

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040510.D
 Acq On : 28 Feb 2024 14:31
 Operator : JC/MD
 Sample : P1614-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 29 03:49:43 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)

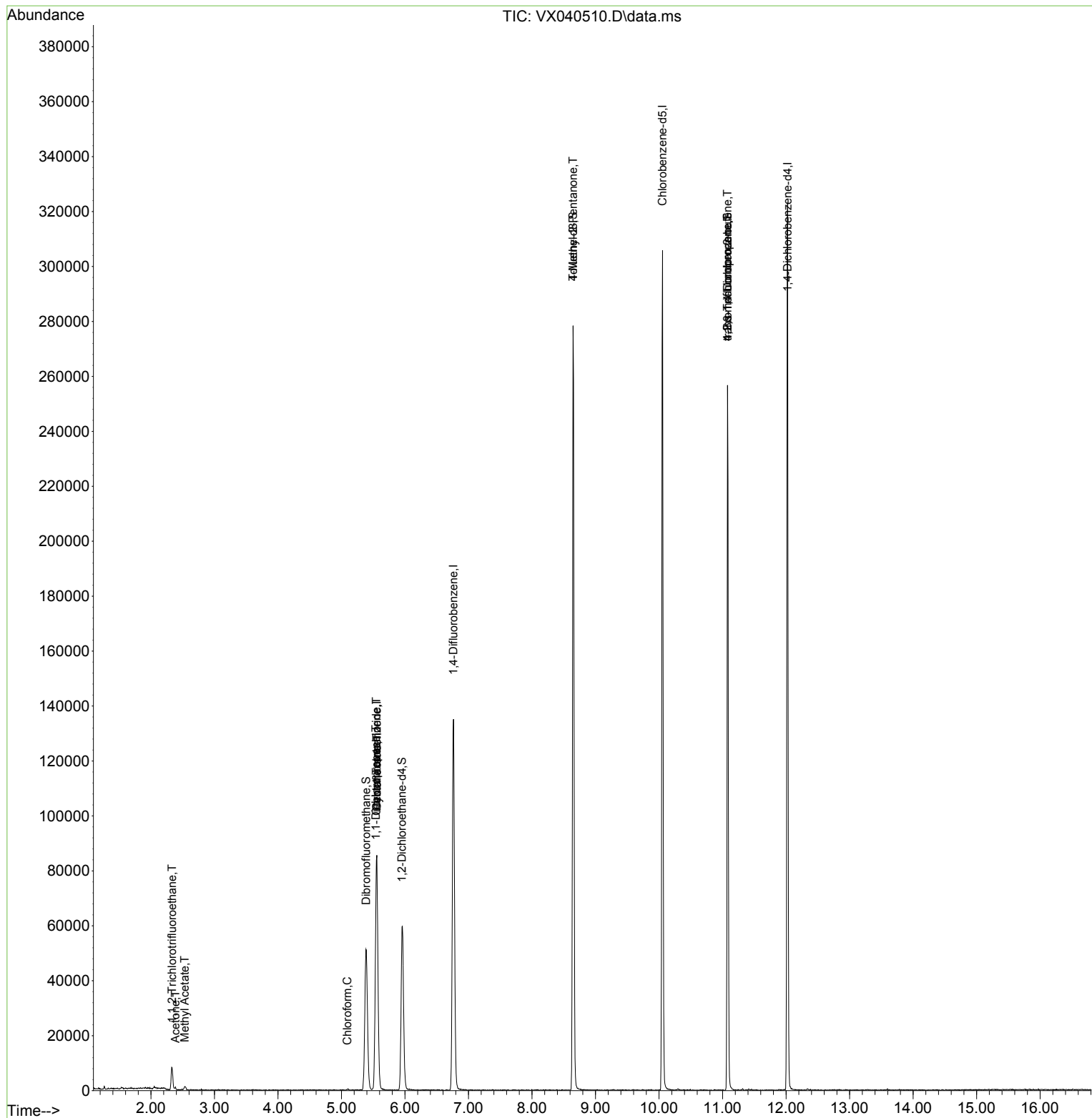
Internal Standards						
1) Pentafluorobenzene	5.556	168	75285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61586	48.909	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.820%
35) Dibromofluoromethane	5.385	113	43962	48.499	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	8.647	98	161327	49.031	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	63633	50.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.460%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	3486	4.080	ug/l	98
16) Acetone	2.386	43	879	2.141	ug/l #	77
18) Methyl Acetate	2.532	43	466	0.368	ug/l #	53
30) Chloroform	5.092	83	448	0.240	ug/l	98
31) Cyclohexane	5.556	56	2343	1.642	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	6775	4.851	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8234	6.103	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	997	0.629	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37646	26.679	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	37646	77.494	ug/l #	5

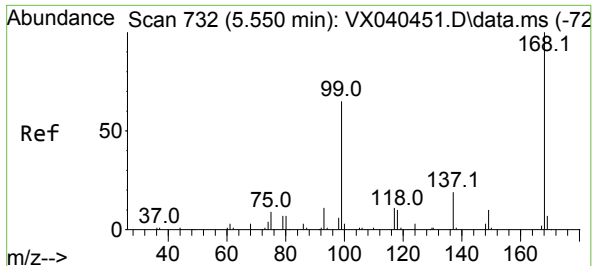
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

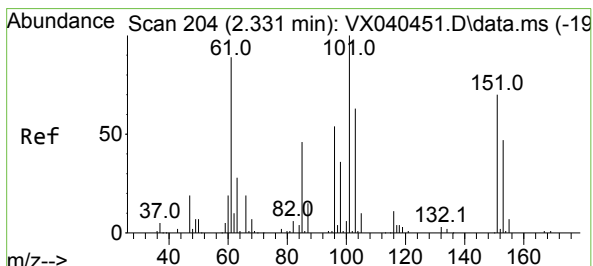
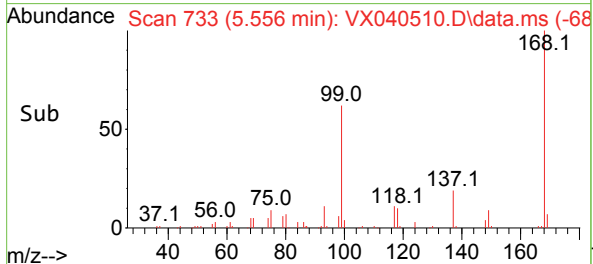
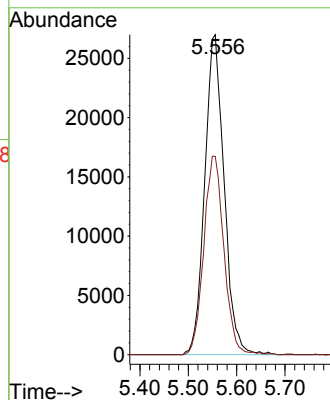
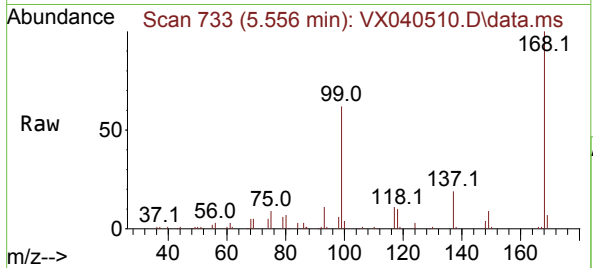




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

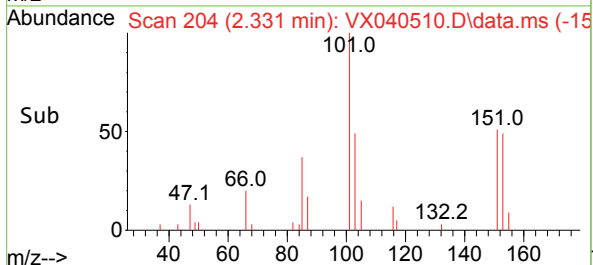
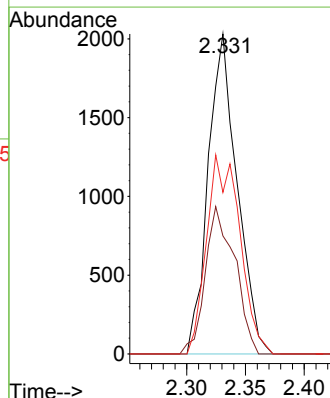
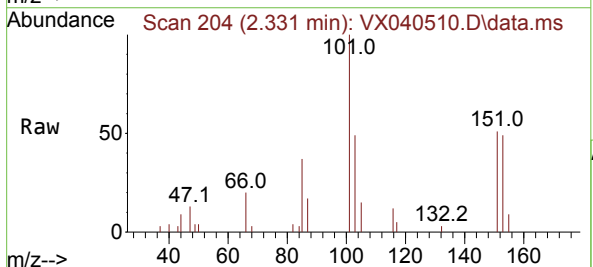
Instrument :
MSVOA_X
ClientSampleId :
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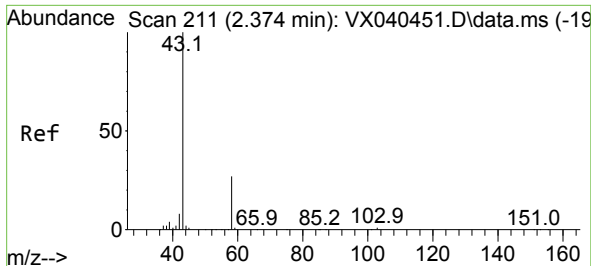
Tgt Ion:168 Resp: 75285
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.080 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

Tgt Ion:101 Resp: 3486
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 71.4 58.6 87.8

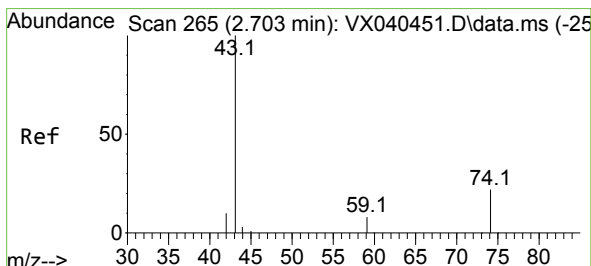
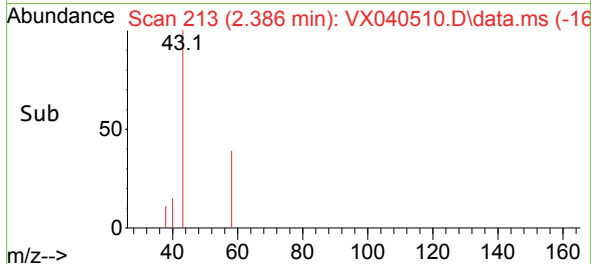
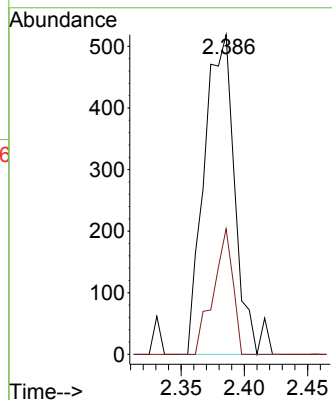
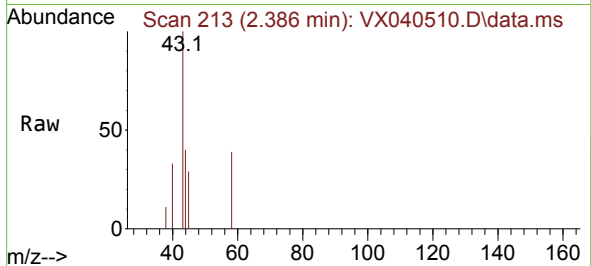




#16
Acetone
Concen: 2.141 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

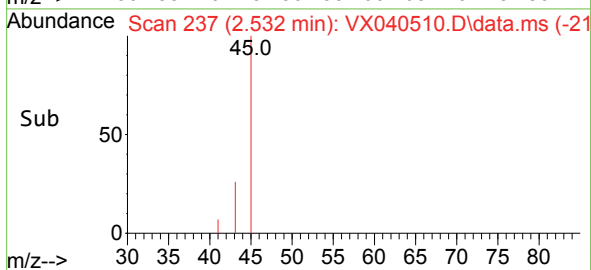
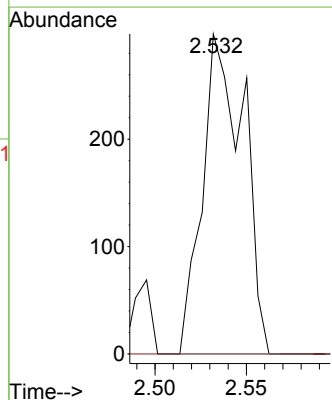
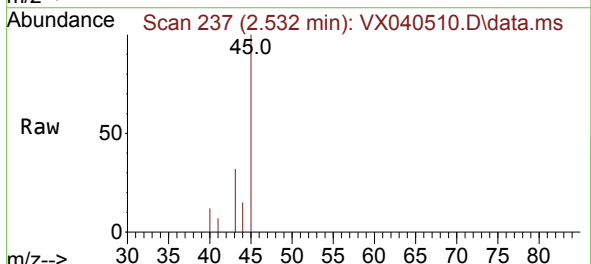
Instrument :
MSVOA_X
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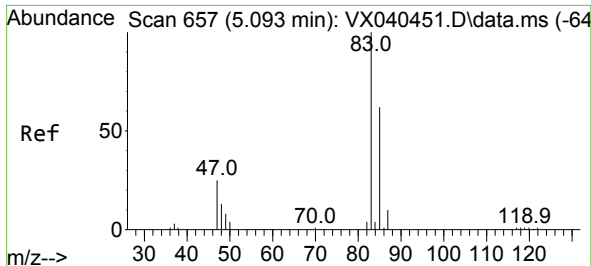
Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
58 39.3 21.9 32.9#



#18
Methyl Acetate
Concen: 0.368 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

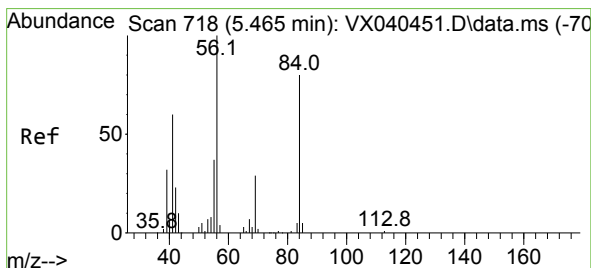
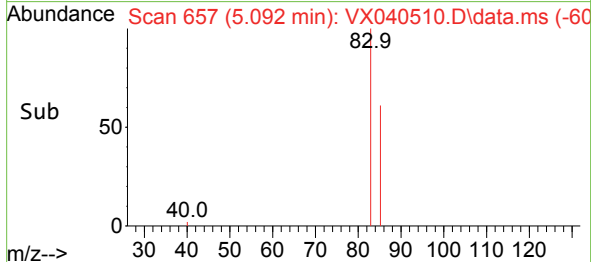
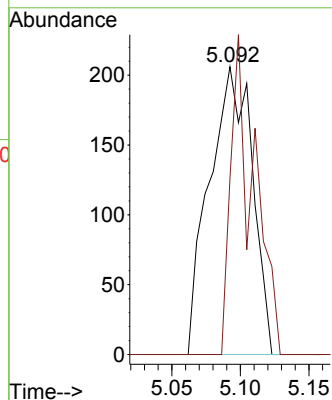
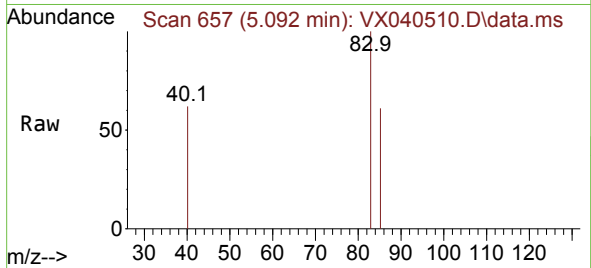




#30
Chloroform
Concen: 0.240 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

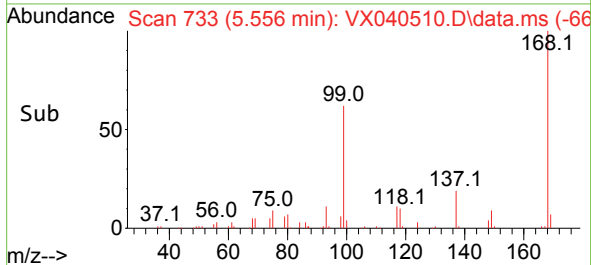
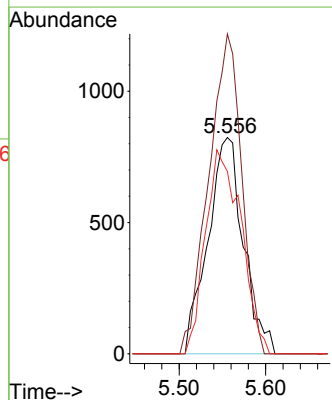
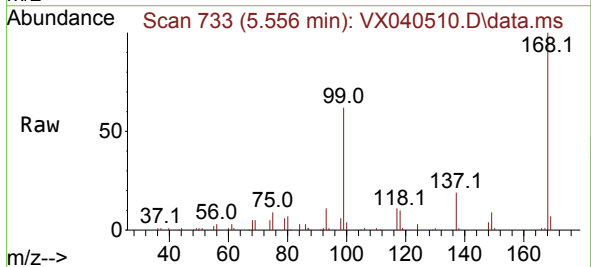
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-B-20240227

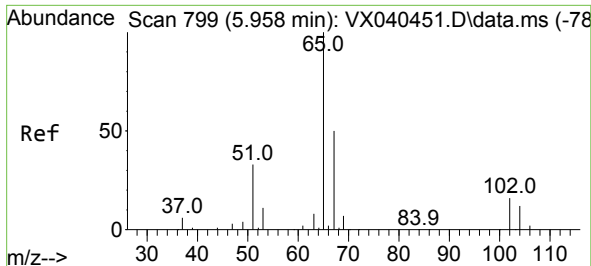
Tgt Ion: 83 Resp: 448
Ion Ratio Lower Upper
83 100
85 61.2 50.3 75.5



#31
Cyclohexane
Concen: 1.642 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

Tgt Ion: 56 Resp: 2343
Ion Ratio Lower Upper
56 100
69 147.8 23.4 35.2#
84 84.3 65.9 98.9

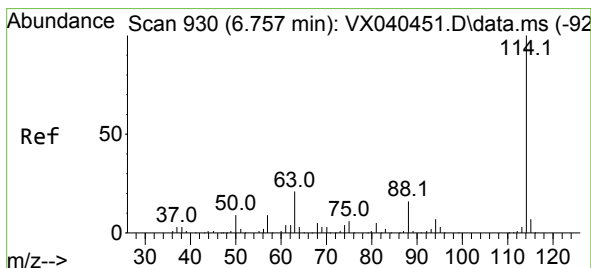
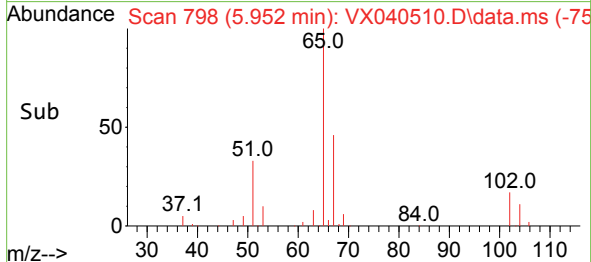
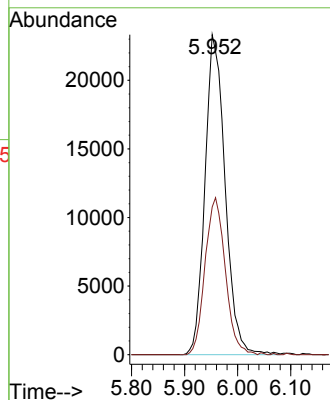
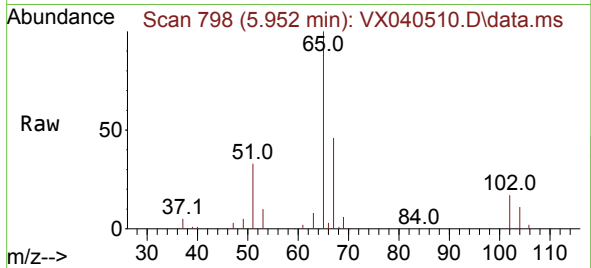




#33
1,2-Dichloroethane-d4
Concen: 48.909 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

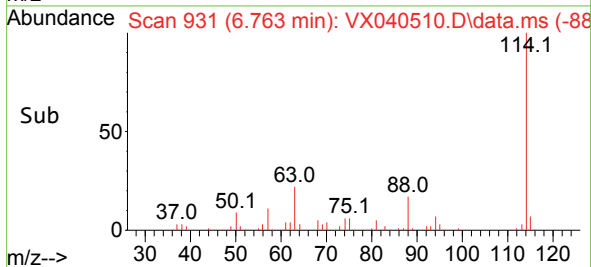
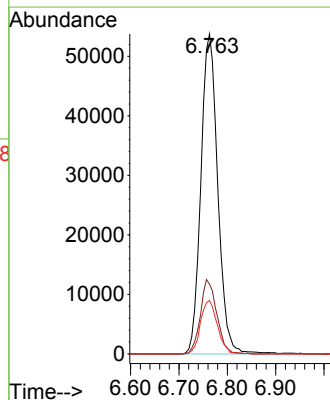
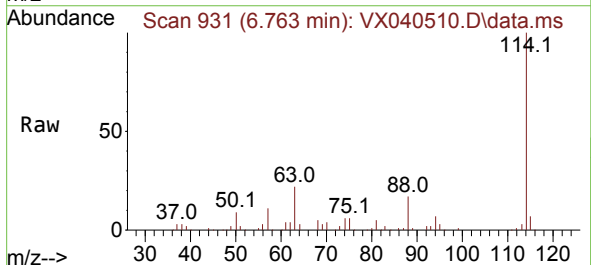
Instrument :
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ClientSampleId :
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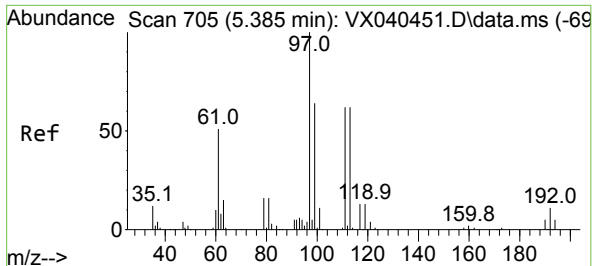
Tgt Ion: 65 Resp: 61586
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

Tgt Ion: 114 Resp: 130350
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 16.7 0.0 36.6

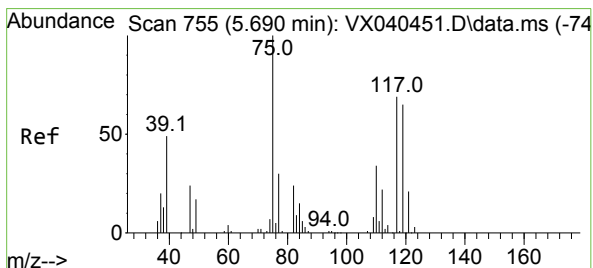
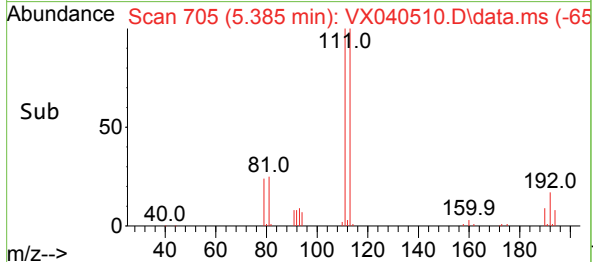
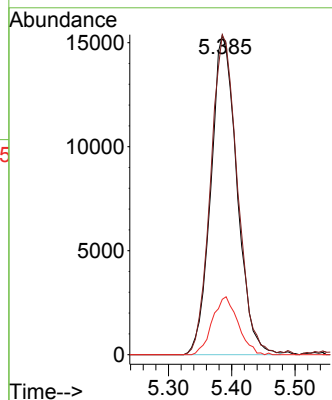
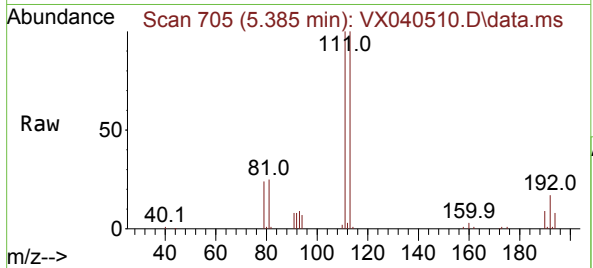




#35
Dibromofluoromethane
Concen: 48.499 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

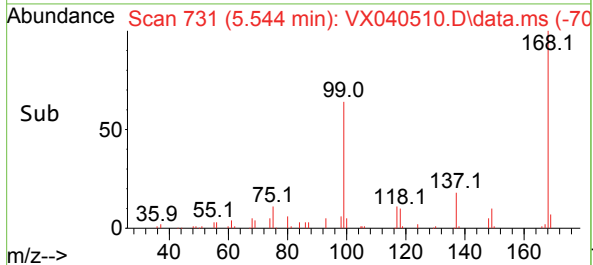
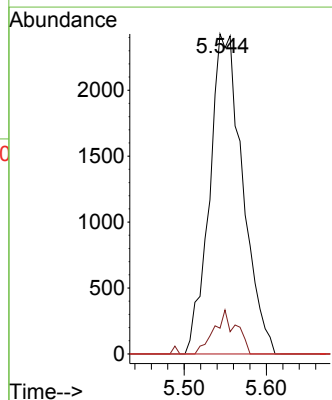
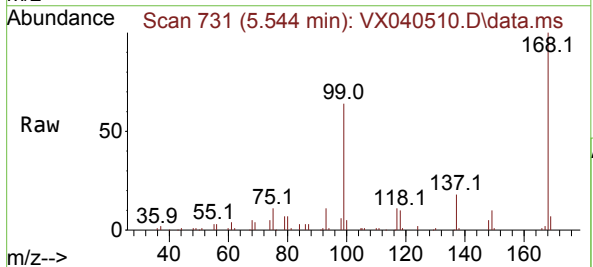
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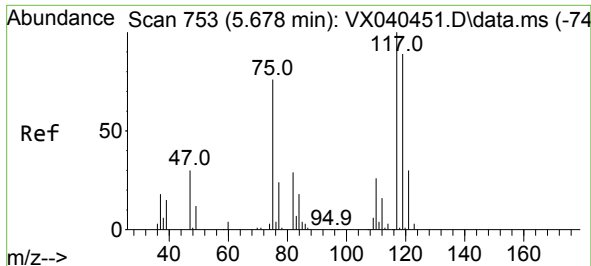
Tgt Ion:113 Resp: 43962
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

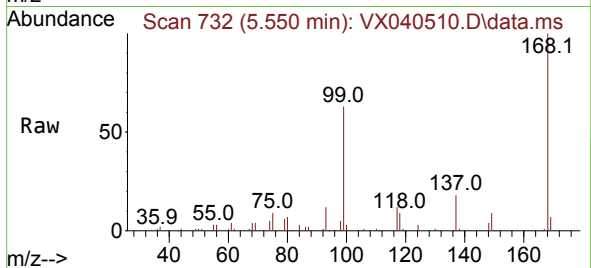
Tgt Ion: 75 Resp: 6775
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



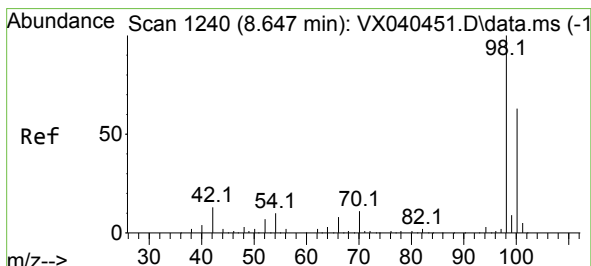
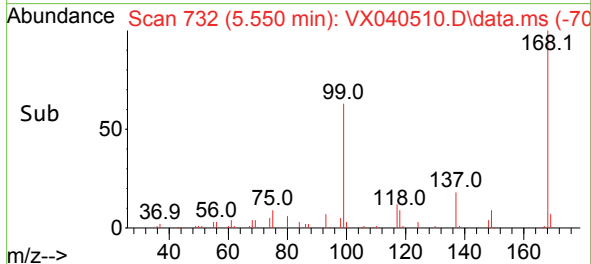
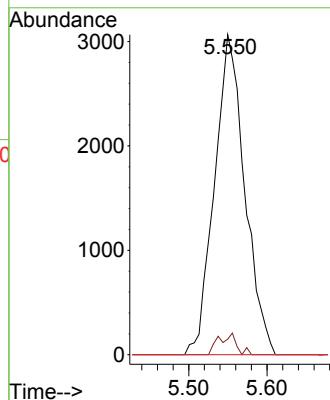


#38
Carbon Tetrachloride
Concen: 6.103 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

Instrument :
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ClientSampleId :
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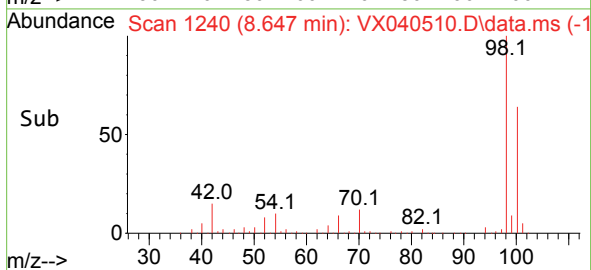
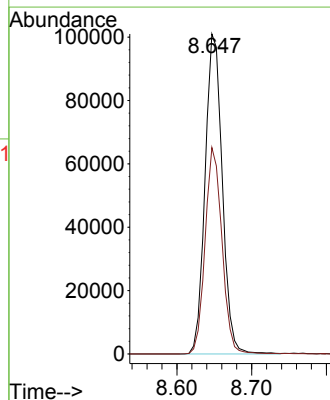
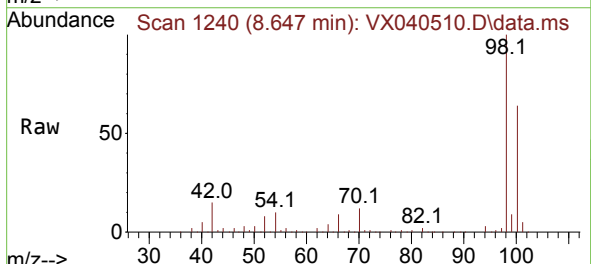


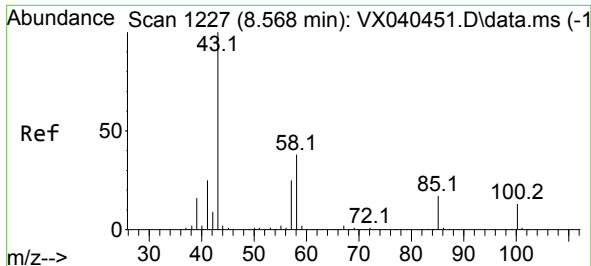
Tgt Ion:117 Resp: 8234
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.031 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

Tgt Ion: 98 Resp: 161327
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

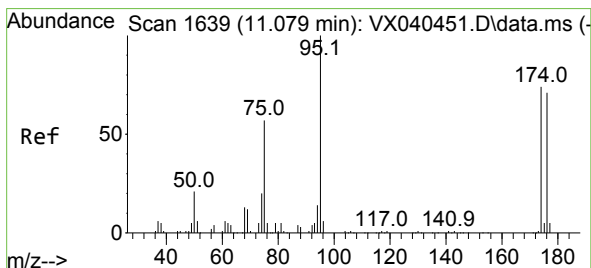
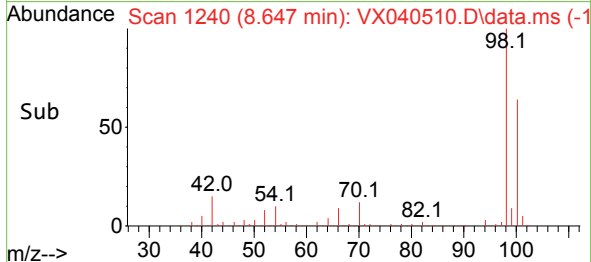
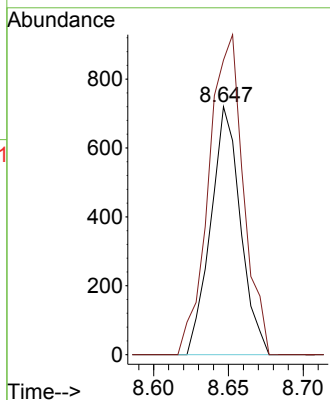
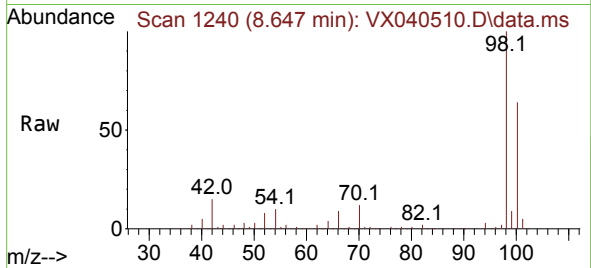




#51
4-Methyl-2-Pentanone
Concen: 0.629 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

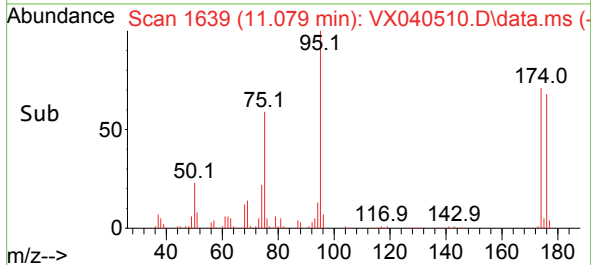
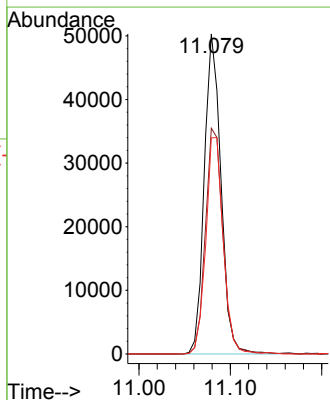
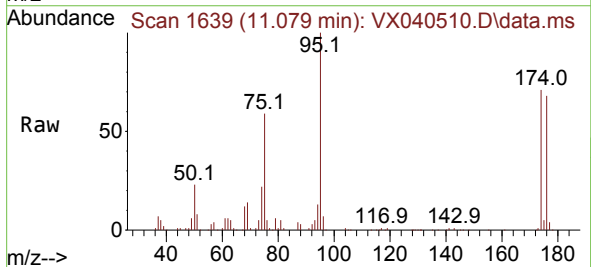
Instrument :
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ClientSampleId :
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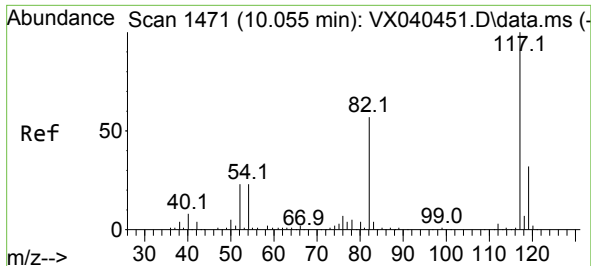
Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 150.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.735 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

Tgt Ion: 95 Resp: 63633
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 71.1 0.0 131.0

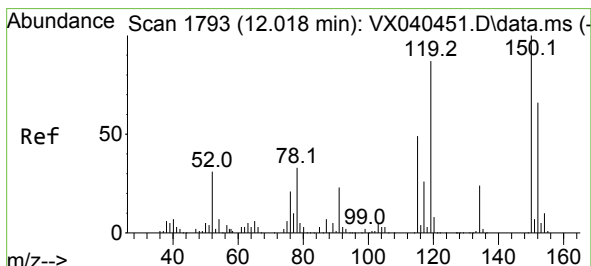
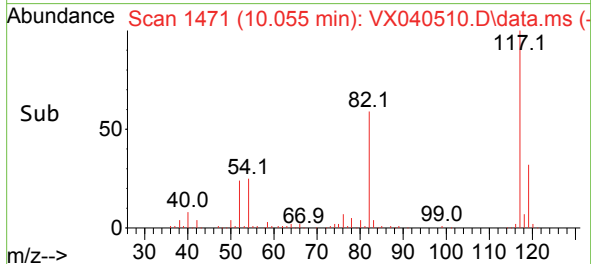
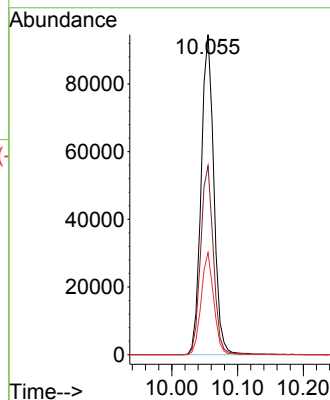
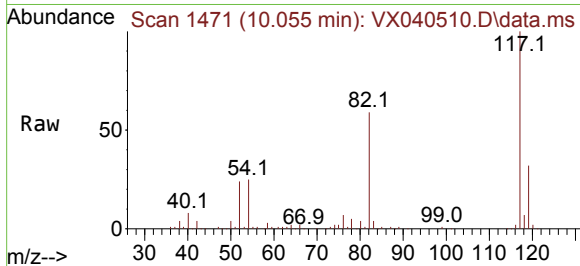




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

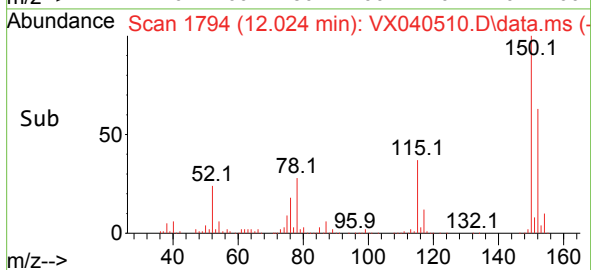
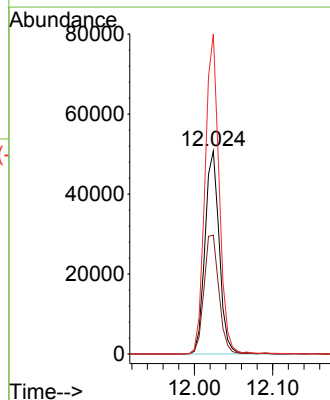
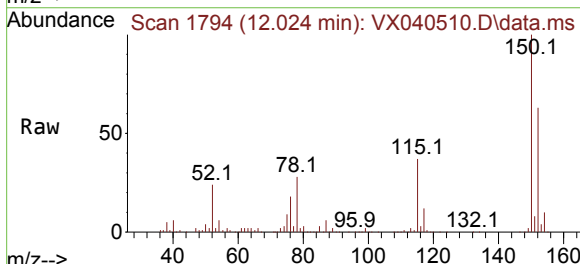
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-B-20240227

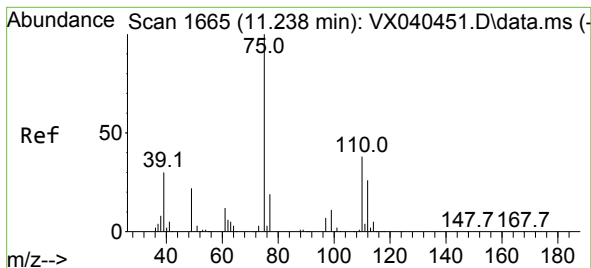
Tgt Ion:117 Resp: 126911
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040510.D
Acq: 28 Feb 2024 14:31

Tgt Ion:152 Resp: 64115
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 155.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.679 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040510.D

Acq: 28 Feb 2024 14:31

Instrument :

MSVOA_X

ClientSampleId :

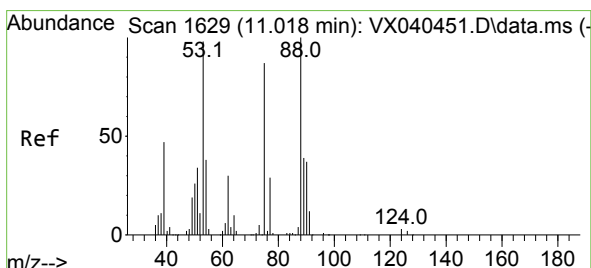
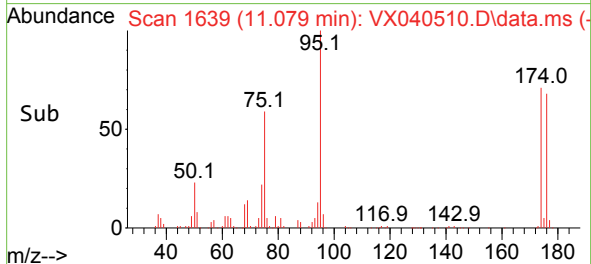
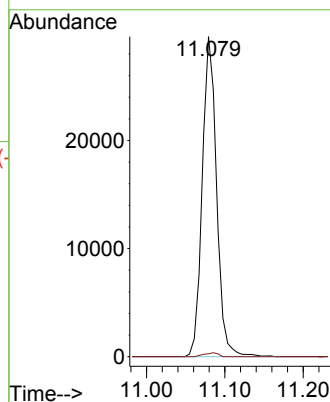
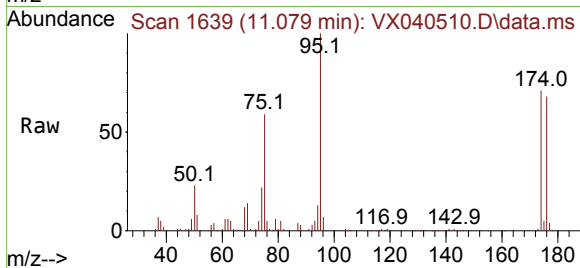
RE137-SP303-B-20240227

Tgt Ion: 75 Resp: 37646

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.494 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040510.D

Acq: 28 Feb 2024 14:31

Tgt Ion: 75 Resp: 37646

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

