

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039902.D
 Acq On : 23 Jan 2024 12:09
 Operator : JC/MD
 Sample : P1196-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 24 02:30:23 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)

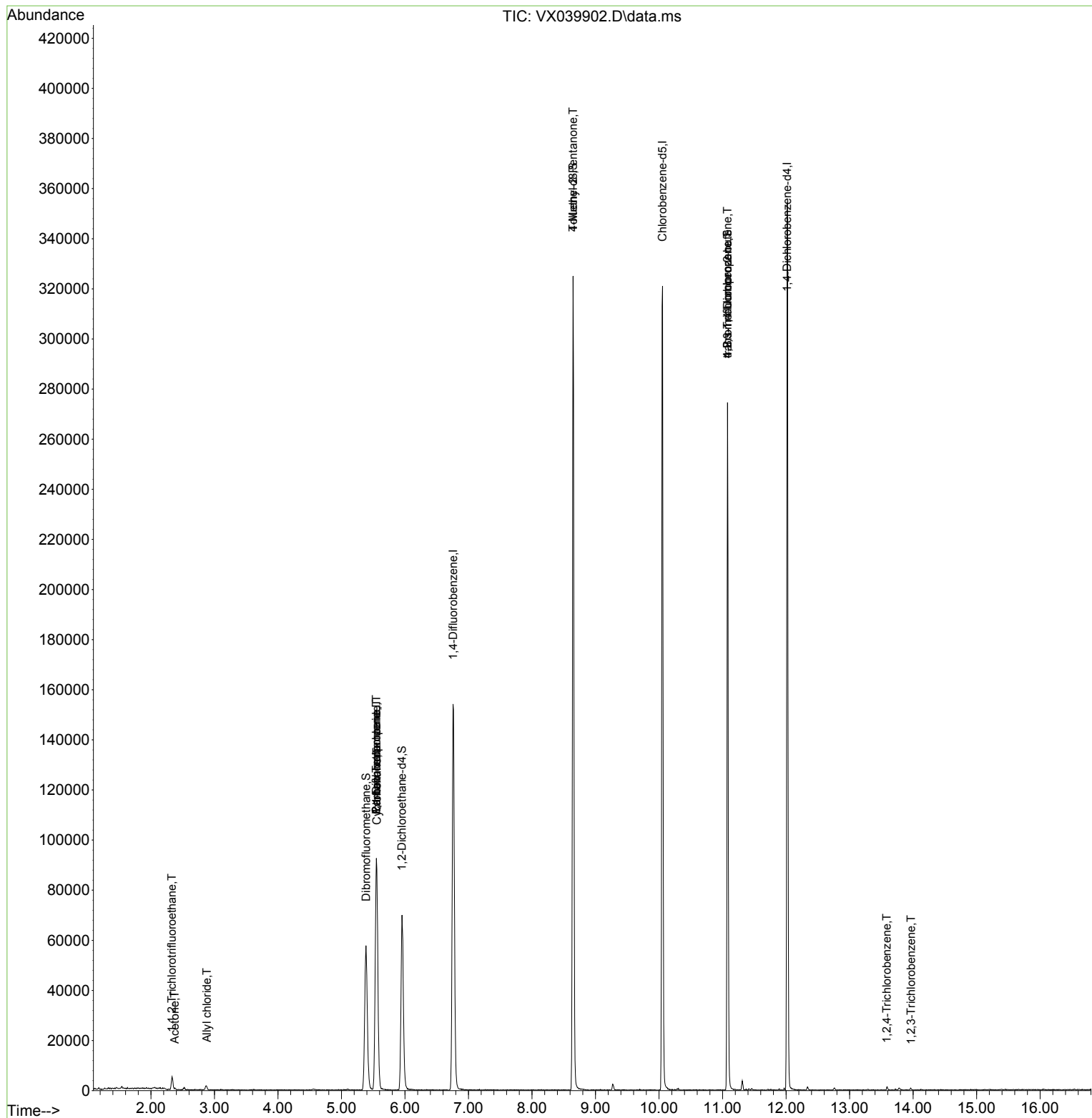
Internal Standards						
1) Pentafluorobenzene	5.550	168	81786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64978	47.428	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.860%
35) Dibromofluoromethane	5.385	113	49991	48.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.647	98	184153	47.778	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.560%
62) 4-Bromofluorobenzene	11.079	95	69852	46.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.680%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	2116	2.075	ug/l	94
14) Allyl chloride	2.879	41	510	0.263	ug/l #	67
16) Acetone	2.373	43	771	1.001	ug/l #	79
31) Cyclohexane	5.556	56	2278	1.260	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	7393	4.648	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9204	6.317	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	899	0.419	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39814	22.863	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	39814	66.066	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	426	0.309	ug/l	92
96) 1,2,3-Trichlorobenzene	13.969	180	366	0.263	ug/l #	83

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

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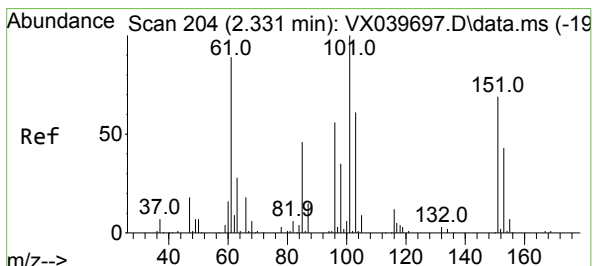
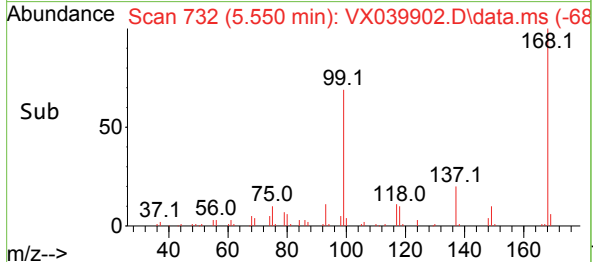
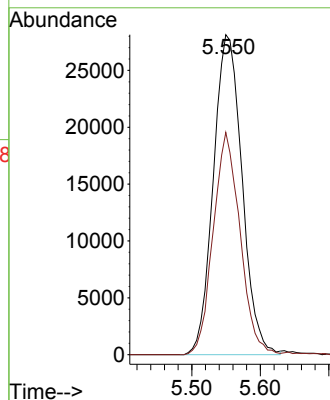
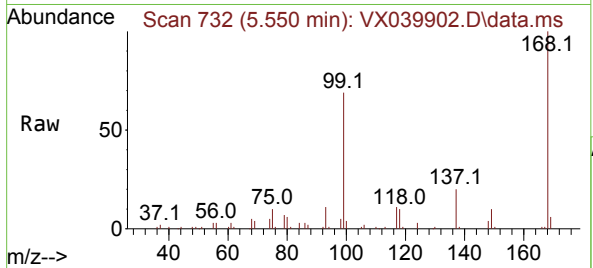




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

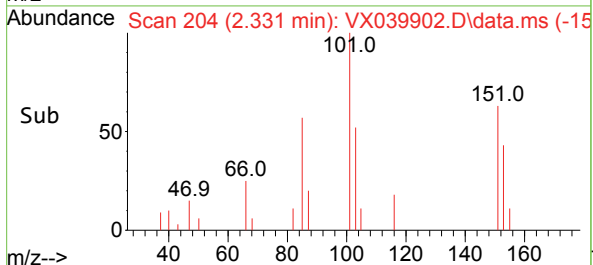
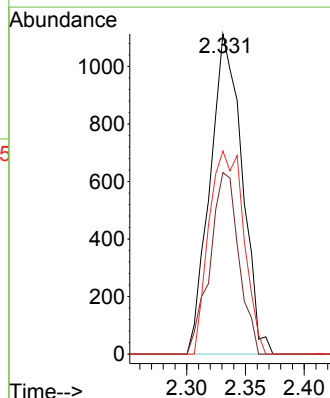
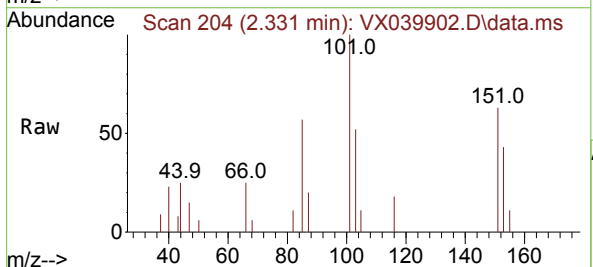
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-B-20240118

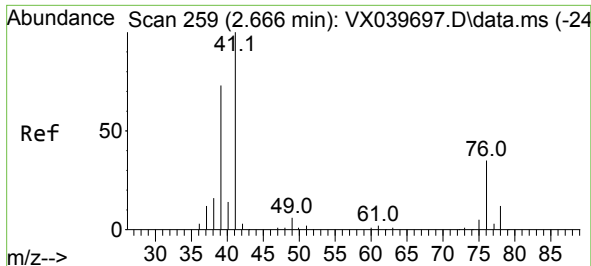
Tgt Ion:168 Resp: 81786
Ion Ratio Lower Upper
168 100
99 69.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.075 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

Tgt Ion:101 Resp: 2116
Ion Ratio Lower Upper
101 100
85 51.1 37.0 55.6
151 68.6 58.6 87.8

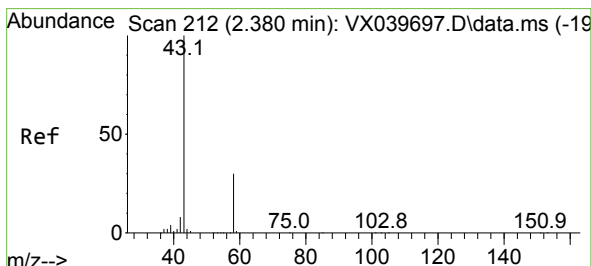
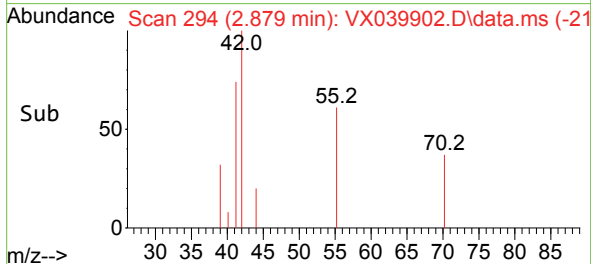
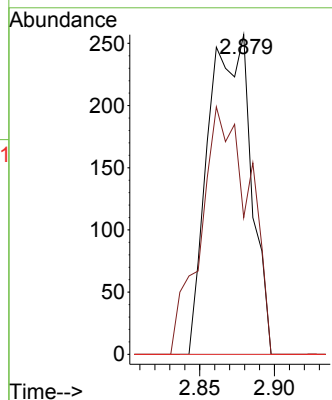
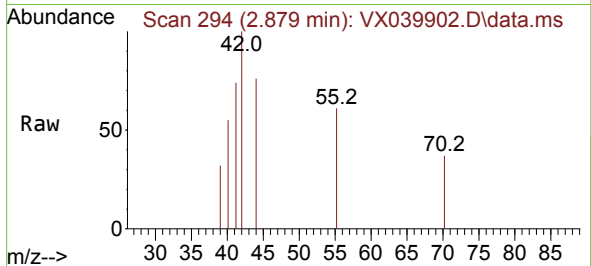




#14
 Allyl chloride
 Concen: 0.263 ug/l
 RT: 2.879 min Scan# 211
 Delta R.T. 0.213 min
 Lab File: VX039902.D
 Acq: 23 Jan 2024 12:09

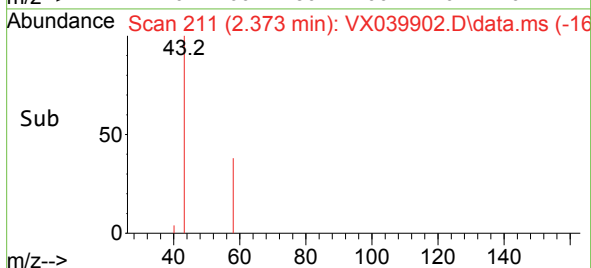
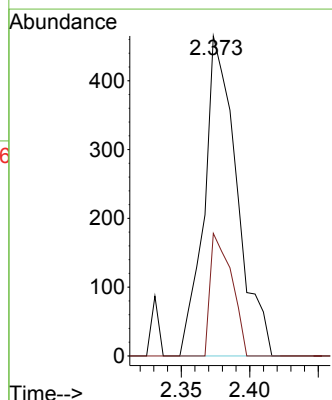
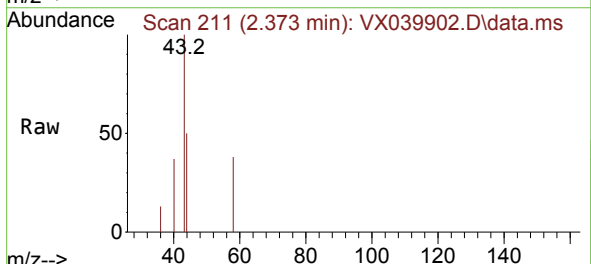
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP303-B-20240118

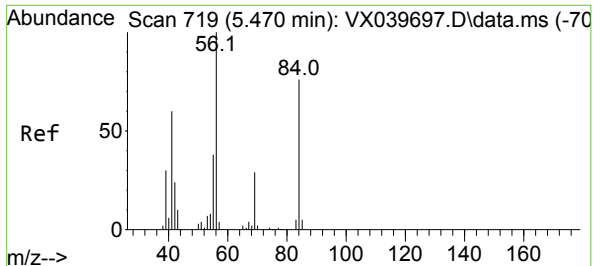
Tgt Ion: 41 Resp: 510
 Ion Ratio Lower Upper
 41 100
 39 88.0 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 1.001 ug/l
 RT: 2.373 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VX039902.D
 Acq: 23 Jan 2024 12:09

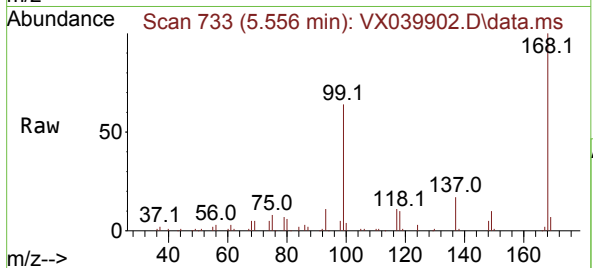
Tgt Ion: 43 Resp: 771
 Ion Ratio Lower Upper
 43 100
 58 38.3 21.9 32.9#



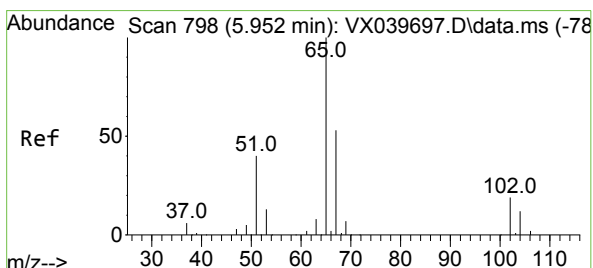
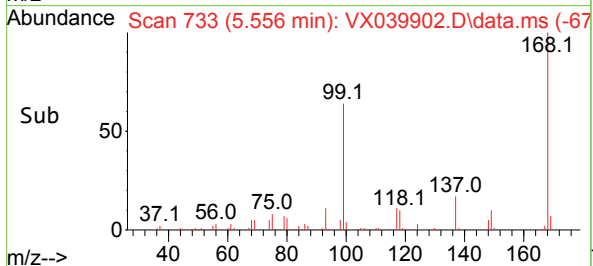
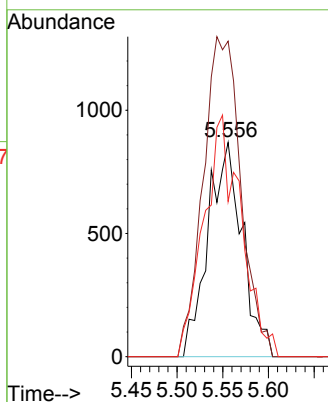


#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

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

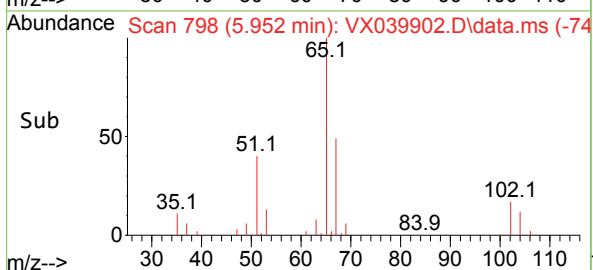
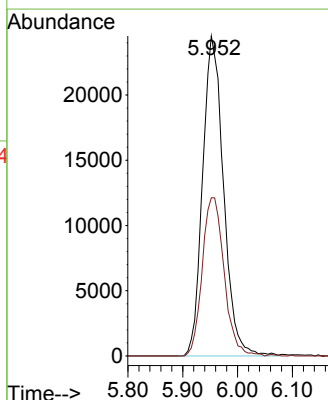
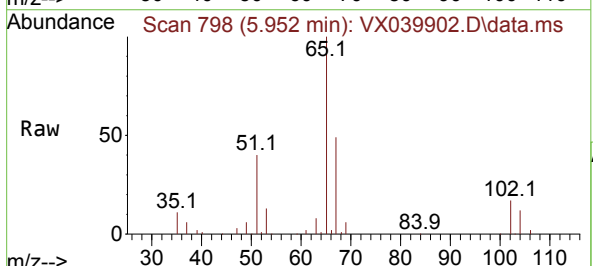


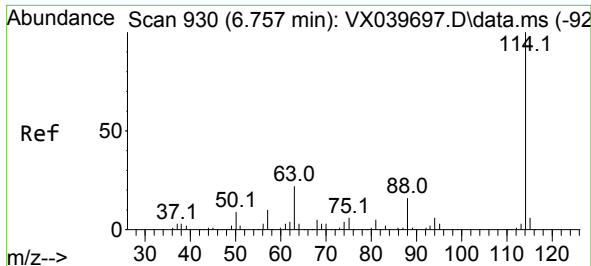
Tgt Ion: 56 Resp: 2278
Ion Ratio Lower Upper
56 100
69 147.2 23.4 35.2#
84 72.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.428 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

Tgt Ion: 65 Resp: 64978
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

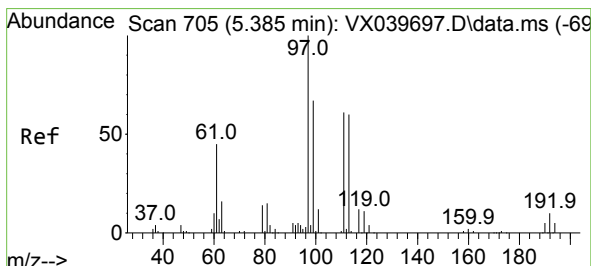
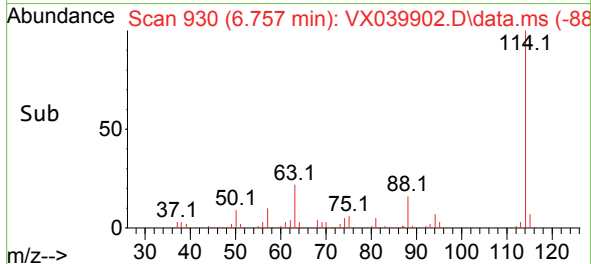
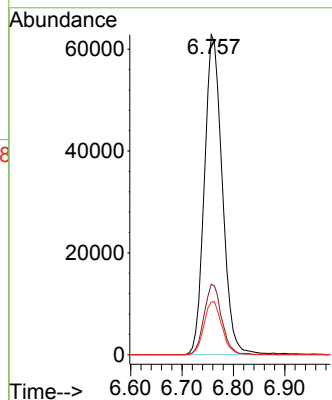
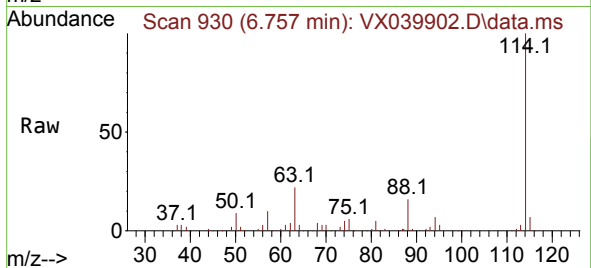




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

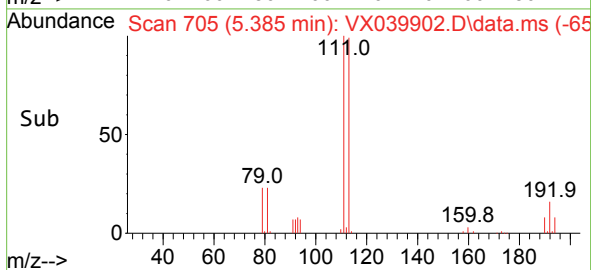
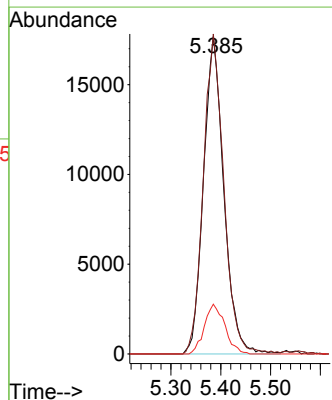
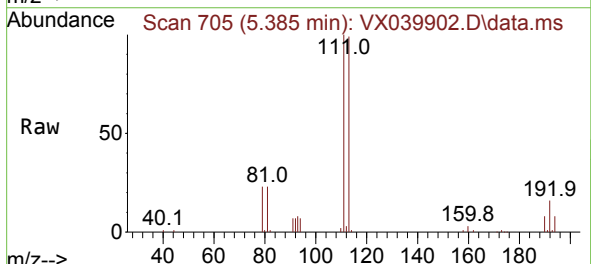
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-B-20240118

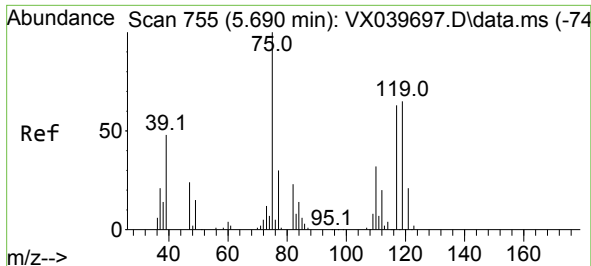
Tgt Ion:114 Resp: 151727
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.917 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

Tgt Ion:113 Resp: 49991
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 15.9 13.3 19.9

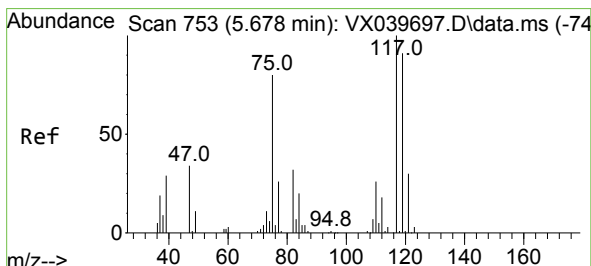
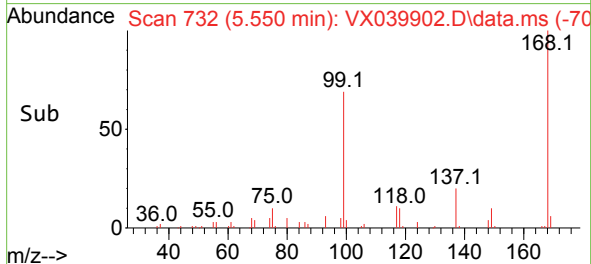
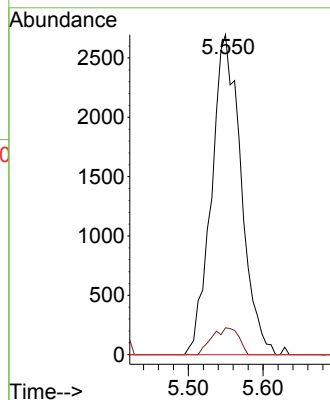
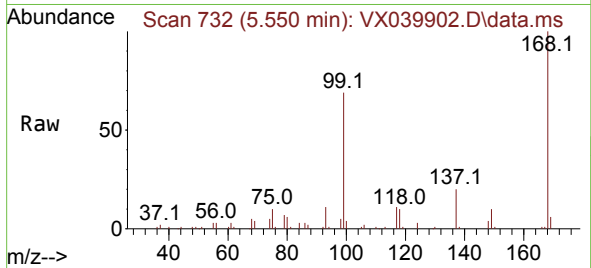




#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

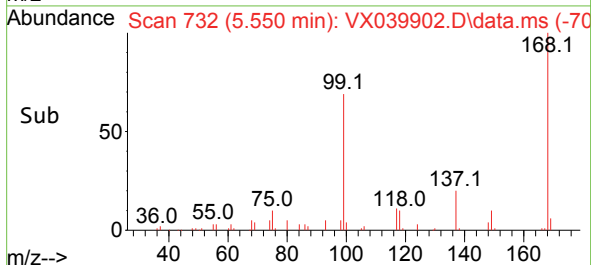
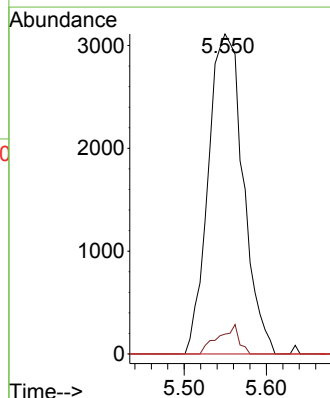
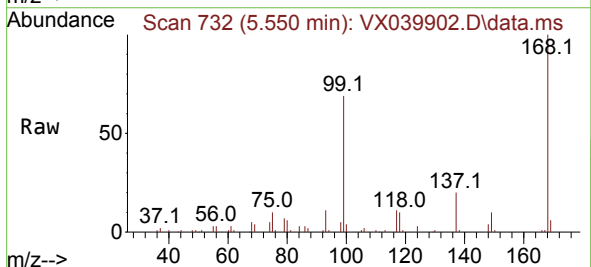
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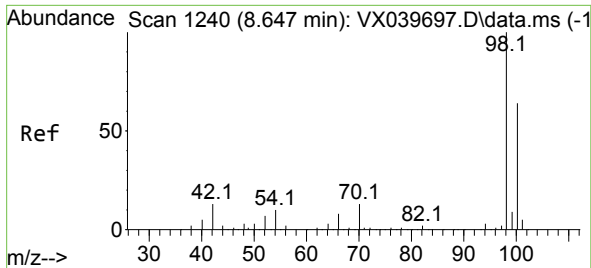
Tgt Ion: 75 Resp: 7393
Ion Ratio Lower Upper
75 100
110 7.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.317 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

Tgt Ion: 117 Resp: 9204
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#

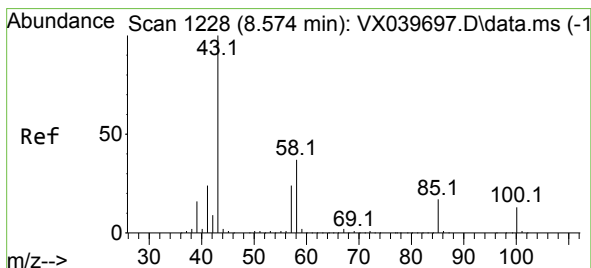
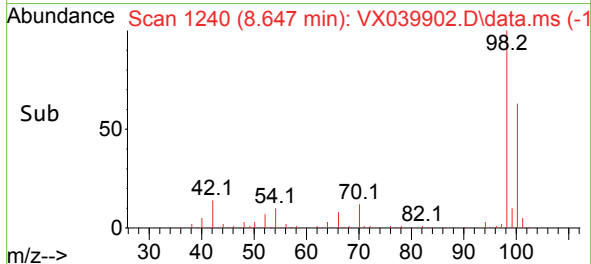
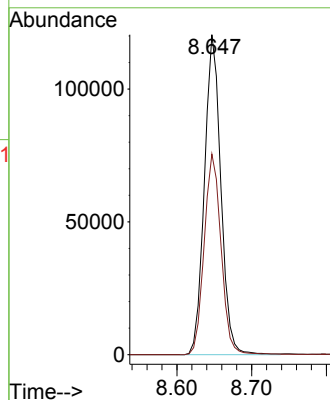
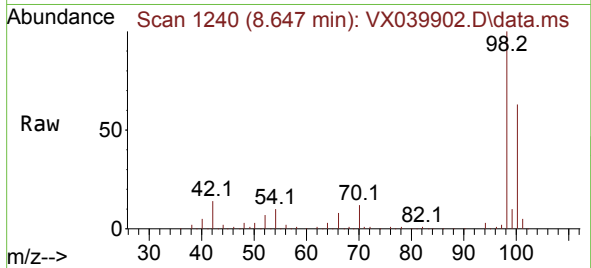




#50
Toluene-d8
Concen: 47.778 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

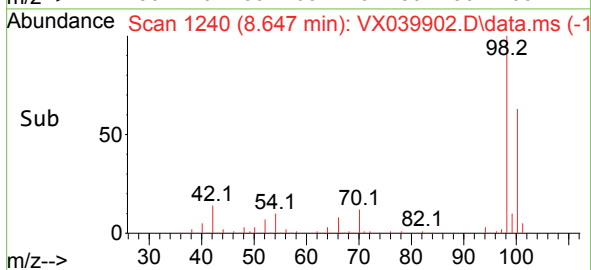
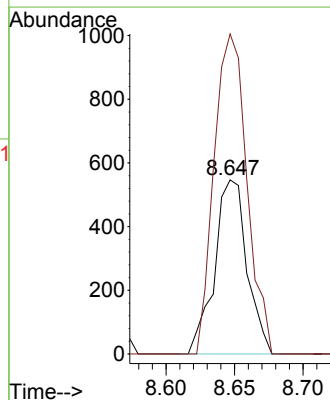
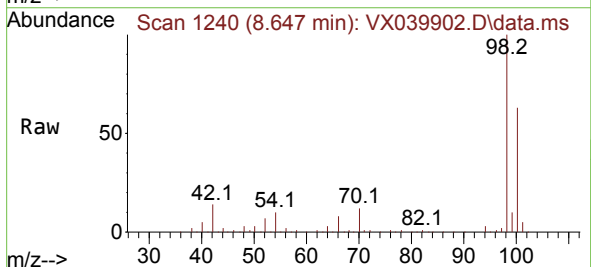
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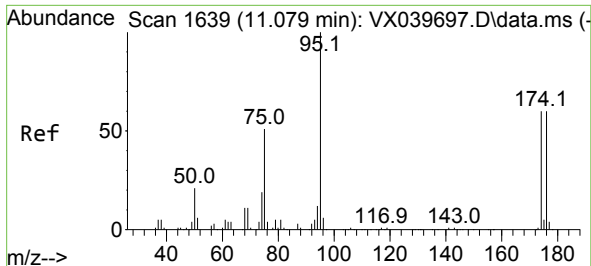
Tgt Ion: 98 Resp: 184153
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.419 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 186.3 30.4 45.6#

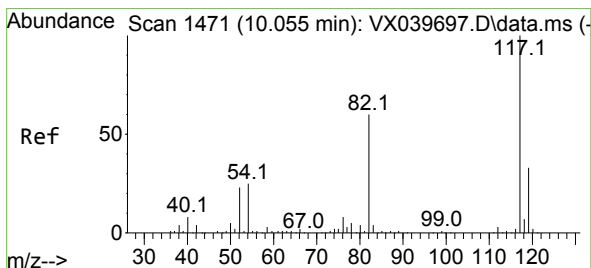
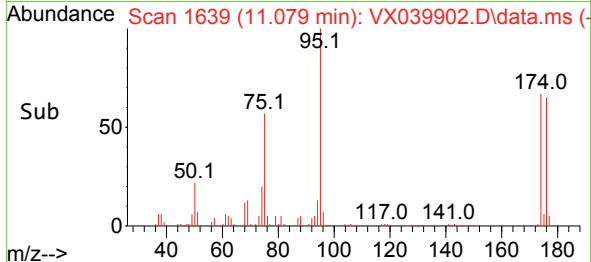
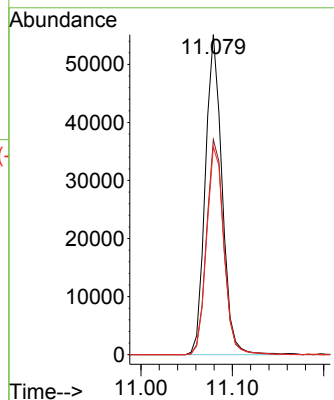
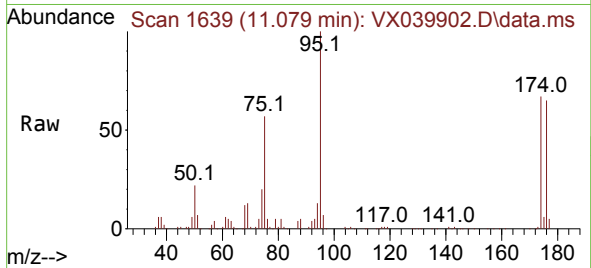




#62
4-Bromofluorobenzene
Concen: 46.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

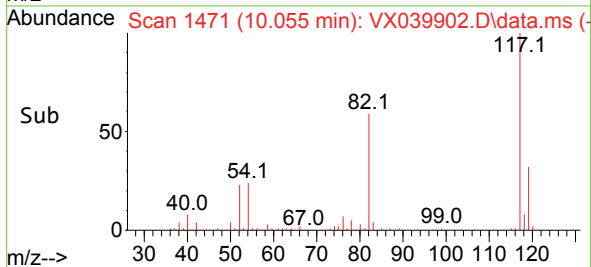
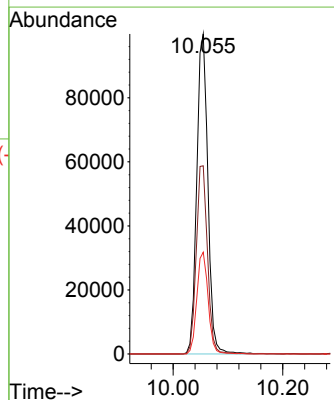
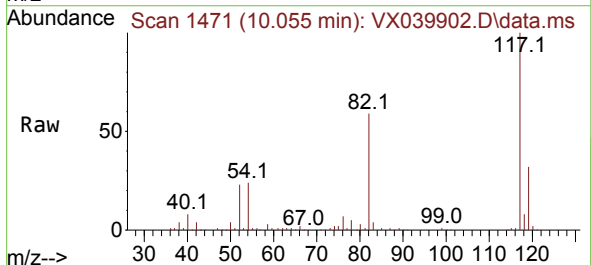
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-B-20240118

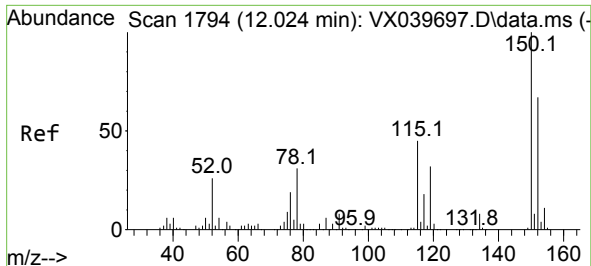
Tgt Ion: 95 Resp: 69852
Ion Ratio Lower Upper
95 100
174 69.4 0.0 135.6
176 67.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

Tgt Ion: 117 Resp: 141475
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 31.8 25.5 38.3

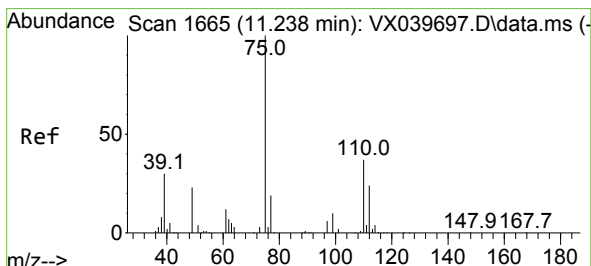
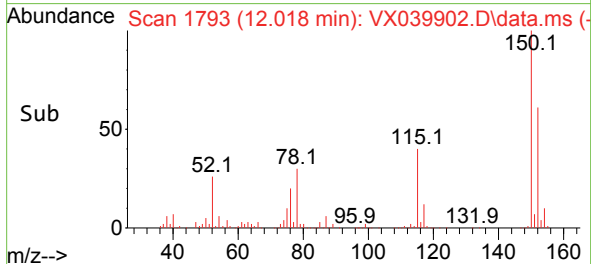
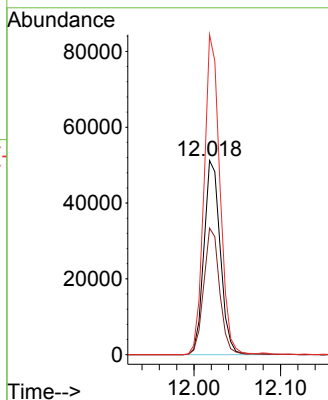
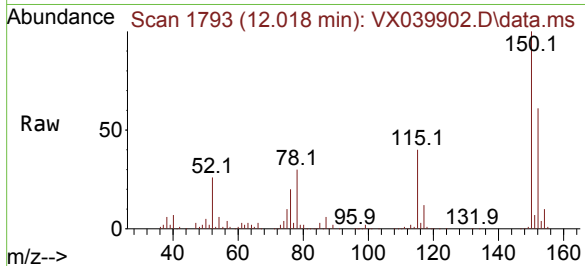




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039902.D
 Acq: 23 Jan 2024 12:09

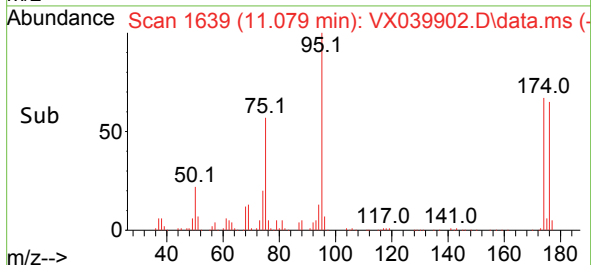
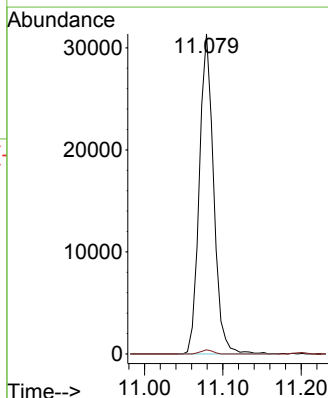
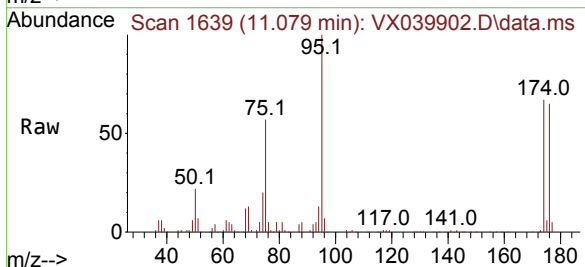
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP303-B-20240118

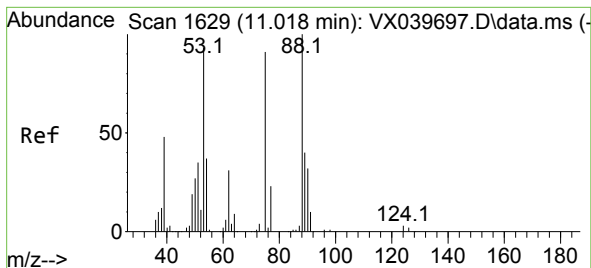
Tgt Ion:152 Resp: 67168
 Ion Ratio Lower Upper
 152 100
 115 63.7 43.3 129.9
 150 159.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.863 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX039902.D
 Acq: 23 Jan 2024 12:09

Tgt Ion: 75 Resp: 39814
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

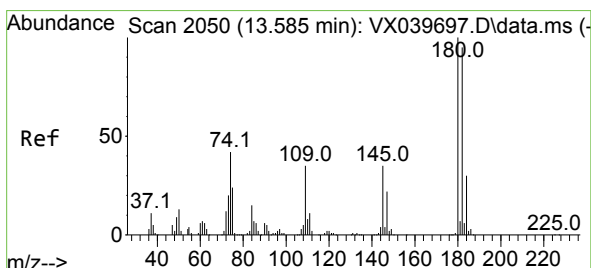
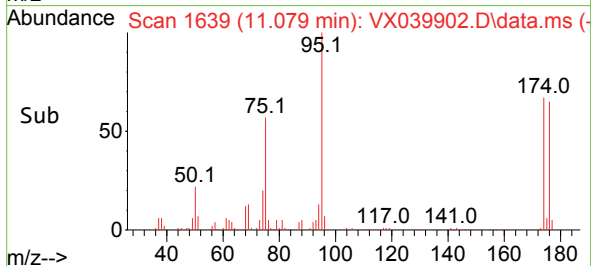
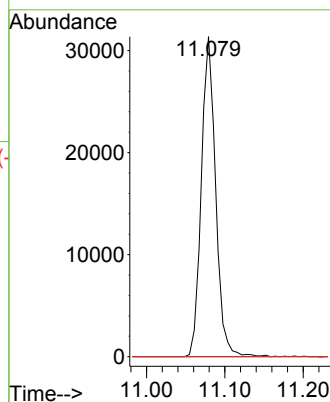
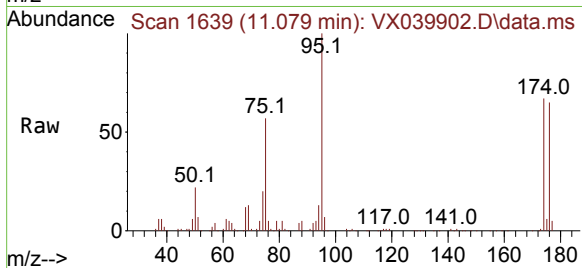




#81
trans-1,4-Dichloro-2-butene
Concen: 66.066 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

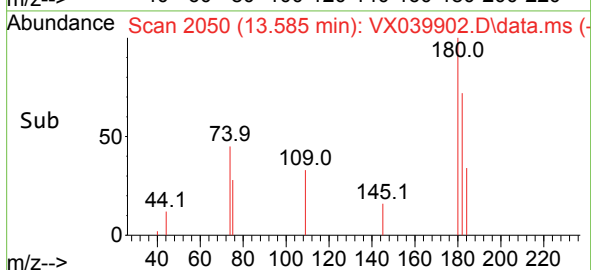
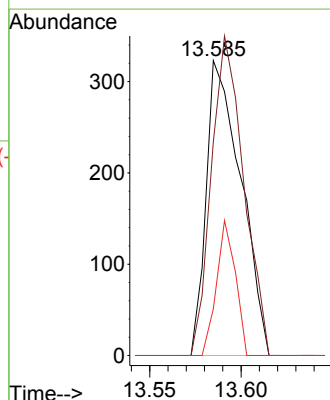
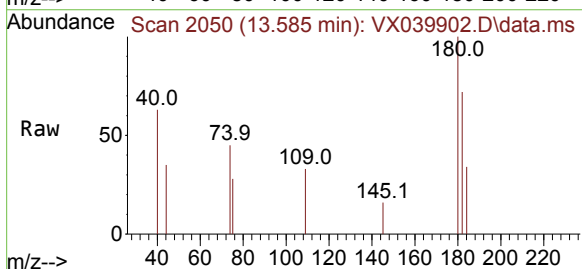
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP303-B-20240118

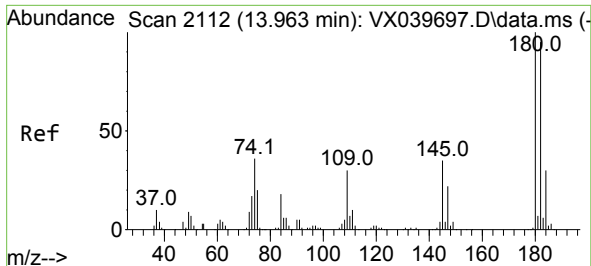
Tgt Ion: 75 Resp: 39814
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.309 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039902.D
Acq: 23 Jan 2024 12:09

Tgt Ion: 180 Resp: 426
Ion Ratio Lower Upper
180 100
182 100.9 48.3 144.8
145 24.9 18.0 54.0





#96

1,2,3-Trichlorobenzene

Concen: 0.263 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039902.D

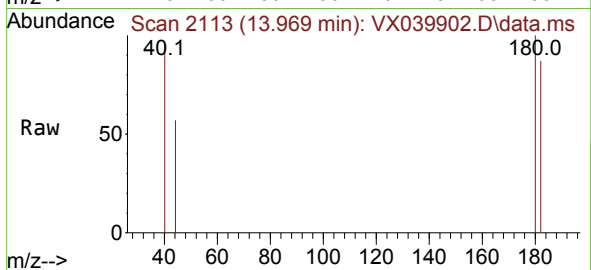
Acq: 23 Jan 2024 12:09

Instrument :

MSVOA_X

ClientSampleId :

RE137-SP303-B-20240118



Tgt Ion:180 Resp: 366

Ion Ratio Lower Upper

180 100

182 85.0 46.9 140.6

145 13.7 17.8 53.5#

