

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040508.D
 Acq On : 28 Feb 2024 13:45
 Operator : JC/MD
 Sample : P1614-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP303-A-20240227

Quant Time: Feb 29 03:49:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

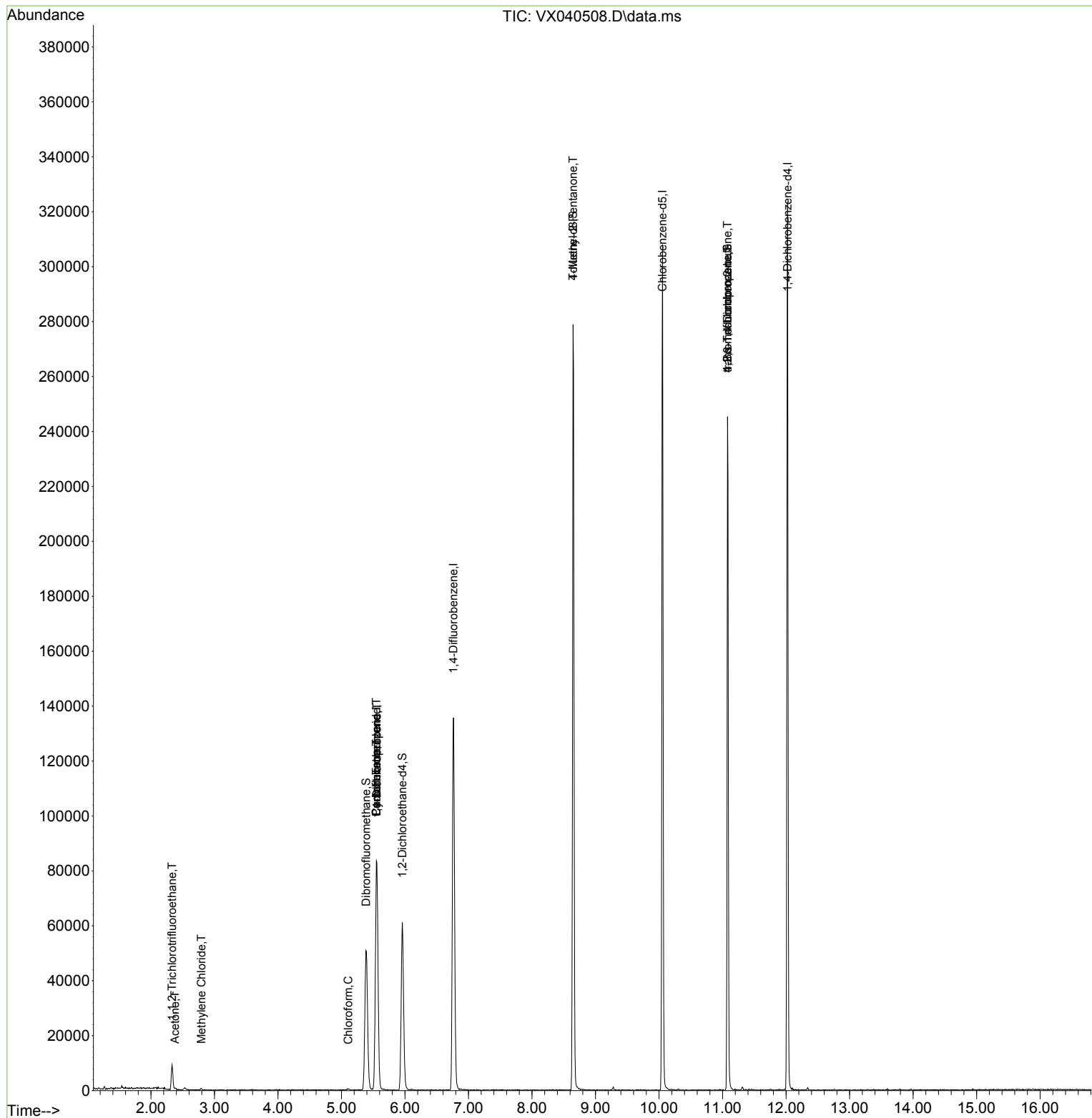
Internal Standards						
1) Pentafluorobenzene	5.550	168	72948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61088	50.068	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.140%		
35) Dibromofluoromethane	5.385	113	44474	48.858	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.720%		
50) Toluene-d8	8.647	98	159568	48.293	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.580%		
62) 4-Bromofluorobenzene	11.079	95	62473	49.601	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.200%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	3566	4.308	ug/l	94
16) Acetone	2.380	43	632	1.588	ug/l	97
20) Methylene Chloride	2.794	84	286	0.300	ug/l #	59
30) Chloroform	5.105	83	511	0.283	ug/l	88
31) Cyclohexane	5.550	56	2121	1.534	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	7029	5.012	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8783	6.483	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	913	0.573	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37056	27.161	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37056	78.776	ug/l #	5

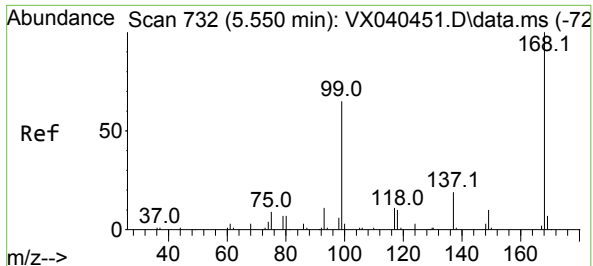
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

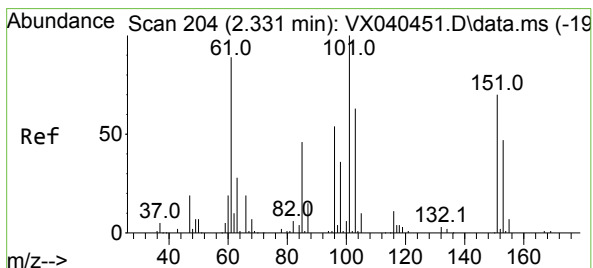
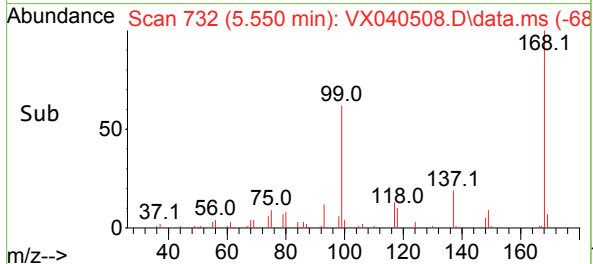
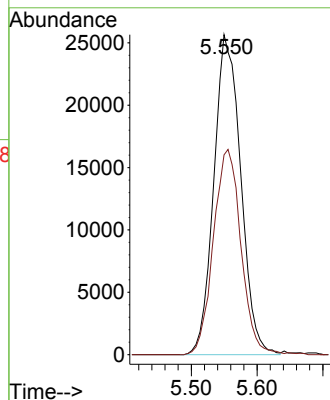
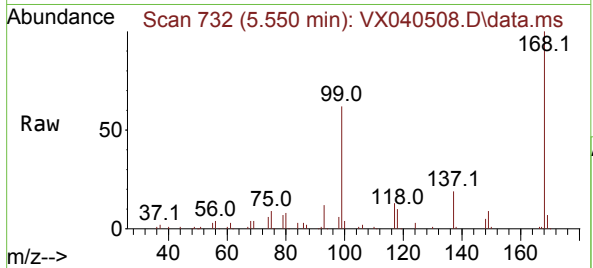




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

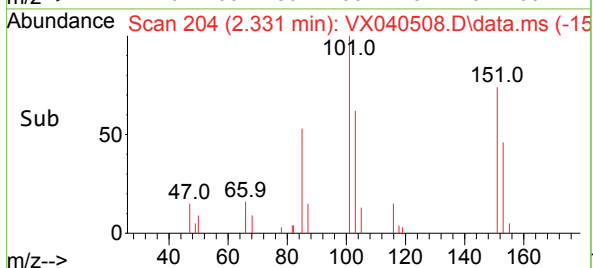
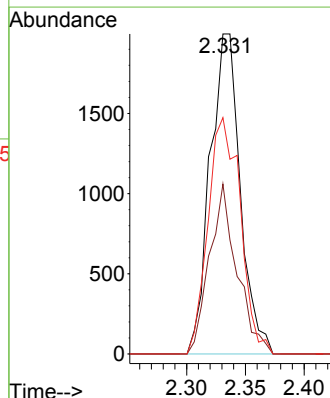
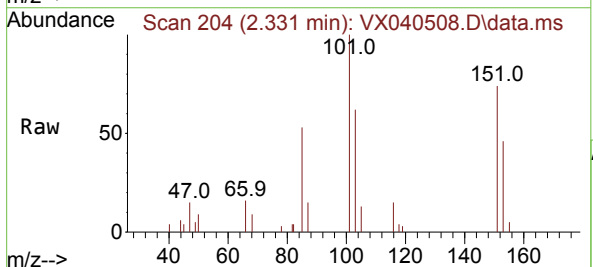
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-A-20240227

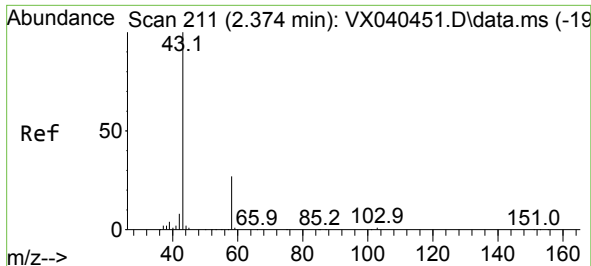
Tgt Ion:168 Resp: 72948
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.308 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

Tgt Ion:101 Resp: 3566
Ion Ratio Lower Upper
101 100
85 48.5 37.0 55.6
151 79.1 58.6 87.8

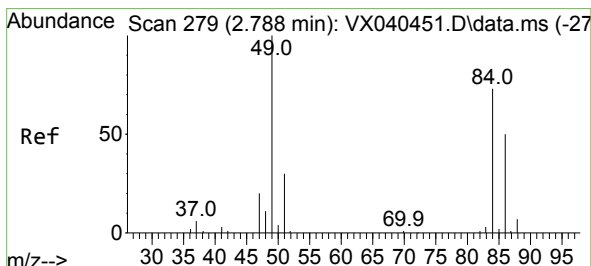
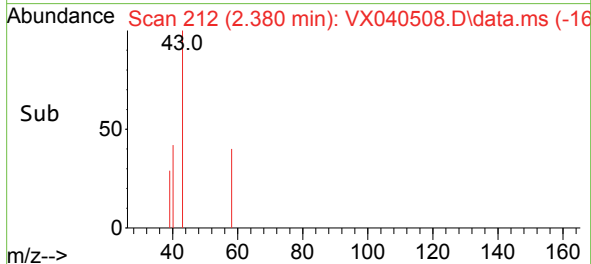
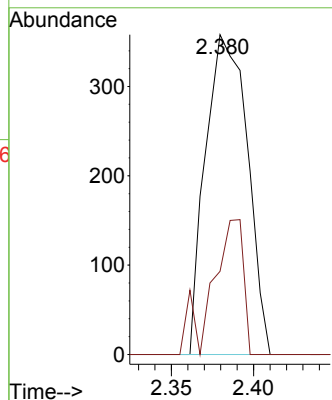
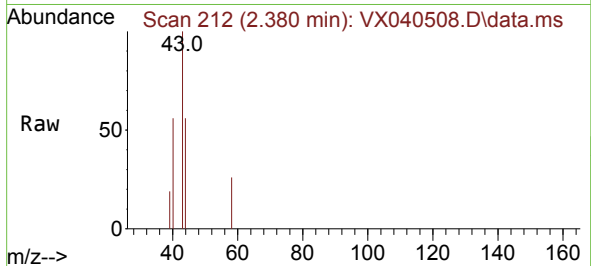




#16
Acetone
Concen: 1.588 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

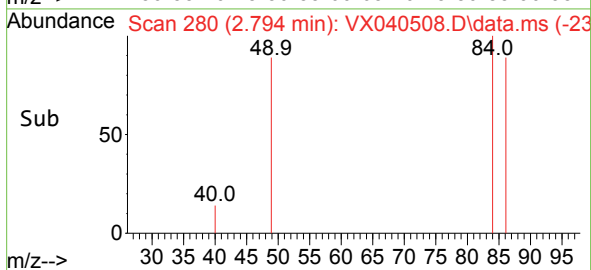
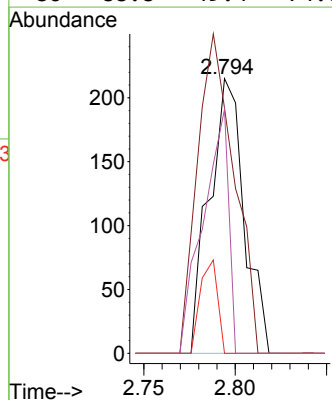
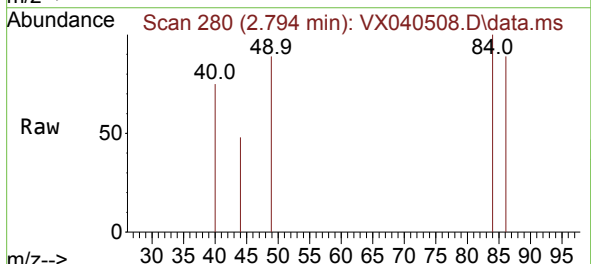
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-A-20240227

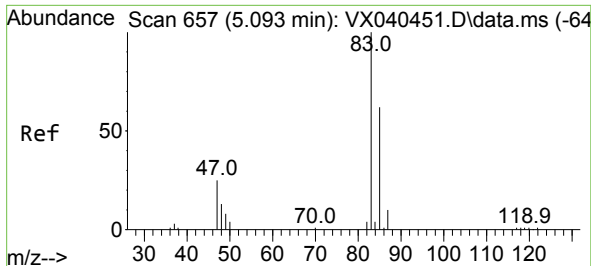
Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9



#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

Tgt Ion: 84 Resp: 286
Ion Ratio Lower Upper
84 100
49 89.3 103.6 155.4#
51 0.0 33.8 50.6#
86 88.8 49.4 74.0#





#30

Chloroform

Concen: 0.283 ug/l

RT: 5.105 min Scan# 611

Delta R.T. 0.012 min

Lab File: VX040508.D

Acq: 28 Feb 2024 13:45

Instrument :

MSVOA_X

ClientSampleId :

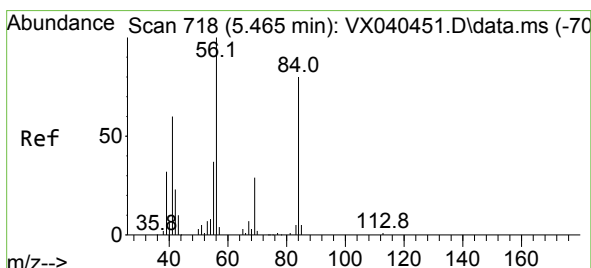
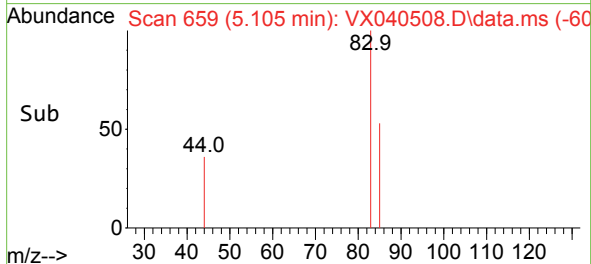
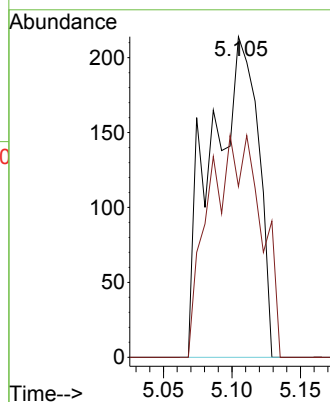
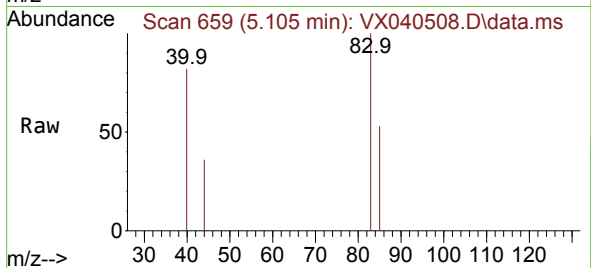
RE137-SP303-A-20240227

Tgt Ion: 83 Resp: 511

Ion Ratio Lower Upper

83 100

85 53.3 50.3 75.5



#31

Cyclohexane

Concen: 1.534 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX040508.D

Acq: 28 Feb 2024 13:45

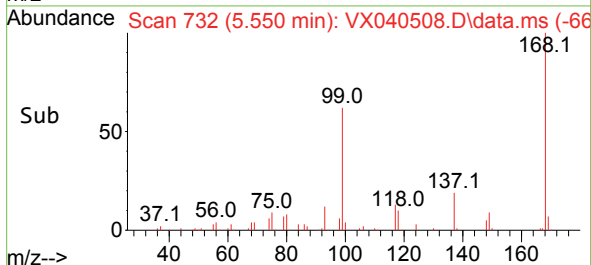
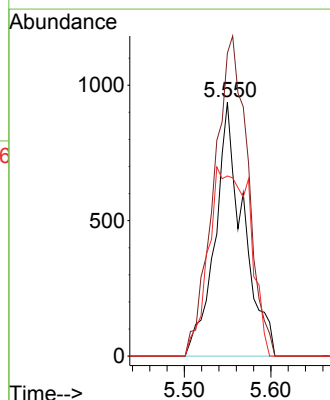
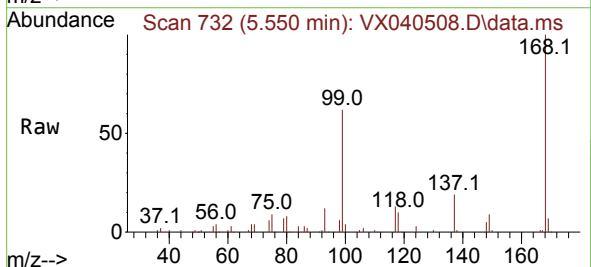
Tgt Ion: 56 Resp: 2121

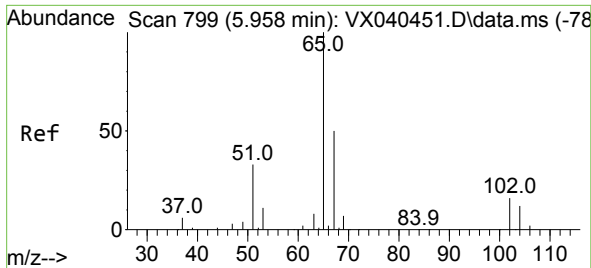
Ion Ratio Lower Upper

56 100

69 119.4 23.4 35.2#

84 71.0 65.9 98.9

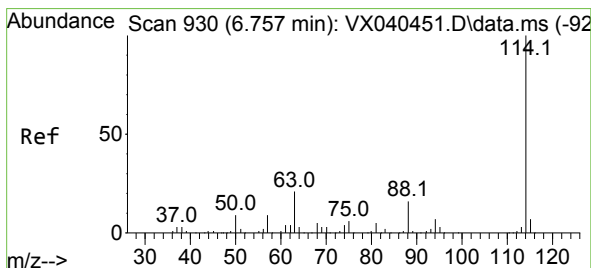
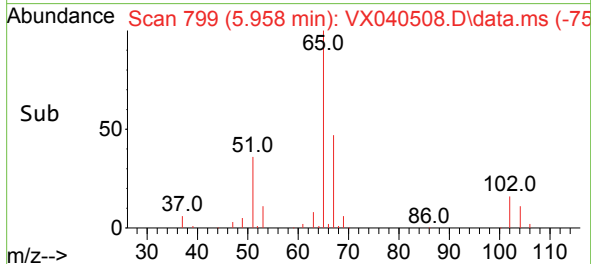
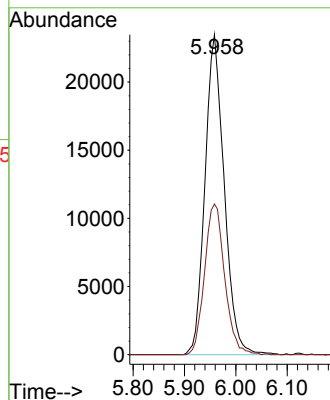
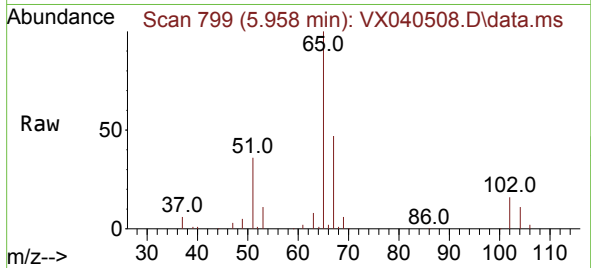




#33
 1,2-Dichloroethane-d4
 Concen: 50.068 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX040508.D
 Acq: 28 Feb 2024 13:45

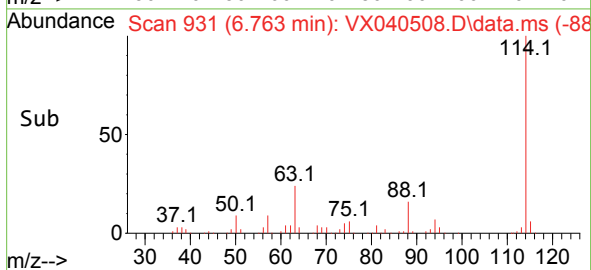
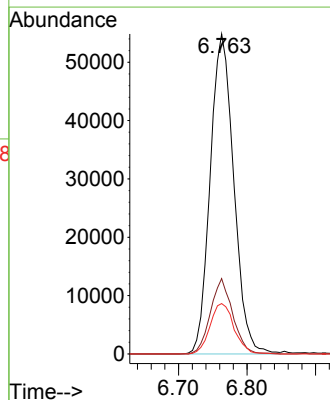
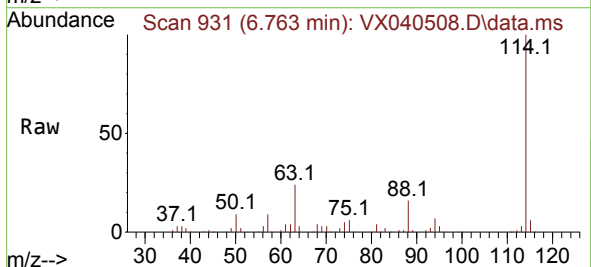
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP303-A-20240227

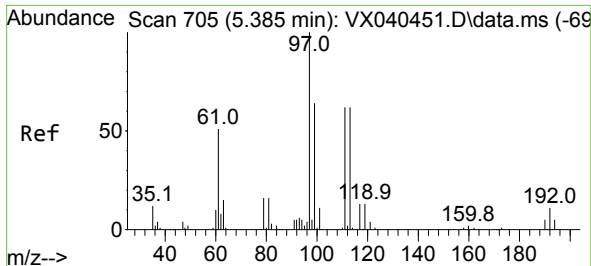
Tgt Ion: 65 Resp: 61088
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040508.D
 Acq: 28 Feb 2024 13:45

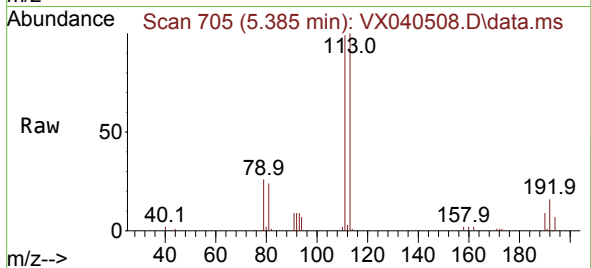
Tgt Ion: 114 Resp: 130900
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.0
 88 15.8 0.0 36.6



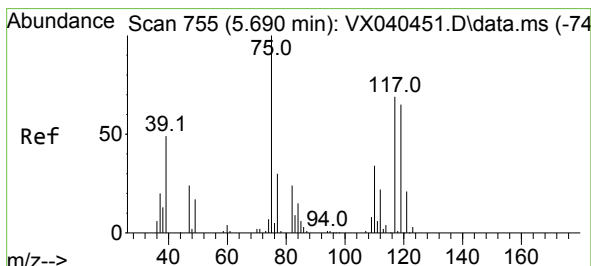
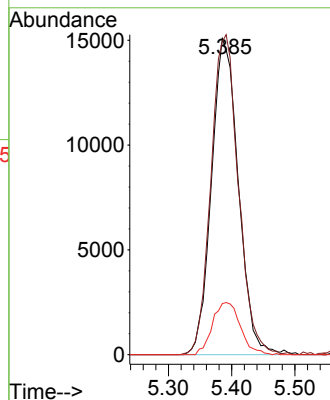
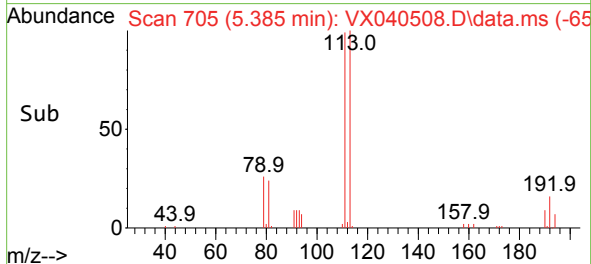


#35
Dibromofluoromethane
Concen: 48.858 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-A-20240227

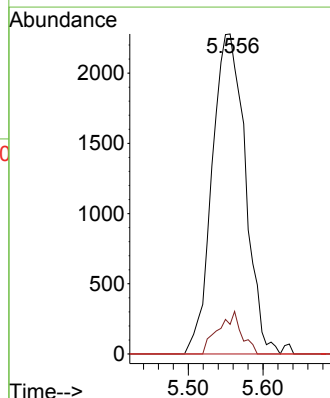
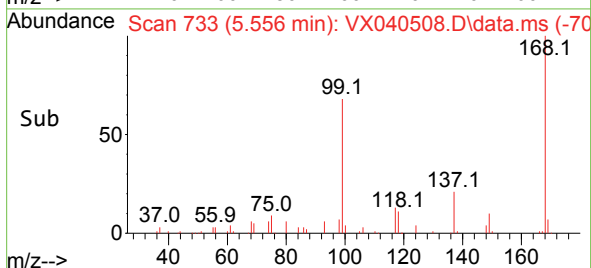
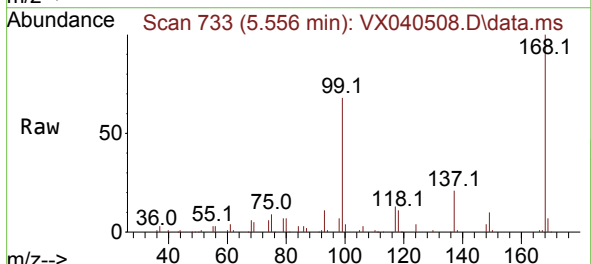


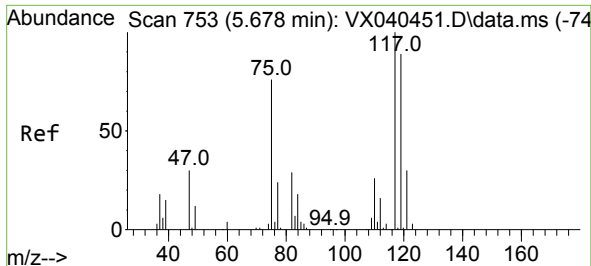
Tgt Ion:113 Resp: 44474
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 17.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

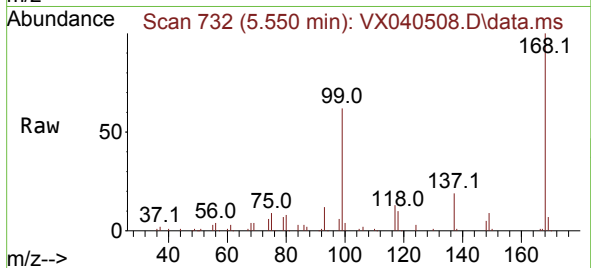
Tgt Ion: 75 Resp: 7029
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



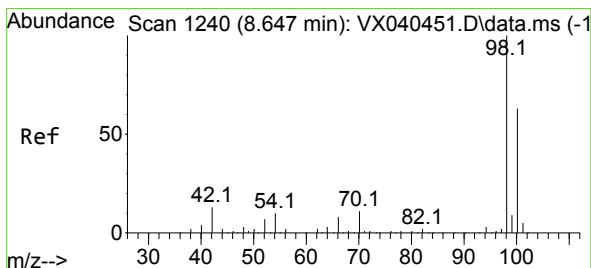
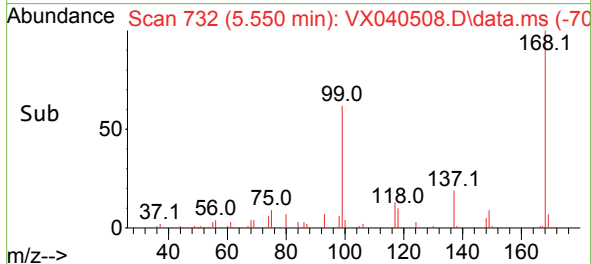
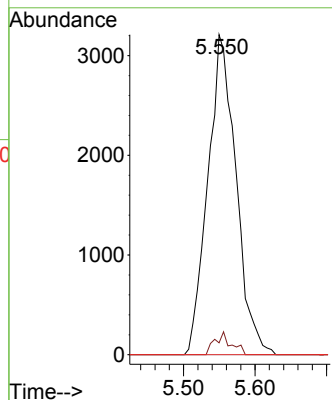


#38
Carbon Tetrachloride
Concen: 6.483 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

Instrument :
MSVOA_X
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RE137-SP303-A-20240227

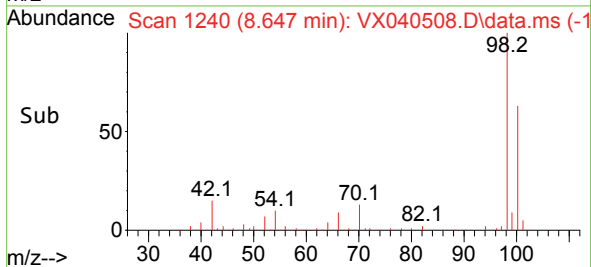
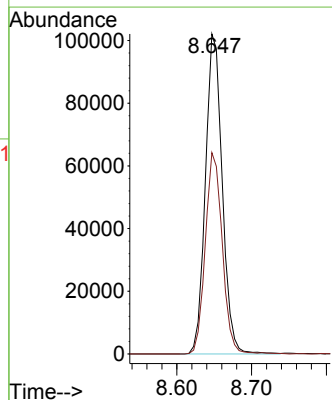
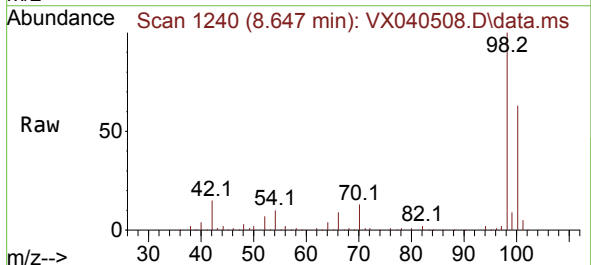


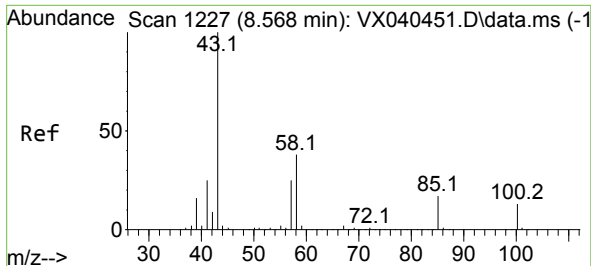
Tgt Ion:117 Resp: 8783
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.293 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

Tgt Ion: 98 Resp: 159568
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.573 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX040508.D

Acq: 28 Feb 2024 13:45

Instrument :

MSVOA_X

ClientSampleId :

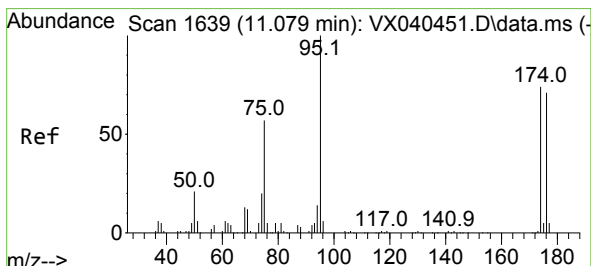
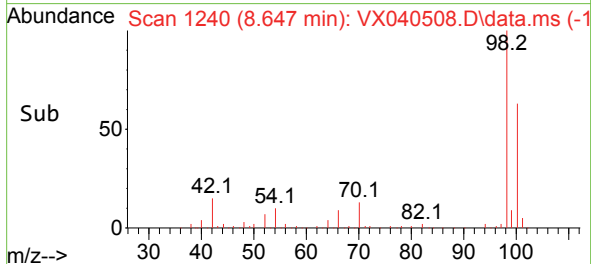
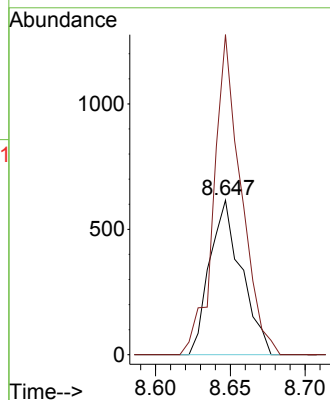
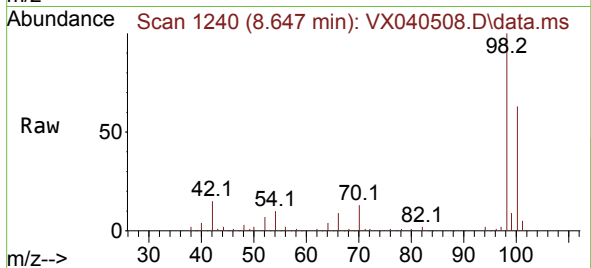
RE137-SP303-A-20240227

Tgt Ion: 43 Resp: 913

Ion Ratio Lower Upper

43 100

58 177.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.601 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040508.D

Acq: 28 Feb 2024 13:45

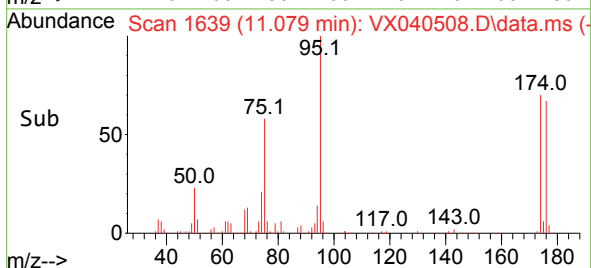
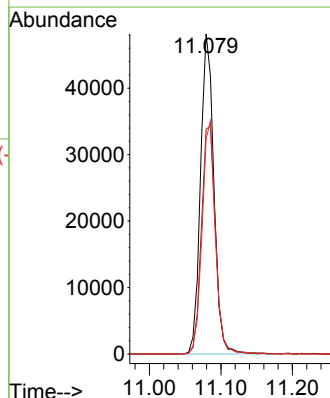
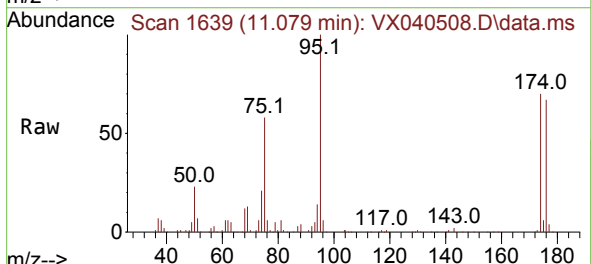
Tgt Ion: 95 Resp: 62473

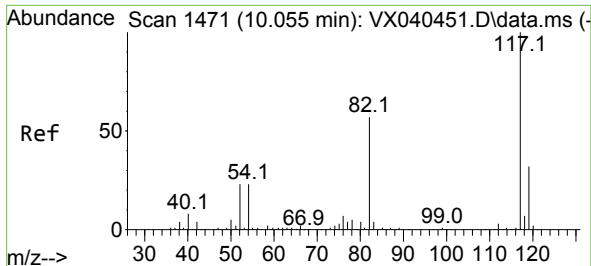
Ion Ratio Lower Upper

95 100

174 75.1 0.0 135.6

176 72.1 0.0 131.0

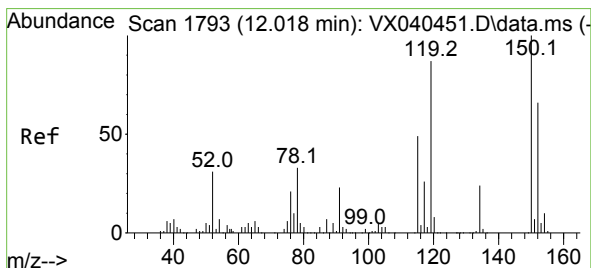
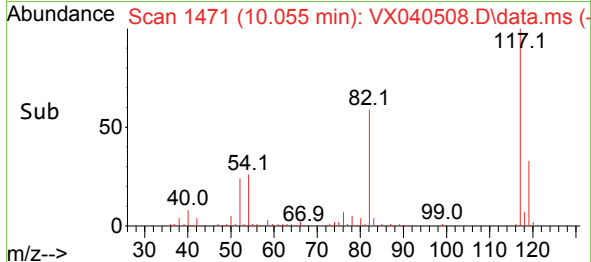
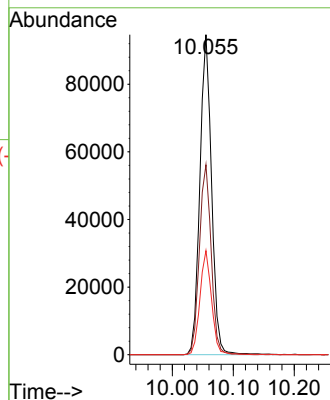
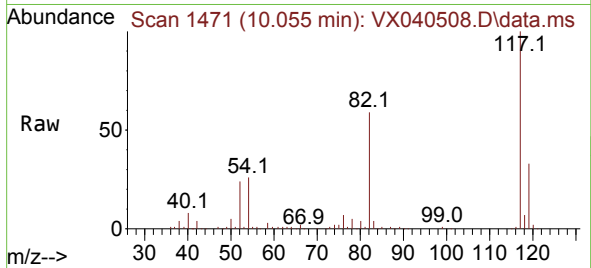




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

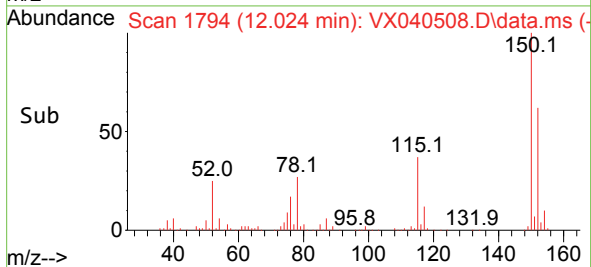
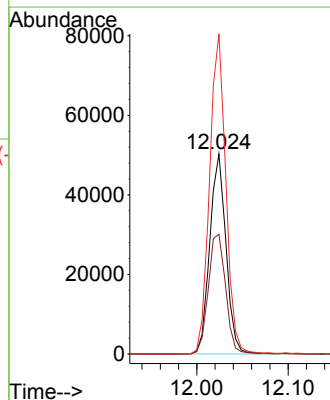
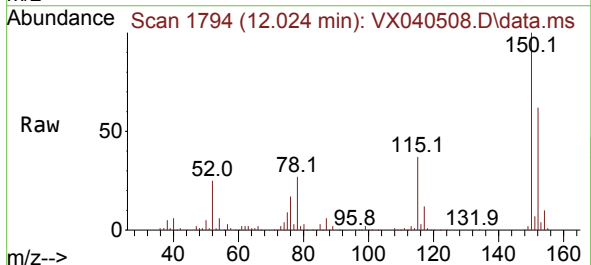
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MSVOA_X
ClientSampleId :
RE137-SP303-A-20240227

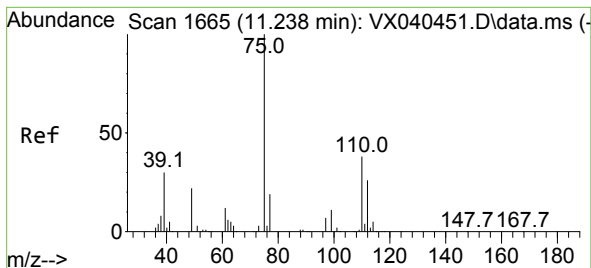
Tgt Ion:117 Resp: 126097
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040508.D
Acq: 28 Feb 2024 13:45

Tgt Ion:152 Resp: 61991
Ion Ratio Lower Upper
152 100
115 63.8 43.3 129.9
150 160.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.161 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040508.D

Acq: 28 Feb 2024 13:45

Instrument :

MSVOA_X

ClientSampleId :

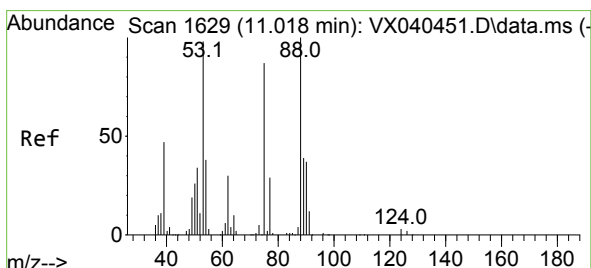
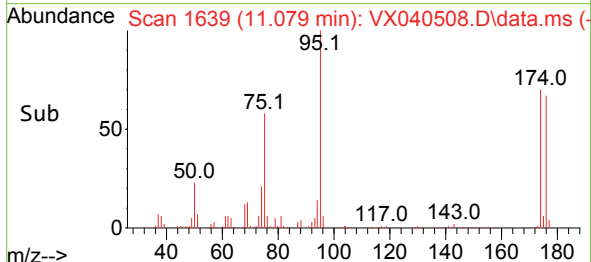
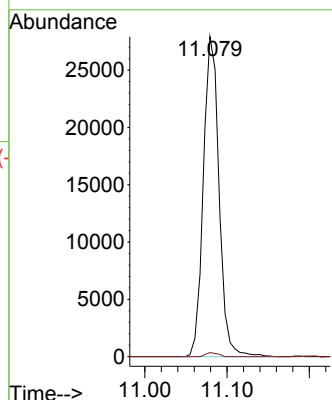
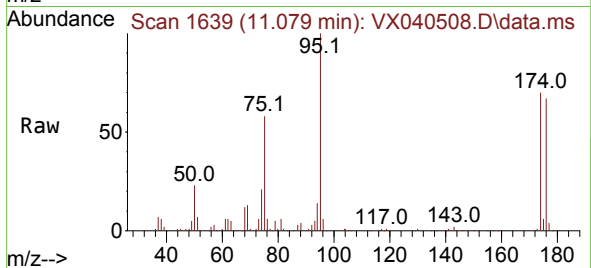
RE137-SP303-A-20240227

Tgt Ion: 75 Resp: 37056

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.776 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040508.D

Acq: 28 Feb 2024 13:45

Tgt Ion: 75 Resp: 37056

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

