

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039904.D
 Acq On : 23 Jan 2024 12:55
 Operator : JC/MD
 Sample : P1196-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP303-C-20240118

Quant Time: Jan 24 02:31:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

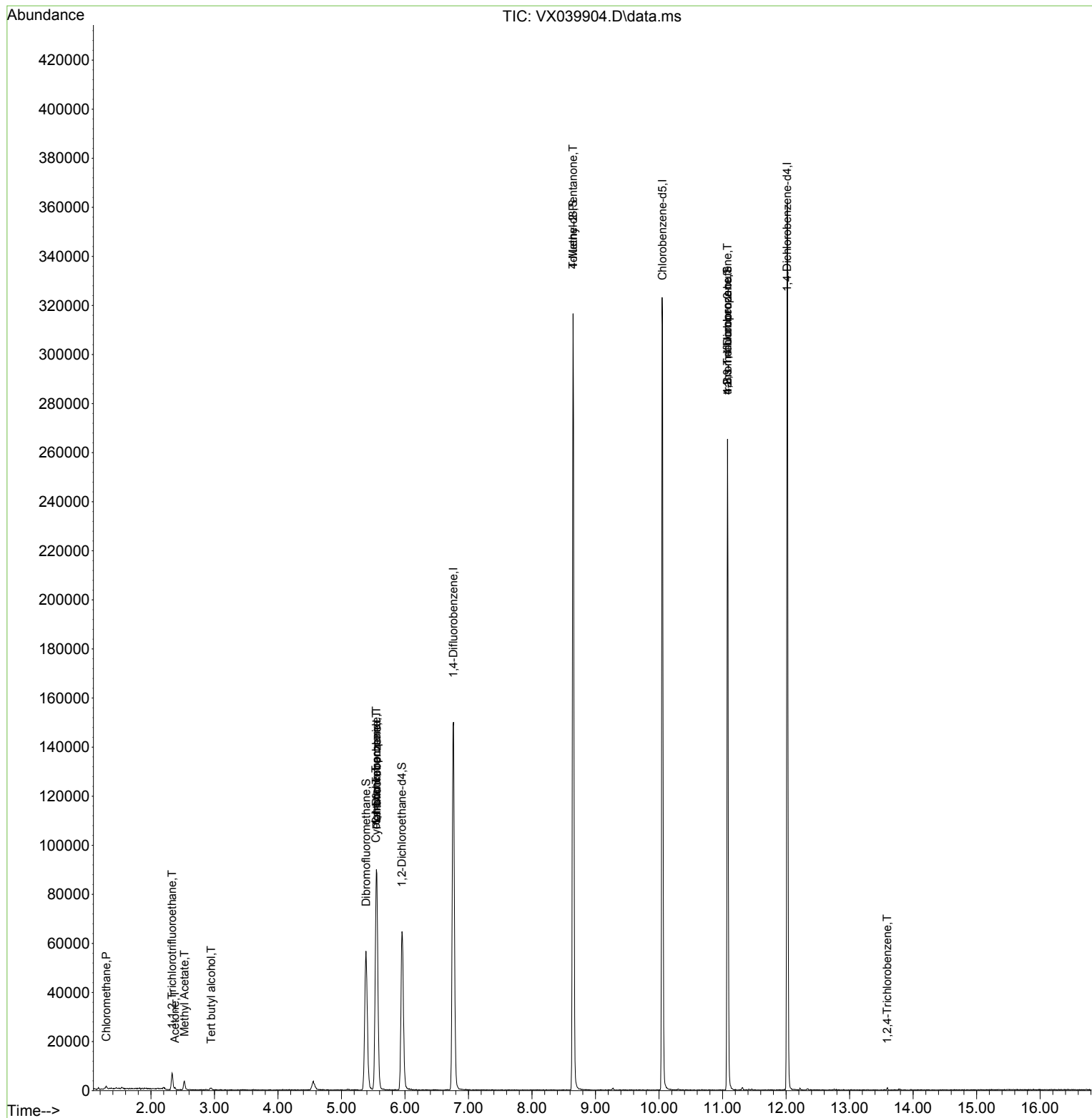
Internal Standards						
1) Pentafluorobenzene	5.556	168	80226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63405	47.180	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.360%		
35) Dibromofluoromethane	5.385	113	48702	49.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.640%		
50) Toluene-d8	8.647	98	181305	48.677	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.360%		
62) 4-Bromofluorobenzene	11.079	95	69325	47.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.200%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	687	0.580	ug/l #	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	2554	2.553	ug/l	95
11) Tert butyl alcohol	2.947	59	494	1.412	ug/l #	78
16) Acetone	2.380	43	934	1.236	ug/l	98
18) Methyl Acetate	2.526	43	1141	0.722	ug/l #	53
31) Cyclohexane	5.544	56	2105	1.187	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	7628	4.962	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8716	6.191	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	979	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38701	22.343	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	38701	64.730	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	301	0.219	ug/l	91

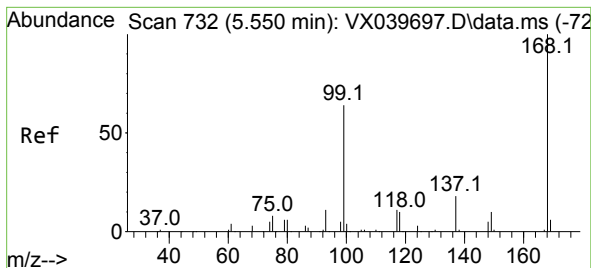
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 11 03:51:26 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: VX039904.D

Acq: 23 Jan 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :

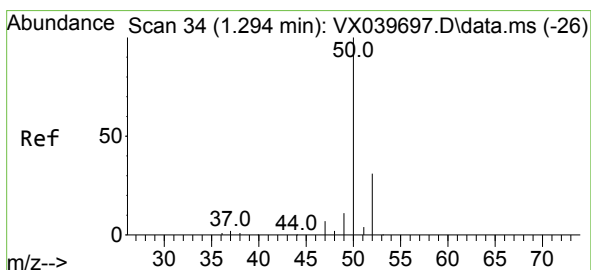
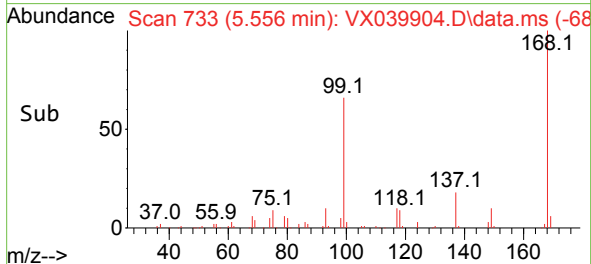
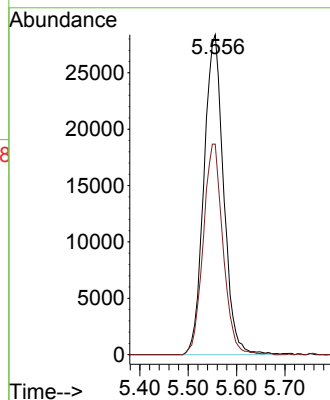
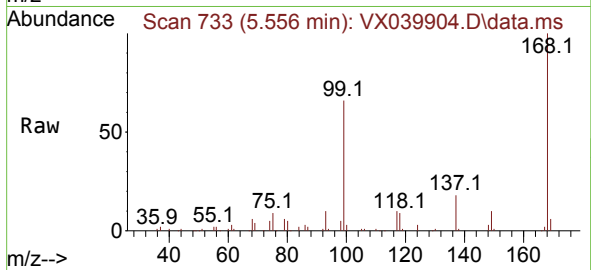
RE137-SP303-C-20240118

Tgt Ion:168 Resp: 80226

Ion Ratio Lower Upper

168 100

99 65.8 56.6 85.0



#3

Chloromethane

Concen: 0.580 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039904.D

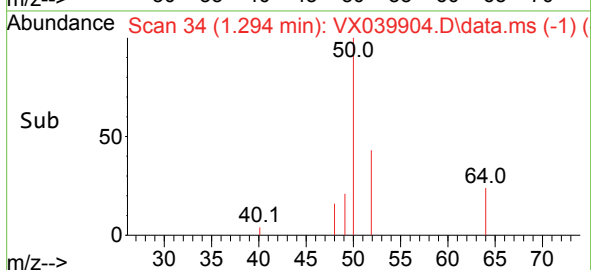
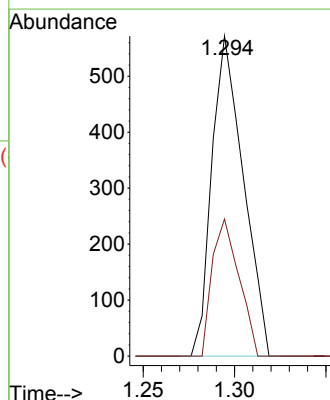
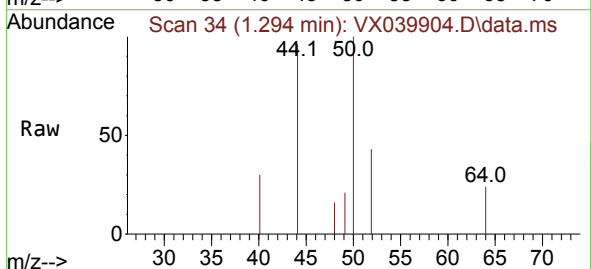
Acq: 23 Jan 2024 12:55

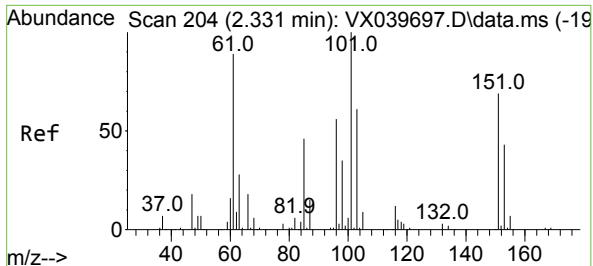
Tgt Ion: 50 Resp: 687

Ion Ratio Lower Upper

50 100

52 42.8 25.5 38.3#

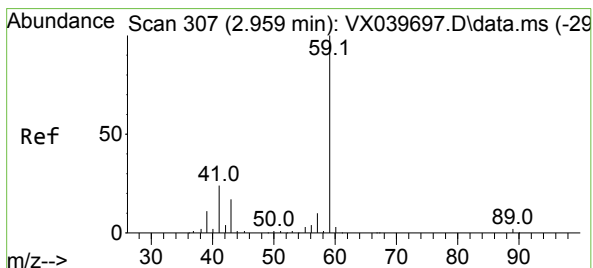
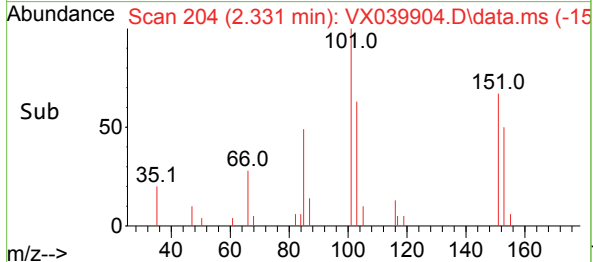
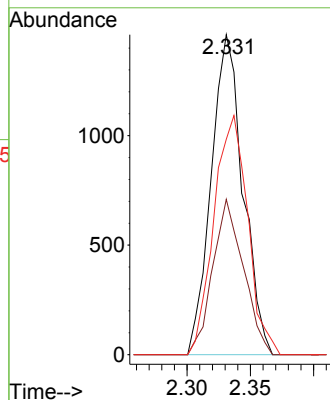
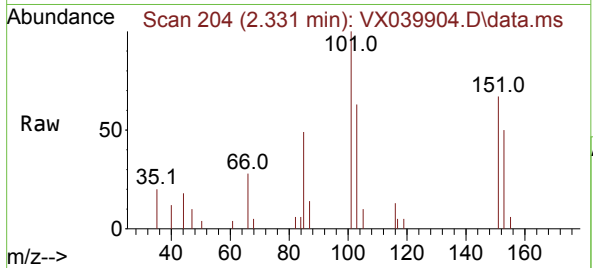




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.553 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

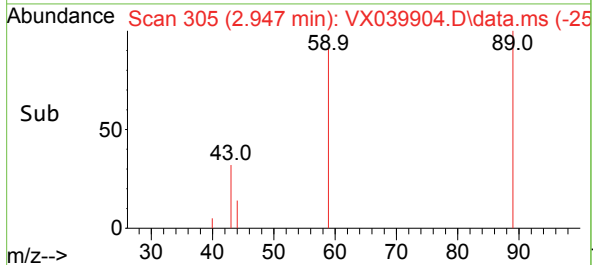
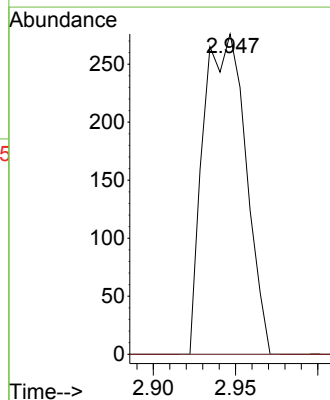
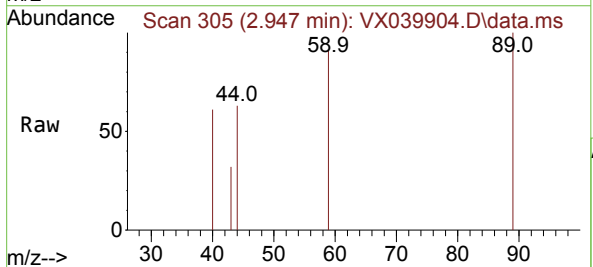
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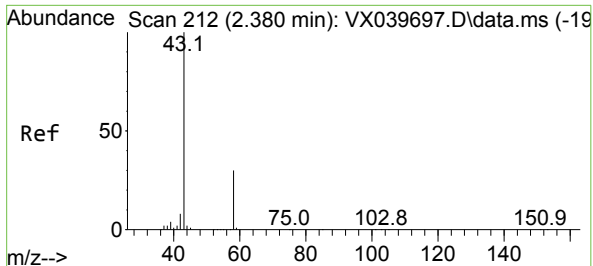
Tgt Ion:101 Resp: 2554
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 79.4 58.6 87.8



#11
Tert butyl alcohol
Concen: 1.412 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

Tgt Ion: 59 Resp: 494
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

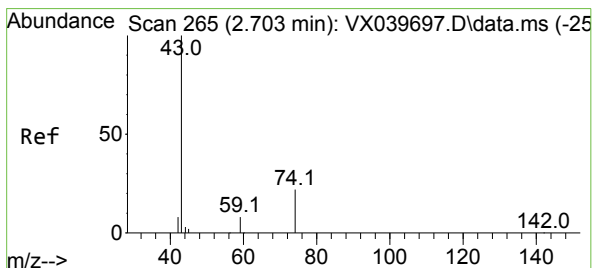
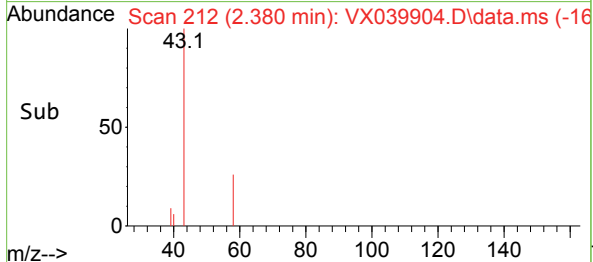
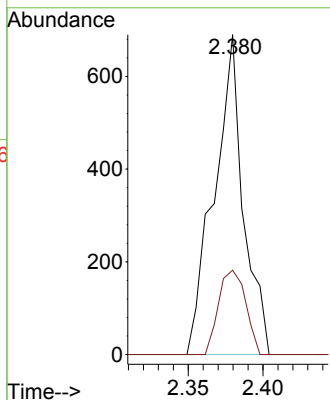
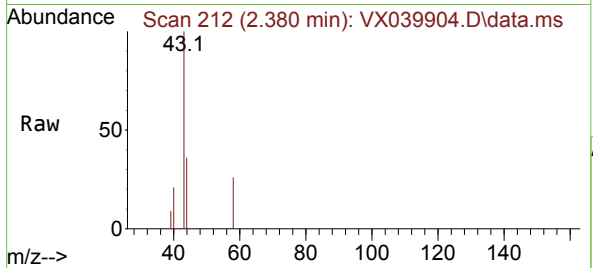




#16
Acetone
Concen: 1.236 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

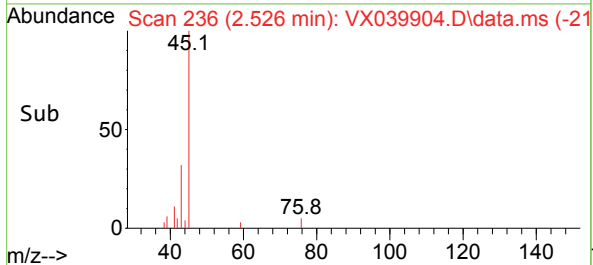
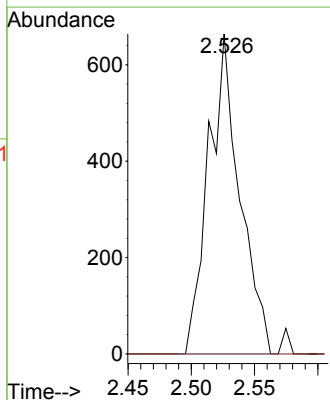
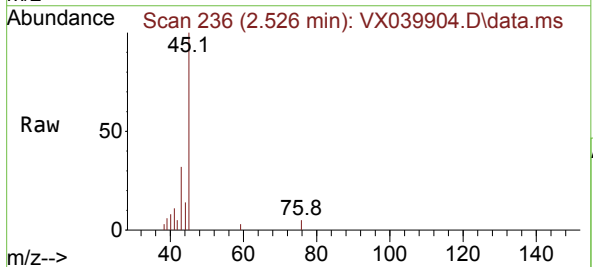
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-C-20240118

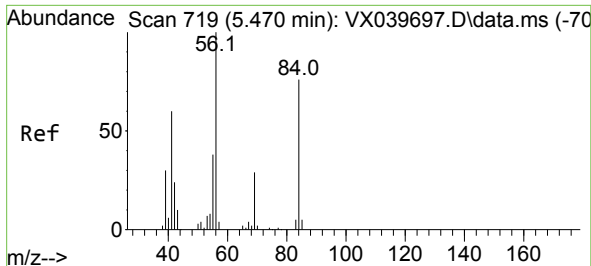
Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 26.4 21.9 32.9



#18
Methyl Acetate
Concen: 0.722 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.177 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

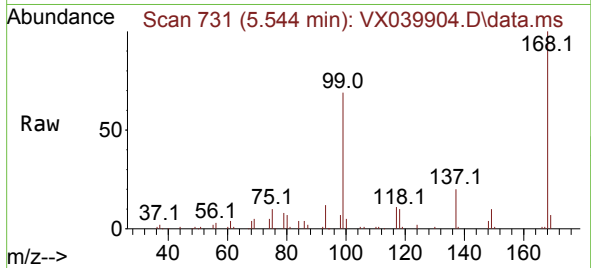
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



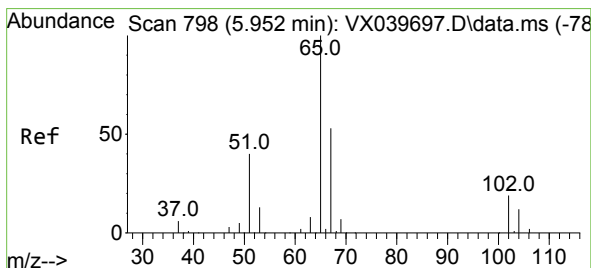
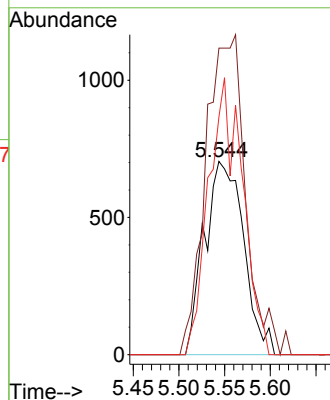
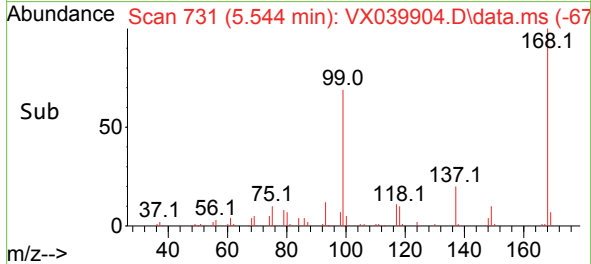


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

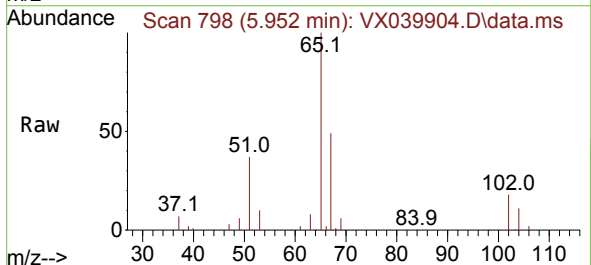
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-C-20240118



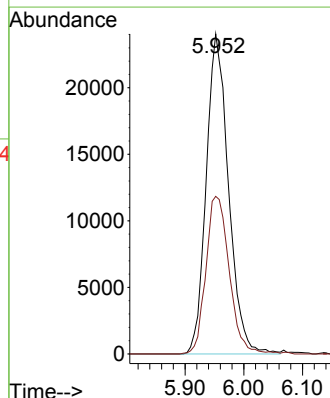
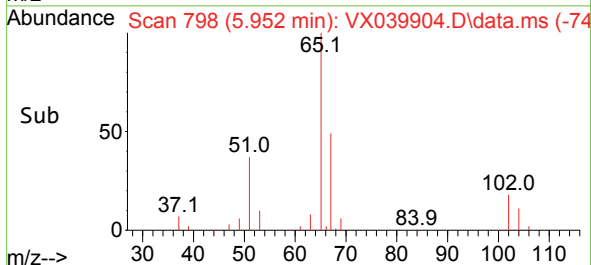
Tgt Ion: 56 Resp: 2105
Ion Ratio Lower Upper
56 100
69 158.7 23.4 35.2#
84 123.0 65.9 98.9#

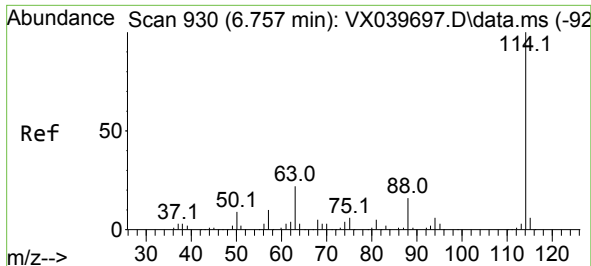


#33
1,2-Dichloroethane-d4
Concen: 47.180 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55



Tgt Ion: 65 Resp: 63405
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

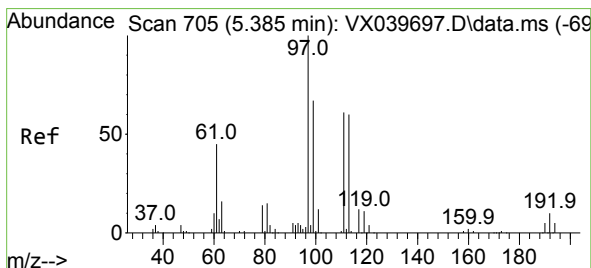
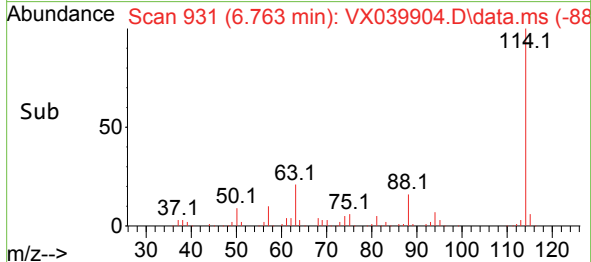
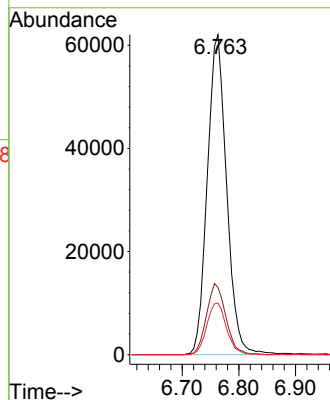
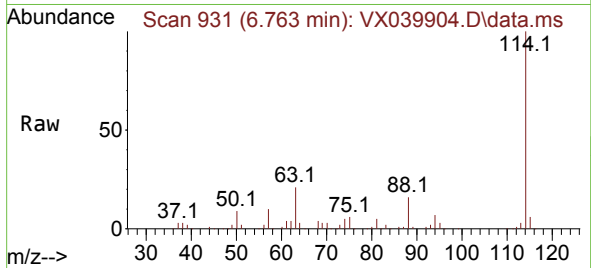




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

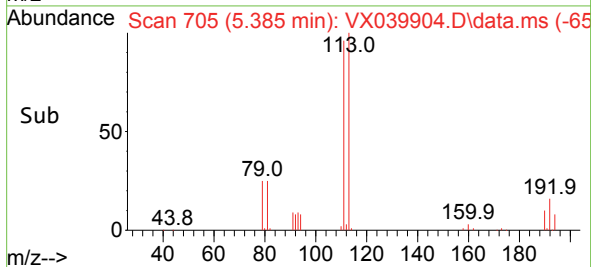
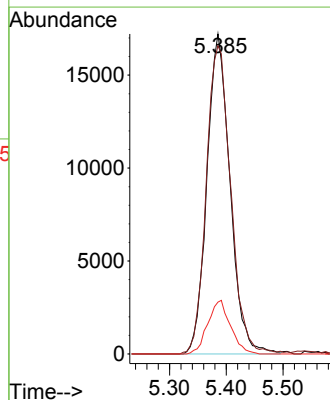
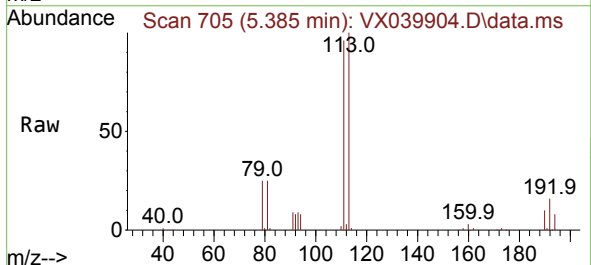
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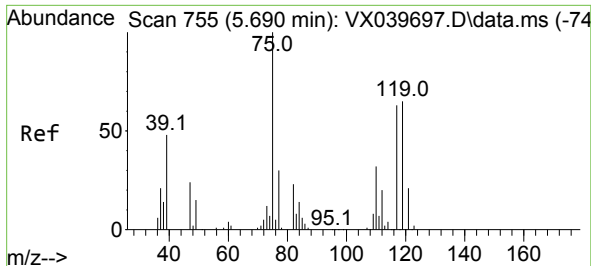
Tgt Ion:114 Resp: 146622
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.315 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

Tgt Ion:113 Resp: 48702
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 16.5 13.3 19.9

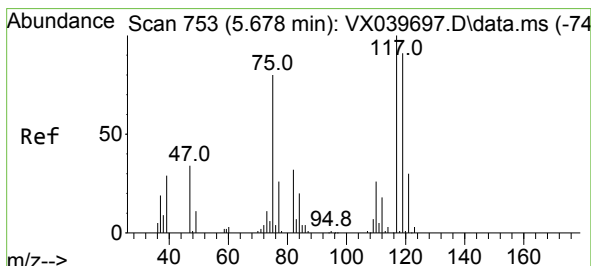
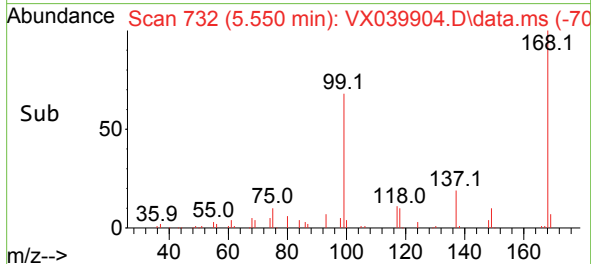
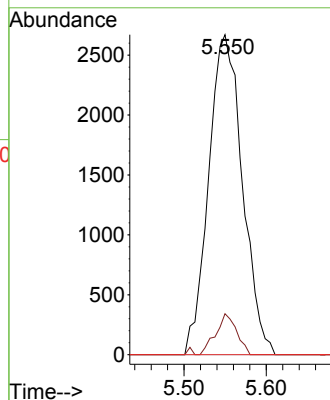
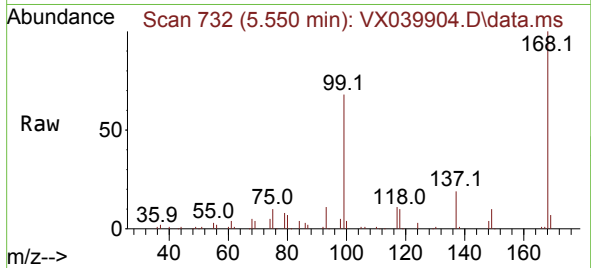




#36
1,1-Dichloropropene
Concen: 4.962 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

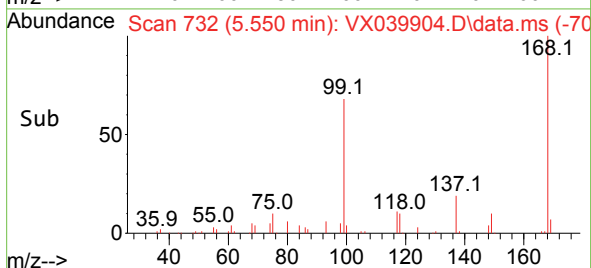
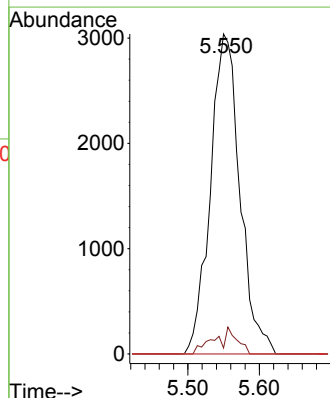
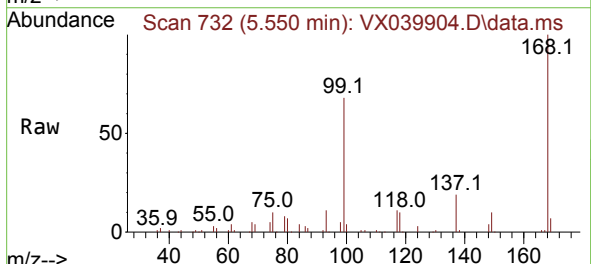
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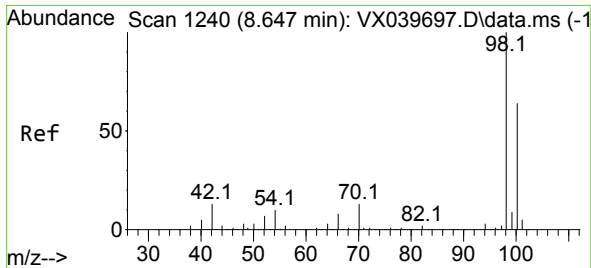
Tgt Ion: 75 Resp: 7628
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

Tgt Ion: 117 Resp: 8716
Ion Ratio Lower Upper
117 100
119 1.8 78.2 117.2#
121 0.0 24.4 36.6#

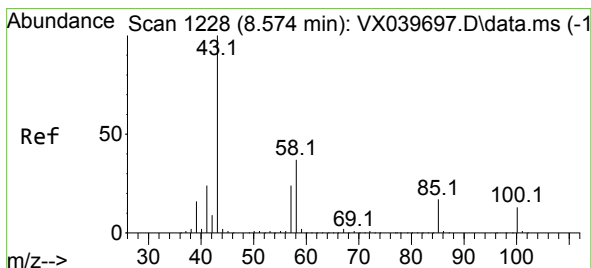
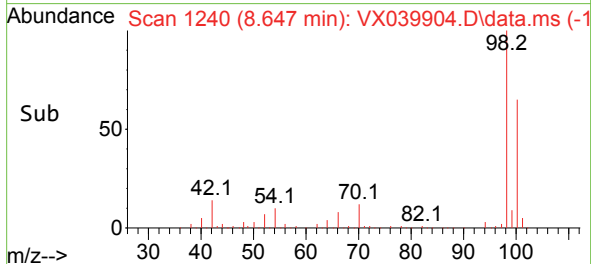
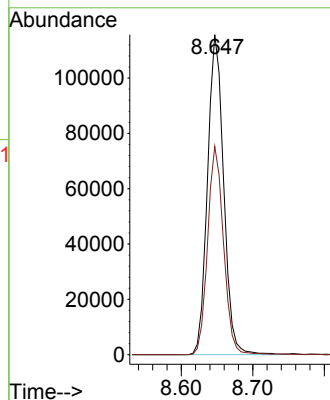
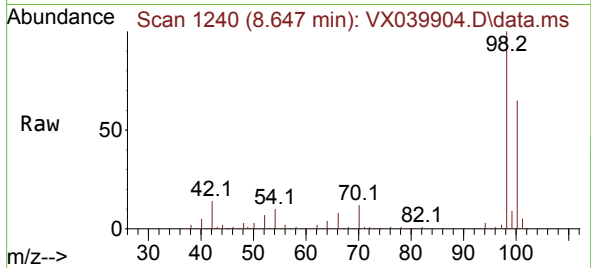




#50
Toluene-d8
Concen: 48.677 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

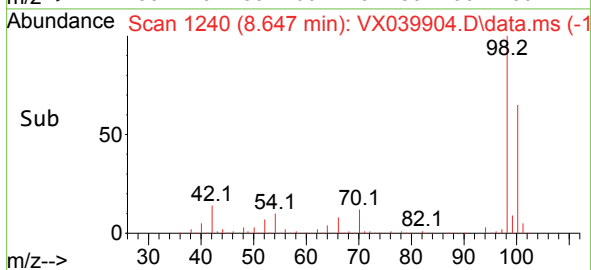
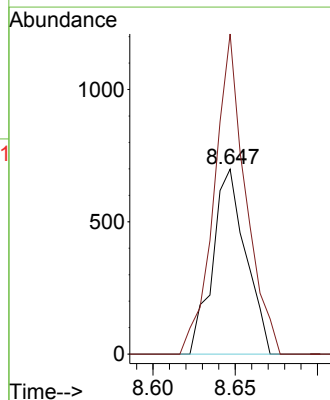
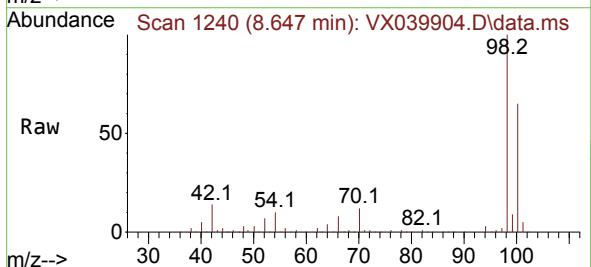
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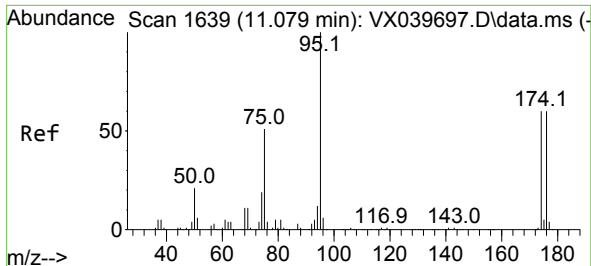
Tgt Ion: 98 Resp: 181305
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 164.5 30.4 45.6#

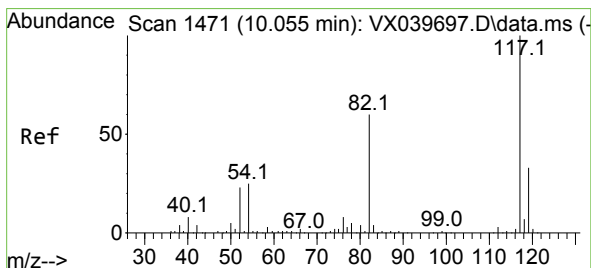
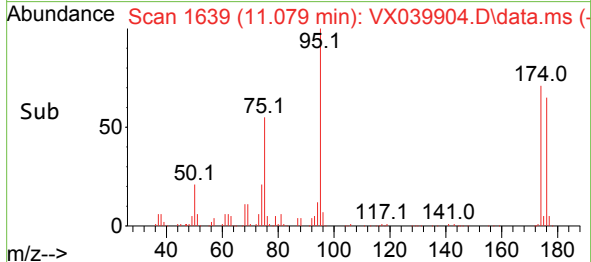
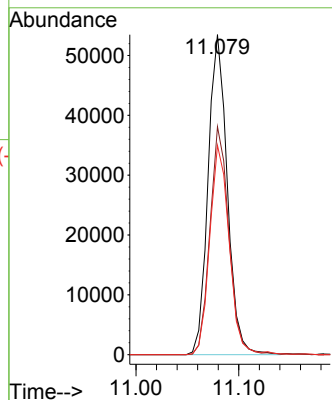
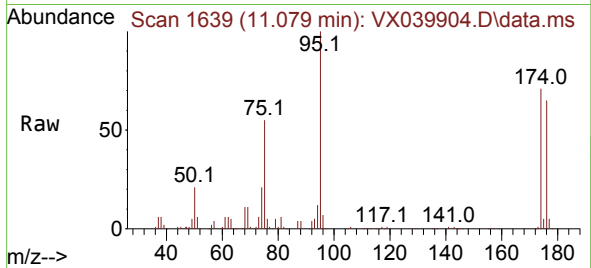




#62
4-Bromofluorobenzene
Concen: 47.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

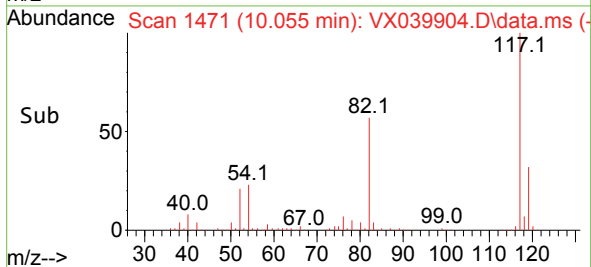
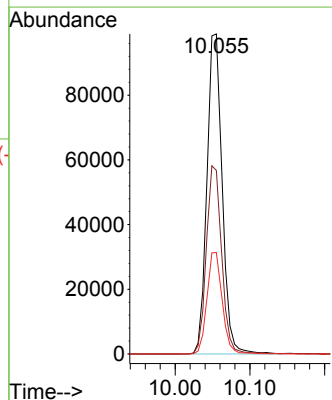
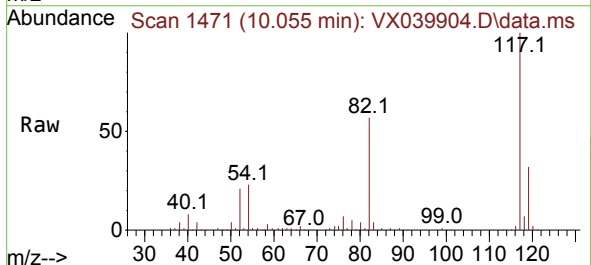
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-C-20240118

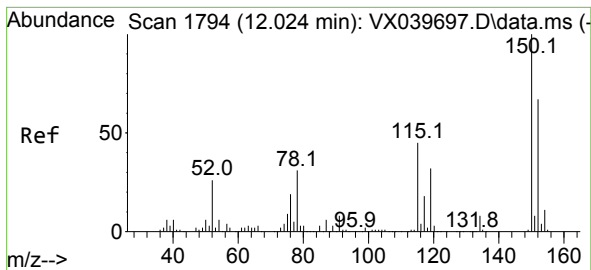
Tgt Ion: 95 Resp: 69325
Ion Ratio Lower Upper
95 100
174 70.8 0.0 135.6
176 66.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

Tgt Ion: 117 Resp: 140383
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039904.D

Acq: 23 Jan 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :

RE137-SP303-C-20240118

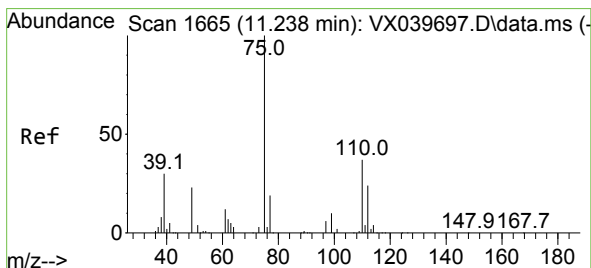
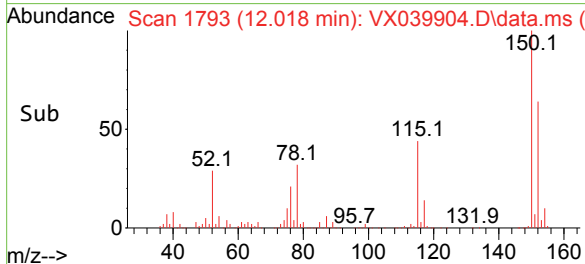
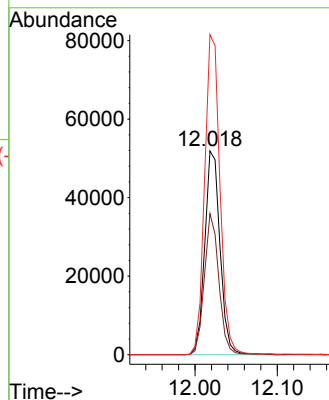
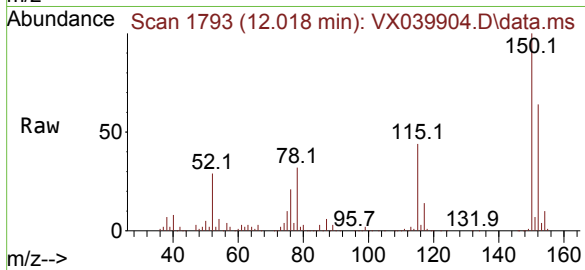
Tgt Ion:152 Resp: 66810

Ion Ratio Lower Upper

152 100

115 65.8 43.3 129.9

150 158.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.343 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039904.D

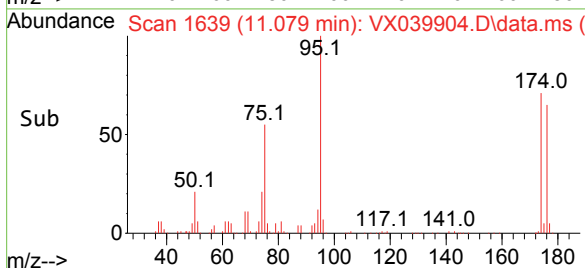
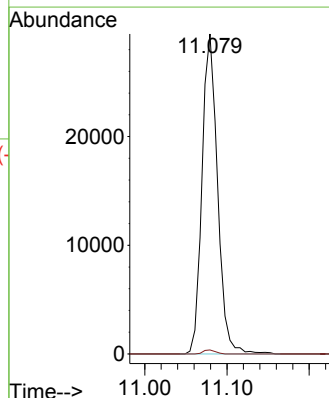
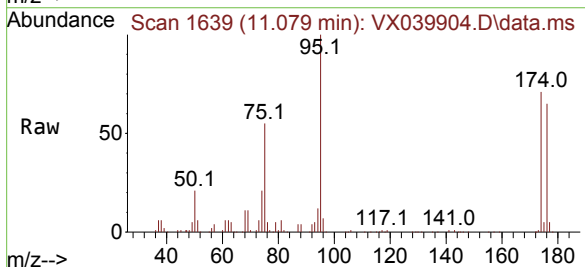
Acq: 23 Jan 2024 12:55

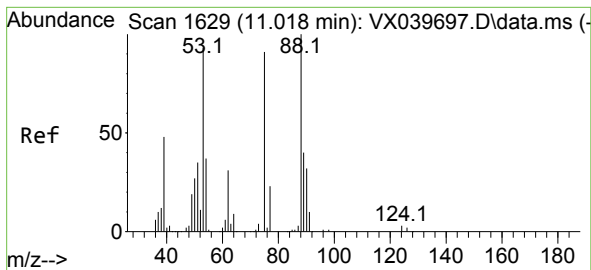
Tgt Ion: 75 Resp: 38701

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

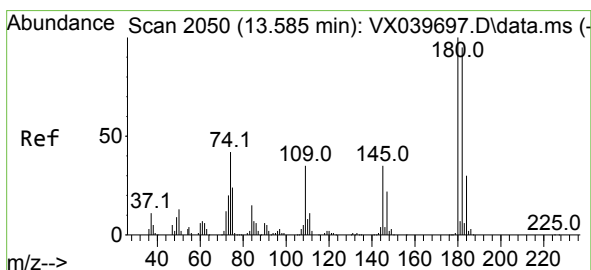
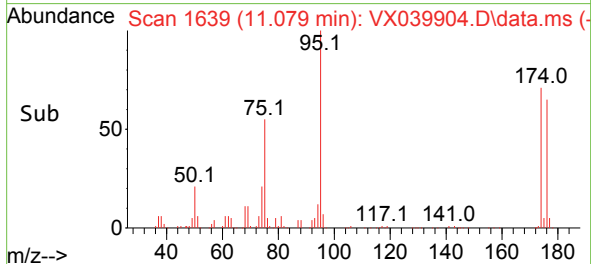
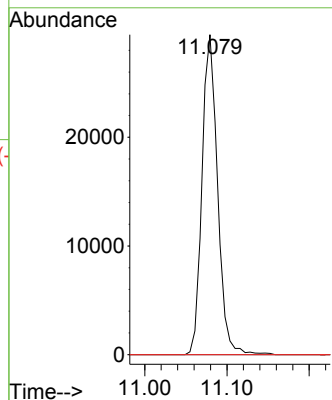
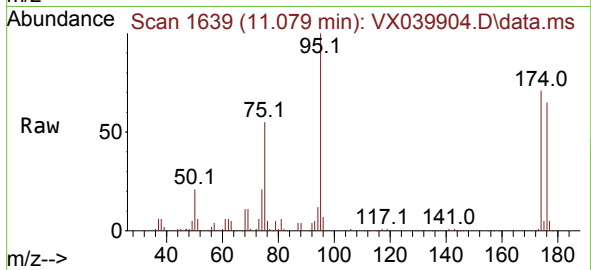




#81
trans-1,4-Dichloro-2-butene
Concen: 64.730 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-C-20240118

Tgt Ion: 75 Resp: 38701
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.219 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039904.D
Acq: 23 Jan 2024 12:55

Tgt Ion:180 Resp: 301
Ion Ratio Lower Upper
180 100
182 91.0 48.3 144.8
145 25.2 18.0 54.0

