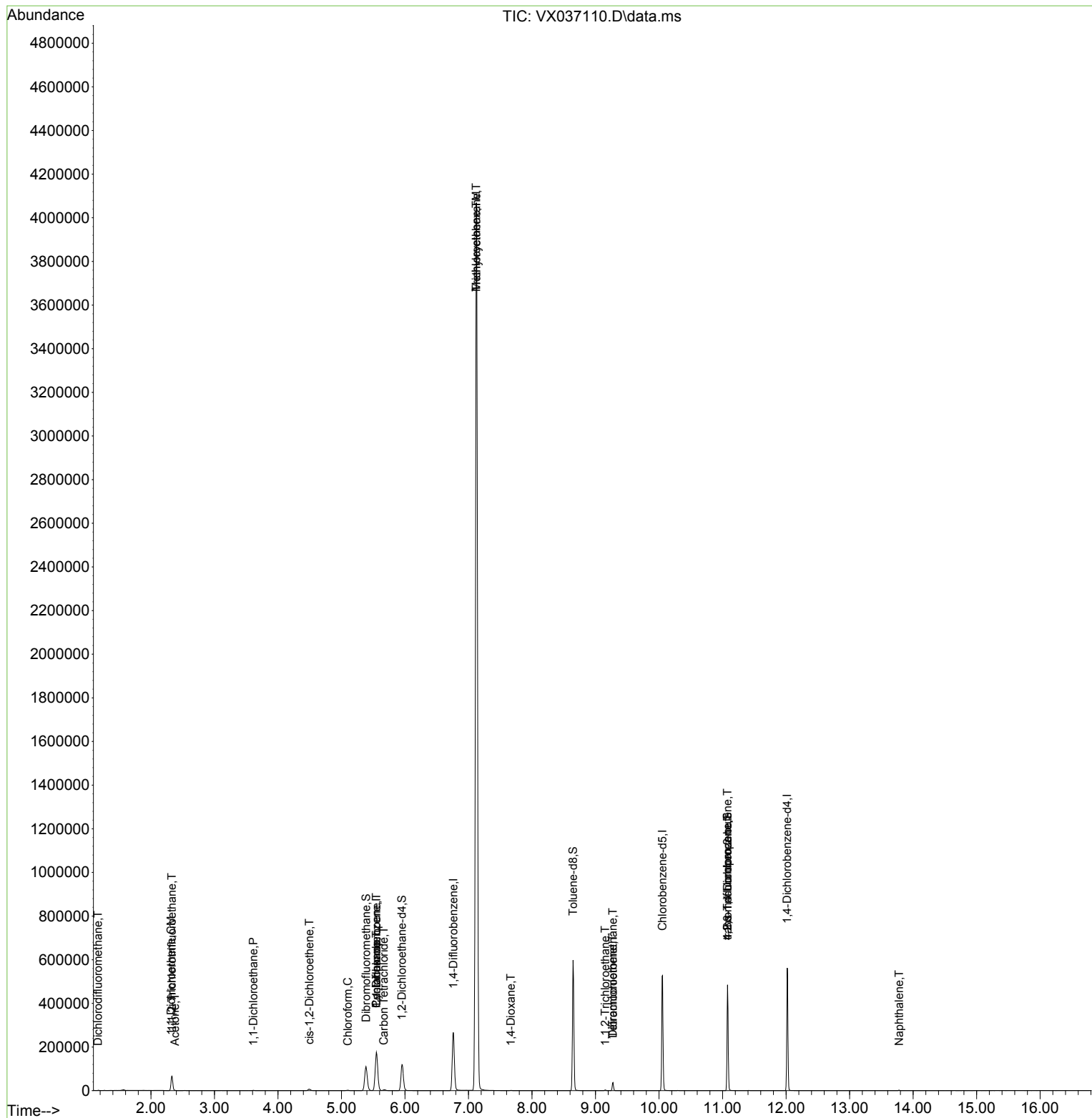
Internal Standards						
1) Pentafluorobenzene	5.550	168	160465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	280072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122950	53.147	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.300%
35) Dibromofluoromethane	5.385	113	95934	51.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.440%
50) Toluene-d8	8.647	98	351668	52.267	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.540%
62) 4-Bromofluorobenzene	11.079	95	131404	49.697	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	536	0.288	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	22761	13.418	ug/l	96
12) 1,1-Dichloroethene	2.319	96	5659	3.426	ug/l	86
16) Acetone	2.380	43	775	0.856	ug/l	99
24) 1,1-Dichloroethane	3.611	63	1865	0.567	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	4745	2.143	ug/l	77
30) Chloroform	5.099	83	2595	0.703	ug/l	90
31) Cyclohexane	5.550	56	3463	1.331	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12741	4.835	ug/l #	51
38) Carbon Tetrachloride	5.666	117	3965	1.385	ug/l #	78
39) Methylcyclohexane	7.123	83	19413	7.012	ug/l #	1
44) Trichloroethene	7.123	130	1602414	747.717	ug/l	97
49) 1,4-Dioxane	7.665	88	923	16.444	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	1028	0.506	ug/l	95
60) Dibromochloromethane	9.275	129	6650	3.072	ug/l #	11
64) Tetrachloroethene	9.275	164	7008	3.872	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	66800	27.600	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	66800	77.090	ug/l #	5
95) Naphthalene	13.780	128	2255	0.238	ug/l #	95

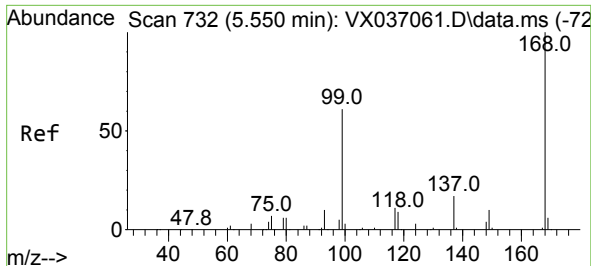
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE137-20230815

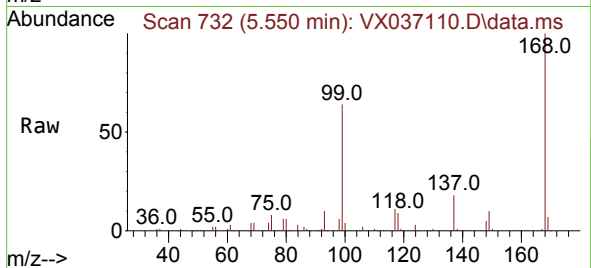
Quant Time: Aug 21 01:41:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



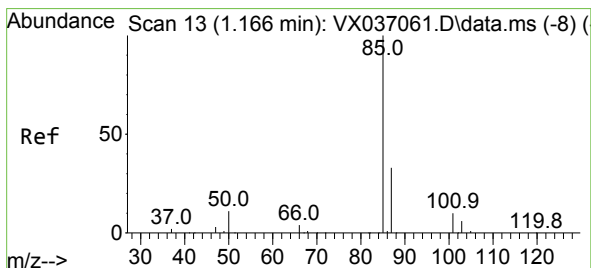
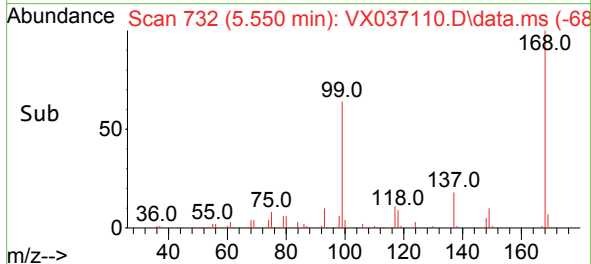
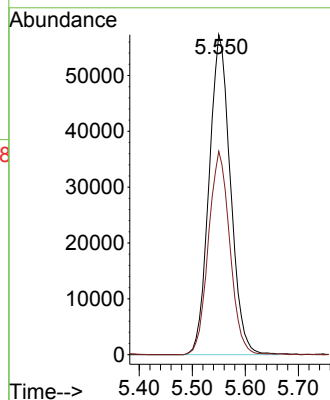


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

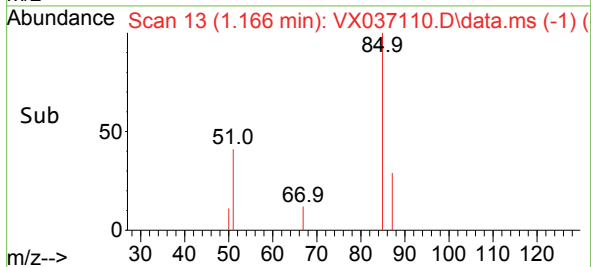
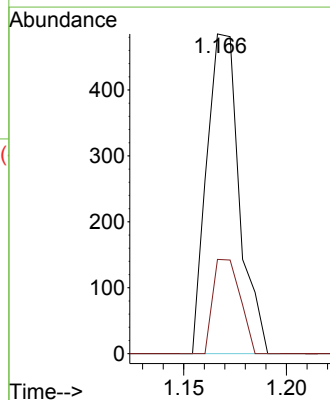
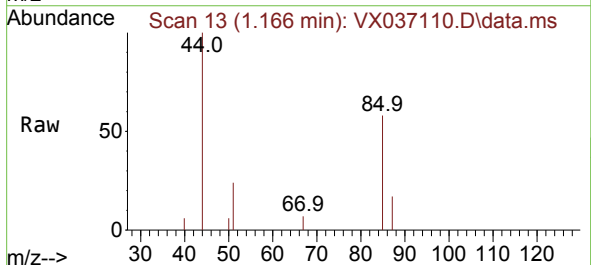


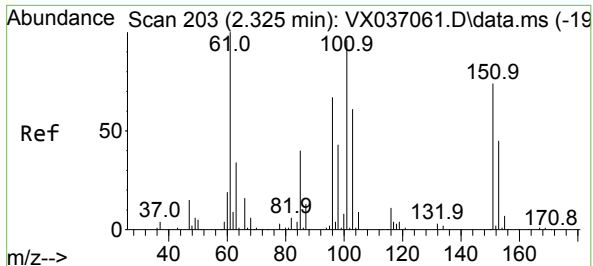
Tgt Ion:168 Resp: 160465
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.288 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion: 85 Resp: 536
Ion Ratio Lower Upper
85 100
87 29.5 16.7 50.1

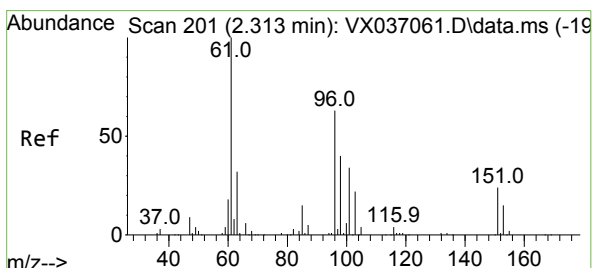
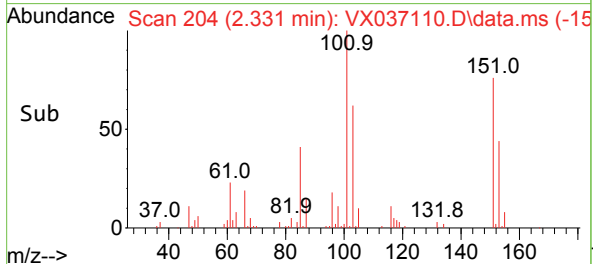
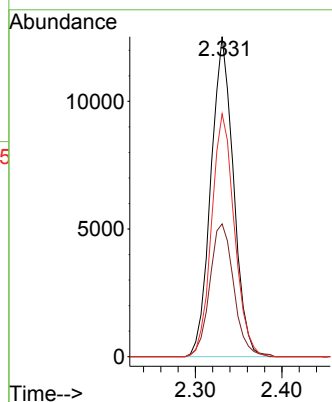
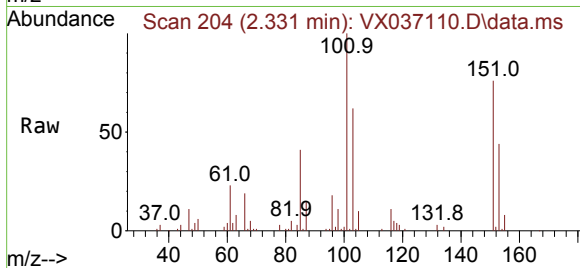




#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.418 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

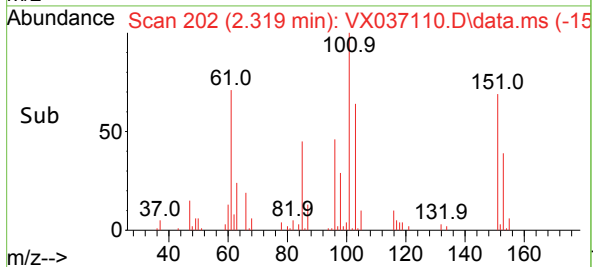
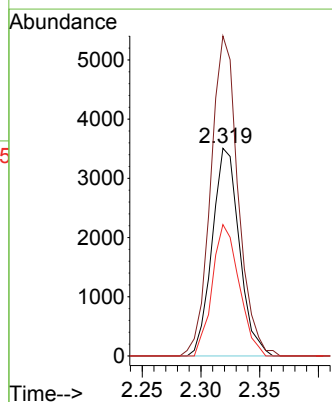
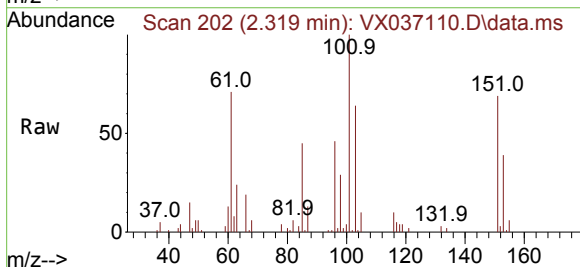
Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

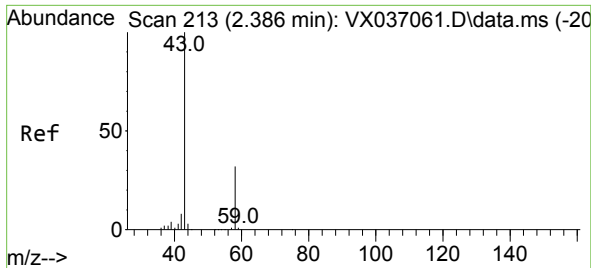
Tgt Ion:101 Resp: 22761
Ion Ratio Lower Upper
101 100
85 43.8 37.0 55.6
151 76.6 58.6 87.8



#12
1,1-Dichloroethene
Concen: 3.426 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion: 96 Resp: 5659
Ion Ratio Lower Upper
96 100
61 154.0 144.6 216.8
98 63.3 50.4 75.6





#16

Acetone

Concen: 0.856 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037110.D

Acq: 19 Aug 2023 05:37

Instrument :

MSVOA_X

ClientSampleId :

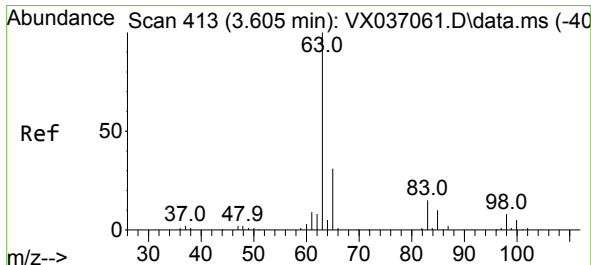
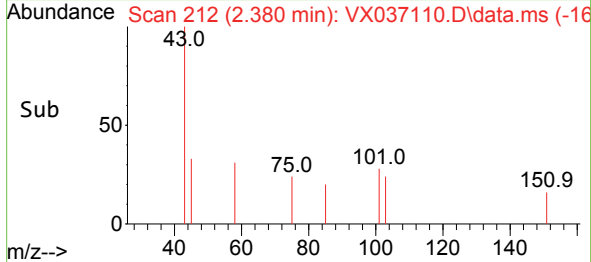
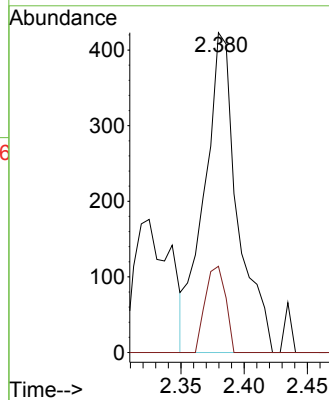
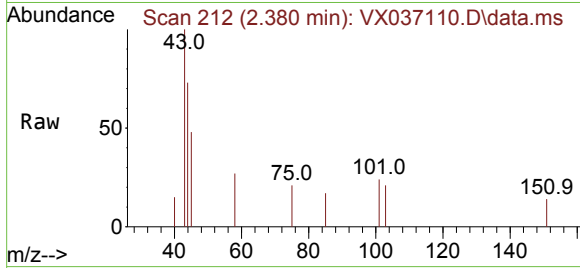
RE137-20230815

Tgt Ion: 43 Resp: 775

Ion Ratio Lower Upper

43 100

58 27.0 21.9 32.9



#24

1,1-Dichloroethane

Concen: 0.567 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX037110.D

Acq: 19 Aug 2023 05:37

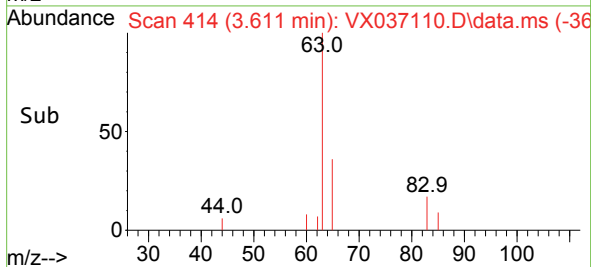
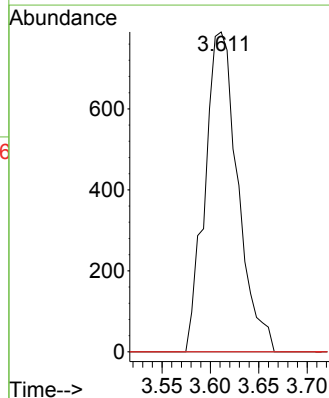
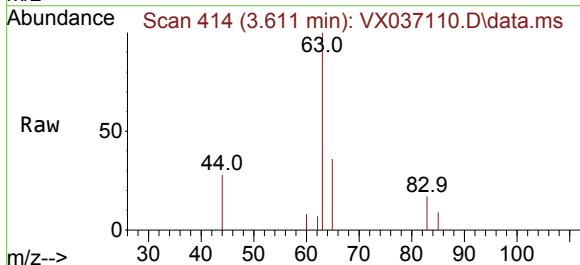
Tgt Ion: 63 Resp: 1865

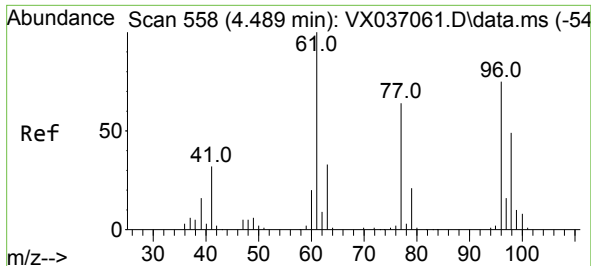
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.5#

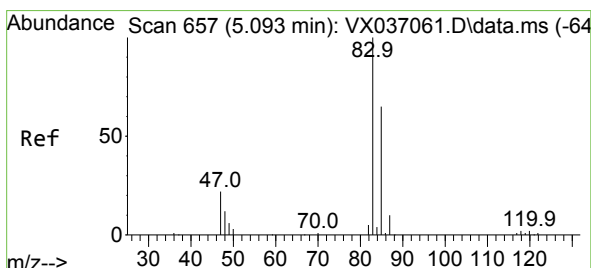
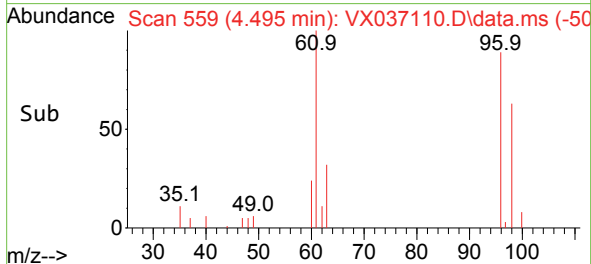
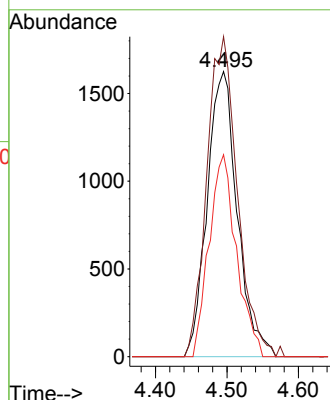
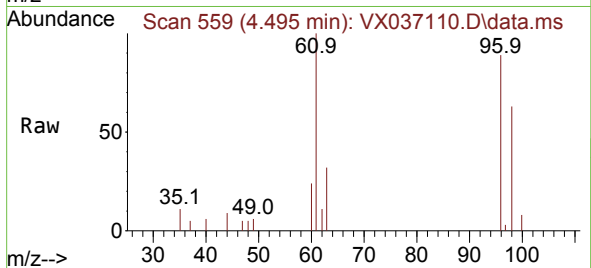




#27
cis-1,2-Dichloroethene
Concen: 2.143 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

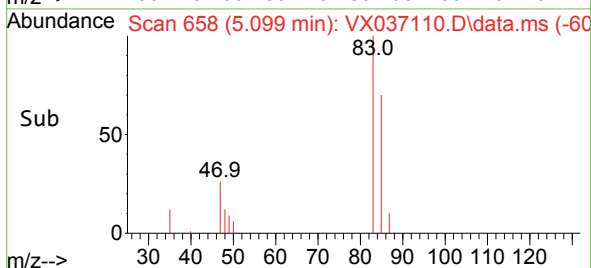
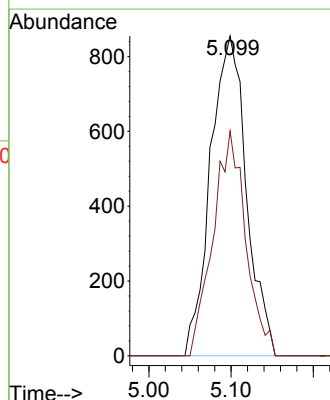
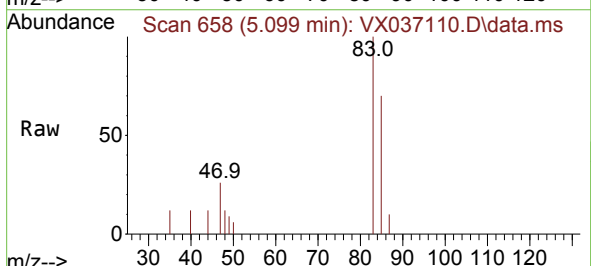
Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

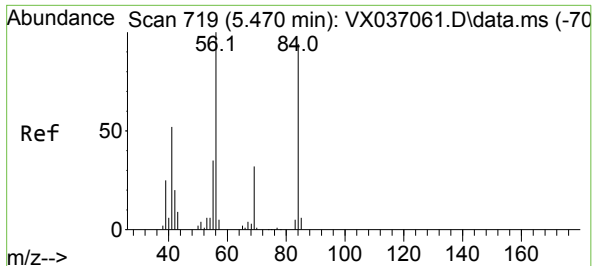
Tgt Ion: 96 Resp: 4745
Ion Ratio Lower Upper
96 100
61 114.4 0.0 312.2
98 64.4 0.0 129.0



#30
Chloroform
Concen: 0.703 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

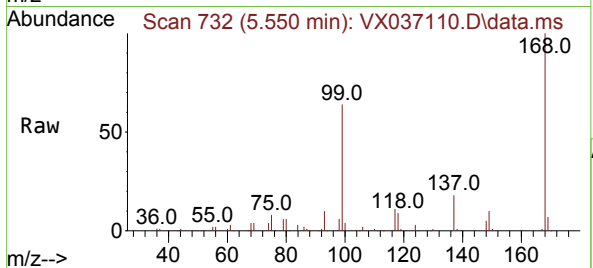
Tgt Ion: 83 Resp: 2595
Ion Ratio Lower Upper
83 100
85 70.3 50.3 75.5



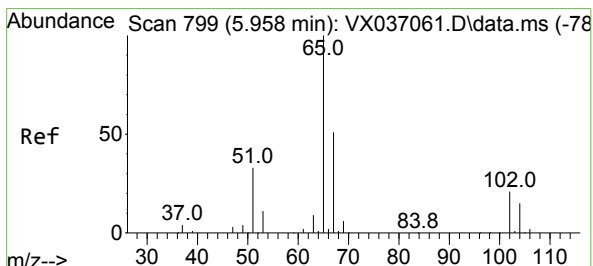
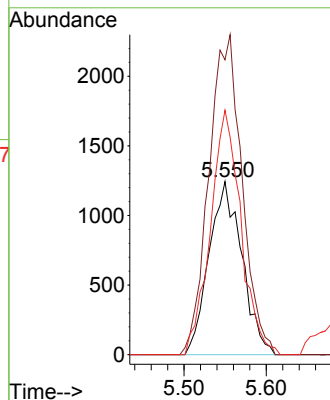
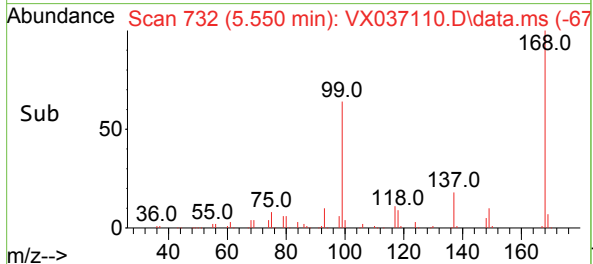


#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

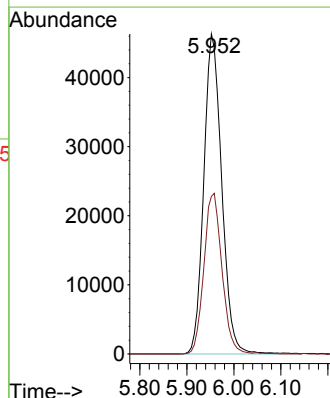
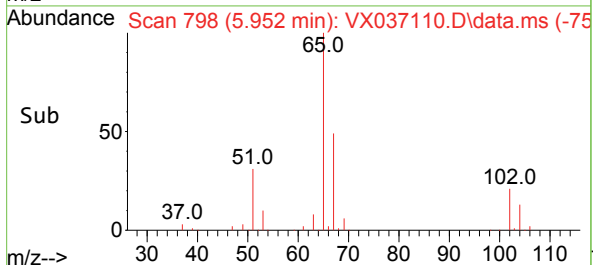
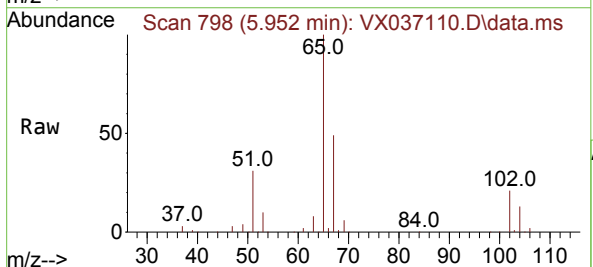


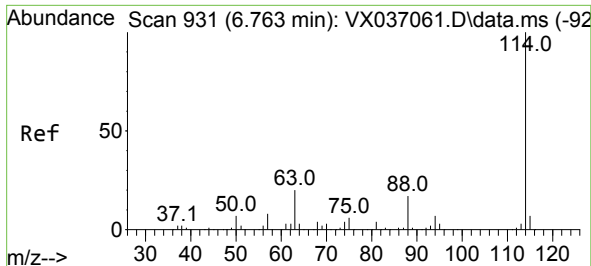
Tgt Ion: 56 Resp: 3463
Ion Ratio Lower Upper
56 100
69 170.3 23.4 35.2#
84 141.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.147 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion: 65 Resp: 122950
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

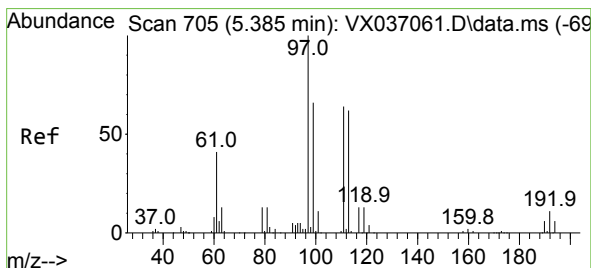
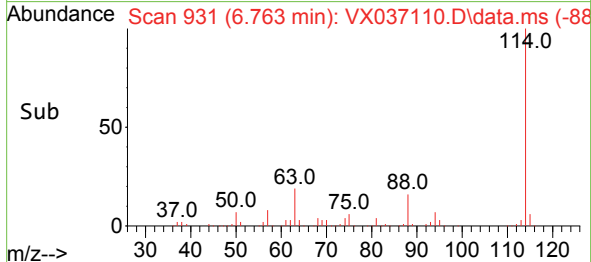
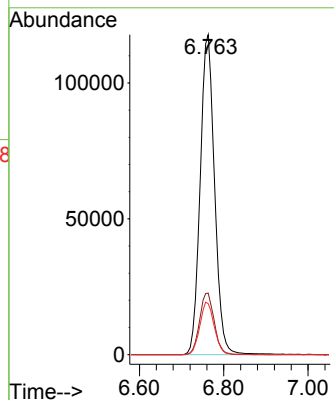
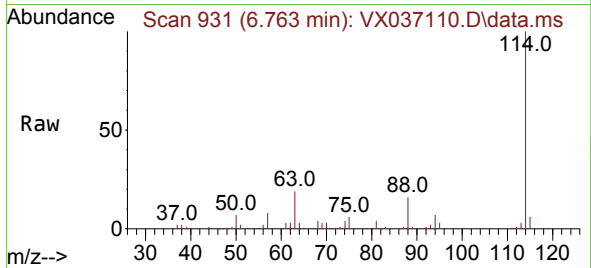




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

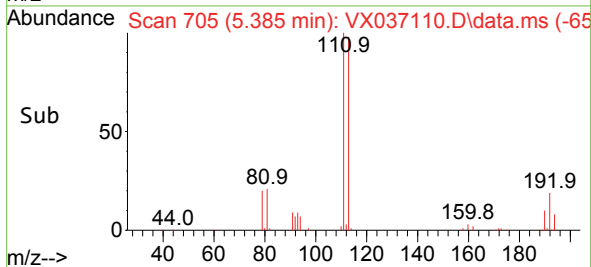
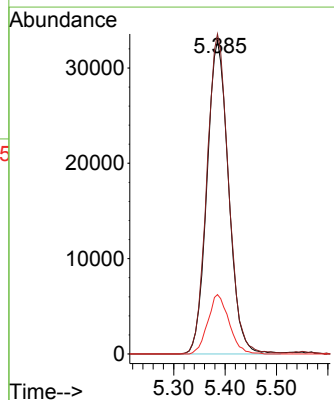
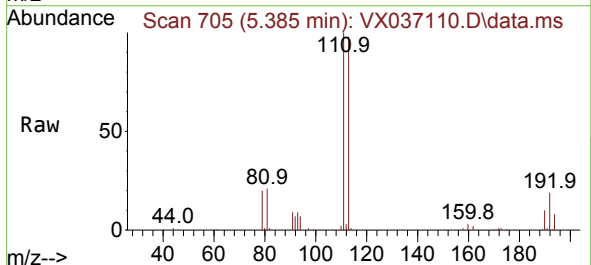
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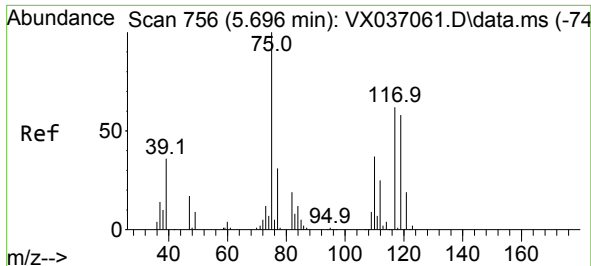
Tgt Ion:114 Resp: 280072
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.721 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

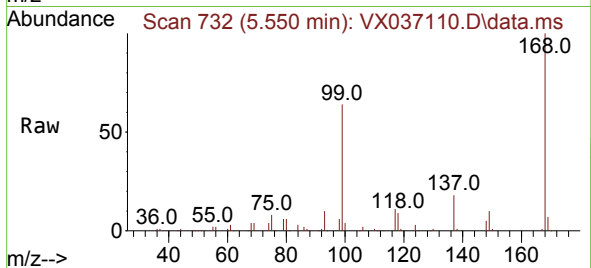
Tgt Ion:113 Resp: 95934
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.6 13.3 19.9



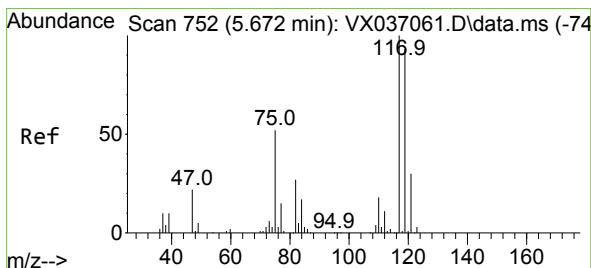
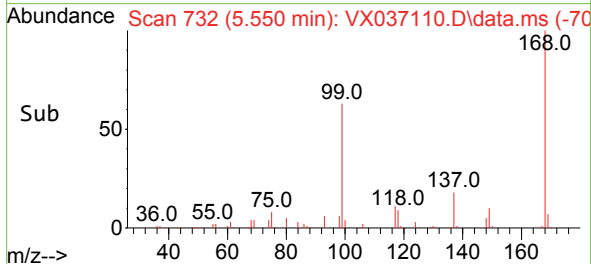
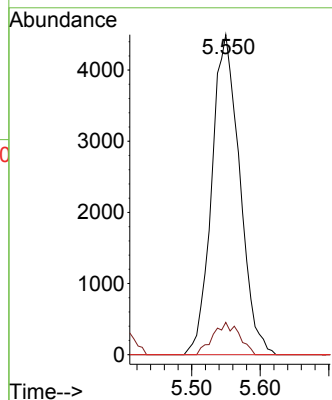


#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Instrument :
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ClientSampleId :
RE137-20230815

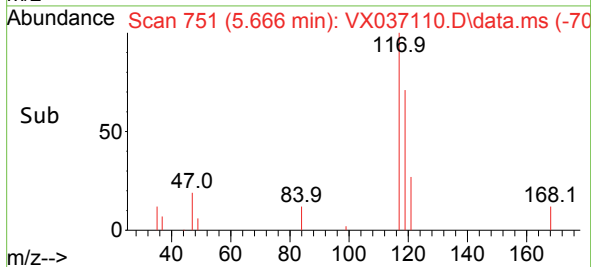
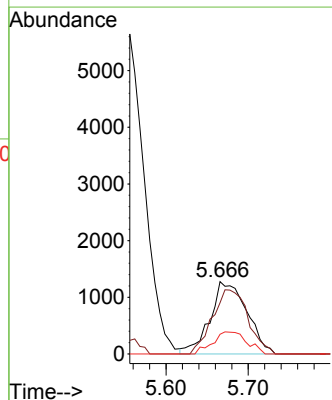
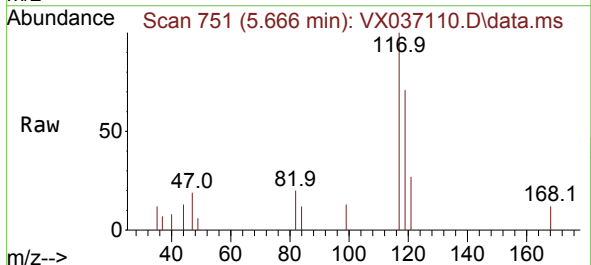


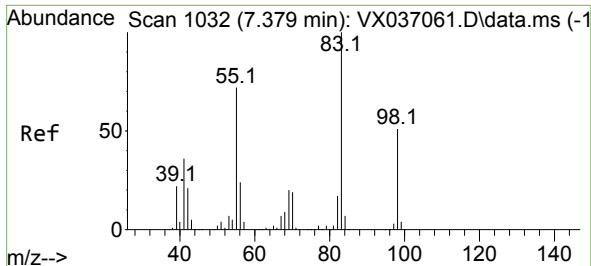
Tgt Ion: 75 Resp: 12741
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 1.385 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion: 117 Resp: 3965
Ion Ratio Lower Upper
117 100
119 70.8 78.2 117.2#
121 27.2 24.4 36.6





#39

Methylcyclohexane

Concen: 7.012 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.256 min

Lab File: VX037110.D

Acq: 19 Aug 2023 05:37

Instrument :

MSVOA_X

ClientSampleId :

RE137-20230815

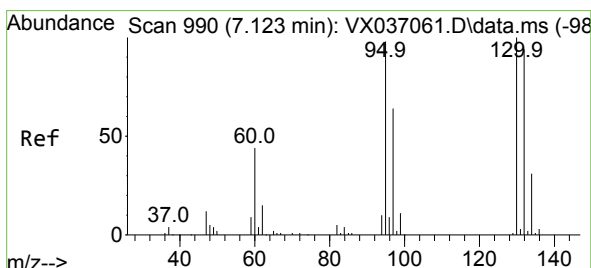
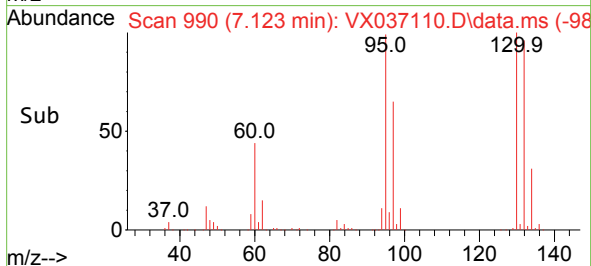
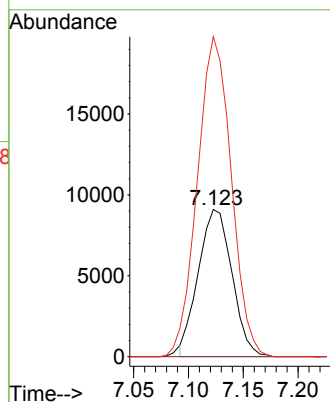
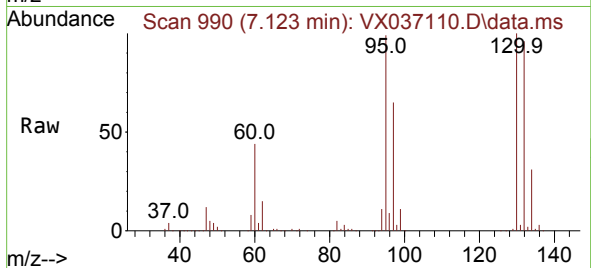
Tgt Ion: 83 Resp: 19413

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 217.4 36.7 55.1#



#44

Trichloroethene

Concen: 747.717 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037110.D

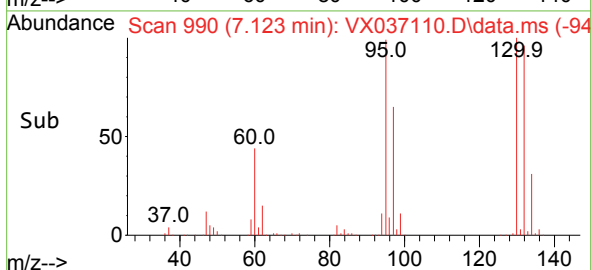
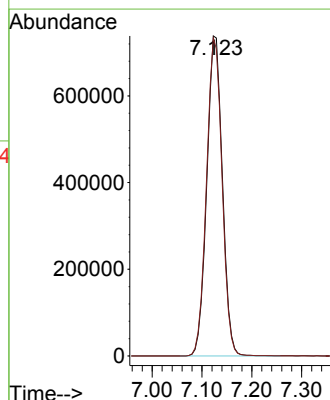
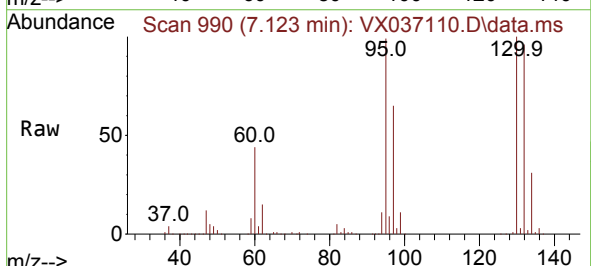
Acq: 19 Aug 2023 05:37

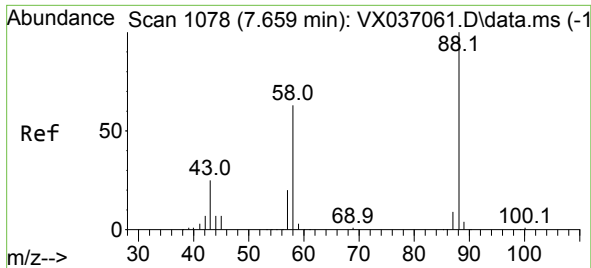
Tgt Ion:130 Resp: 1602414

Ion Ratio Lower Upper

130 100

95 99.3 0.0 204.4

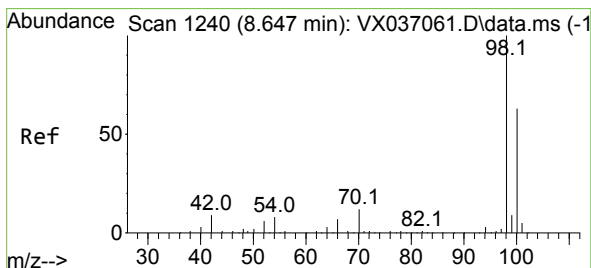
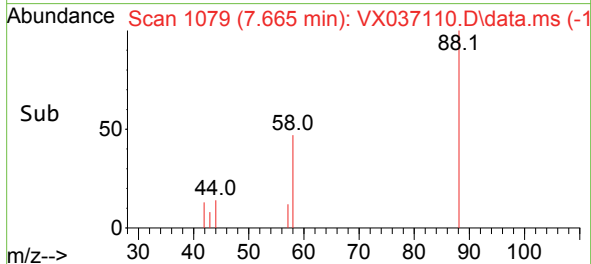
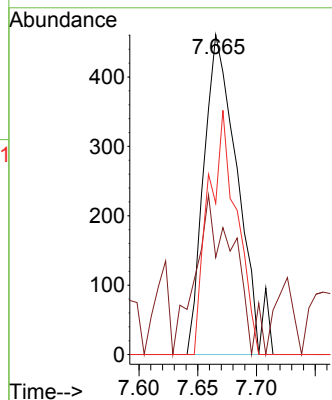
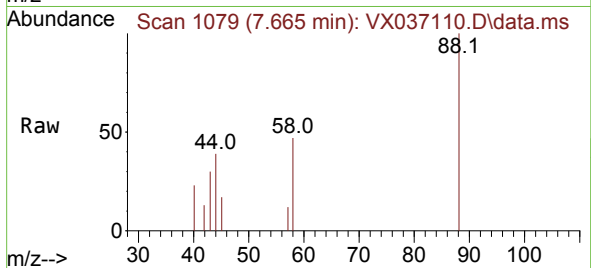




#49
1,4-Dioxane
Concen: 16.444 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

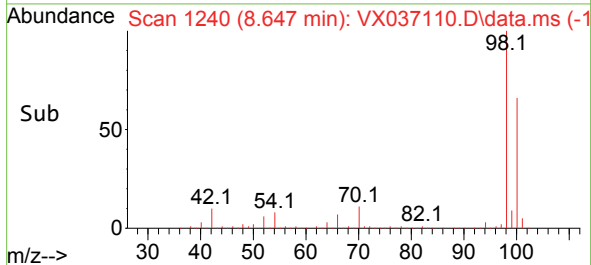
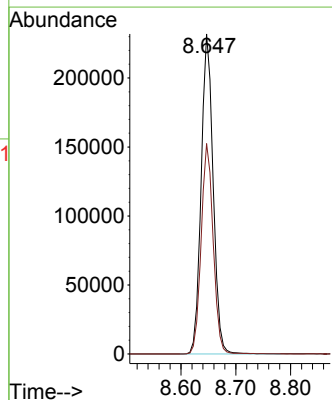
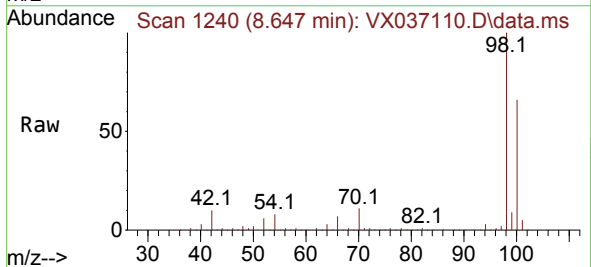
Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

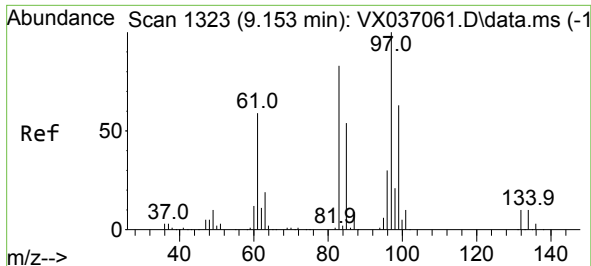
Tgt Ion: 88 Resp: 923
Ion Ratio Lower Upper
88 100
43 53.7 0.0 0.0#
58 63.9 60.1 90.1



#50
Toluene-d8
Concen: 52.267 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion: 98 Resp: 351668
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

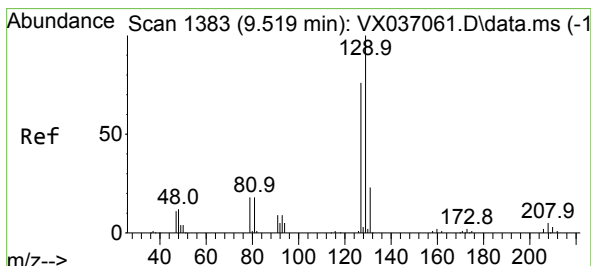
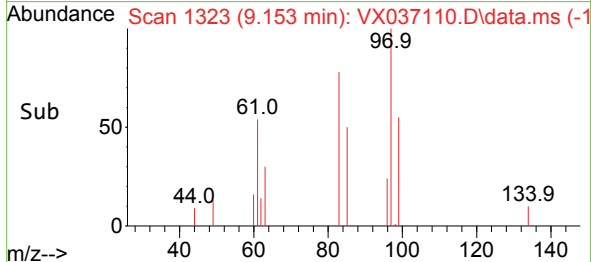
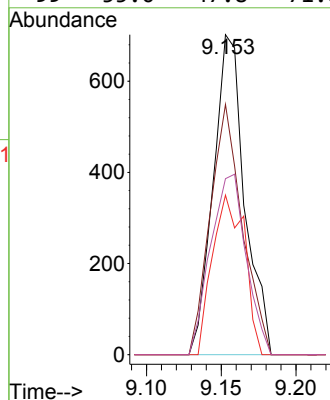
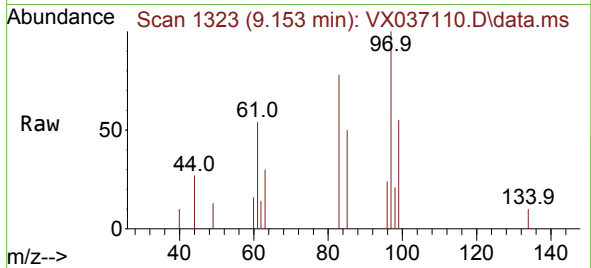




#55
1,1,2-Trichloroethane
Concen: 0.506 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

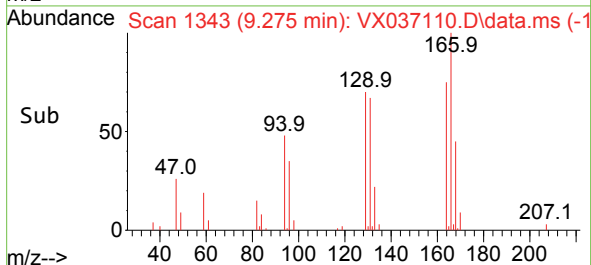
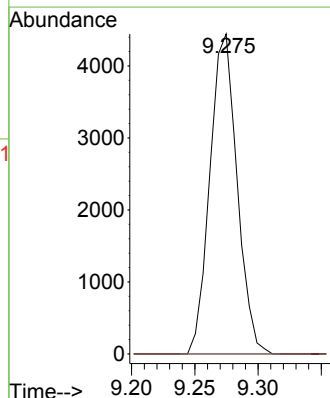
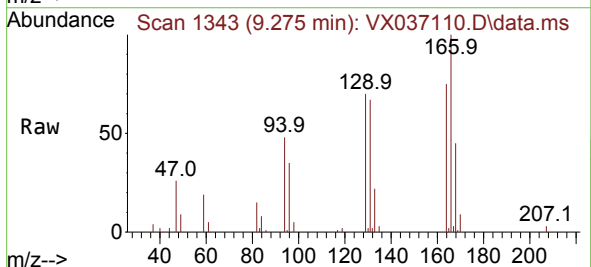
Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

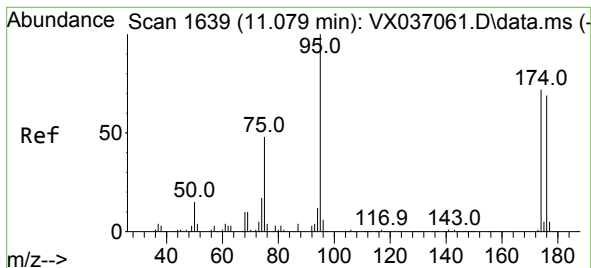
Tgt Ion: 97	Resp: 1028
Ion Ratio	Lower Upper
97 100	
83 78.2	65.8 98.8
85 49.9	41.6 62.4
99 55.0	47.8 71.8



#60
Dibromochloromethane
Concen: 3.072 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion:129	Resp:	6650	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.8	116.4#

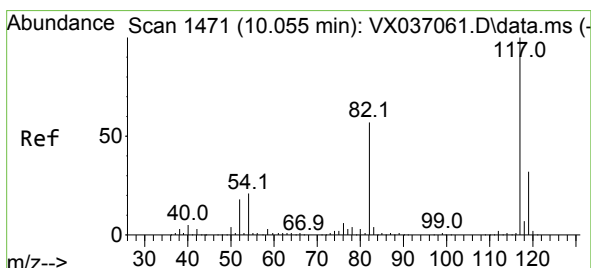
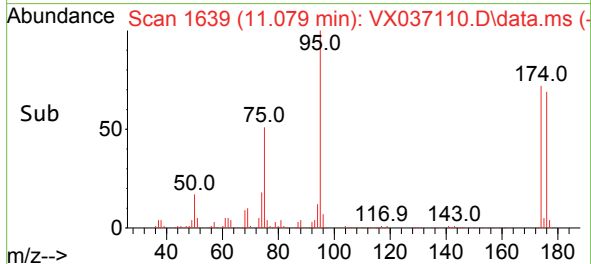
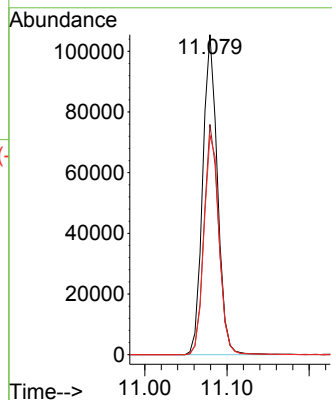
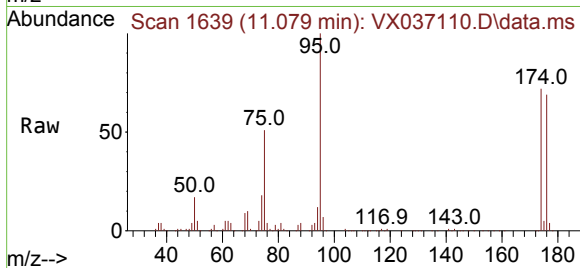




#62
4-Bromofluorobenzene
Concen: 49.697 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

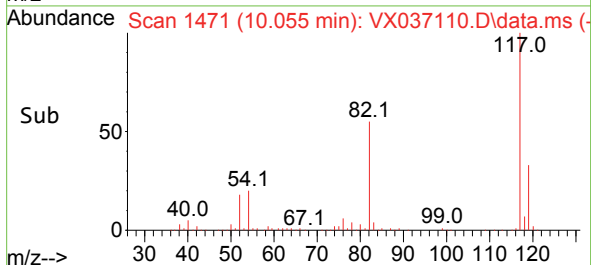
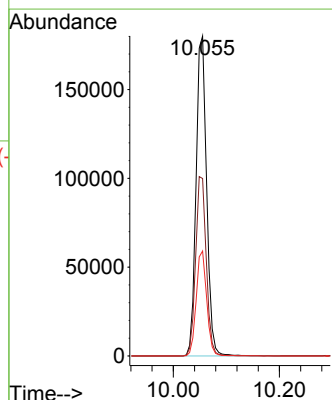
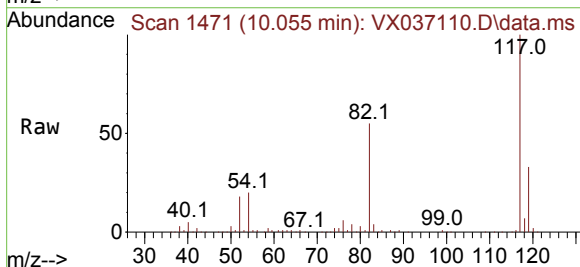
Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

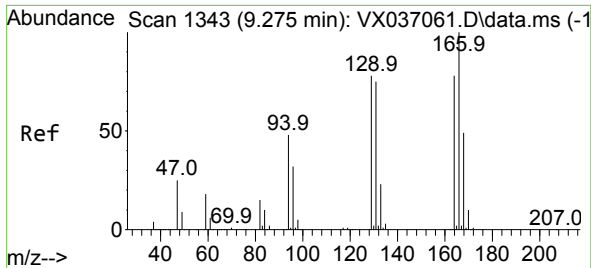
Tgt Ion: 95 Resp: 131404
Ion Ratio Lower Upper
95 100
174 71.8 0.0 135.6
176 70.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion: 117 Resp: 248116
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.8 25.5 38.3



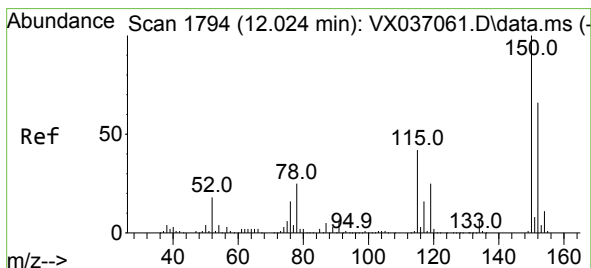
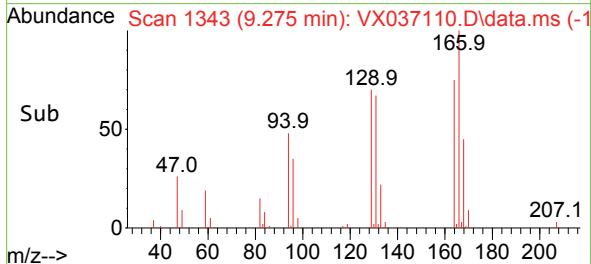
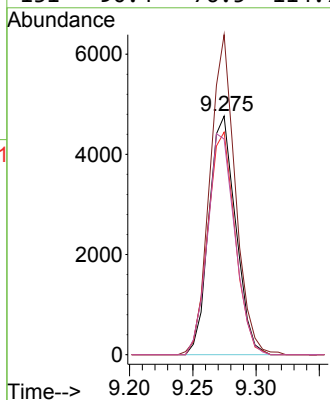
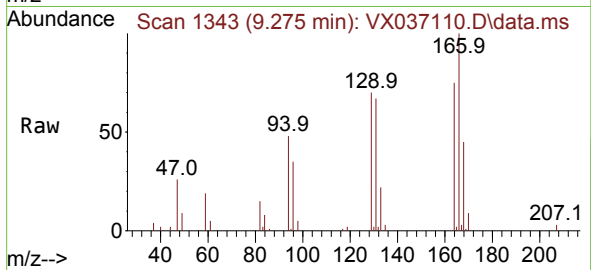


#64
Tetrachloroethene
Concen: 3.872 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

Tgt Ion:164 Resp: 7008

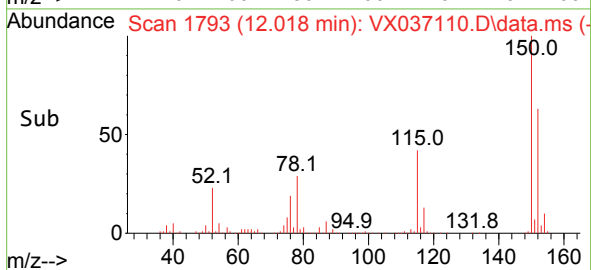
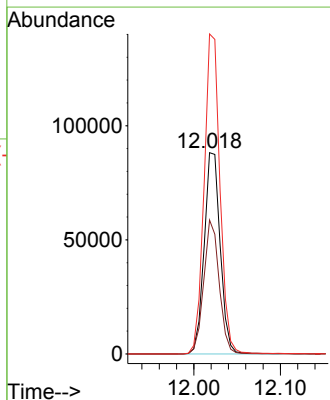
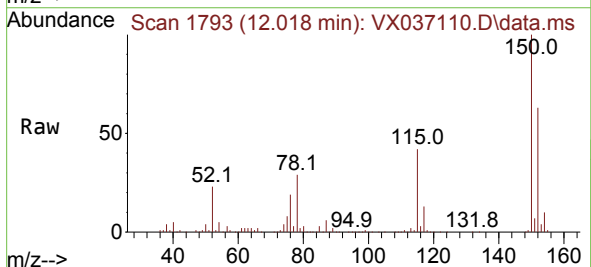
Ion	Ratio	Lower	Upper
164	100		
166	134.2	102.7	154.1
129	93.3	80.4	120.6
131	90.4	76.5	114.7

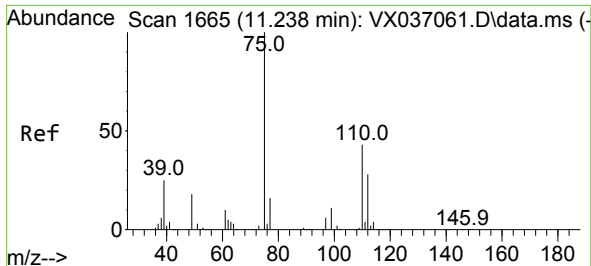


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion:152 Resp: 113644

Ion	Ratio	Lower	Upper
152	100		
115	63.9	43.3	129.9
150	157.1	0.0	345.0

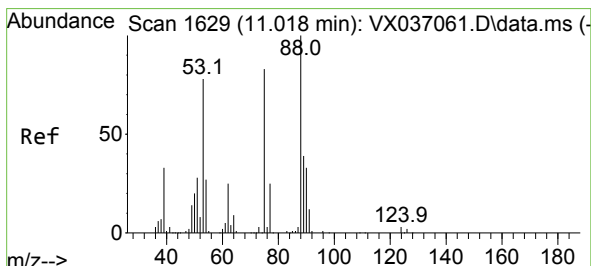
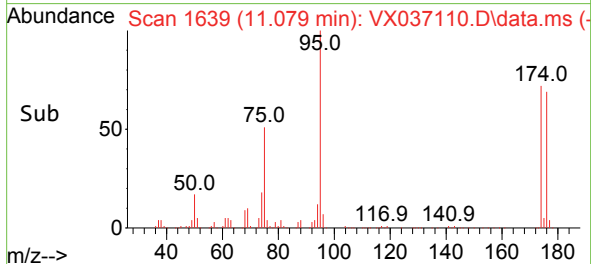
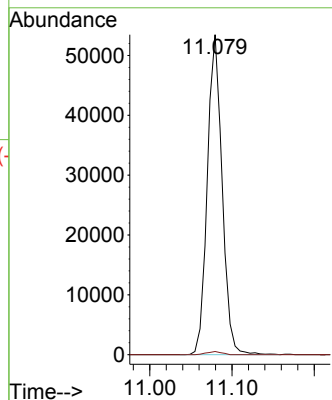
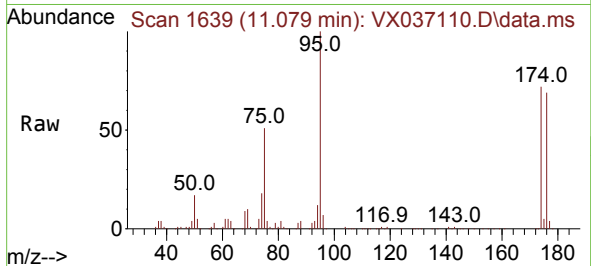




#76
1,2,3-Trichloropropane
Concen: 27.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

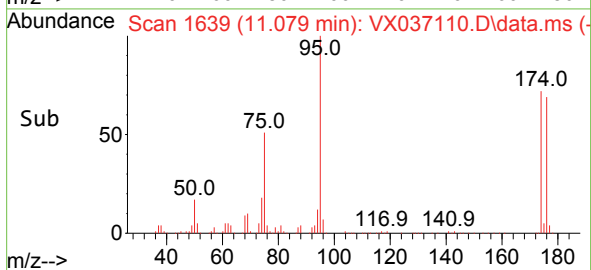
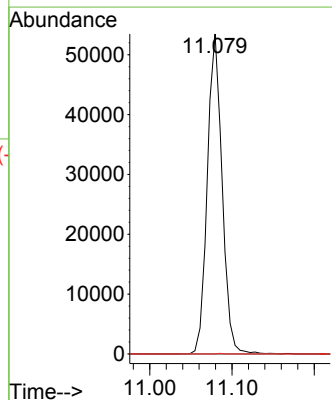
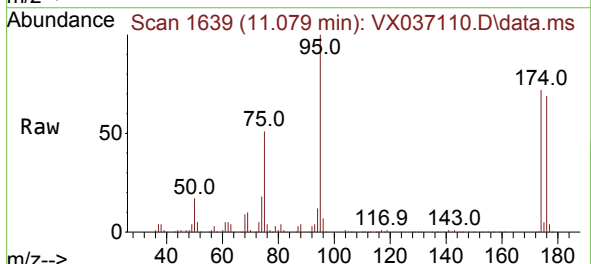
Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

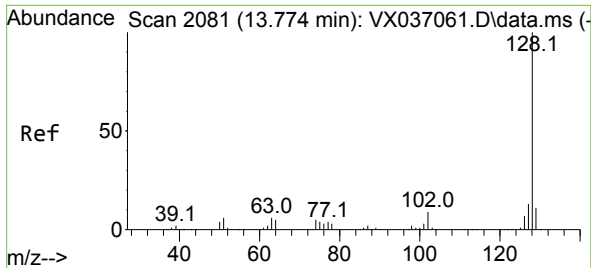
Tgt Ion: 75 Resp: 66800
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion: 75 Resp: 66800
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#





#95

Naphthalene

Concen: 0.238 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX037110.D

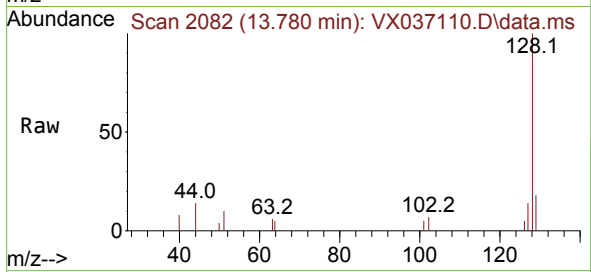
Acq: 19 Aug 2023 05:37

Instrument :

MSVOA_X

ClientSampleId :

RE137-20230815



Tgt Ion:	128	Resp:	2255
Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.3	15.5#
129	10.7	8.8	13.2

