

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010154.D
 Acq On : 22 Aug 2022 19:19
 Operator : KP/MD
 Sample : N4167-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RE137-CARBON-20220810

Quant Time: Aug 23 00:17:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

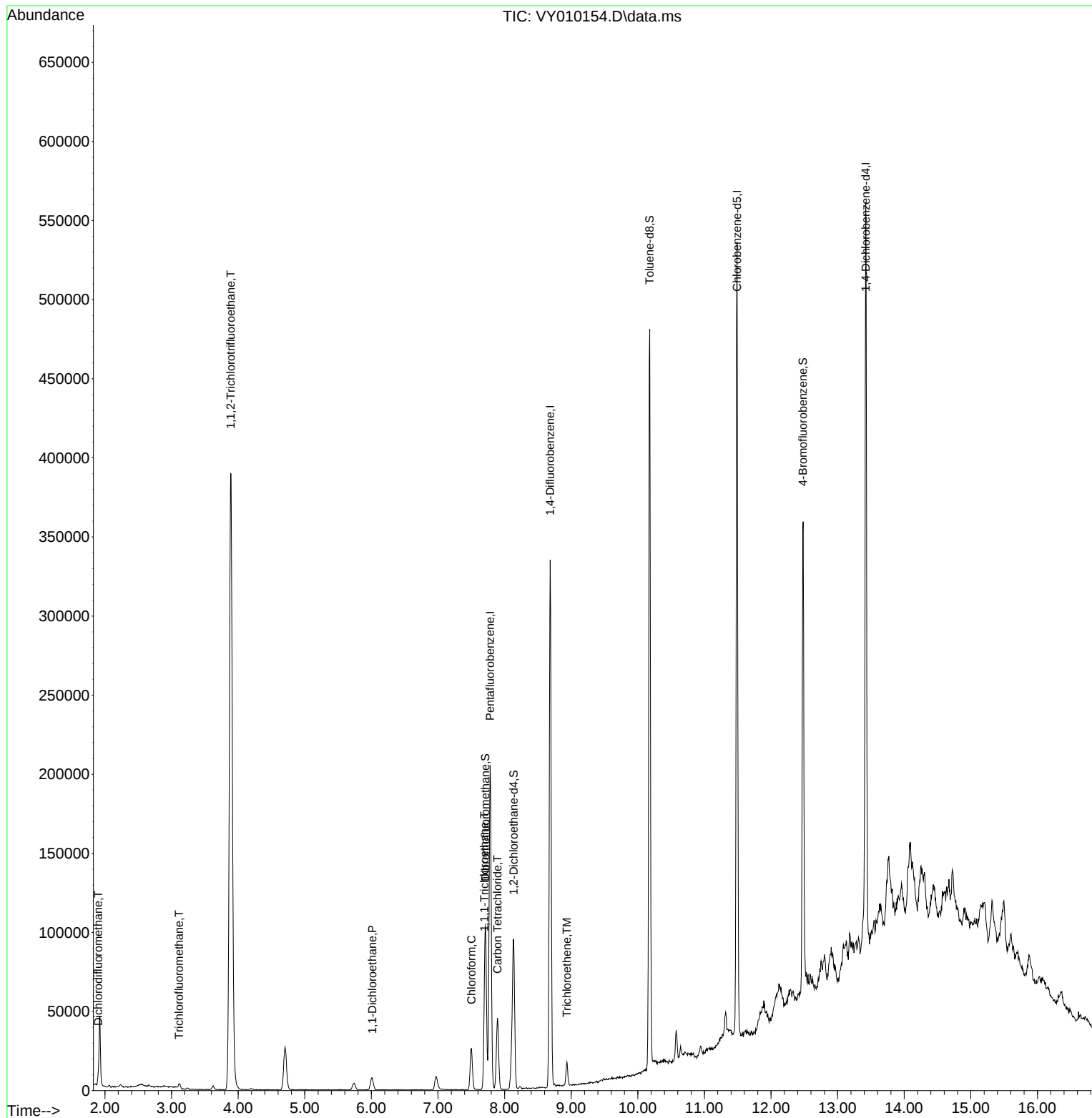
Internal Standards						
1) Pentafluorobenzene	7.783	168	165531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	291024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	275953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66228	48.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.700%
35) Dibromofluoromethane	7.710	113	73626	44.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.800%
50) Toluene-d8	10.179	98	314426	51.170	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.340%
62) 4-Bromofluorobenzene	12.477	95	94487	43.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	6394	5.183	ug/l	95
7) Trichlorofluoromethane	3.113	101	3564	1.391	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	264357	166.183	ug/l	99
24) 1,1-Dichloroethane	6.015	63	12057	4.220	ug/l	95
30) Chloroform	7.502	83	25781	8.630	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	4556	1.749	ug/l	95
38) Carbon Tetrachloride	7.892	117	33508	12.206	ug/l	97
44) Trichloroethene	8.935	130	5312	2.407	ug/l	96

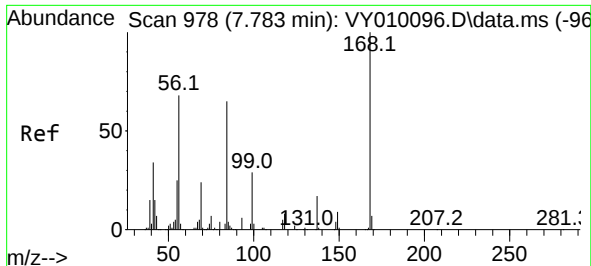
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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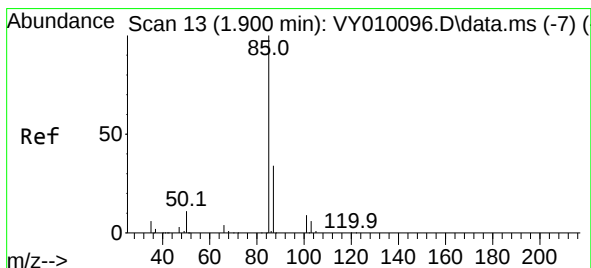
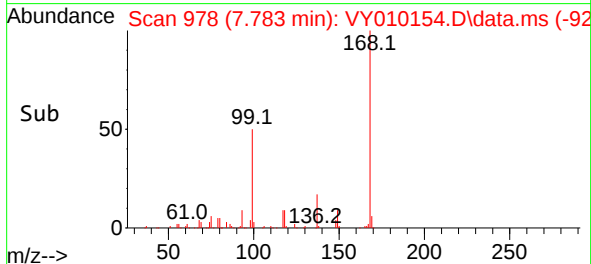
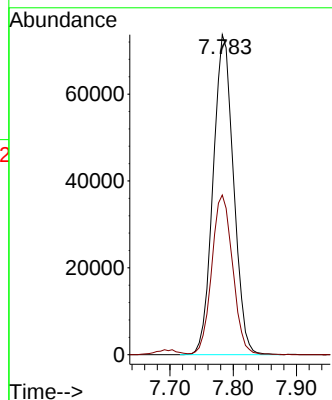
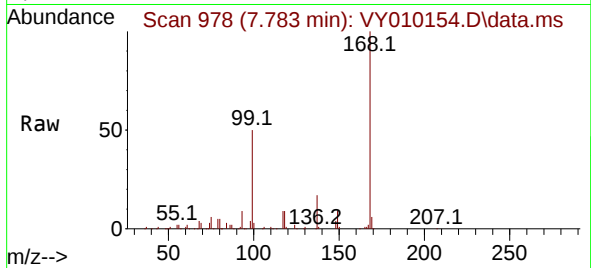




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

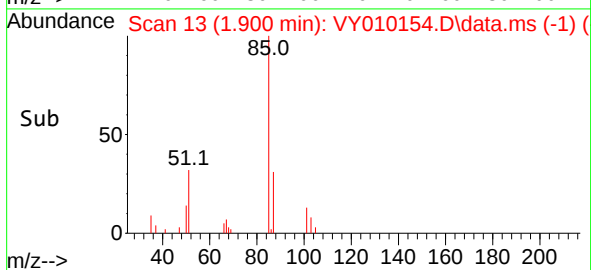
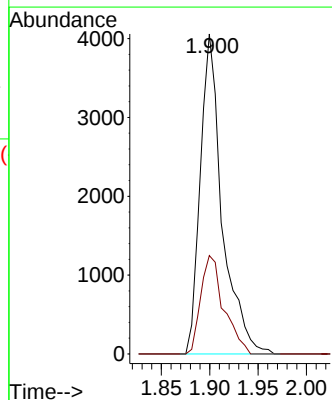
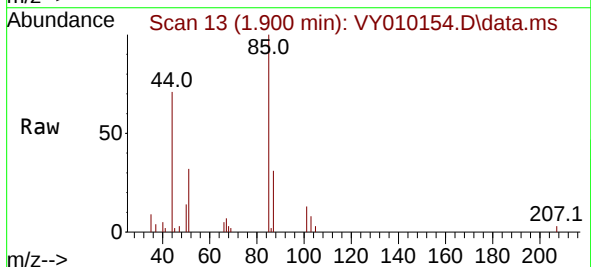
Instrument :
MSVOA_Y
ClientSampleId :
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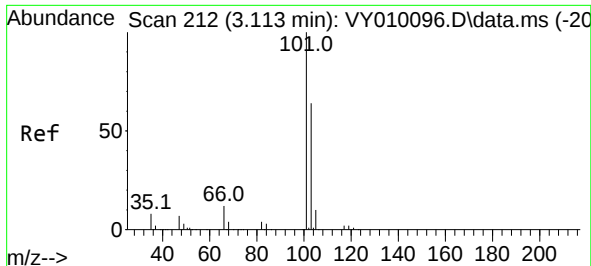
Tgt Ion:168 Resp: 165531
Ion Ratio Lower Upper
168 100
99 49.8 40.7 61.1



#2
Dichlorodifluoromethane
Concen: 5.183 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

Tgt Ion: 85 Resp: 6394
Ion Ratio Lower Upper
85 100
87 30.8 16.8 50.4

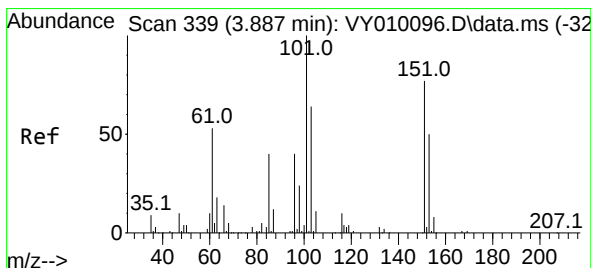
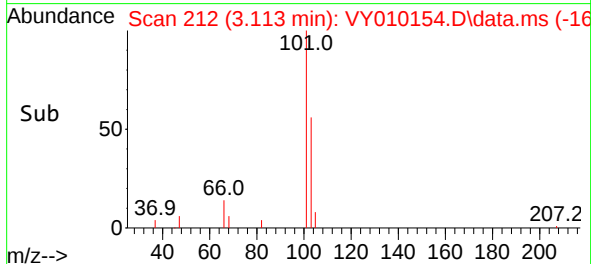
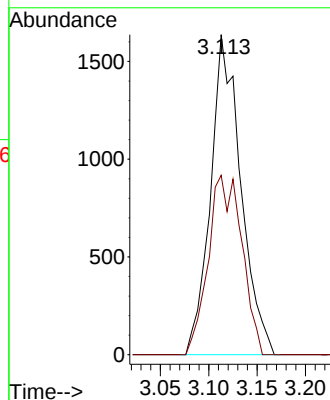
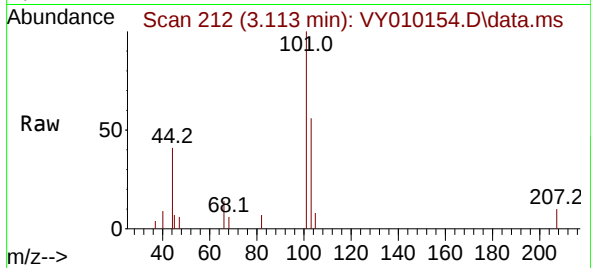




#7
Trichlorofluoromethane
Concen: 1.391 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

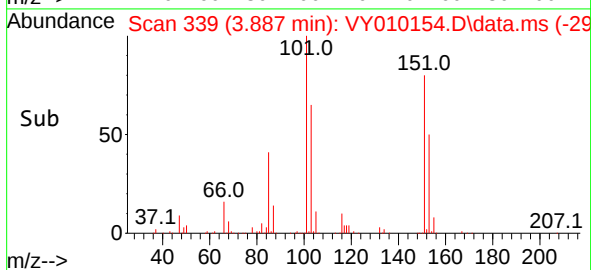
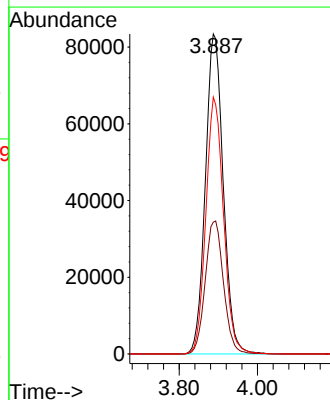
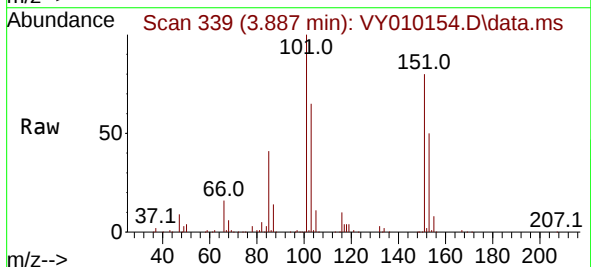
Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20220810

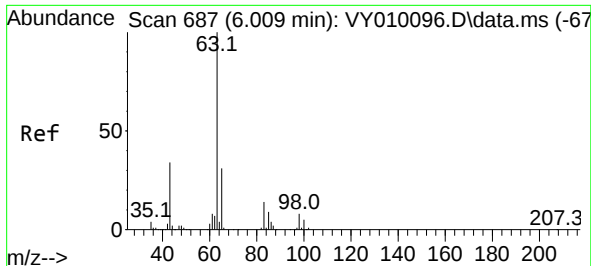
Tgt Ion:101 Resp: 3564
Ion Ratio Lower Upper
101 100
103 56.1 51.1 76.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 166.183 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

Tgt Ion:101 Resp: 264357
Ion Ratio Lower Upper
101 100
85 42.5 33.4 50.2
151 79.4 63.8 95.8

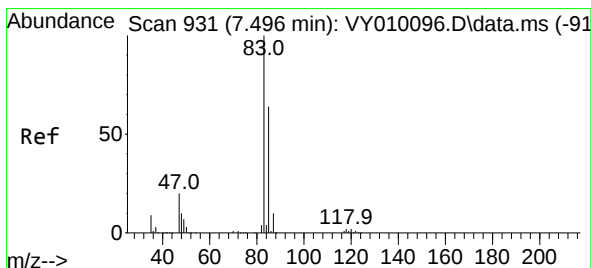
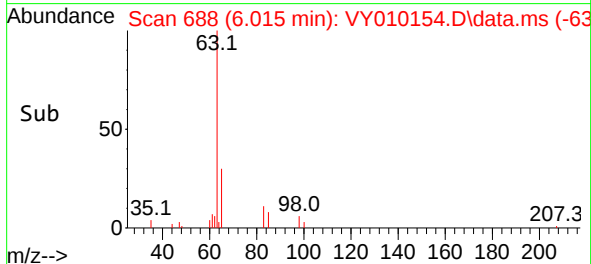
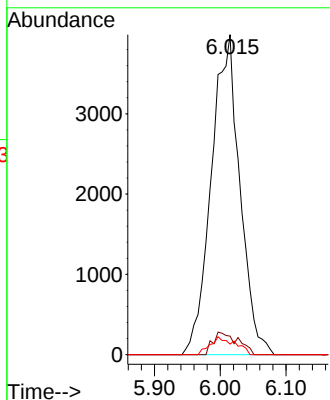
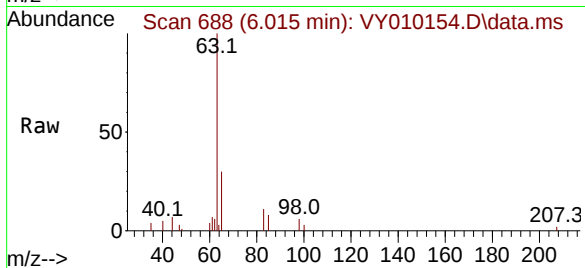




#24
1,1-Dichloroethane
Concen: 4.220 ug/l
RT: 6.015 min Scan# 61
Delta R.T. 0.006 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

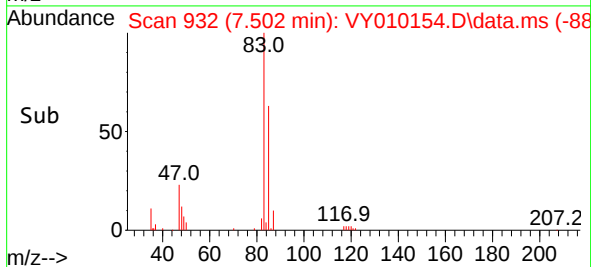
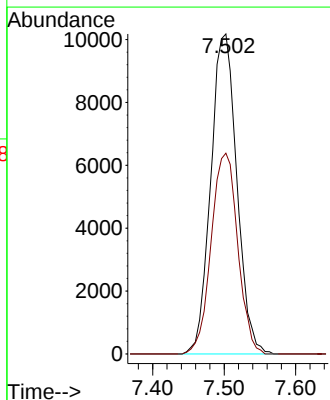
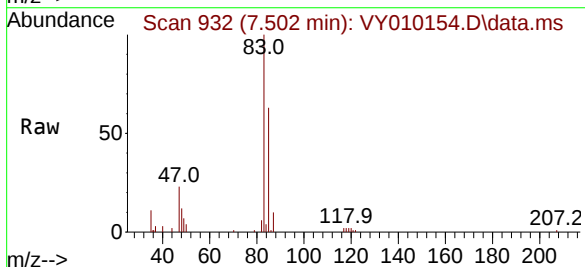
Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20220810

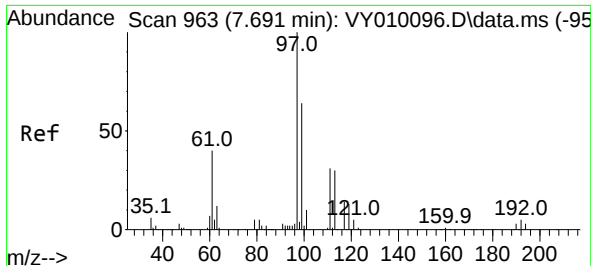
Tgt Ion:	63	Resp:	12057
Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.9	11.7
100	3.3	2.5	7.4



#30
Chloroform
Concen: 8.630 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.006 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

Tgt Ion:	83	Resp:	25781
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.8	76.2

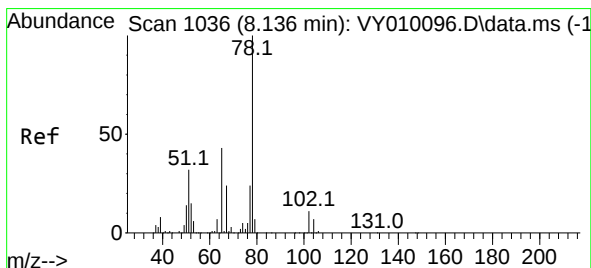
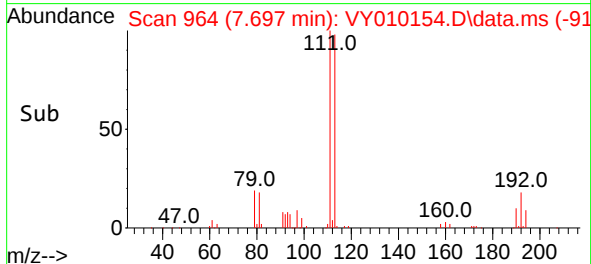
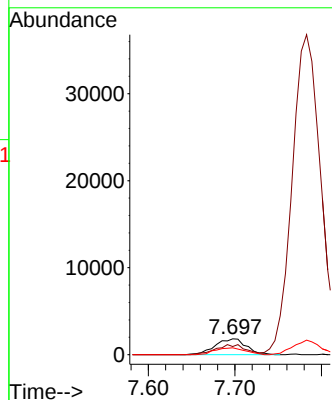
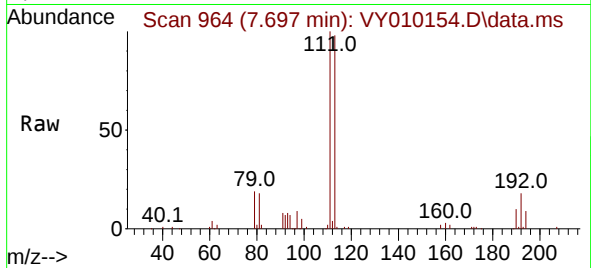




#32
1,1,1-Trichloroethane
Concen: 1.749 ug/l
RT: 7.697 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

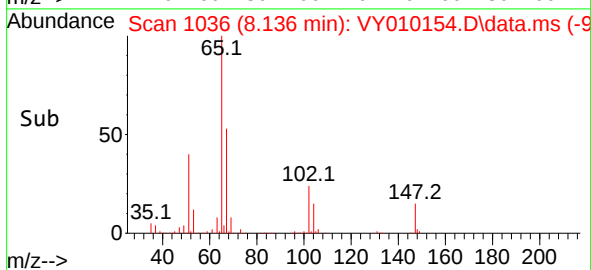
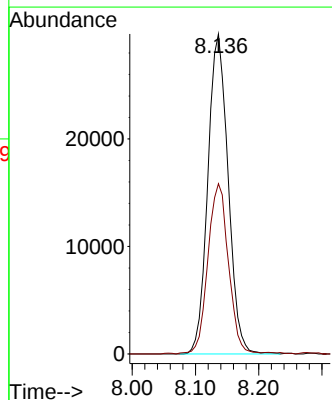
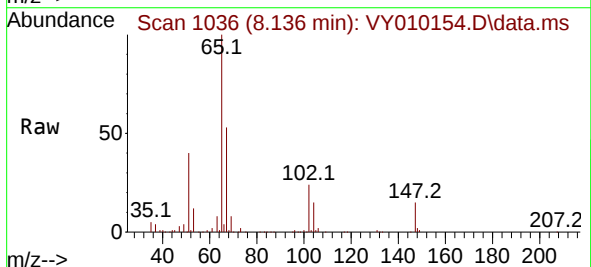
Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20220810

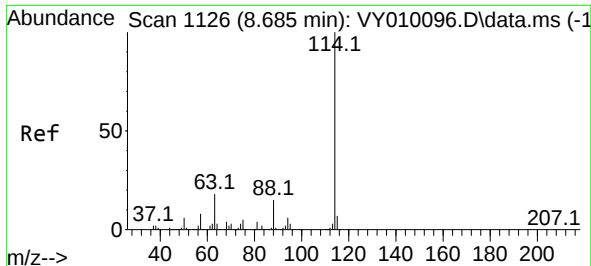
Tgt Ion: 97 Resp: 4556
Ion Ratio Lower Upper
97 100
99 60.2 51.7 77.5
61 41.7 31.8 47.8



#33
1,2-Dichloroethane-d4
Concen: 48.846 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

Tgt Ion: 65 Resp: 66228
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010154.D

Acq: 22 Aug 2022 19:19

Instrument :

MSVOA_Y

ClientSampleId :

RE137-CARBON-20220810

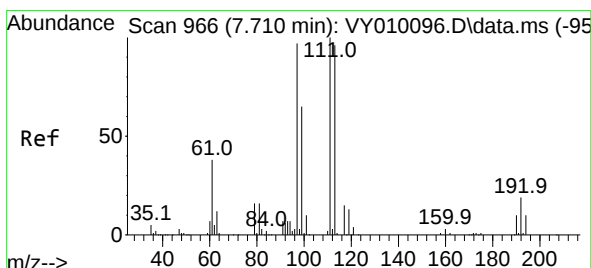
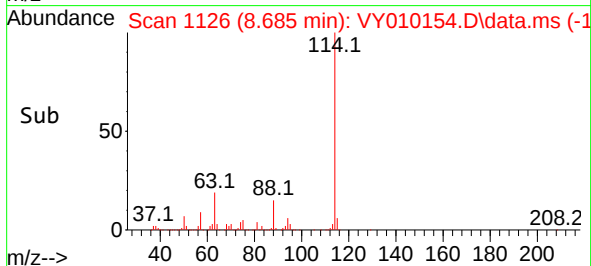
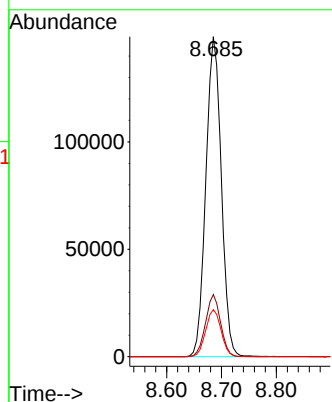
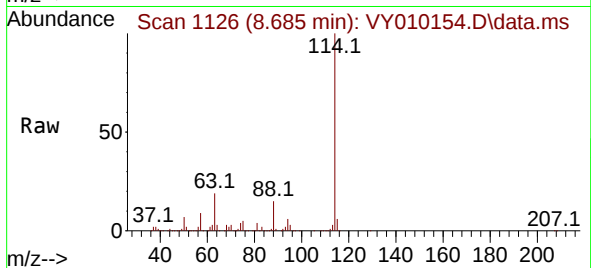
Tgt Ion:114 Resp: 291024

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.6

88 14.7 0.0 29.6



#35

Dibromofluoromethane

Concen: 44.898 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010154.D

Acq: 22 Aug 2022 19:19

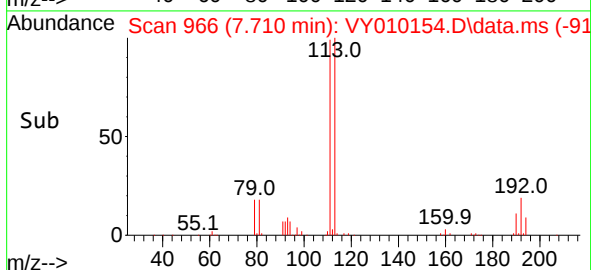
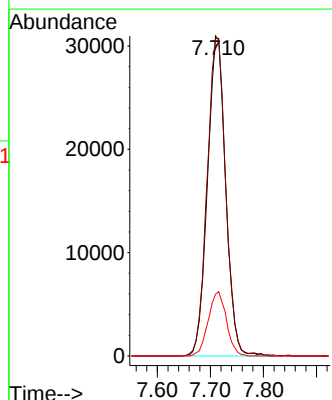
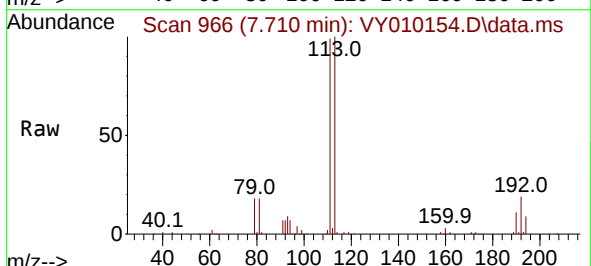
Tgt Ion:113 Resp: 73626

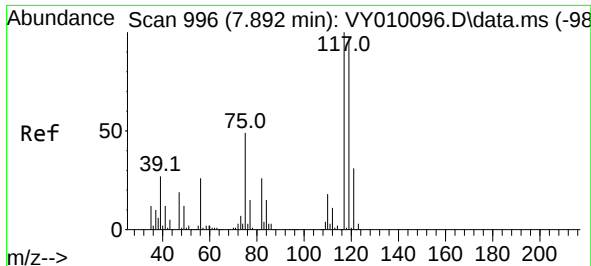
Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 20.1 16.3 24.5

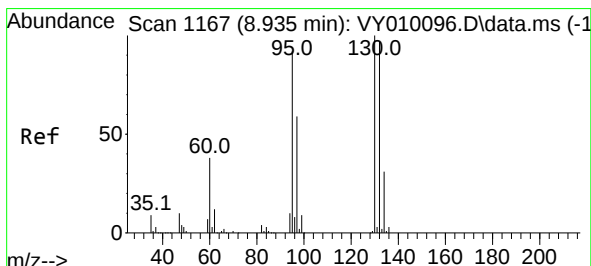
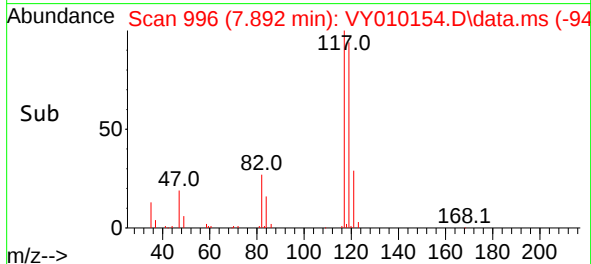
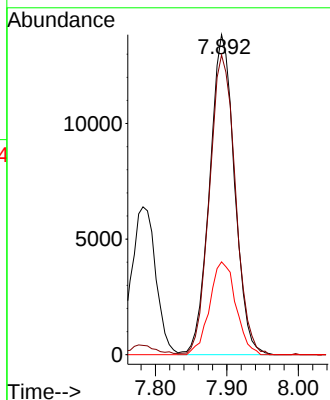
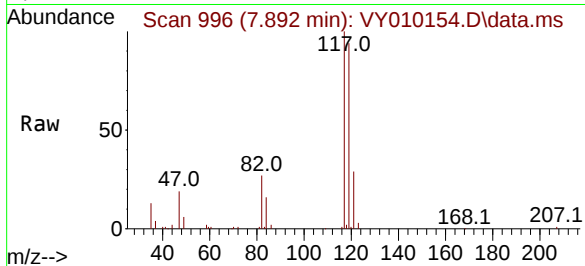




#38
Carbon Tetrachloride
Concen: 12.206 ug/l
RT: 7.892 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

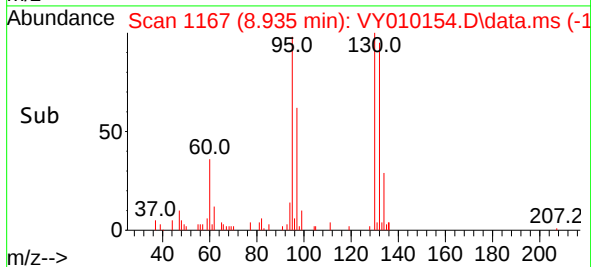
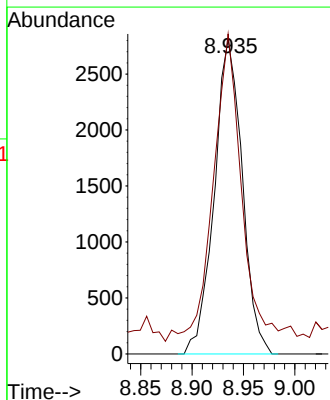
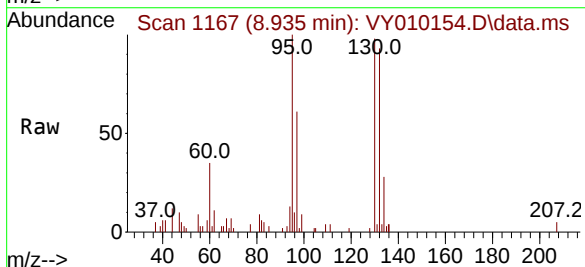
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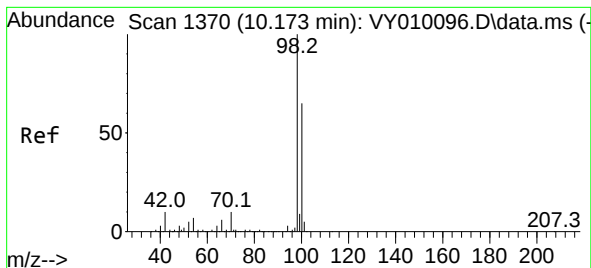
Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.1	115.7
121	29.0	24.7	37.1



#44
Trichloroethene
Concen: 2.407 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	183.8





#50

Toluene-d8

Concen: 51.170 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010154.D

Acq: 22 Aug 2022 19:19

Instrument :

MSVOA_Y

ClientSampleId :

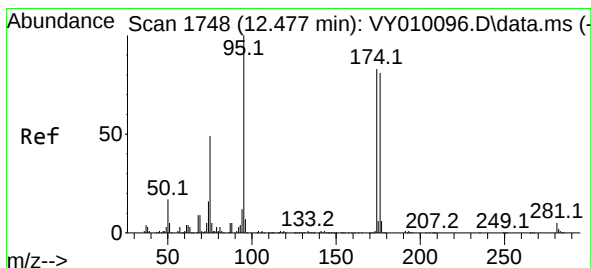
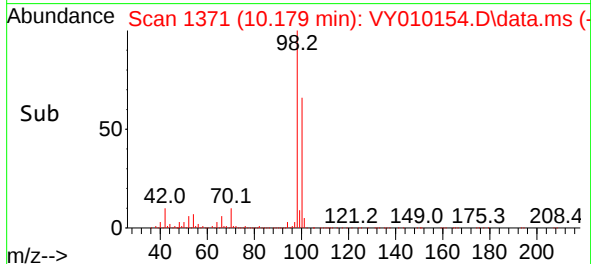
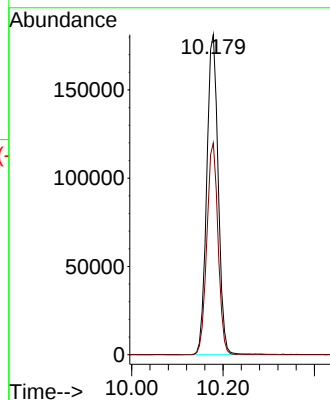
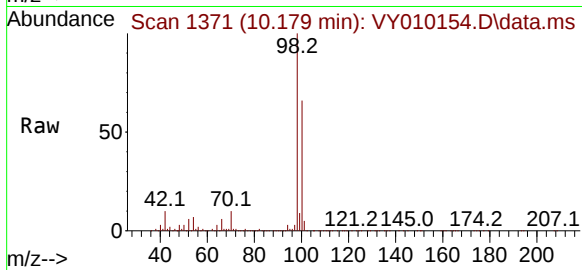
RE137-CARBON-20220810

Tgt Ion: 98 Resp: 314426

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 43.037 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010154.D

Acq: 22 Aug 2022 19:19

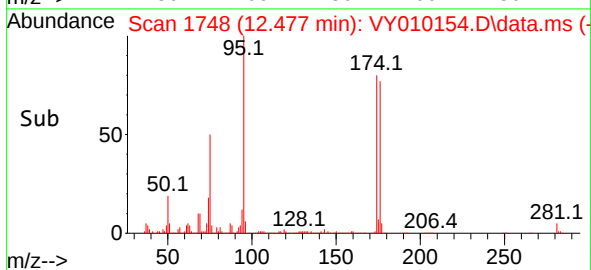
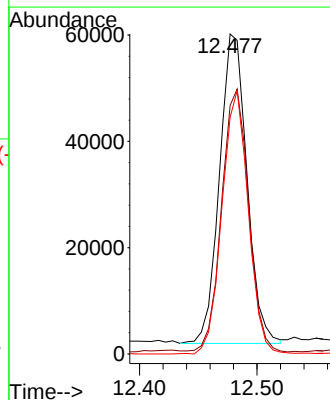
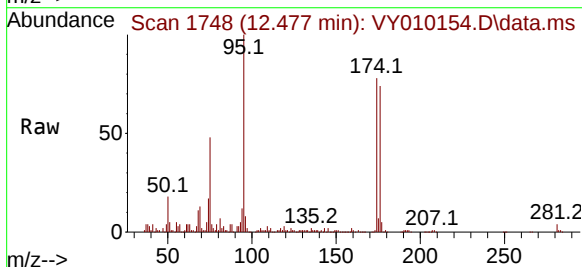
Tgt Ion: 95 Resp: 94487

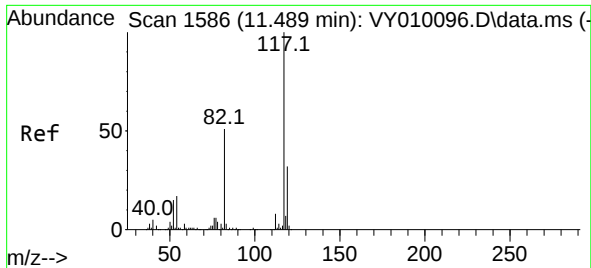
Ion Ratio Lower Upper

95 100

174 83.8 0.0 173.8

176 81.6 0.0 167.2

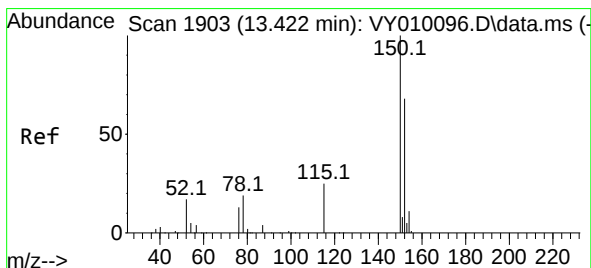
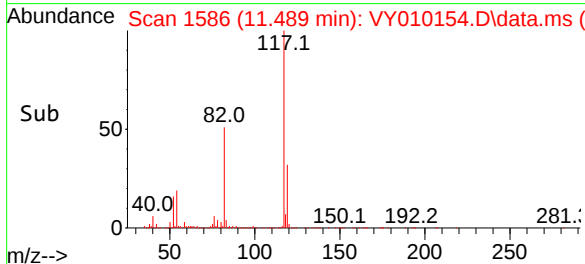
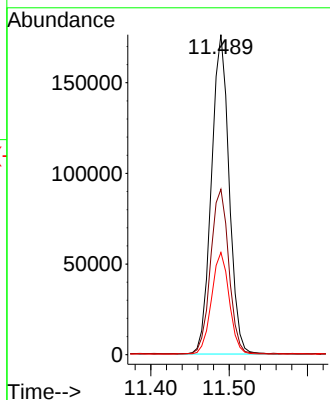
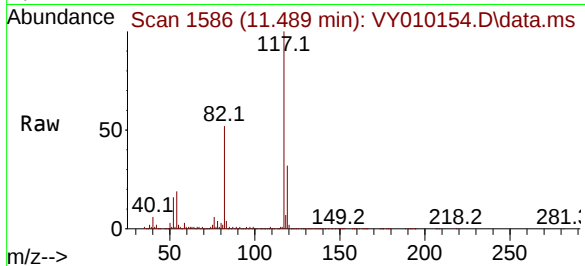




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20220810

Tgt Ion:117 Resp: 275953
Ion Ratio Lower Upper
117 100
82 51.5 40.6 61.0
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010154.D
Acq: 22 Aug 2022 19:19

Tgt Ion:152 Resp: 122311
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.2
150 154.1 0.0 346.2

