

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040509.D
 Acq On : 28 Feb 2024 14:08
 Operator : JC/MD
 Sample : P1614-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP302-B-20240227

Quant Time: Feb 29 03:49:24 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)

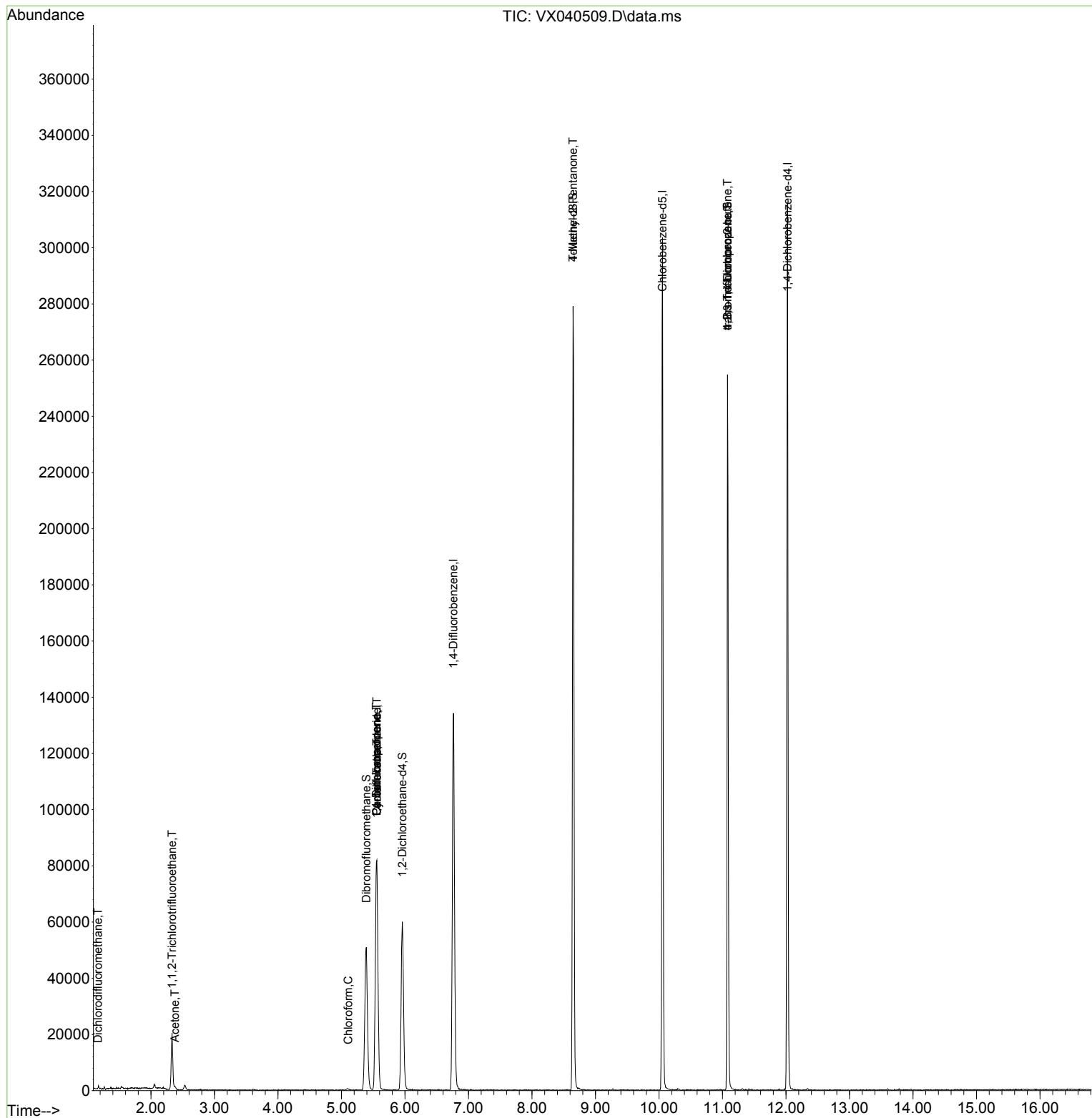
Internal Standards						
1) Pentafluorobenzene	5.556	168	73248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61446	50.155	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.320%		
35) Dibromofluoromethane	5.391	113	43375	48.666	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.340%		
50) Toluene-d8	8.647	98	156600	48.404	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.800%		
62) 4-Bromofluorobenzene	11.079	95	61826	50.132	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.260%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	304	0.333	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	6861	8.254	ug/l	92
16) Acetone	2.380	43	1250	3.129	ug/l #	65
30) Chloroform	5.105	83	733	0.404	ug/l #	82
31) Cyclohexane	5.556	56	2056	1.481	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	7007	5.103	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8190	6.174	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	911	0.584	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37730	27.629	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37730	80.021	ug/l #	5

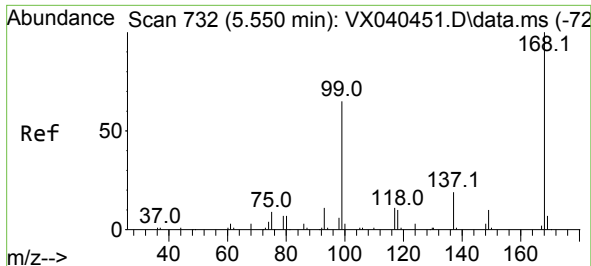
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 29 03:49:24 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

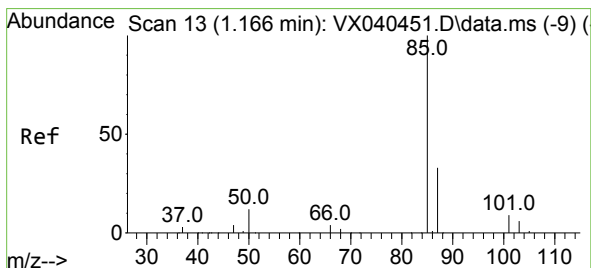
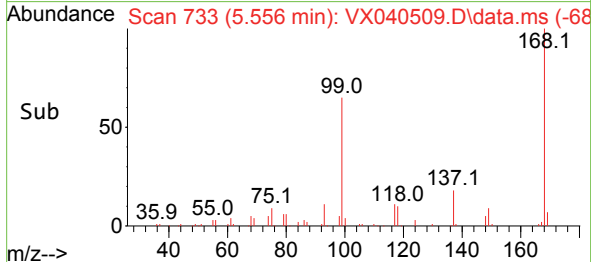
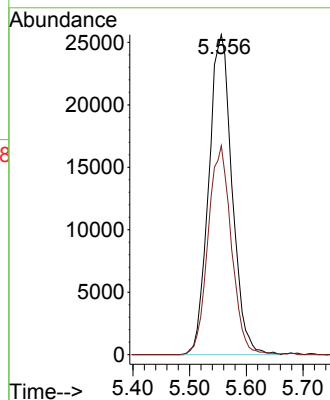
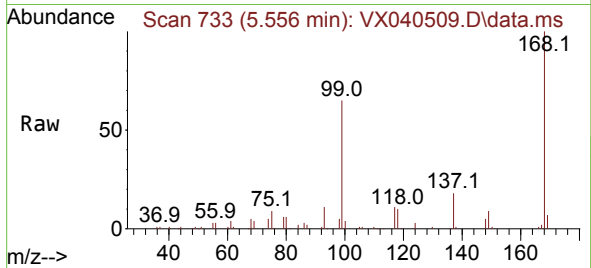




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

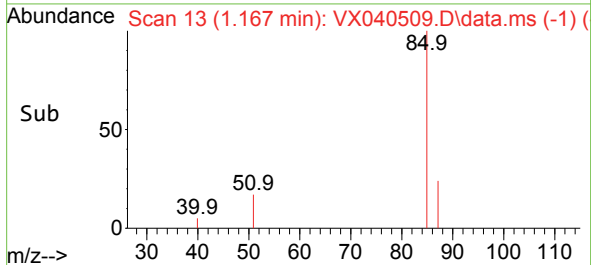
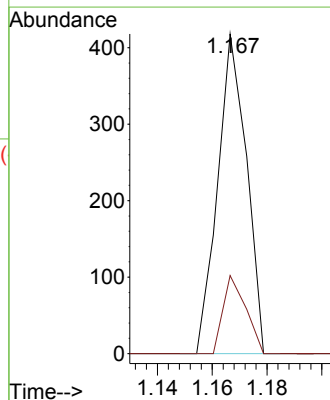
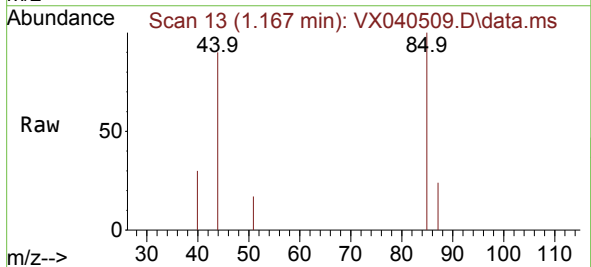
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-B-20240227

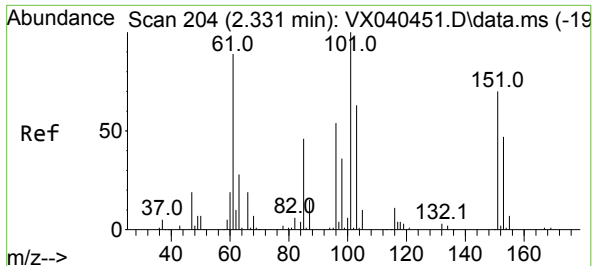
Tgt Ion:168 Resp: 73248
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.333 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

Tgt Ion: 85 Resp: 304
Ion Ratio Lower Upper
85 100
87 24.4 16.7 50.1

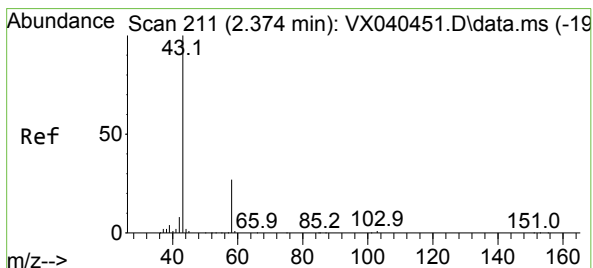
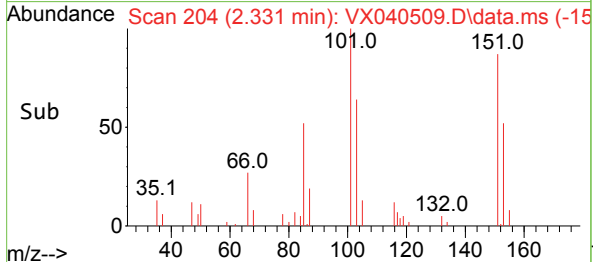
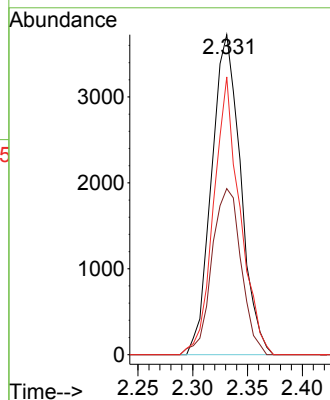
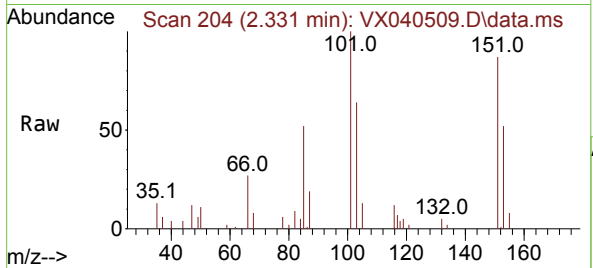




#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.254 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

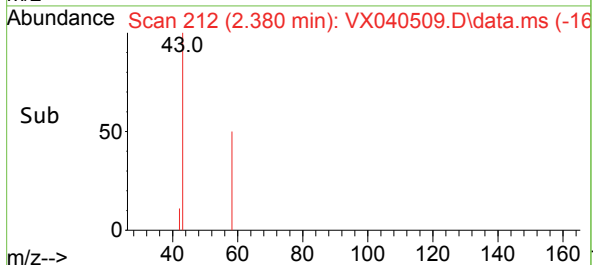
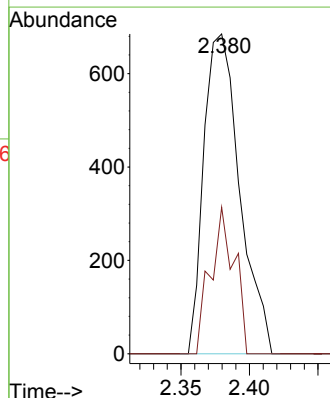
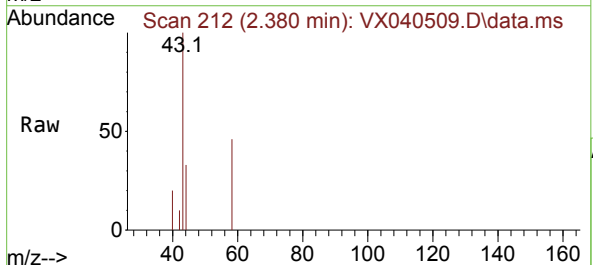
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-B-20240227

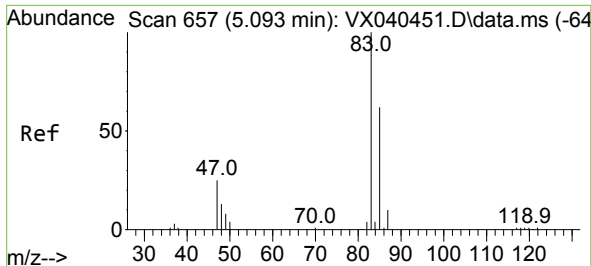
Tgt Ion:101 Resp: 6861
Ion Ratio Lower Upper
101 100
85 52.4 37.0 55.6
151 78.6 58.6 87.8



#16
Acetone
Concen: 3.129 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
58 45.8 21.9 32.9#





#30

Chloroform

Concen: 0.404 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX040509.D

Acq: 28 Feb 2024 14:08

Instrument :

MSVOA_X

ClientSampleId :

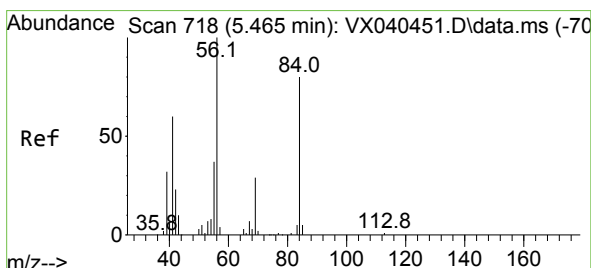
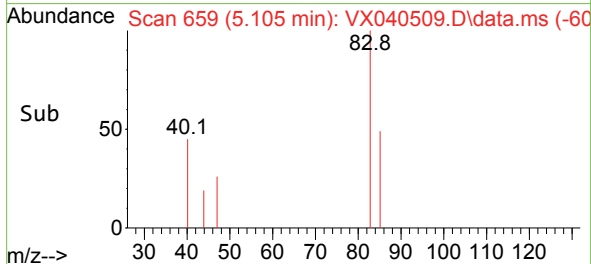
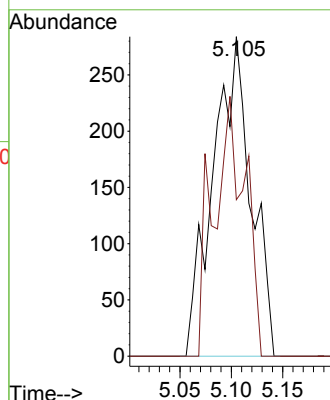
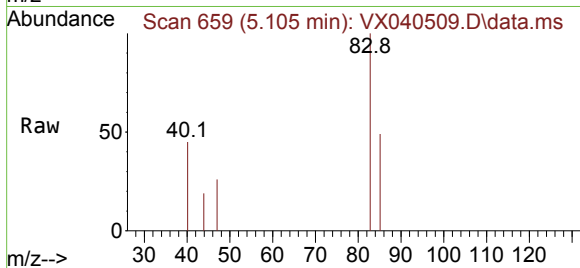
RE137-SP302-B-20240227

Tgt Ion: 83 Resp: 733

Ion Ratio Lower Upper

83 100

85 48.9 50.3 75.5#



#31

Cyclohexane

Concen: 1.481 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.091 min

Lab File: VX040509.D

Acq: 28 Feb 2024 14:08

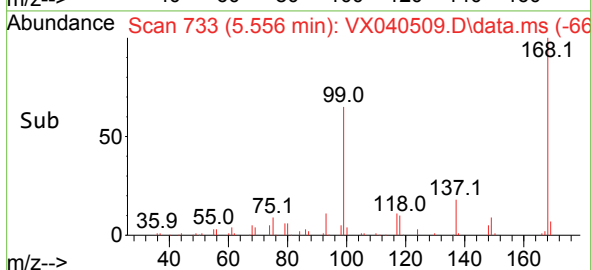
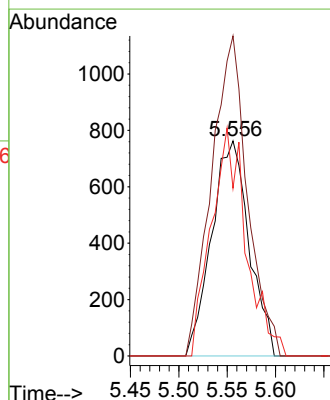
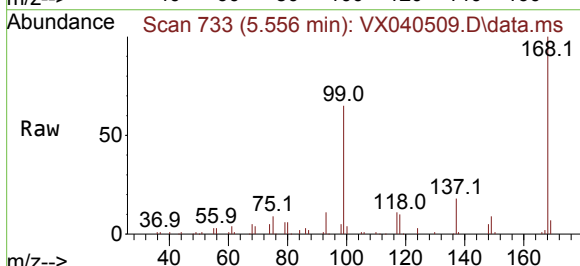
Tgt Ion: 56 Resp: 2056

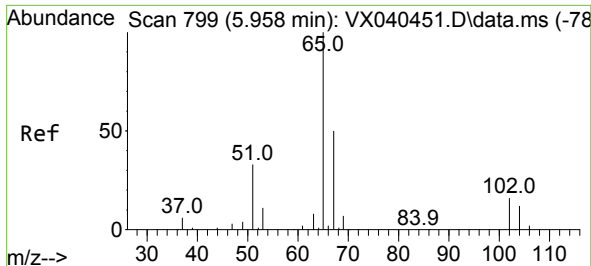
Ion Ratio Lower Upper

56 100

69 148.8 23.4 35.2#

84 78.0 65.9 98.9

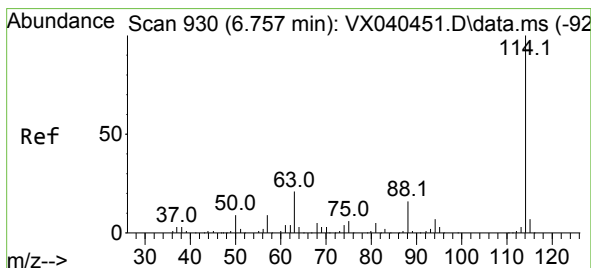
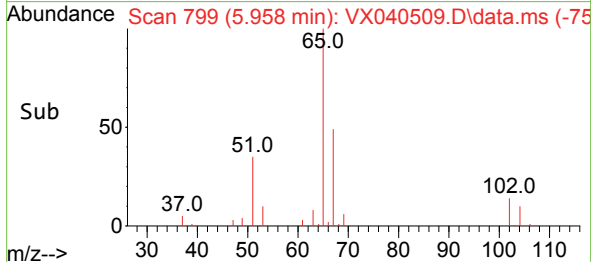
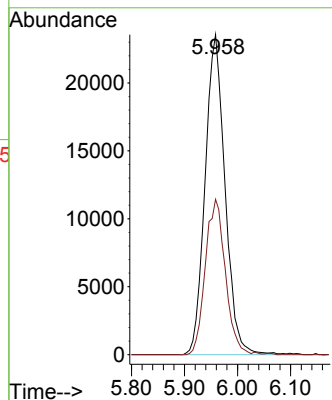
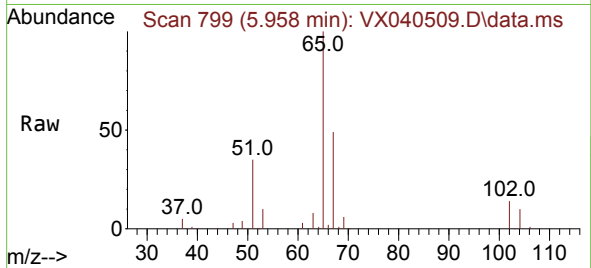




#33
 1,2-Dichloroethane-d4
 Concen: 50.155 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040509.D
 Acq: 28 Feb 2024 14:08

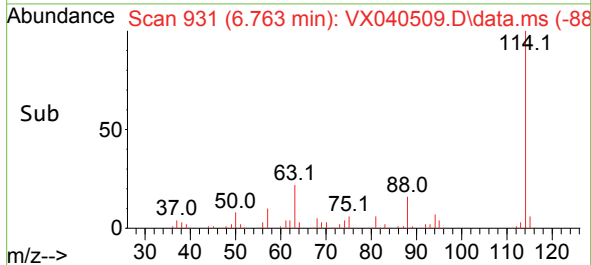
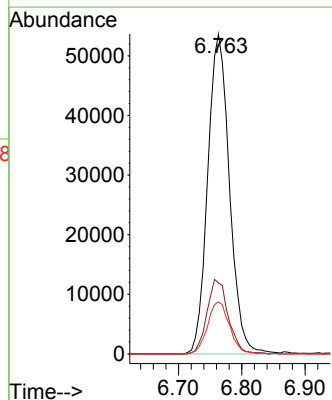
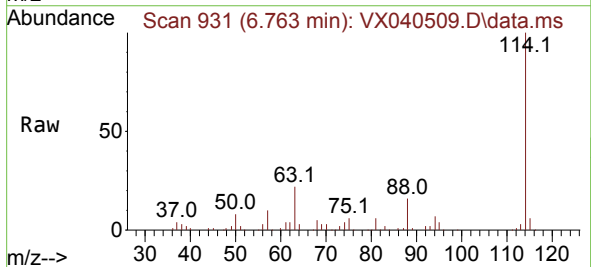
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP302-B-20240227

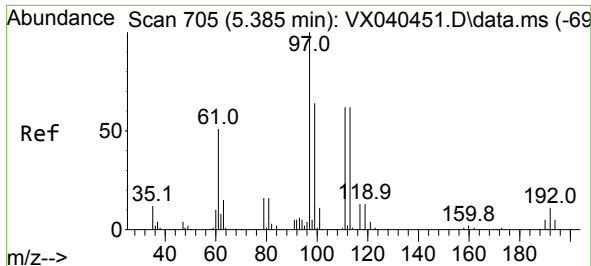
Tgt Ion: 65 Resp: 61446
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040509.D
 Acq: 28 Feb 2024 14:08

Tgt Ion: 114 Resp: 128170
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.3 0.0 36.6

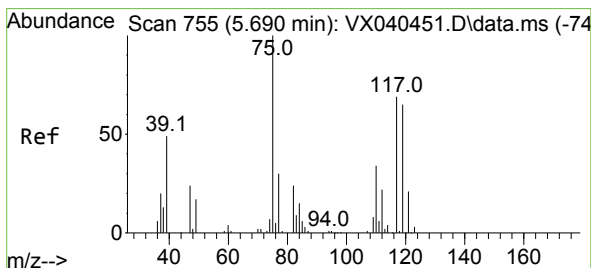
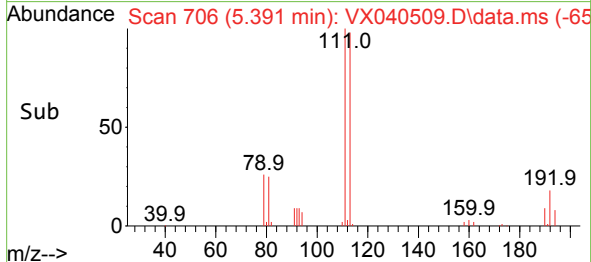
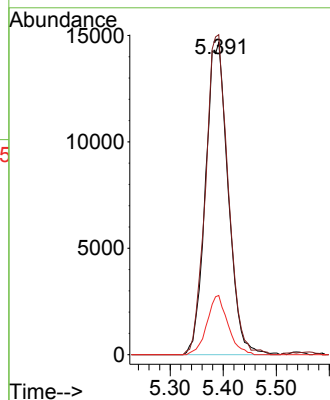
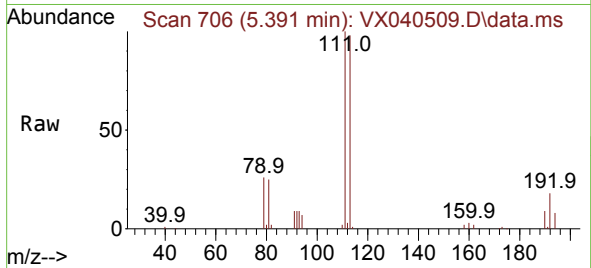




#35
Dibromofluoromethane
Concen: 48.666 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

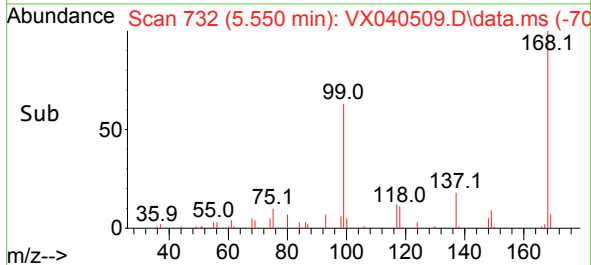
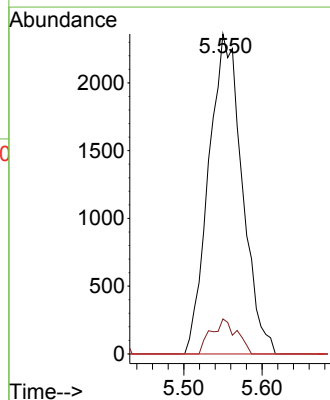
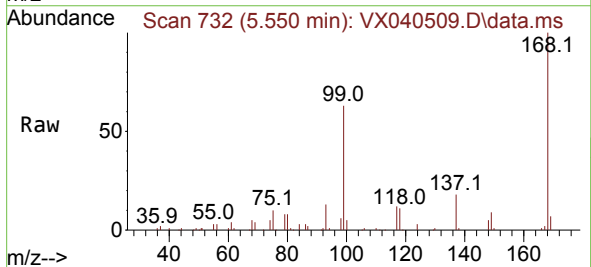
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-B-20240227

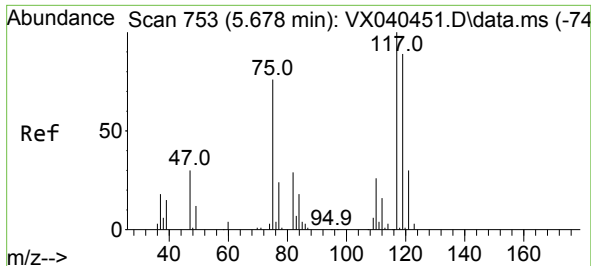
Tgt Ion:113 Resp: 43375
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 17.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.103 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

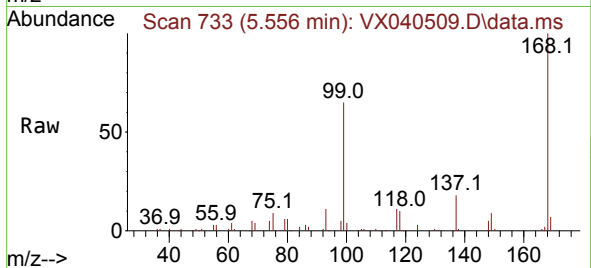
Tgt Ion: 75 Resp: 7007
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



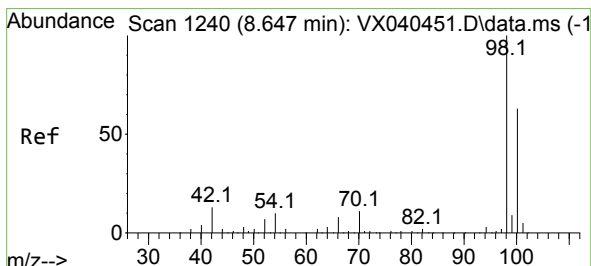
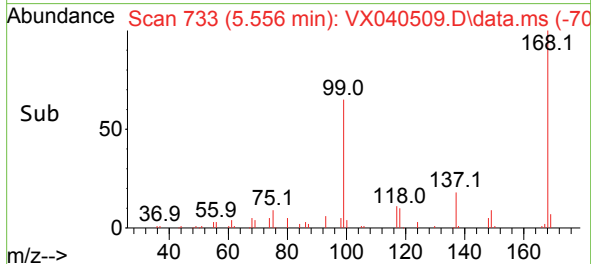
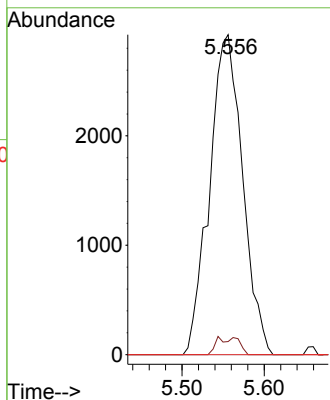


#38
Carbon Tetrachloride
Concen: 6.174 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

Instrument :
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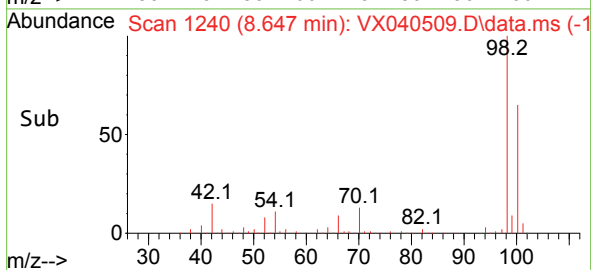
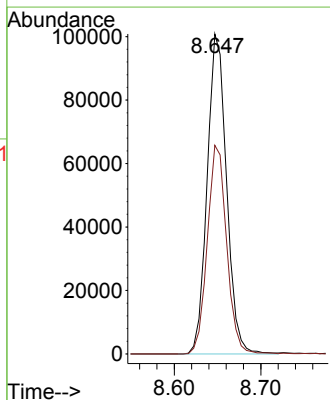
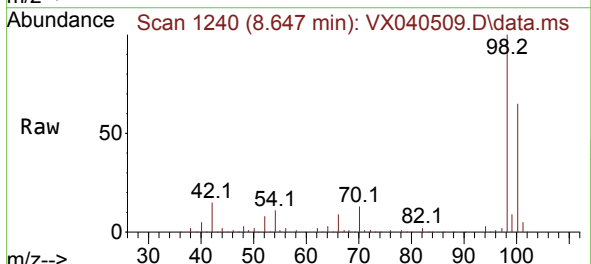


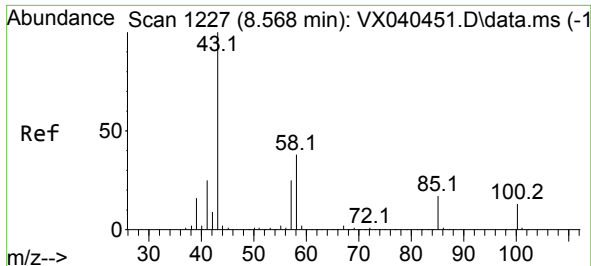
Tgt Ion:117 Resp: 8190
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.404 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

Tgt Ion: 98 Resp: 156600
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

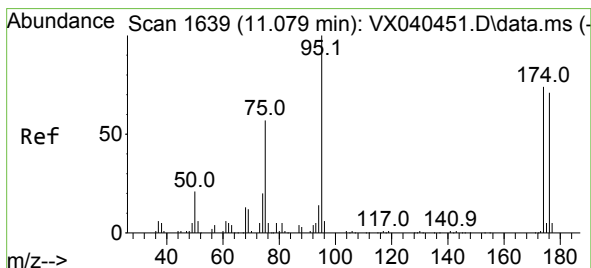
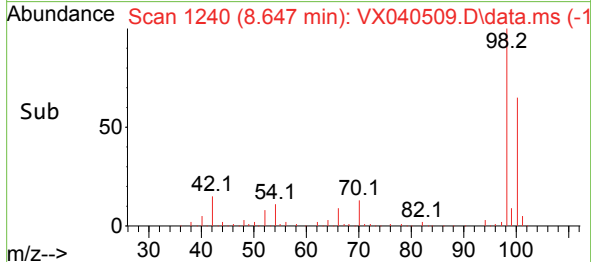
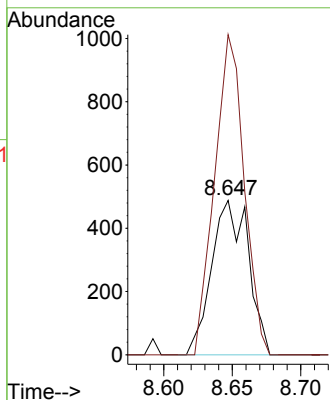
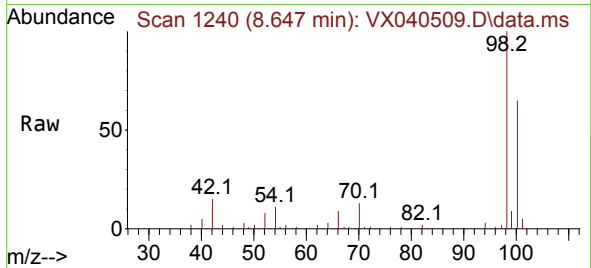




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

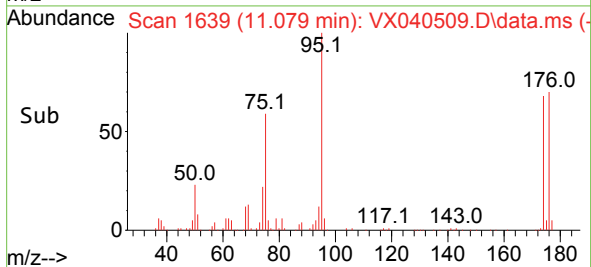
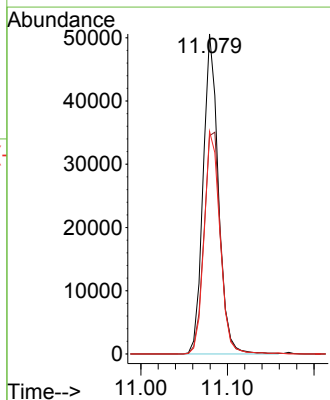
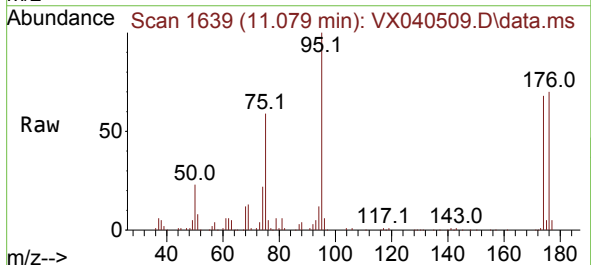
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-B-20240227

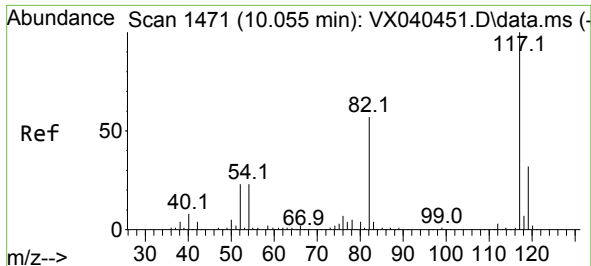
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 167.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.132 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

Tgt Ion: 95 Resp: 61826
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 72.8 0.0 131.0

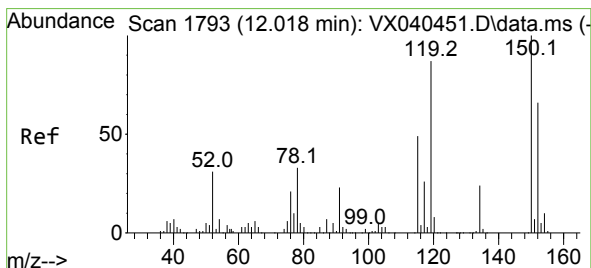
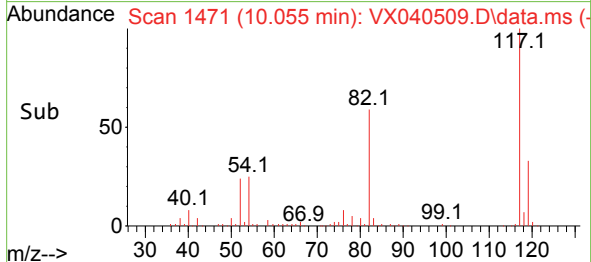
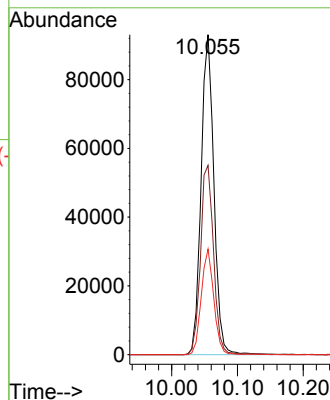
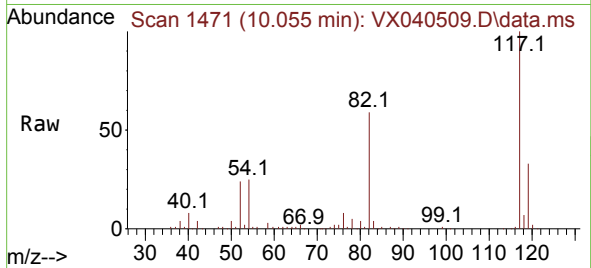




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

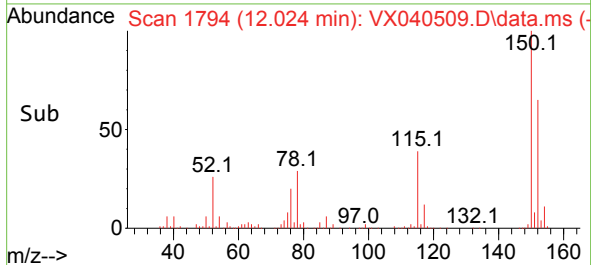
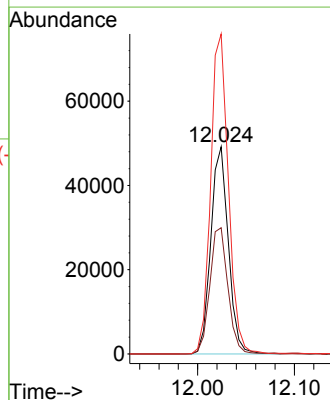
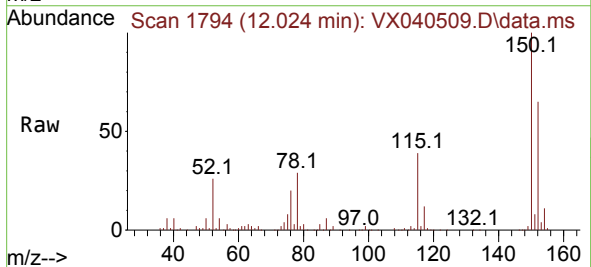
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MSVOA_X
ClientSampleId :
RE137-SP302-B-20240227

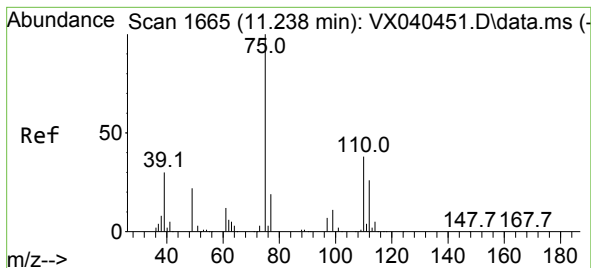
Tgt Ion:117 Resp: 125988
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

Tgt Ion:152 Resp: 62048
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.629 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040509.D

Acq: 28 Feb 2024 14:08

Instrument :

MSVOA_X

ClientSampleId :

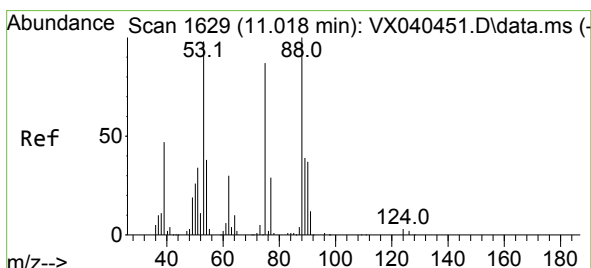
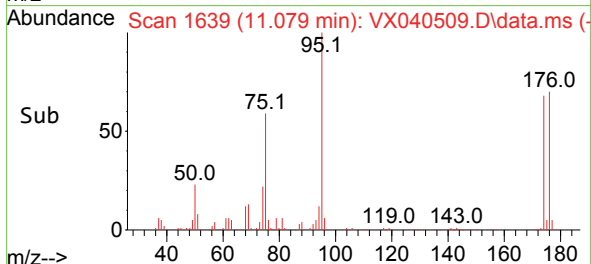
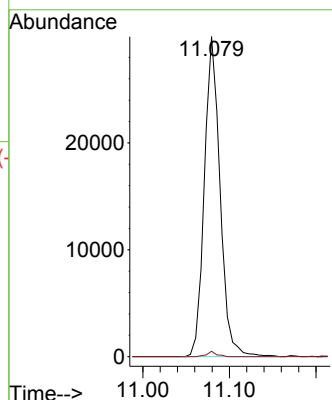
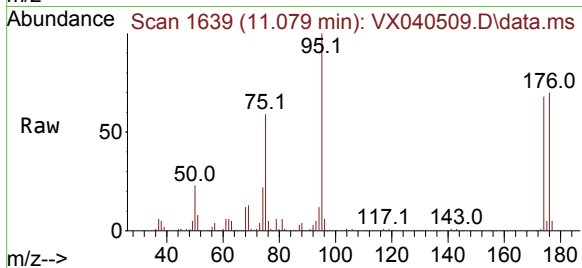
RE137-SP302-B-20240227

Tgt Ion: 75 Resp: 37730

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.021 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040509.D

Acq: 28 Feb 2024 14:08

Tgt Ion: 75 Resp: 37730

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

