

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040190.D
 Acq On : 12 Feb 2024 11:34
 Operator : JC/MD
 Sample : P1379-01
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-CARBON-20240205

Quant Time: Feb 12 14:22:29 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)

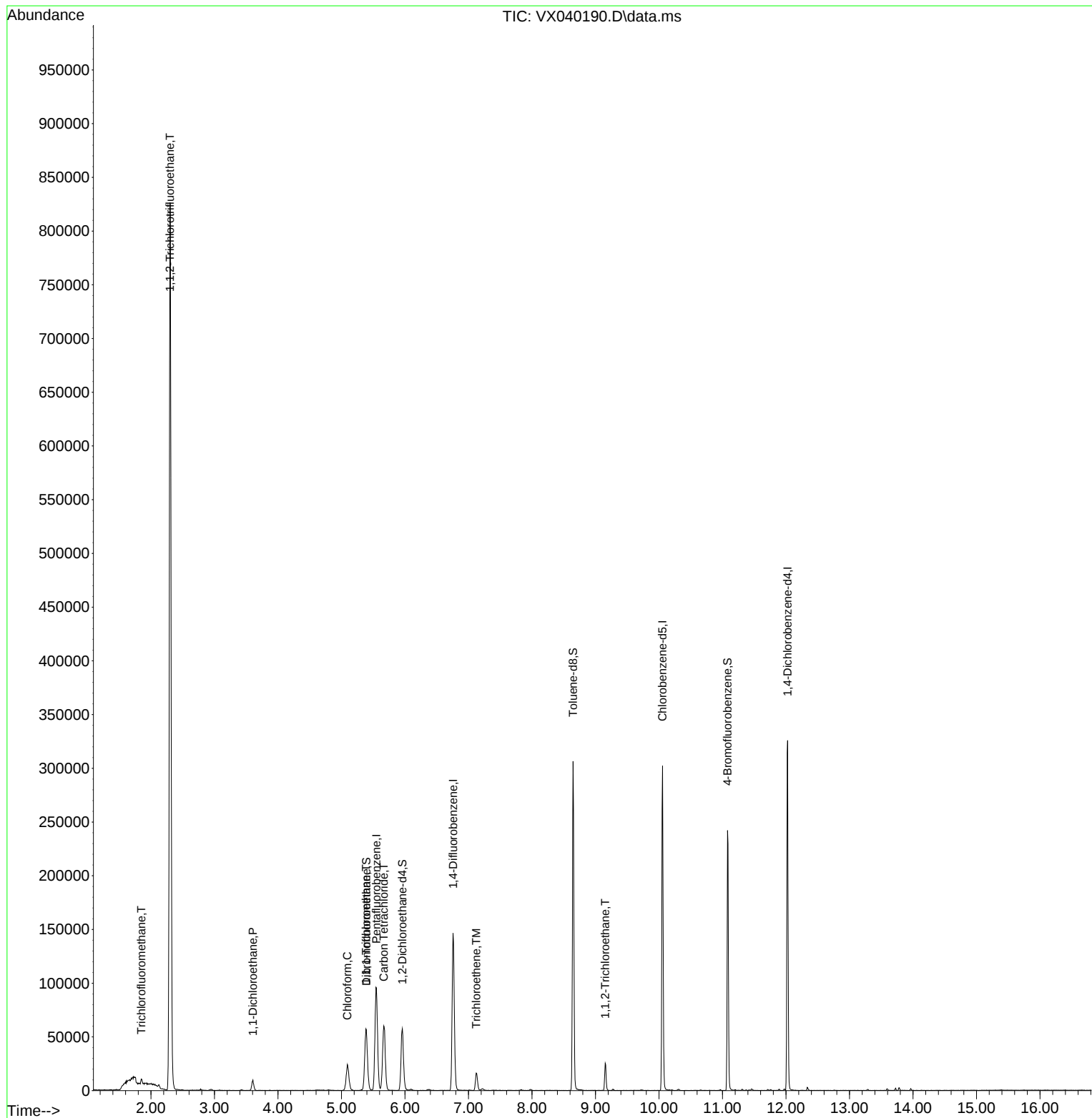
Internal Standards						
1) Pentafluorobenzene	5.550	168	91358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	149799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57342	42.190	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.380%
35) Dibromofluoromethane	5.391	113	45571	43.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.120%
50) Toluene-d8	8.647	98	181189	46.302	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.600%
62) 4-Bromofluorobenzene	11.079	95	68971	43.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.440%
Target Compounds						
7) Trichlorofluoromethane	1.849	101	2729	1.511	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.300	101	323628	334.071	ug/l	98
24) 1,1-Dichloroethane	3.605	63	10429	5.454	ug/l	99
30) Chloroform	5.093	83	27952	13.520	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	7114	4.090	ug/l	99
38) Carbon Tetrachloride	5.666	117	53662	38.513	ug/l	97
44) Trichloroethene	7.123	130	6313	5.585	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	6881	6.010	ug/l	93

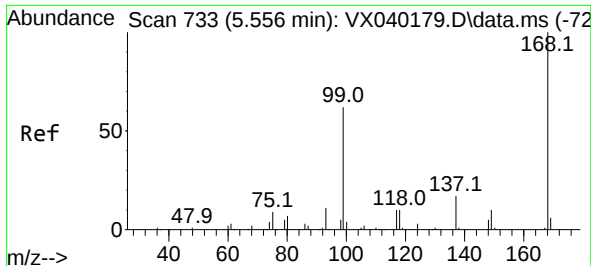
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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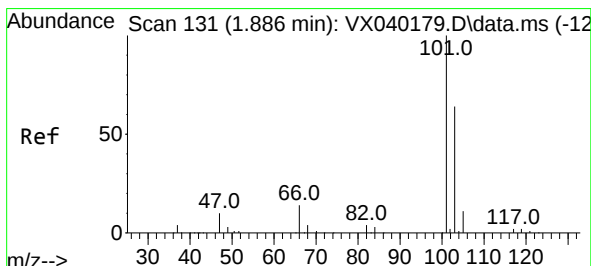
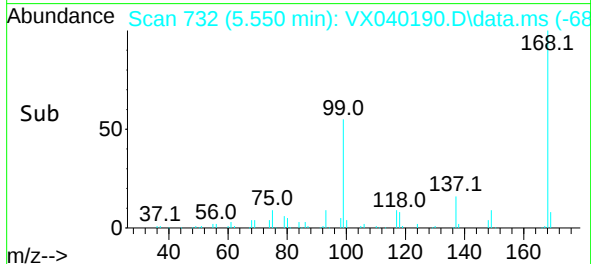
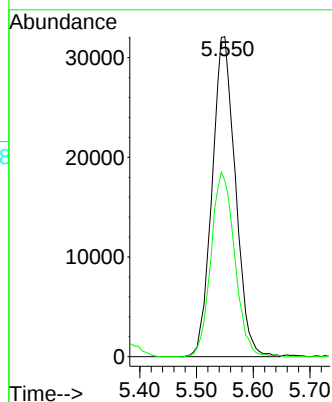
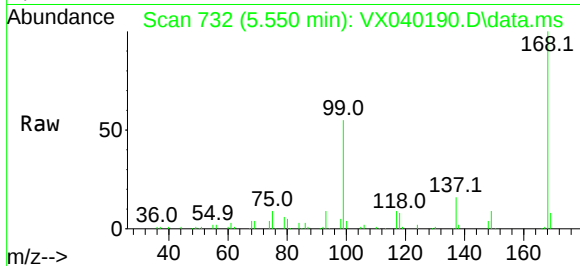




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

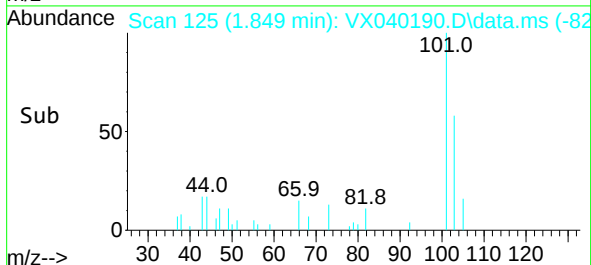
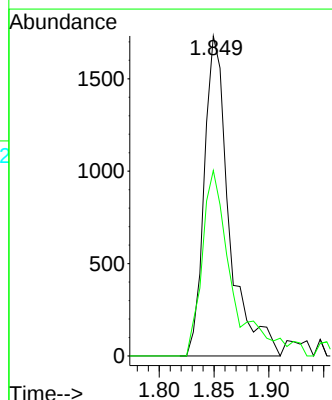
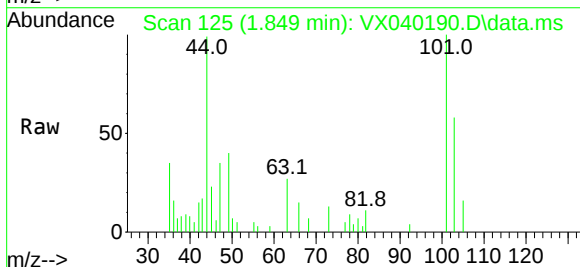
Instrument :
MSVOA_X
ClientSampleId :
RE137-CARBON-20240205

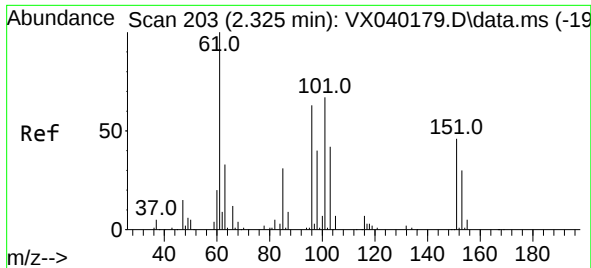
Tgt Ion:168 Resp: 91358
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0#



#7
Trichlorofluoromethane
Concen: 1.511 ug/l
RT: 1.849 min Scan# 125
Delta R.T. -0.036 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

Tgt Ion:101 Resp: 2729
Ion Ratio Lower Upper
101 100
103 58.0 51.4 77.2

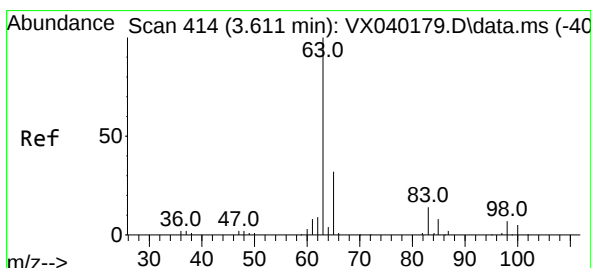
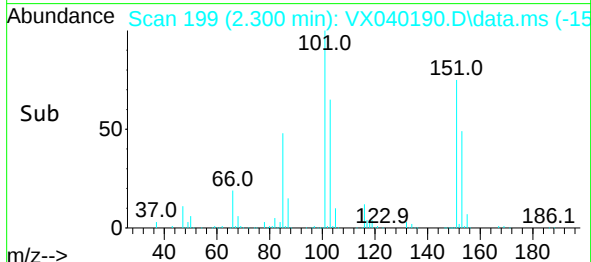
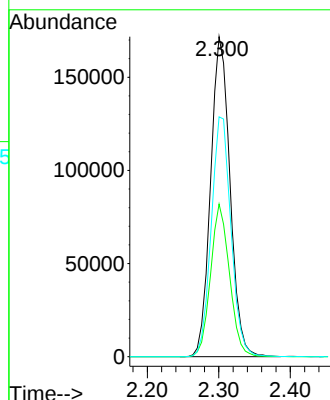
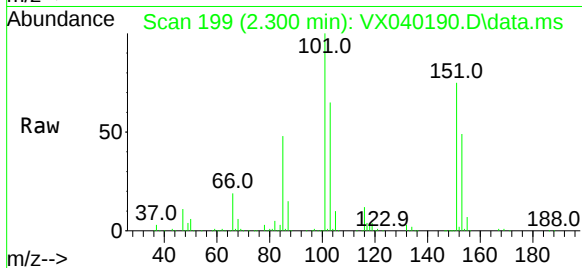




#9
1,1,2-Trichlorotrifluoroethane
Concen: 334.071 ug/l
RT: 2.300 min Scan# 199
Delta R.T. -0.024 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

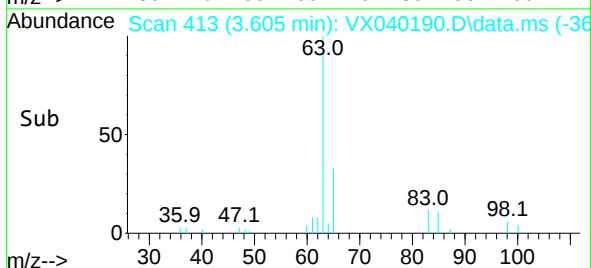
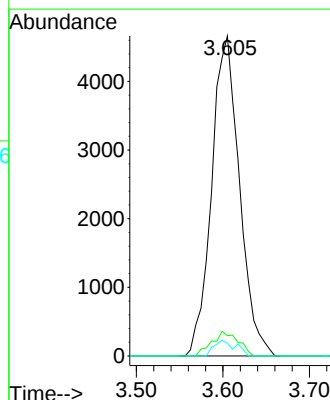
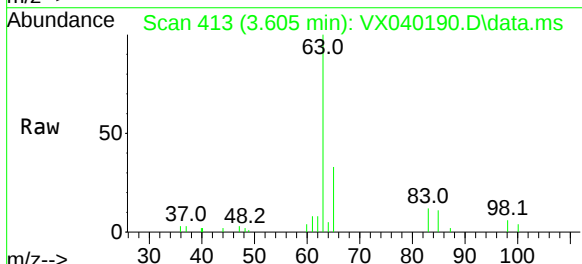
Instrument :
MSVOA_X
ClientSampleId :
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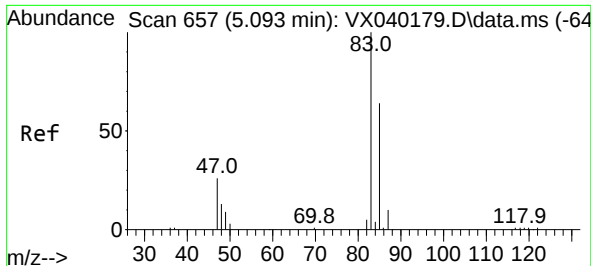
Tgt Ion:101 Resp: 323628
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 76.3 58.6 87.8



#24
1,1-Dichloroethane
Concen: 5.454 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

Tgt Ion: 63 Resp: 10429
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.8
100 4.0 2.1 6.5





#30

Chloroform

Concen: 13.520 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX040190.D

Acq: 12 Feb 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

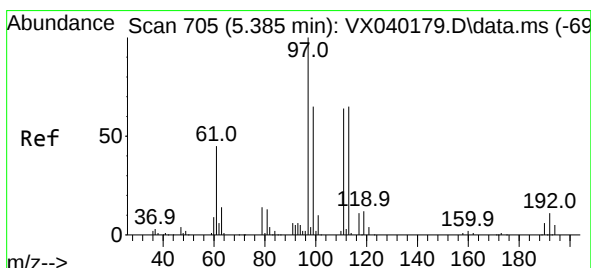
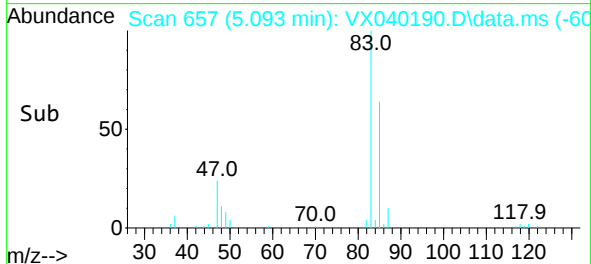
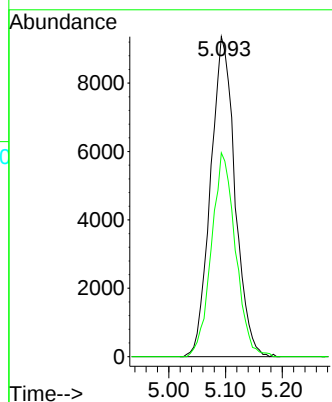
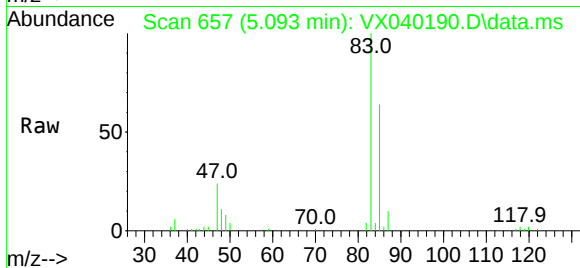
RE137-CARBON-20240205

Tgt Ion: 83 Resp: 27952

Ion Ratio Lower Upper

83 100

85 63.7 50.3 75.5



#32

1,1,1-Trichloroethane

Concen: 4.090 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040190.D

Acq: 12 Feb 2024 11:34

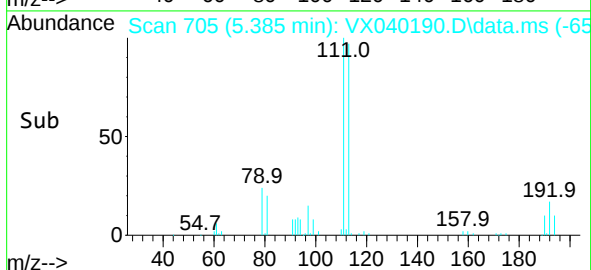
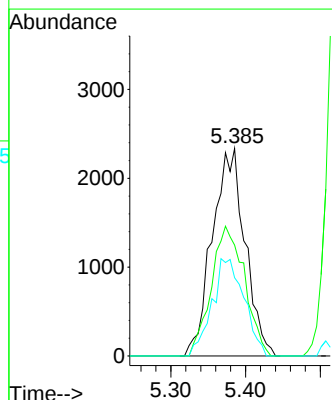
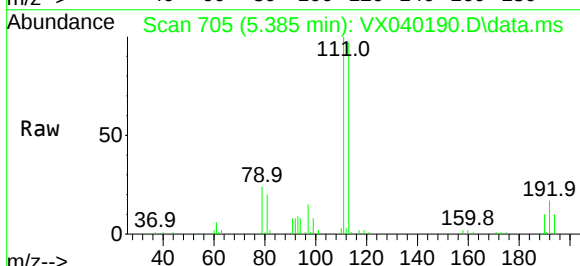
Tgt Ion: 97 Resp: 7114

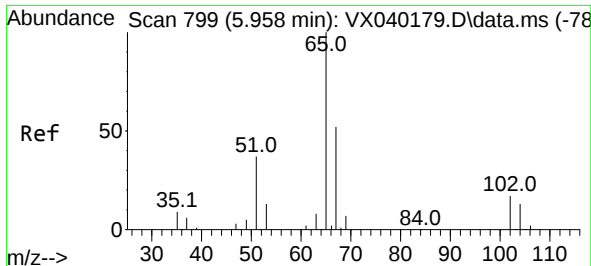
Ion Ratio Lower Upper

97 100

99 63.4 51.1 76.7

61 45.8 36.4 54.6

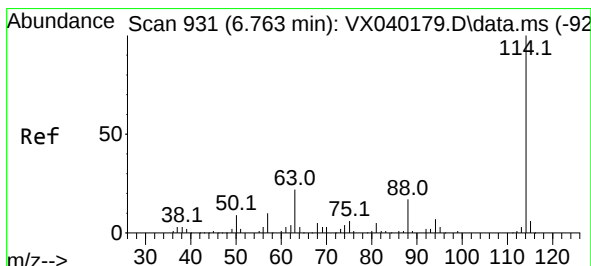
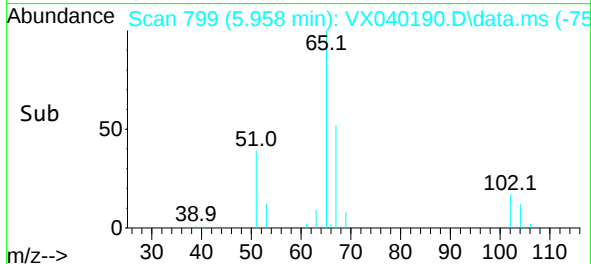
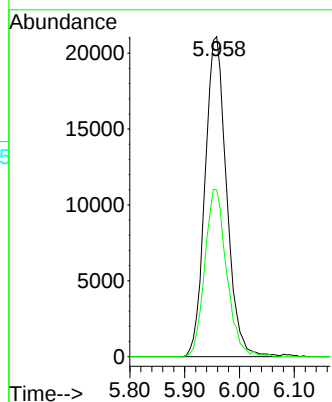
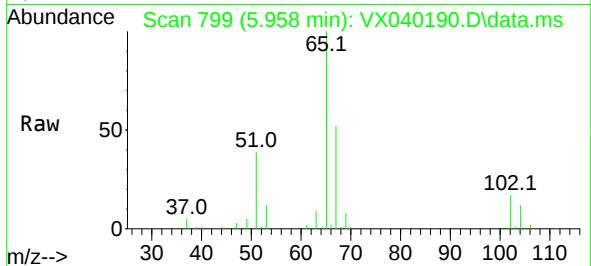




#33
1,2-Dichloroethane-d4
Concen: 42.190 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

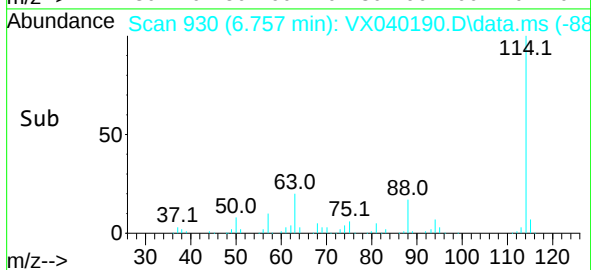
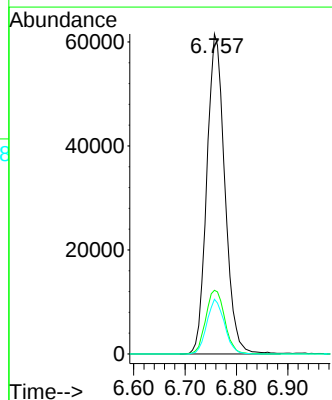
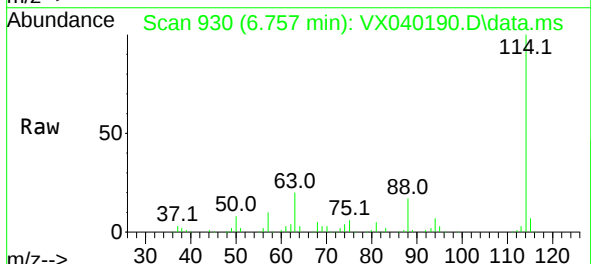
Instrument :
MSVOA_X
ClientSampleId :
RE137-CARBON-20240205

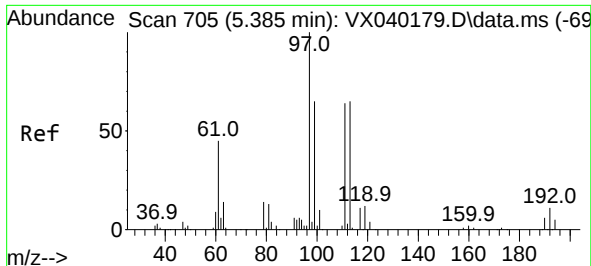
Tgt Ion: 65 Resp: 57342
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

Tgt Ion: 114 Resp: 149799
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.562 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040190.D

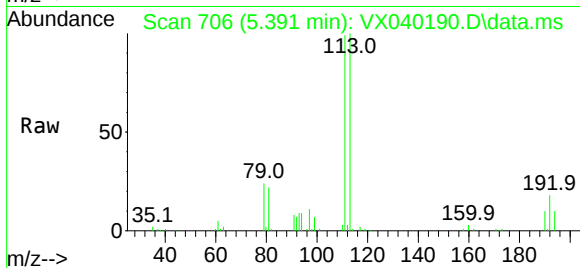
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Instrument :

MSVOA_X

ClientSampleId :

RE137-CARBON-20240205



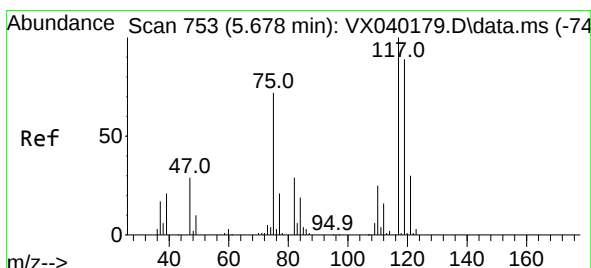
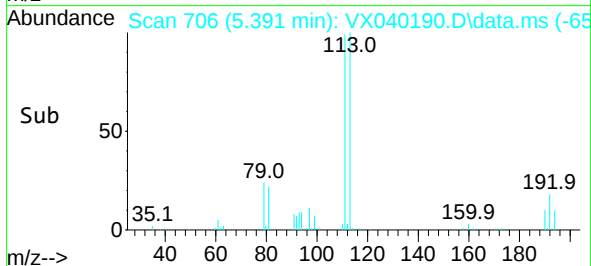
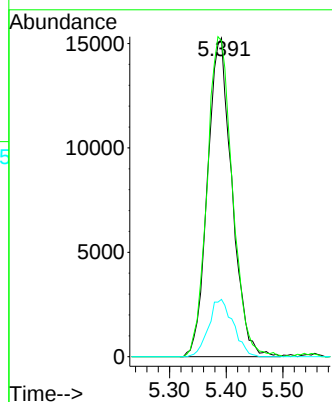
Tgt Ion:113 Resp: 45571

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

192 18.2 13.3 19.9



#38

Carbon Tetrachloride

Concen: 38.513 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX040190.D

Acq: 12 Feb 2024 11:34

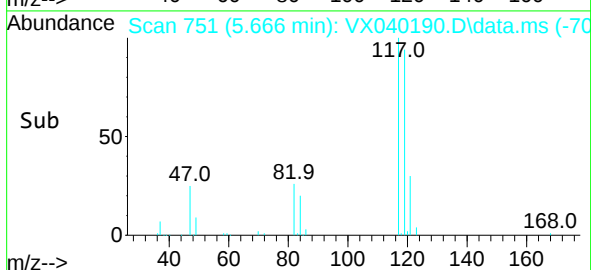
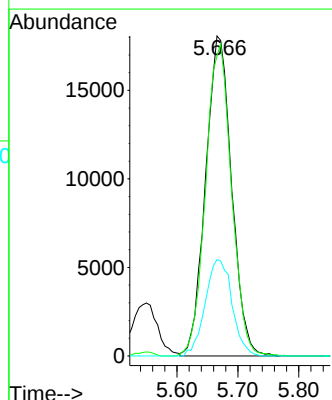
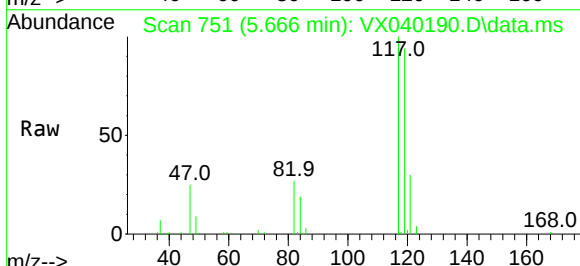
Tgt Ion:117 Resp: 53662

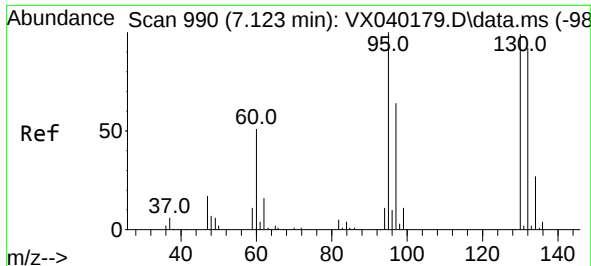
Ion Ratio Lower Upper

117 100

119 93.8 78.2 117.2

121 30.1 24.4 36.6

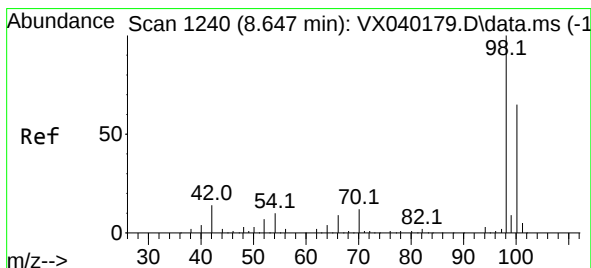
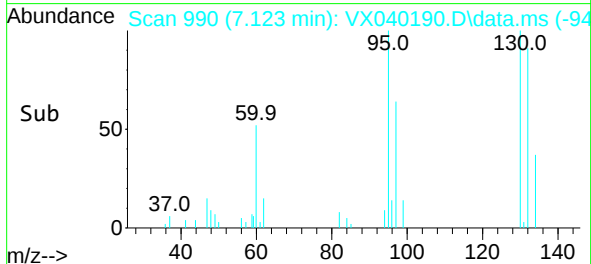
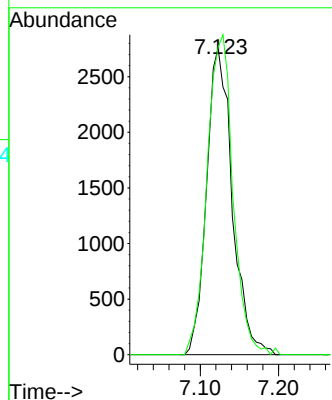
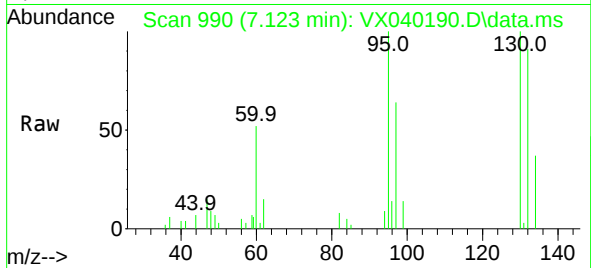




#44
Trichloroethene
Concen: 5.585 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

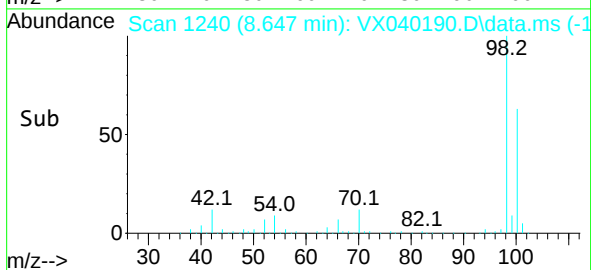
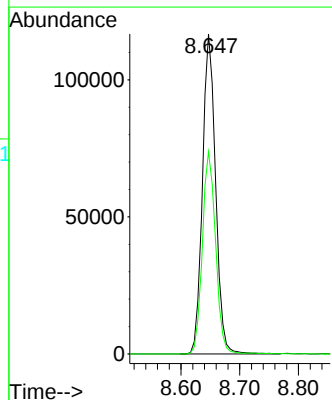
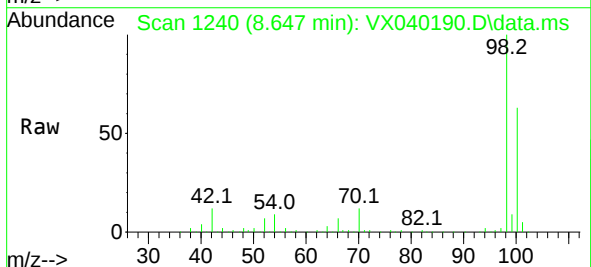
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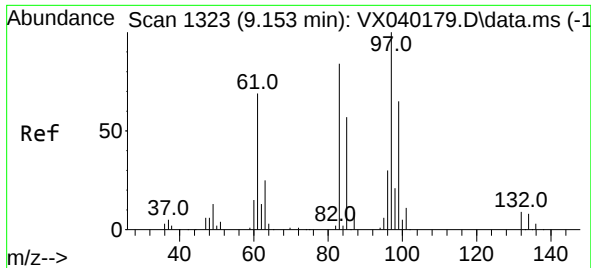
Tgt Ion:130 Resp: 6313
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.4



#50
Toluene-d8
Concen: 46.302 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

Tgt Ion: 98 Resp: 181189
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

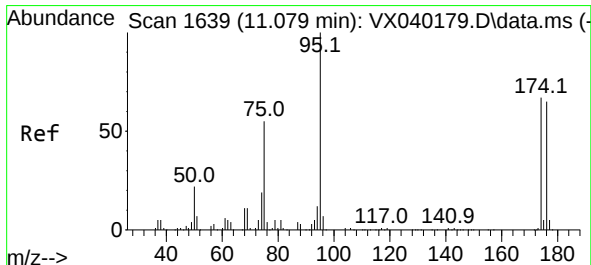
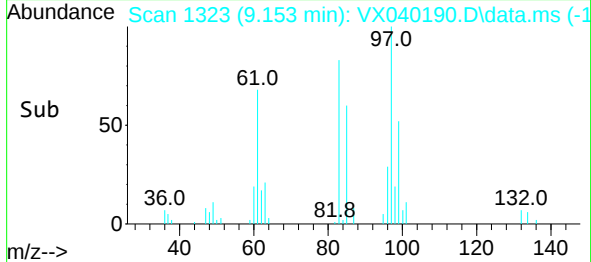
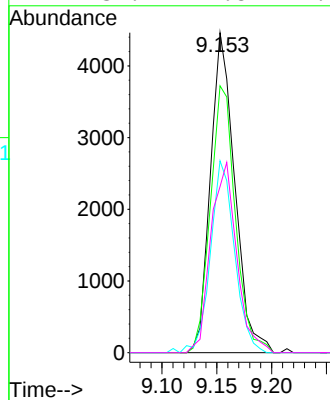
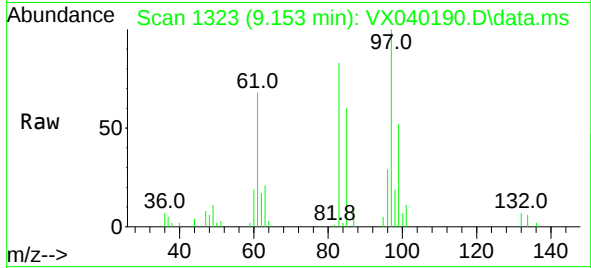




#55
1,1,2-Trichloroethane
Concen: 6.010 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

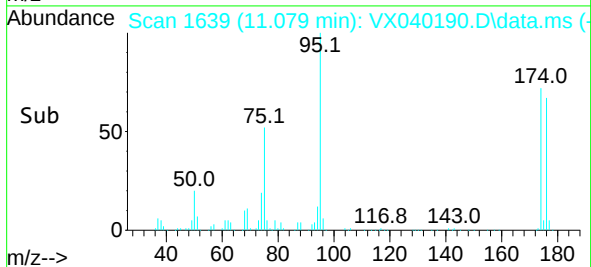
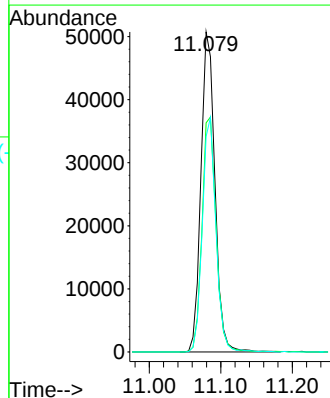
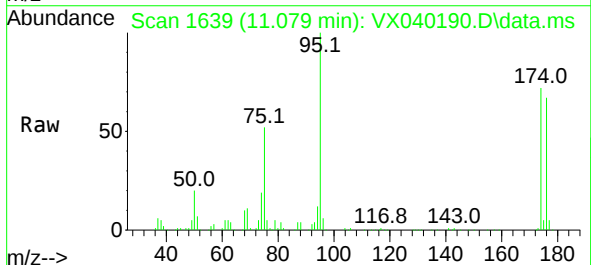
Instrument :
MSVOA_X
ClientSampleId :
RE137-CARBON-20240205

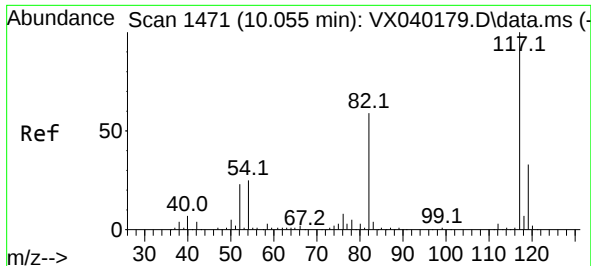
Tgt Ion: 97	Resp: 6881
Ion Ratio	Lower Upper
97 100	
83 83.4	65.8 98.8
85 59.9	41.6 62.4
99 51.9	47.8 71.8



#62
4-Bromofluorobenzene
Concen: 43.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

Tgt Ion: 95	Resp: 68971
Ion Ratio	Lower Upper
95 100	
174 73.5	0.0 135.6
176 71.2	0.0 131.0

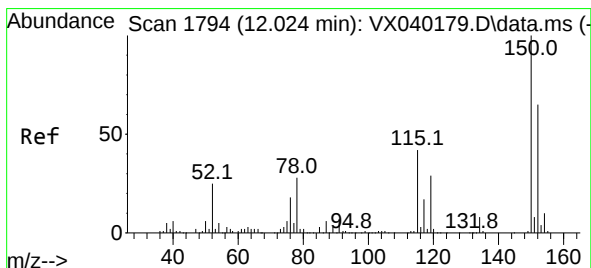
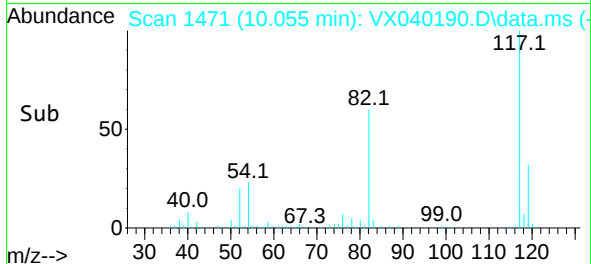
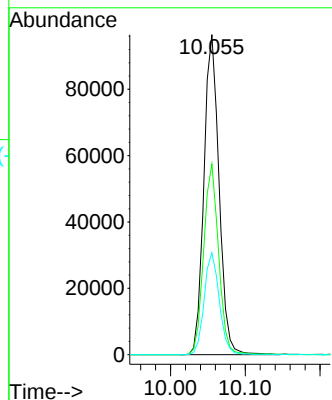
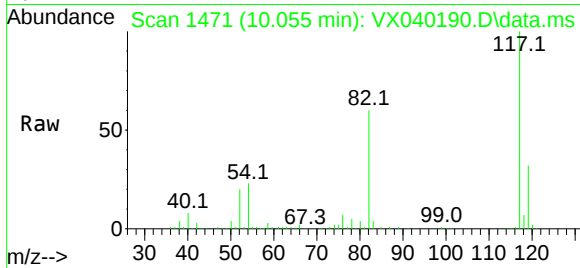




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE137-CARBON-20240205

Tgt Ion:117 Resp: 135691
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040190.D
Acq: 12 Feb 2024 11:34

Tgt Ion:152 Resp: 67247
Ion Ratio Lower Upper
152 100
115 62.0 43.3 129.9
150 158.0 0.0 345.0

