

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040351.D
 Acq On : 20 Feb 2024 13:07
 Operator : JC/MD
 Sample : P1507-22DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20240215DL

Quant Time: Feb 21 01:12:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

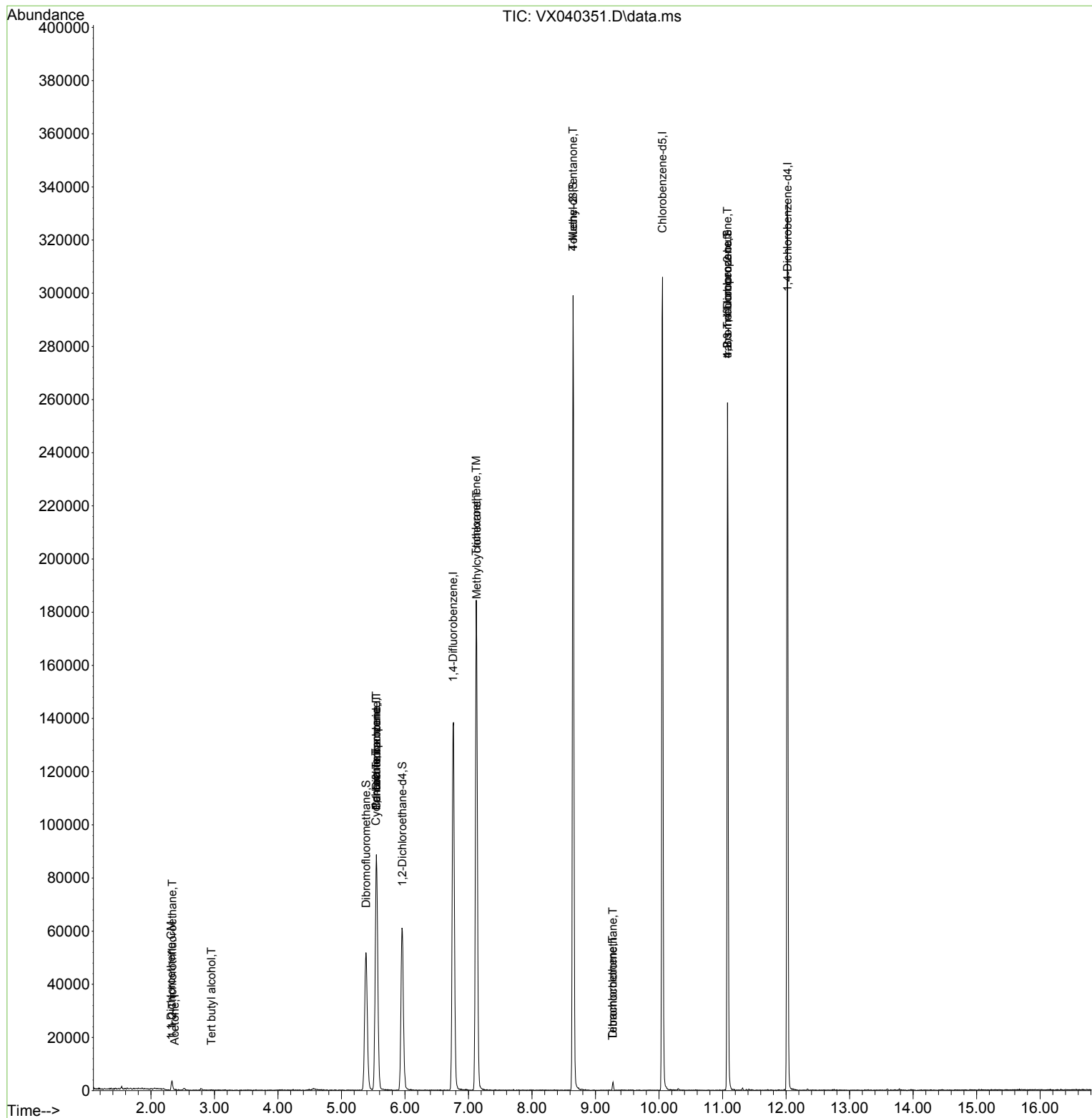
Internal Standards						
1) Pentafluorobenzene	5.550	168	78940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59932	51.032	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.060%	
35) Dibromofluoromethane	5.385	113	45691	47.775	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.560%	
50) Toluene-d8	8.647	98	169786	47.459	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.920%	
62) 4-Bromofluorobenzene	11.079	95	65742	45.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.120%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	1094	1.307	ug/l	93
11) Tert butyl alcohol	2.953	59	104	0.455	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	345	0.428	ug/l #	66
16) Acetone	2.373	43	325	0.674	ug/l #	47
20) Methylene Chloride	2.782	84	376	Below Cal	#	44
31) Cyclohexane	5.544	56	1975	1.410	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	7139	5.329	ug/l #	47
38) Carbon Tetrachloride	5.550	117	8629	6.774	ug/l #	15
39) Methylcyclohexane	7.129	83	1059	0.680	ug/l #	1
44) Trichloroethene	7.123	130	67146	64.974	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	935	0.589	ug/l #	1
60) Dibromochloromethane	9.275	129	383	0.359	ug/l #	11
64) Tetrachloroethene	9.268	164	423	0.454	ug/l #	64
76) 1,2,3-Trichloropropane	11.079	75	35920	26.968	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	35920	73.903	ug/l #	5

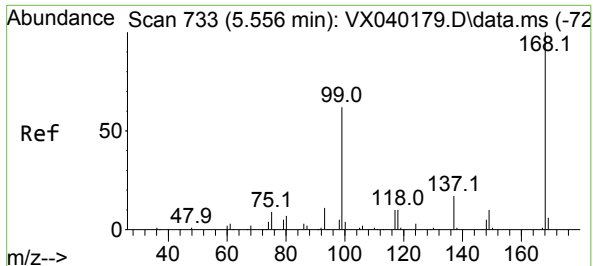
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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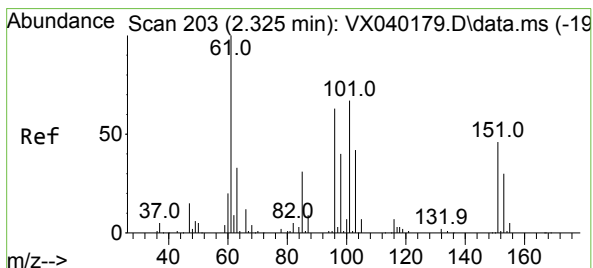
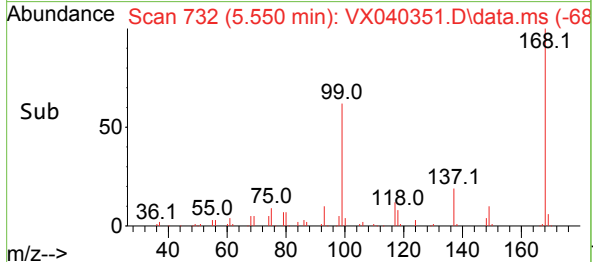
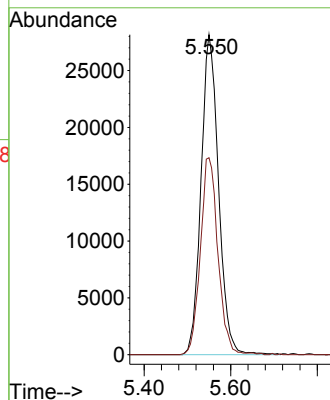
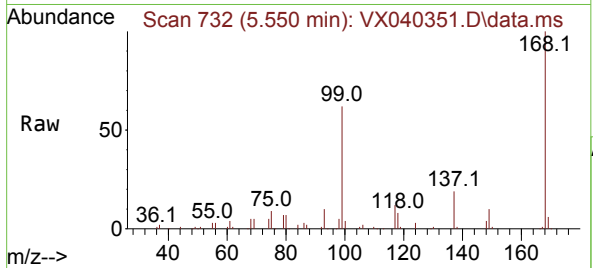




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

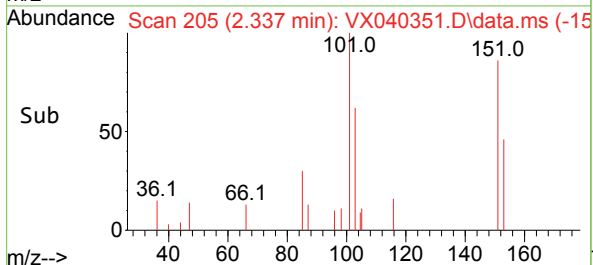
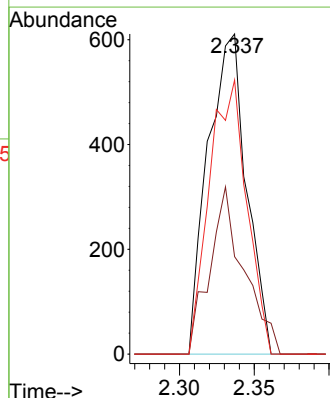
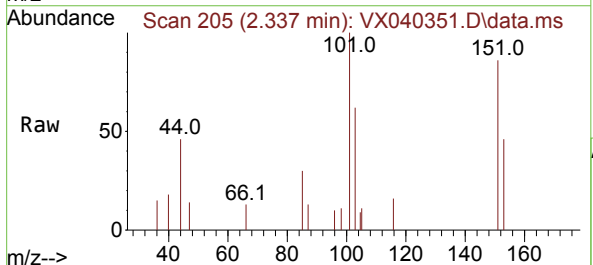
Instrument :
MSVOA_X
ClientSampleId :
RE137-20240215DL

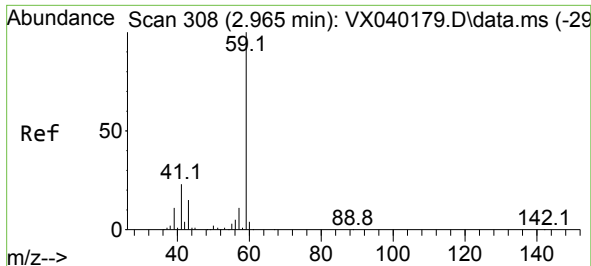
Tgt Ion:168 Resp: 78940
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.307 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

Tgt Ion:101 Resp: 1094
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 83.2 58.6 87.8





#11

Tert butyl alcohol

Concen: 0.455 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX040351.D

Acq: 20 Feb 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

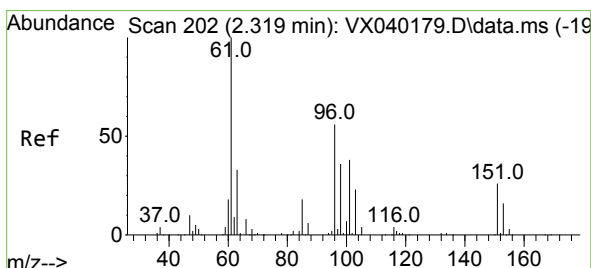
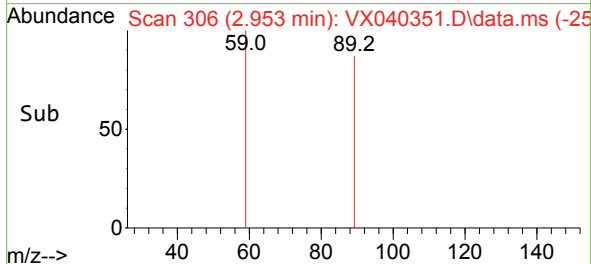
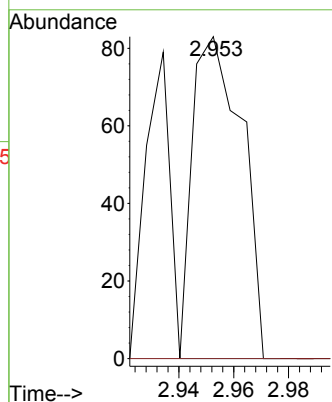
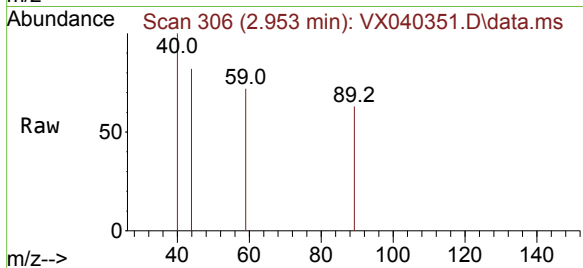
RE137-20240215DL

Tgt Ion: 59 Resp: 104

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.428 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040351.D

Acq: 20 Feb 2024 13:07

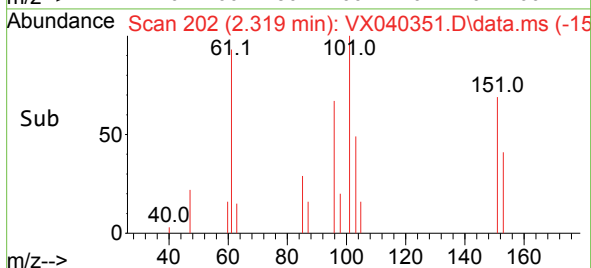
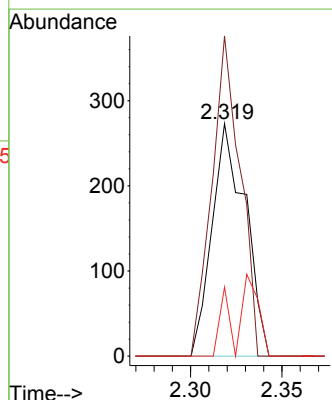
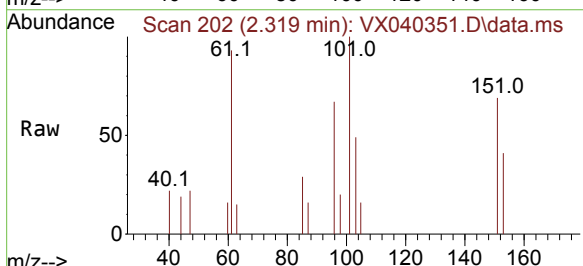
Tgt Ion: 96 Resp: 345

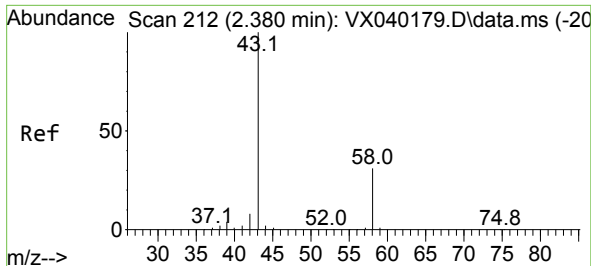
Ion Ratio Lower Upper

96 100

61 137.7 144.6 216.8#

98 29.7 50.4 75.6#

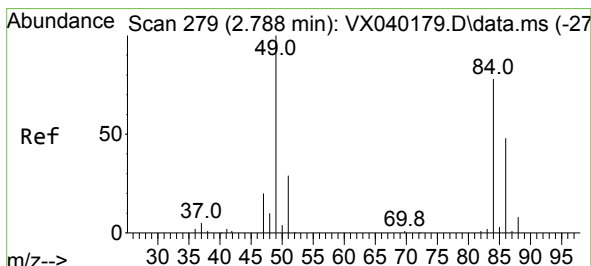
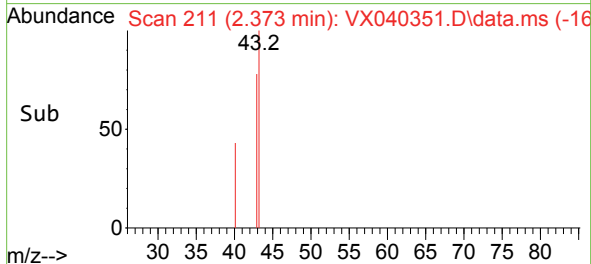
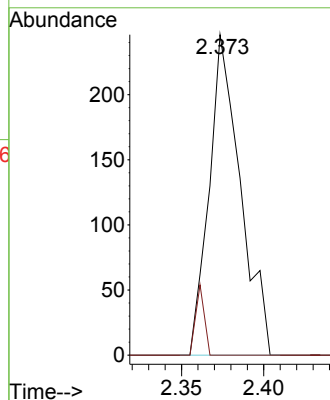
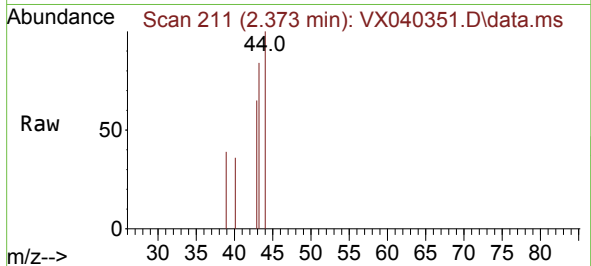




#16
Acetone
Concen: 0.674 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

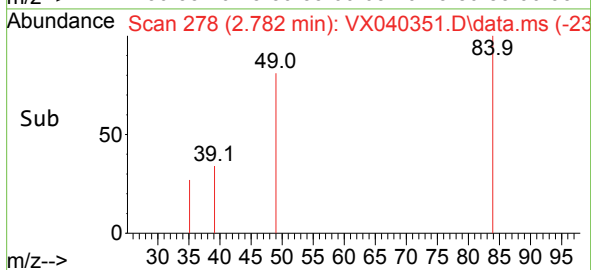
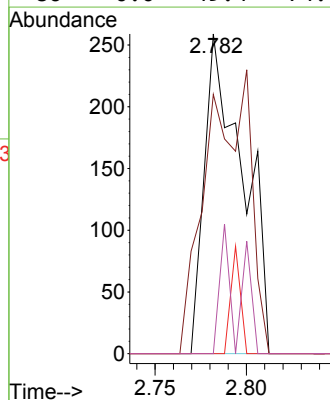
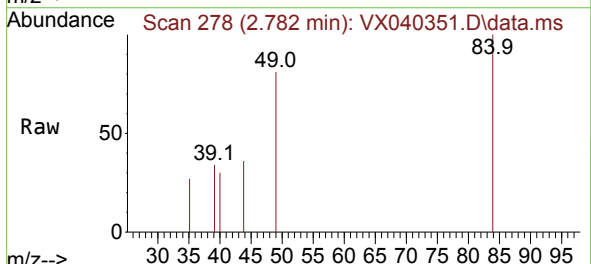
Instrument :
MSVOA_X
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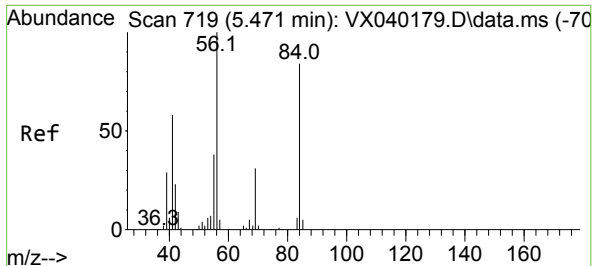
Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

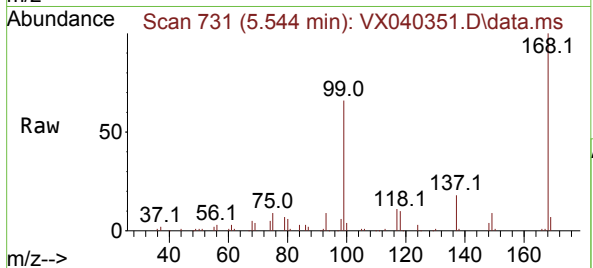
Tgt Ion: 84 Resp: 376
Ion Ratio Lower Upper
84 100
49 81.1 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#





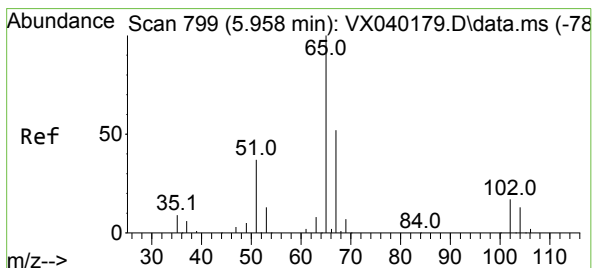
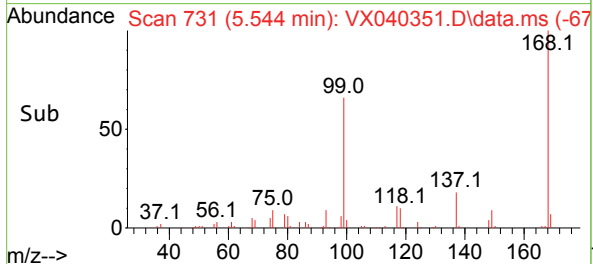
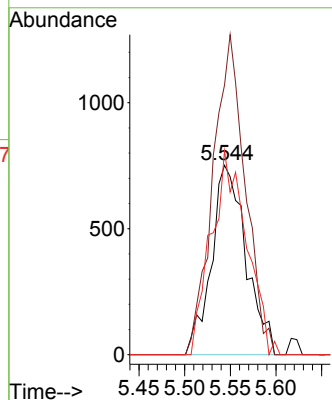
#31
Cyclohexane
Concen: 1.410 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
RE137-20240215DL



Tgt Ion: 56 Resp: 1975

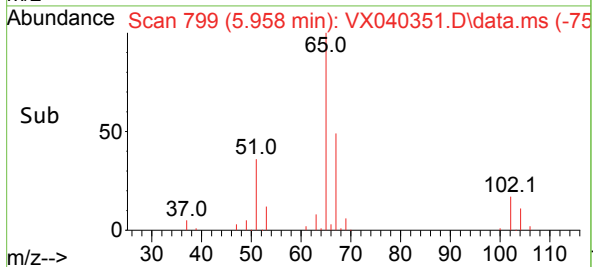
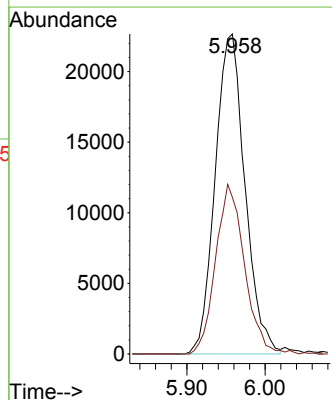
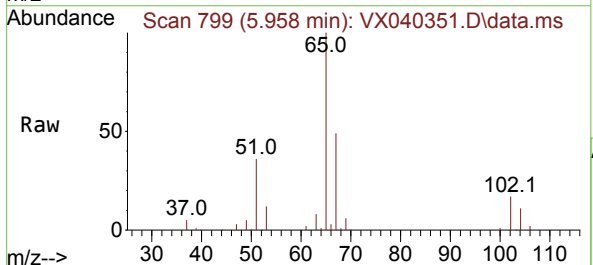
Ion	Ratio	Lower	Upper
56	100		
69	142.3	23.4	35.2#
84	107.6	65.9	98.9#

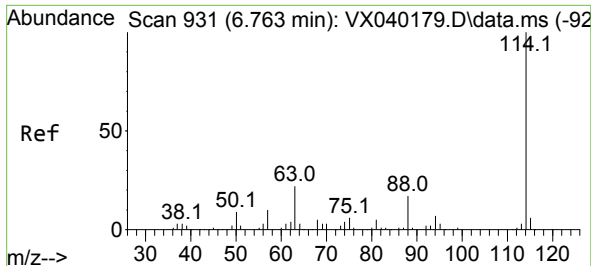


#33
1,2-Dichloroethane-d4
Concen: 51.032 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

Tgt Ion: 65 Resp: 59932

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	100.2

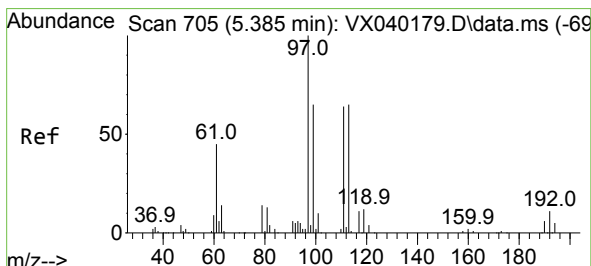
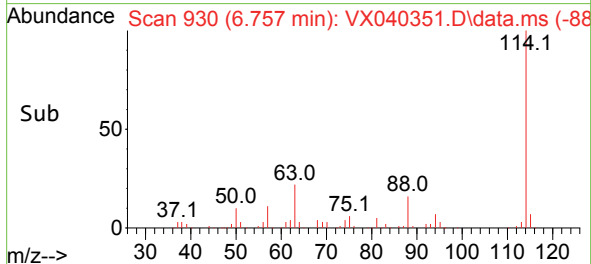
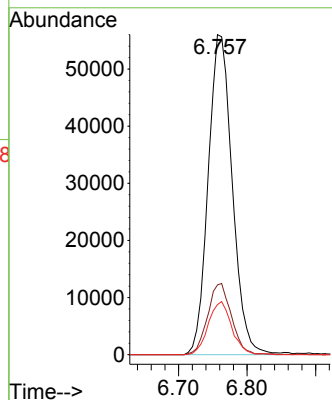
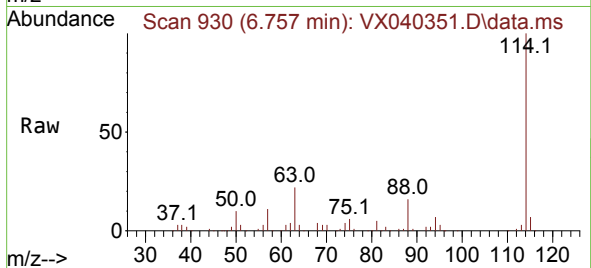




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

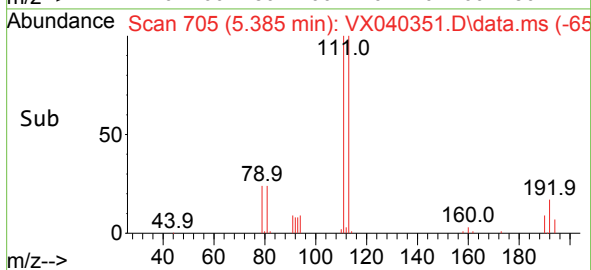
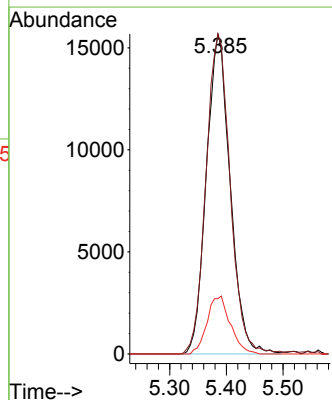
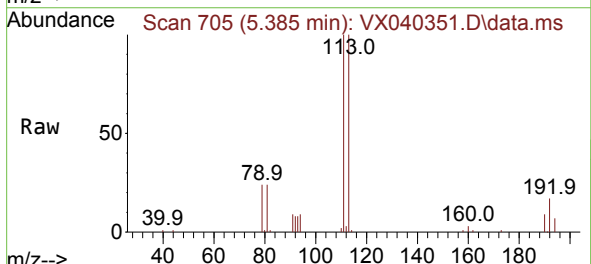
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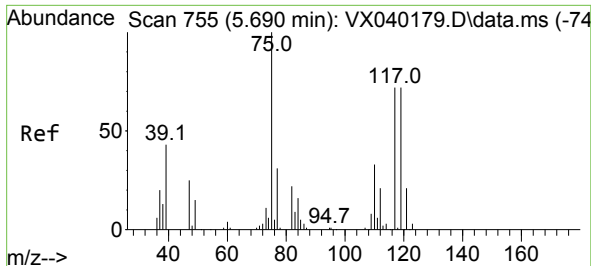
Tgt Ion:114 Resp: 136948
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.775 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

Tgt Ion:113 Resp: 45691
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.7 13.3 19.9

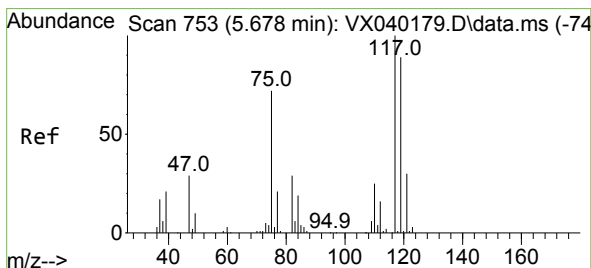
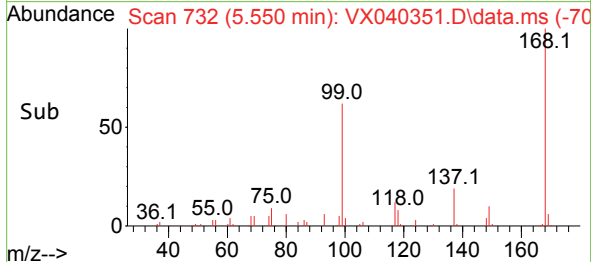
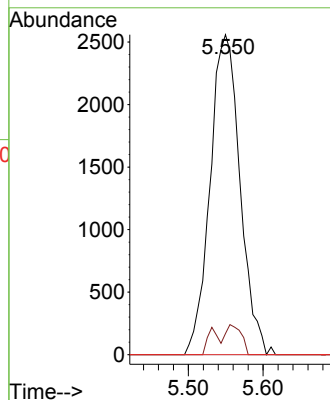
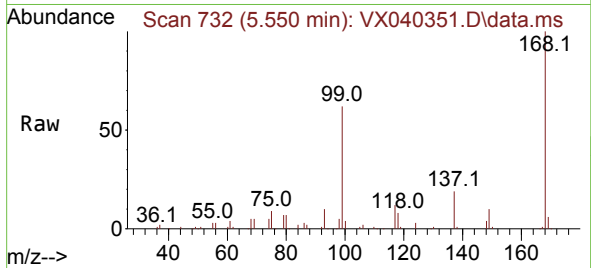




#36
1,1-Dichloropropene
Concen: 5.329 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

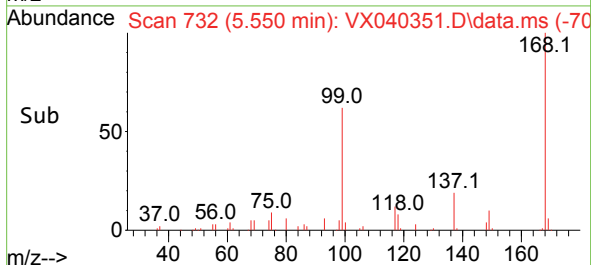
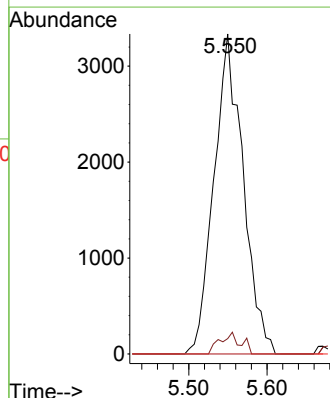
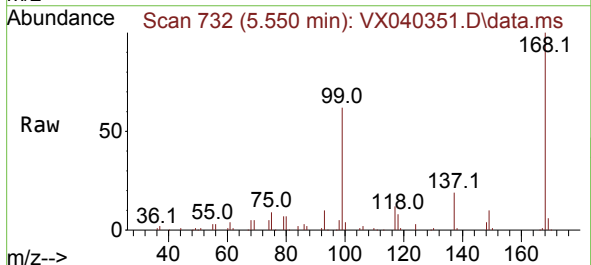
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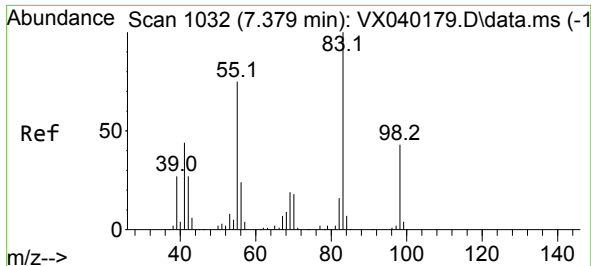
Tgt Ion: 75 Resp: 7139
Ion Ratio Lower Upper
75 100
110 4.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.774 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

Tgt Ion: 117 Resp: 8629
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

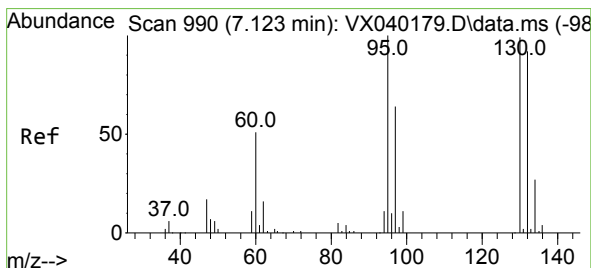
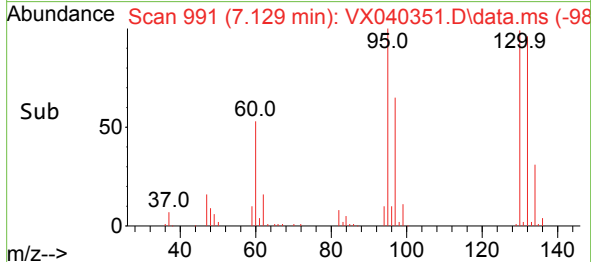
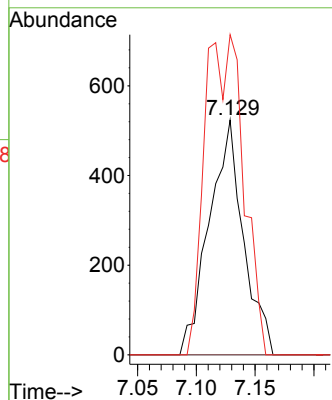
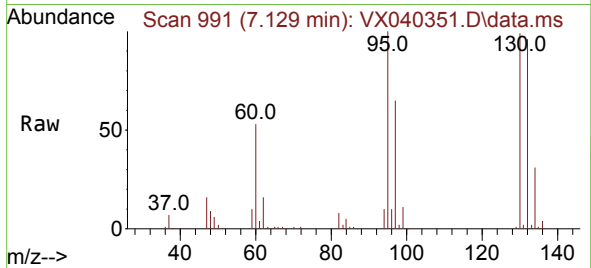




#39
Methylcyclohexane
Concen: 0.680 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

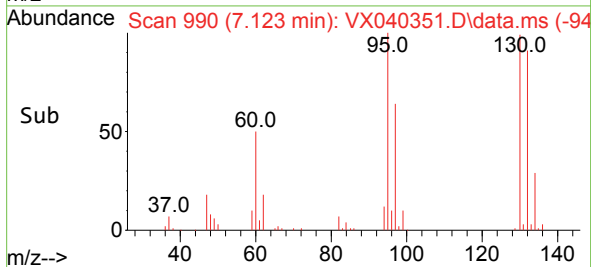
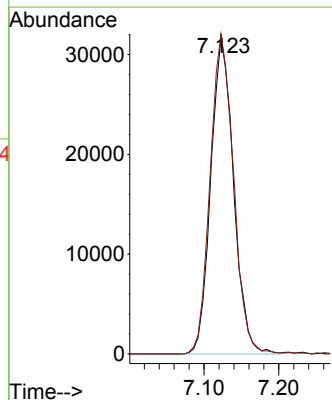
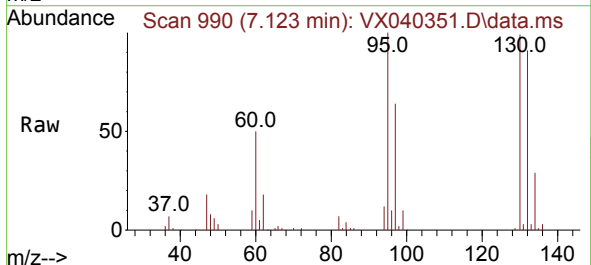
Instrument :
MSVOA_X
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RE137-20240215DL

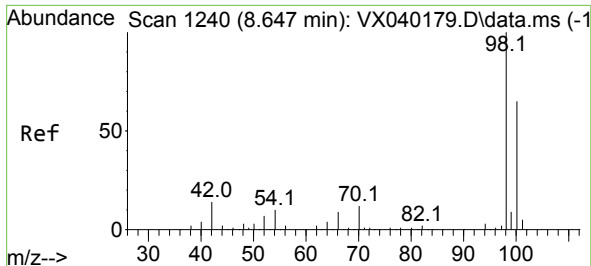
Tgt Ion: 83 Resp: 1059
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 136.3 36.7 55.1#



#44
Trichloroethene
Concen: 64.974 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

Tgt Ion:130 Resp: 67146
Ion Ratio Lower Upper
130 100
95 100.7 0.0 204.4

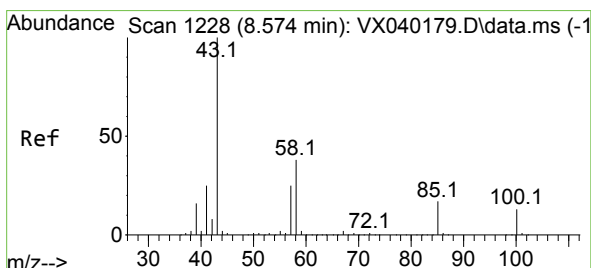
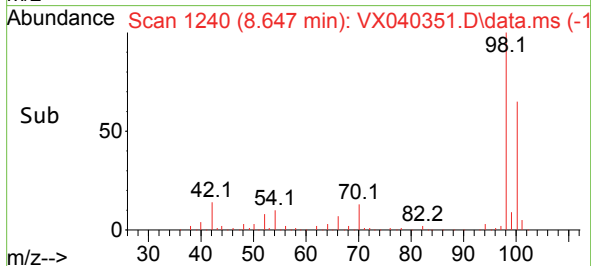
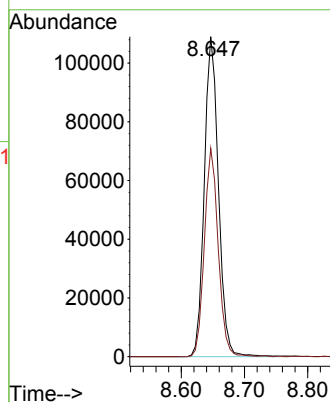
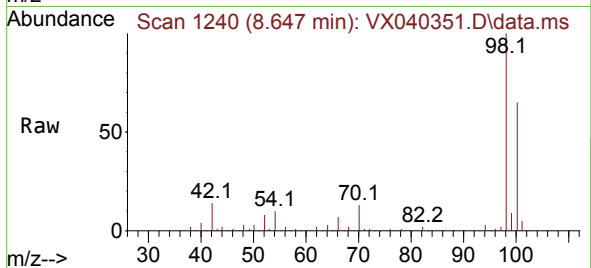




#50
Toluene-d8
Concen: 47.459 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

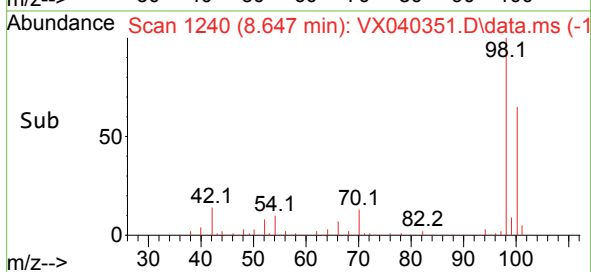
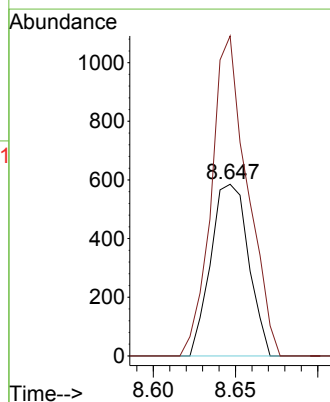
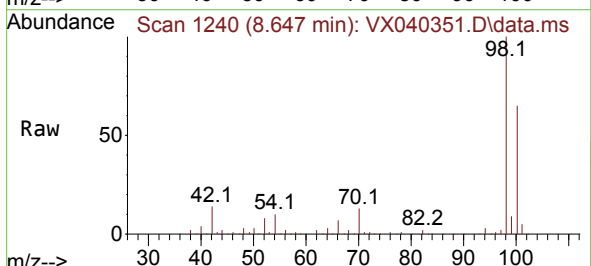
Instrument :
MSVOA_X
ClientSampleId :
RE137-20240215DL

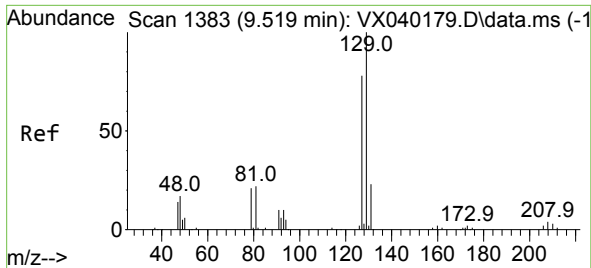
Tgt Ion: 98 Resp: 169786
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 177.8 30.4 45.6#

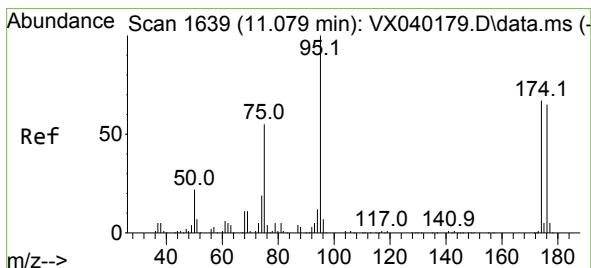
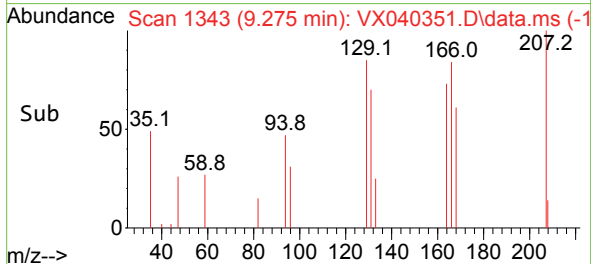
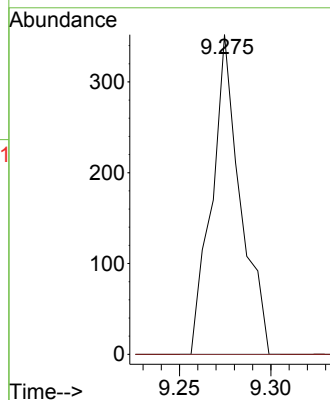
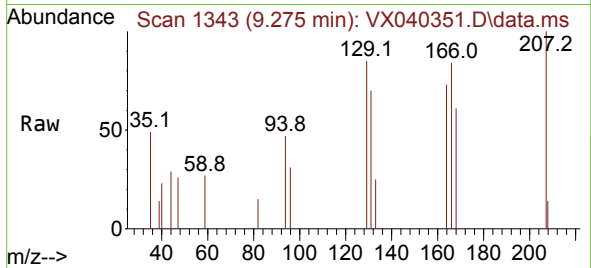




#60
Dibromochloromethane
Concen: 0.359 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

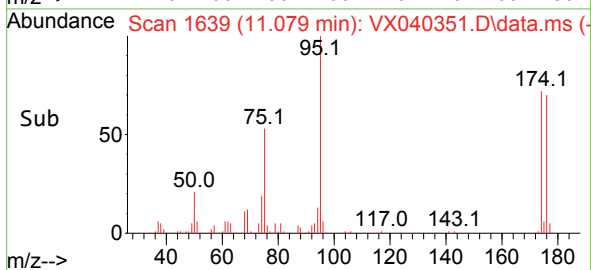
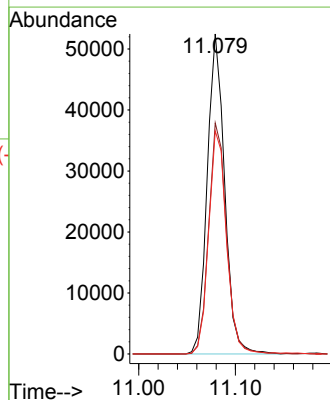
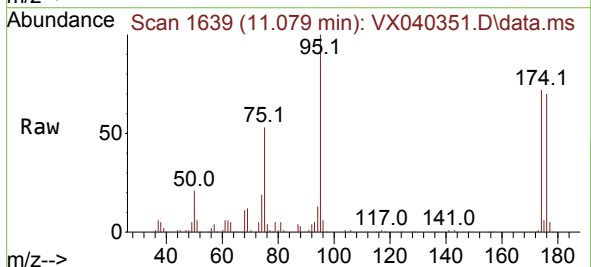
Instrument :
MSVOA_X
ClientSampleId :
RE137-20240215DL

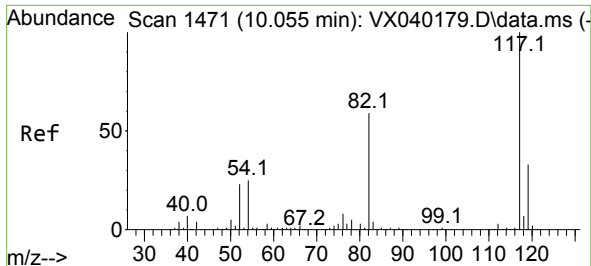
Tgt Ion:129 Resp: 383
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

Tgt Ion: 95 Resp: 65742
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.5 0.0 131.0

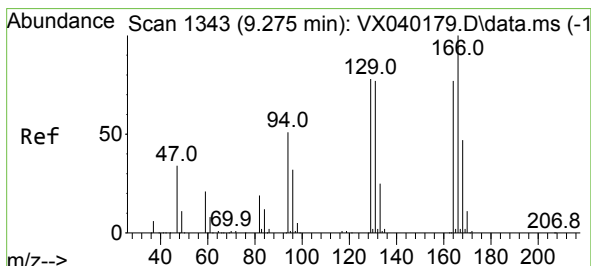
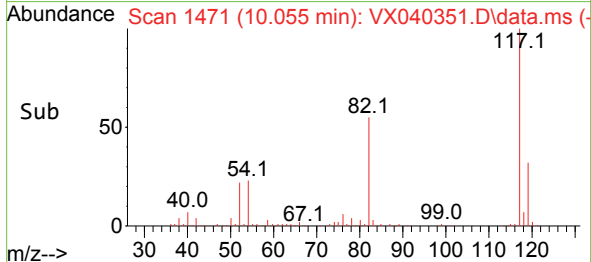
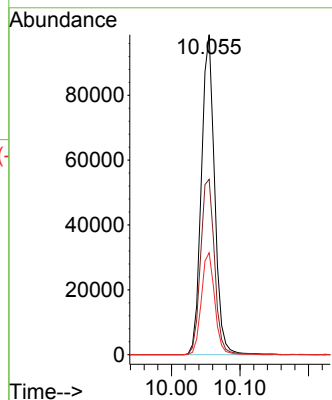
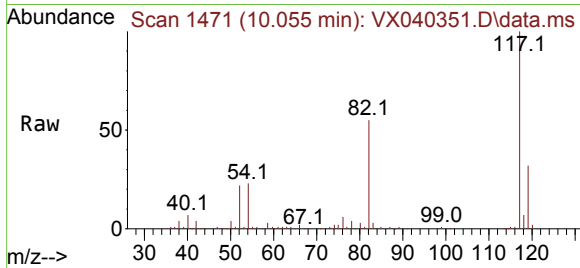




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

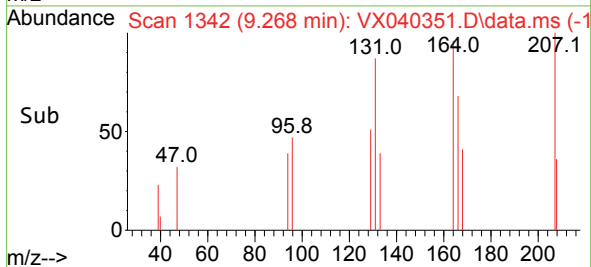
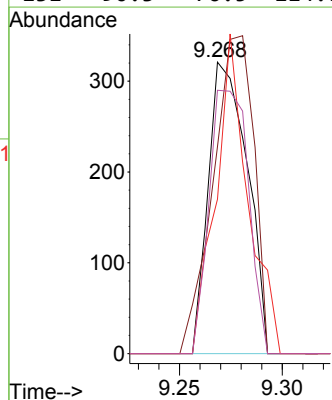
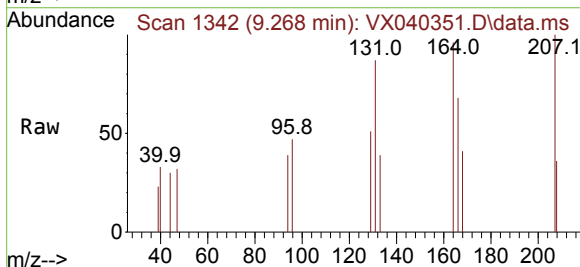
Instrument :
MSVOA_X
ClientSampleId :
RE137-20240215DL

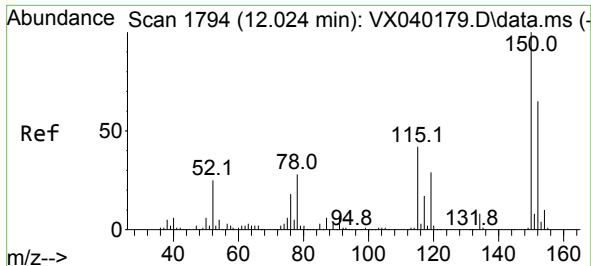
Tgt Ion:117 Resp: 133051
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 0.454 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040351.D
Acq: 20 Feb 2024 13:07

Tgt Ion:164 Resp: 423
Ion Ratio Lower Upper
164 100
166 71.0 102.7 154.1#
129 53.0 80.4 120.6#
131 90.3 76.5 114.7

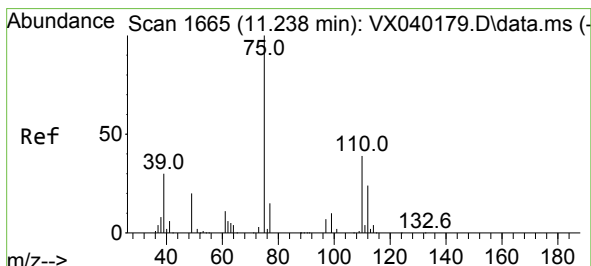
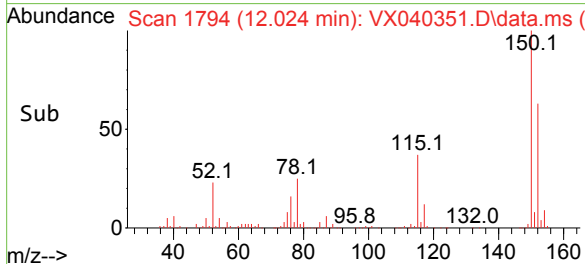
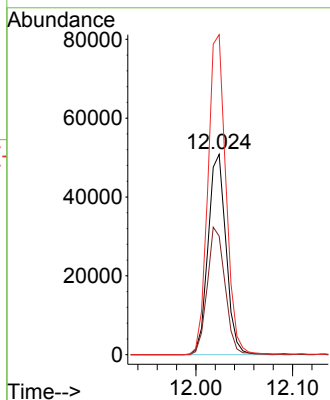
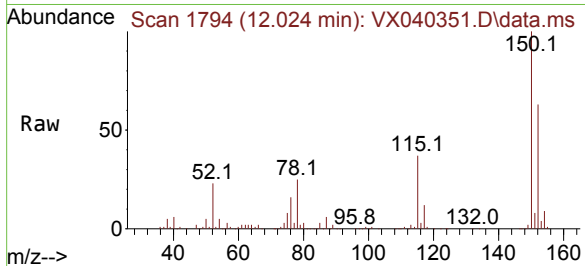




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040351.D
 Acq: 20 Feb 2024 13:07

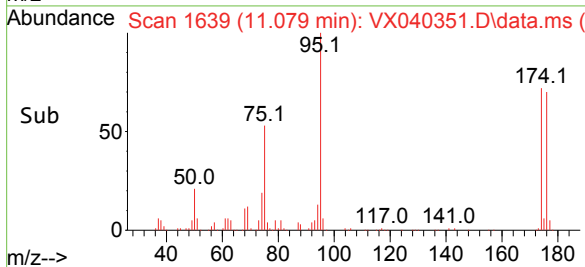
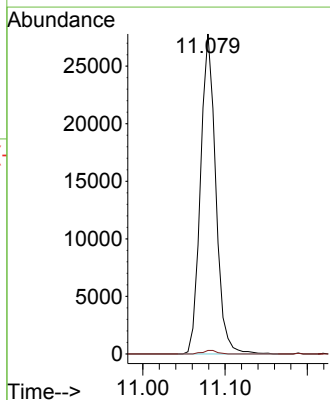
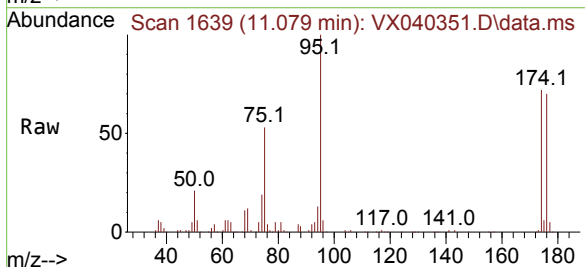
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20240215DL

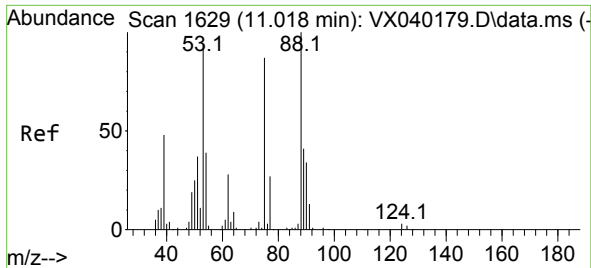
Tgt Ion:152 Resp: 65774
 Ion Ratio Lower Upper
 152 100
 115 63.1 43.3 129.9
 150 160.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.968 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040351.D
 Acq: 20 Feb 2024 13:07

Tgt Ion: 75 Resp: 35920
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.903 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040351.D
 Acq: 20 Feb 2024 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20240215DL

Tgt Ion: 75 Resp: 35920
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

