

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017301.D
 Acq On : 07 Feb 2024 19:59
 Operator : SY/MD
 Sample : P1379-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RE137-CARBON-20240205RE

Quant Time: Feb 08 01:47:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

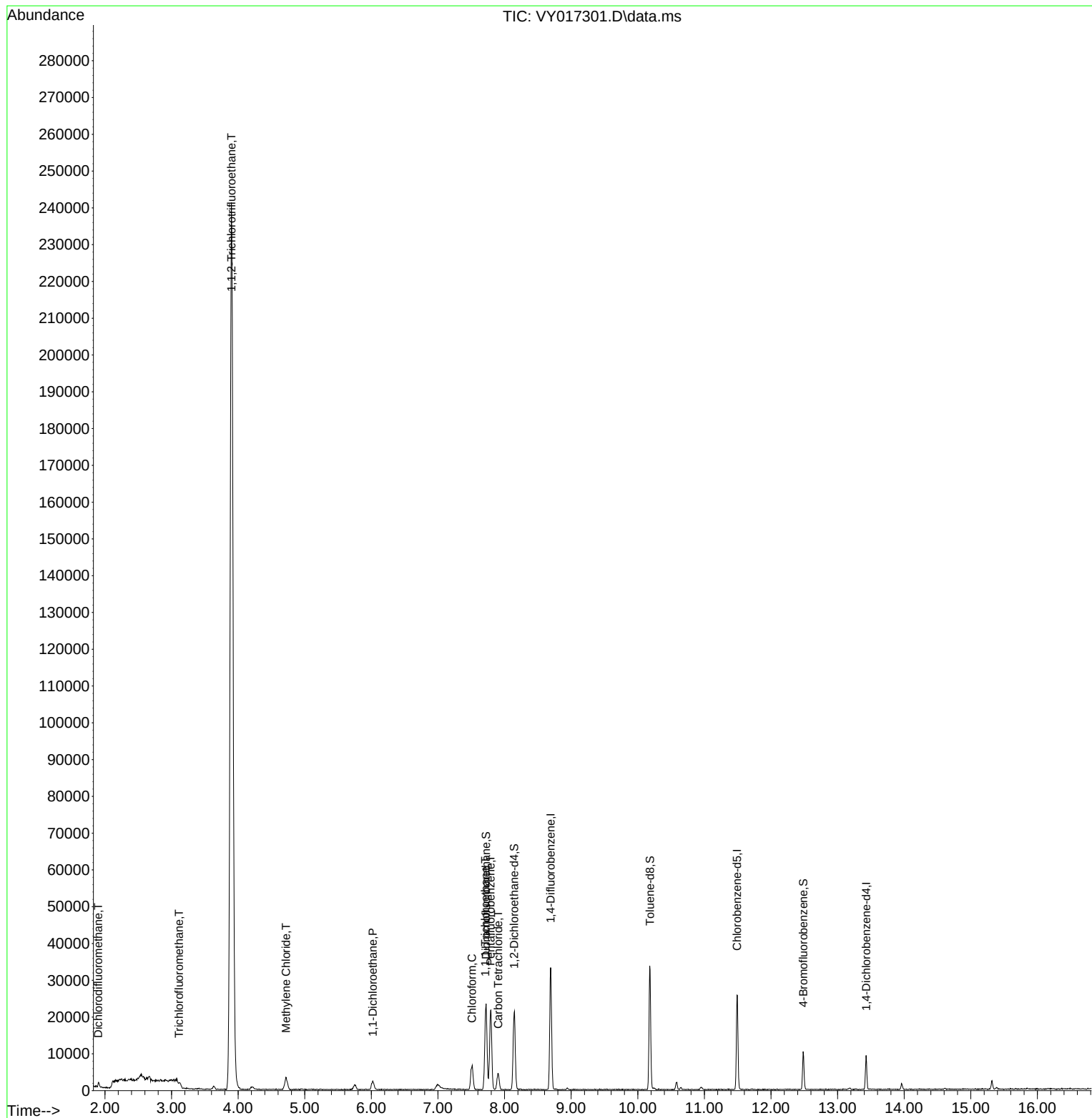
Internal Standards						
1) Pentafluorobenzene	7.789	168	16056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	14002	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	2405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16059	111.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 223.920%#	
35) Dibromofluoromethane	7.722	113	16095	109.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 219.640%#	
50) Toluene-d8	10.185	98	22299	41.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.580%	
62) 4-Bromofluorobenzene	12.483	95	2741	15.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 31.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	1283	10.541	ug/l	89
7) Trichlorofluoromethane	3.113	101	1619	5.909	ug/l #	71
9) 1,1,2-Trichlorotrifluo...	3.900	101	155361	935.374	ug/l	96
20) Methylene Chloride	4.716	84	2430	11.367	ug/l #	79
24) 1,1-Dichloroethane	6.021	63	3373	10.657	ug/l	95
30) Chloroform	7.509	83	6478	20.345	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	706	2.578	ug/l	91
38) Carbon Tetrachloride	7.905	117	3222	13.311	ug/l #	90

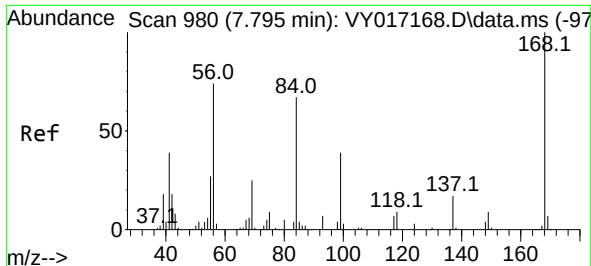
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
Data File : VY017301.D
Acq On : 07 Feb 2024 19:59
Operator : SY/MD
Sample : P1379-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20240205RE

Quant Time: Feb 08 01:47:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

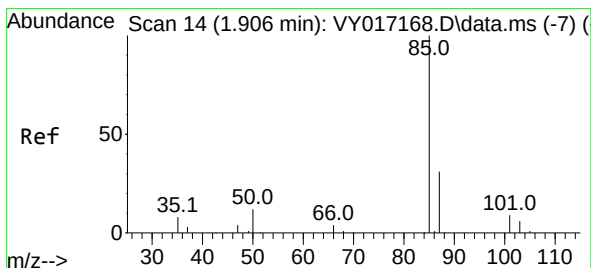
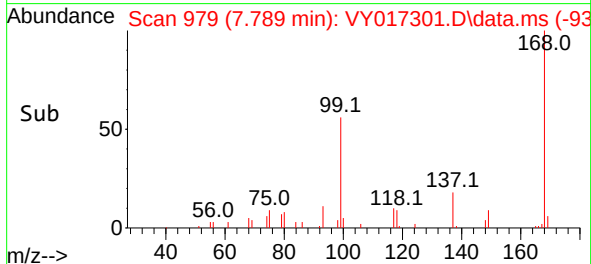
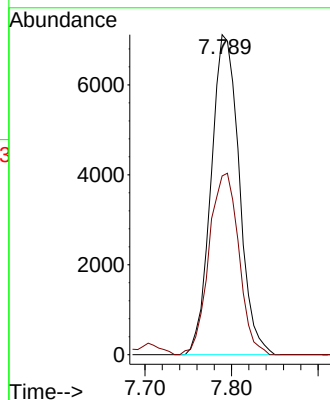
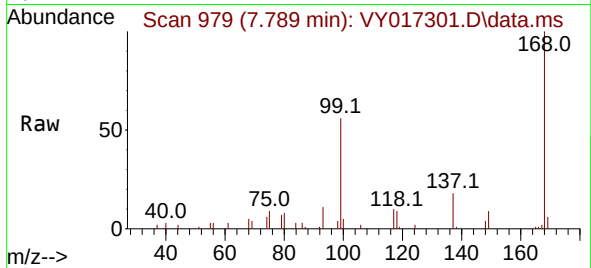




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

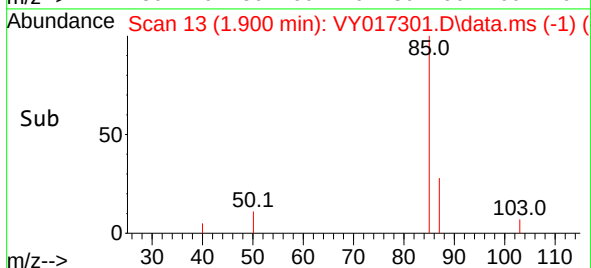
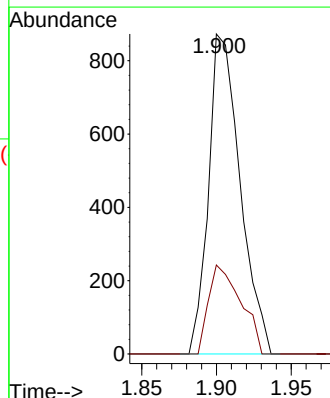
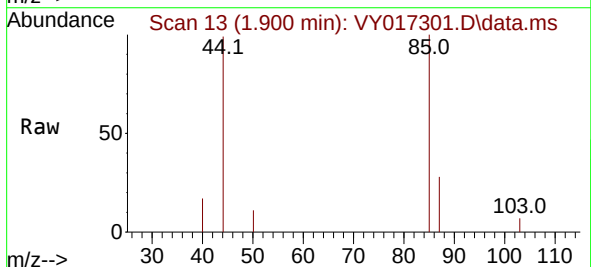
Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20240205RE

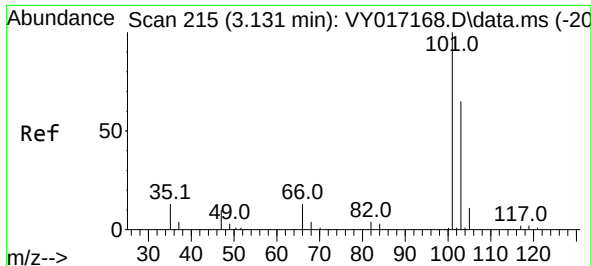
Tgt Ion:168 Resp: 16056
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 10.541 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

Tgt Ion: 85 Resp: 1283
Ion Ratio Lower Upper
85 100
87 27.8 17.1 51.3

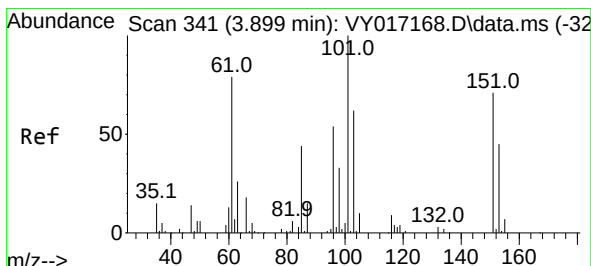
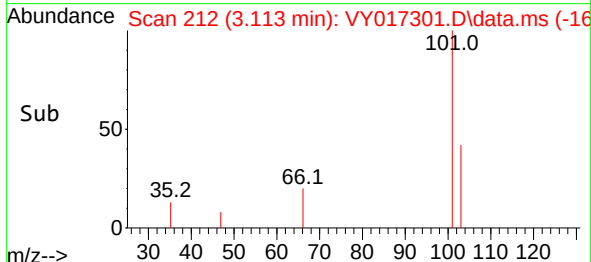
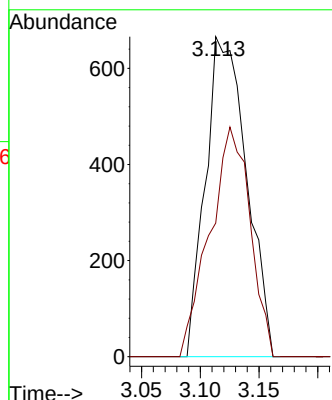
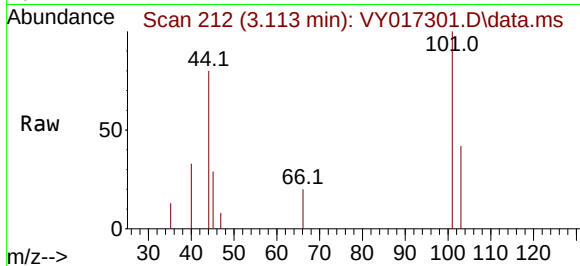




#7
 Trichlorofluoromethane
 Concen: 5.909 ug/l
 RT: 3.113 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: VY017301.D
 Acq: 07 Feb 2024 19:59

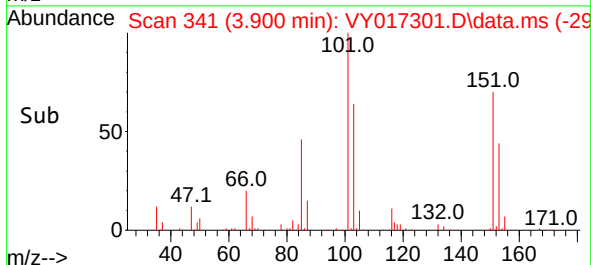
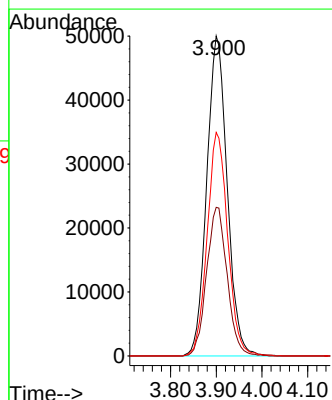
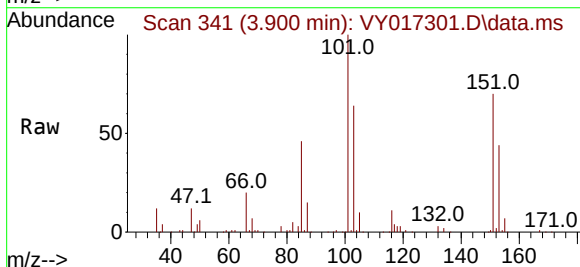
Instrument : MSVOA_Y
 ClientSampleId : RE137-CARBON-20240205RE

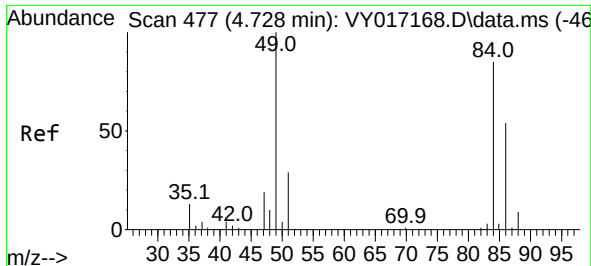
Tgt Ion:101 Resp: 1619
 Ion Ratio Lower Upper
 101 100
 103 41.7 51.9 77.9#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 935.374 ug/l
 RT: 3.900 min Scan# 341
 Delta R.T. 0.001 min
 Lab File: VY017301.D
 Acq: 07 Feb 2024 19:59

Tgt Ion:101 Resp: 155361
 Ion Ratio Lower Upper
 101 100
 85 46.9 35.8 53.6
 151 70.3 58.6 88.0

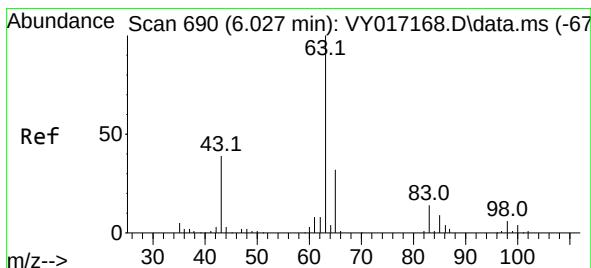
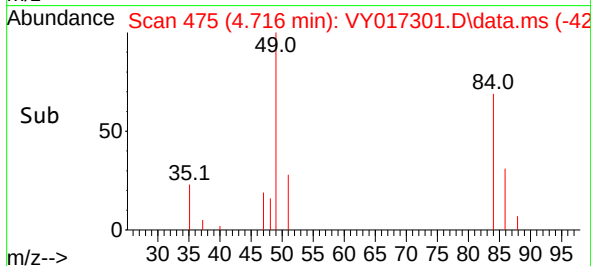
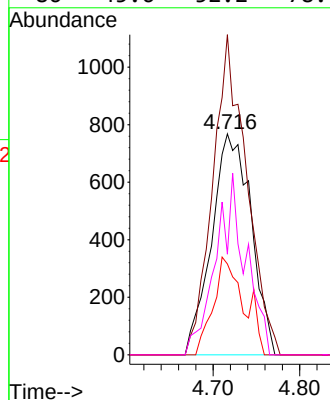
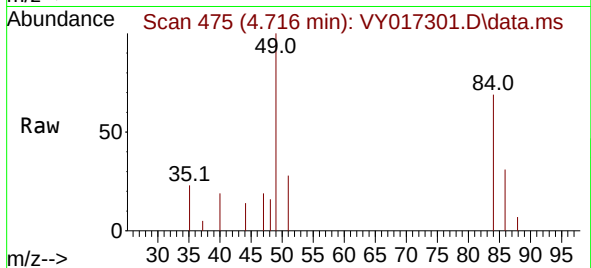




#20
Methylene Chloride
Concen: 11.367 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

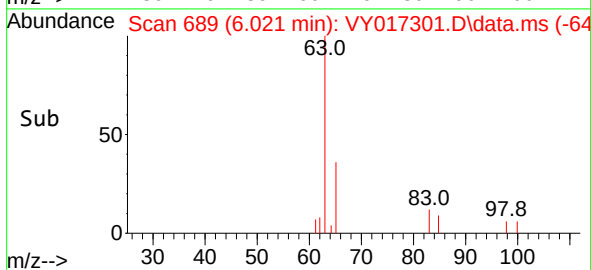
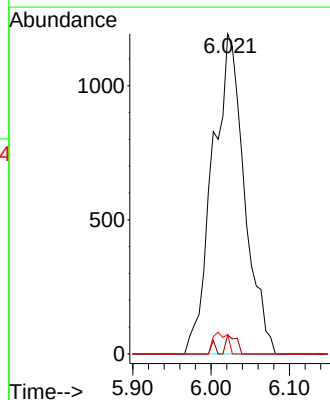
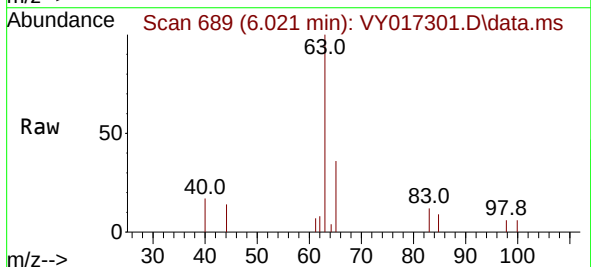
Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20240205RE

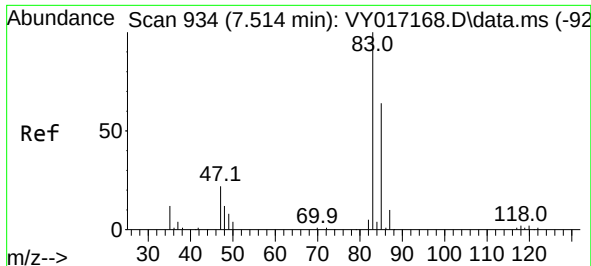
Tgt Ion:	84	Resp:	2430
Ion	Ratio	Lower	Upper
84	100		
49	144.9	95.2	142.8#
51	41.1	29.9	44.9
86	45.6	52.2	78.4#



#24
1,1-Dichloroethane
Concen: 10.657 ug/l
RT: 6.021 min Scan# 689
Delta R.T. -0.006 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

Tgt Ion:	63	Resp:	3373
Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.8	11.4
100	6.1	2.1	6.2

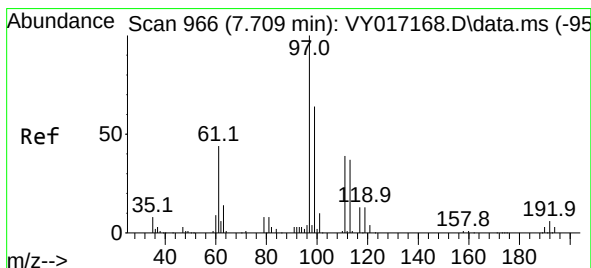
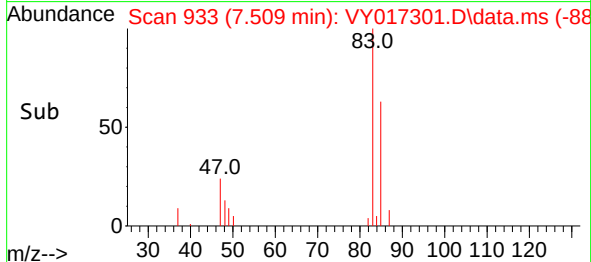
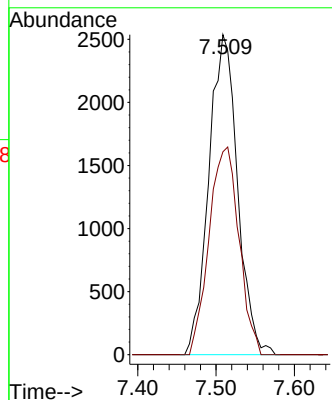
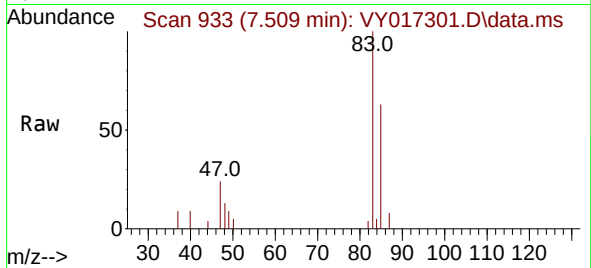




#30
Chloroform
Concen: 20.345 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

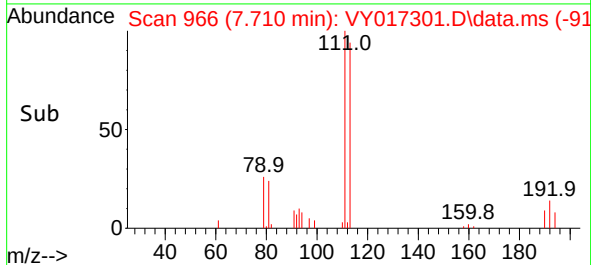
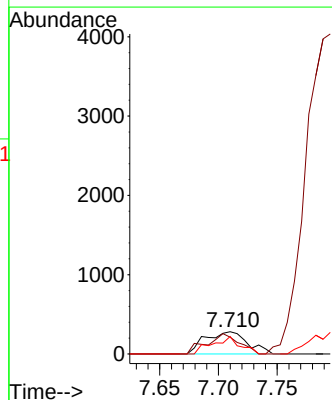
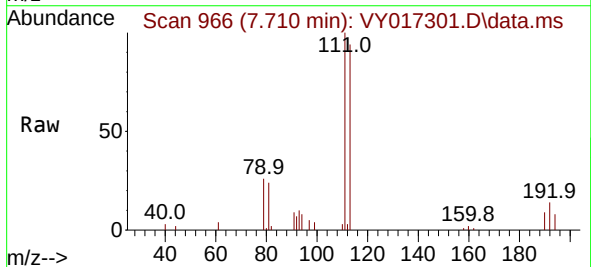
Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20240205RE

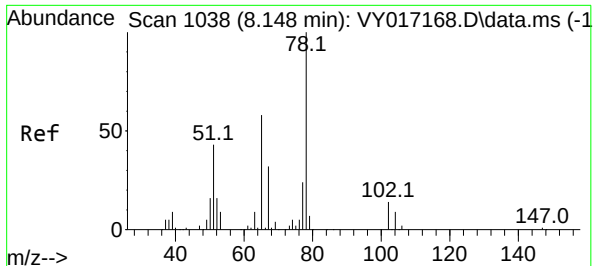
Tgt Ion: 83 Resp: 6478
Ion Ratio Lower Upper
83 100
85 63.4 51.2 76.8



#32
1,1,1-Trichloroethane
Concen: 2.578 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

Tgt Ion: 97 Resp: 706
Ion Ratio Lower Upper
97 100
99 70.1 51.2 76.8
61 51.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 111.961 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017301.D

Acq: 07 Feb 2024 19:59

Instrument :

MSVOA_Y

ClientSampleId :

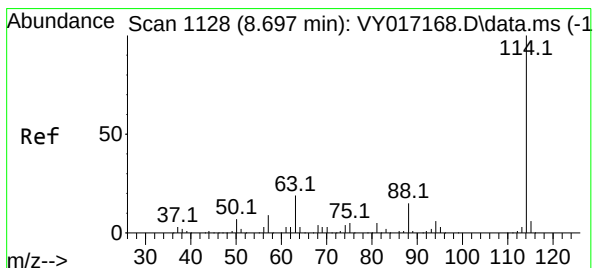
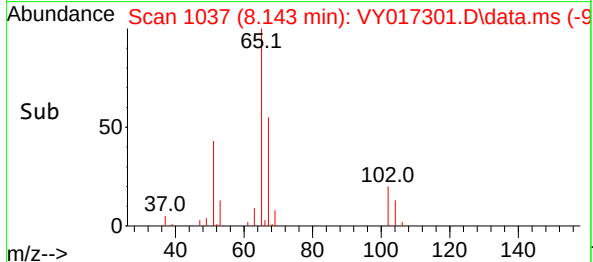
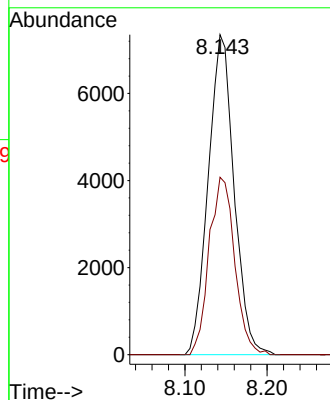
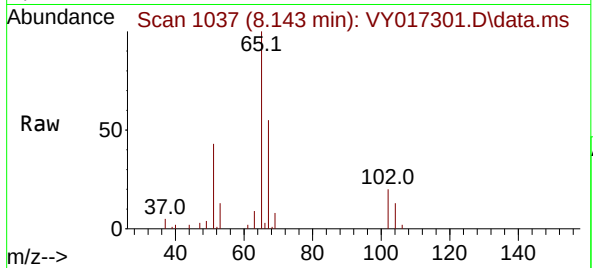
RE137-CARBON-20240205RE

Tgt Ion: 65 Resp: 16059

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017301.D

Acq: 07 Feb 2024 19:59

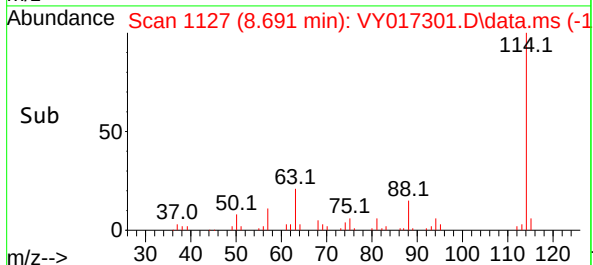
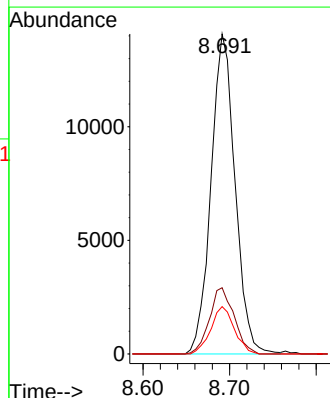
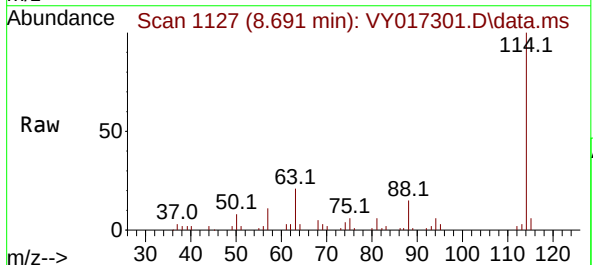
Tgt Ion: 114 Resp: 27144

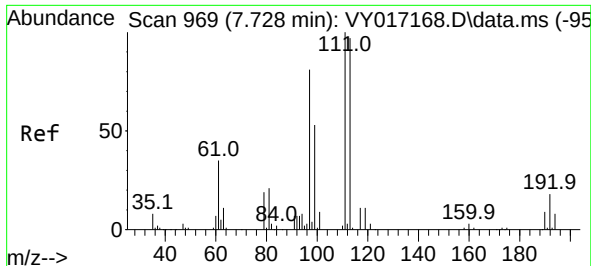
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.8 0.0 29.0

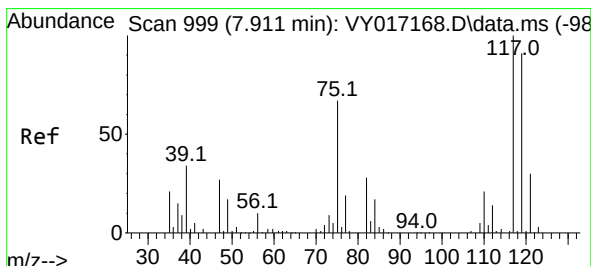
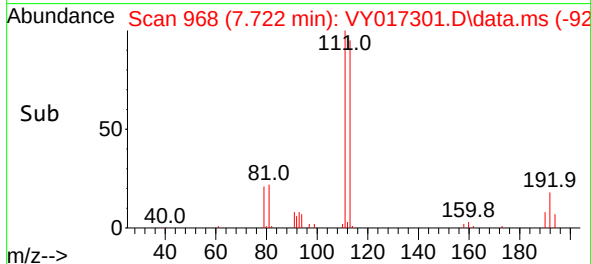
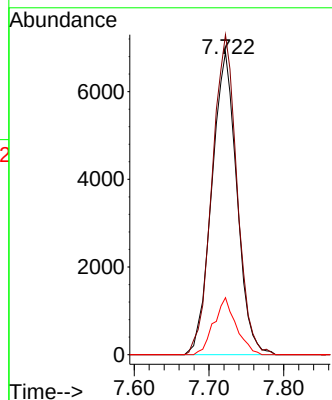
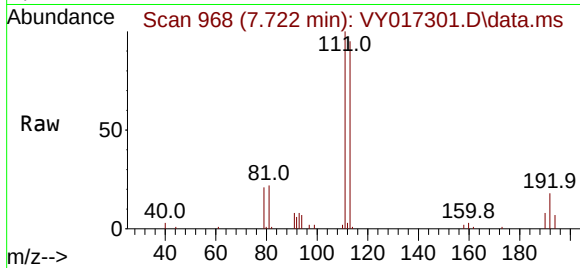




#35
Dibromofluoromethane
Concen: 109.818 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

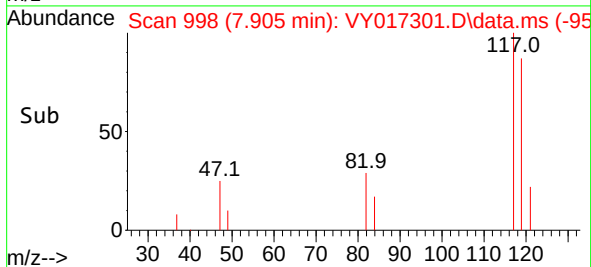
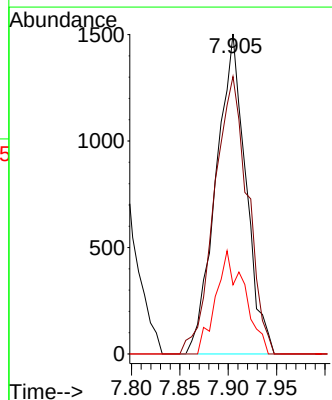
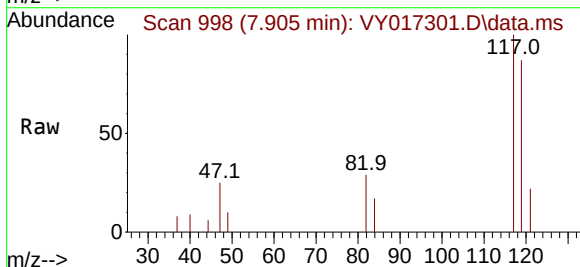
Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20240205RE

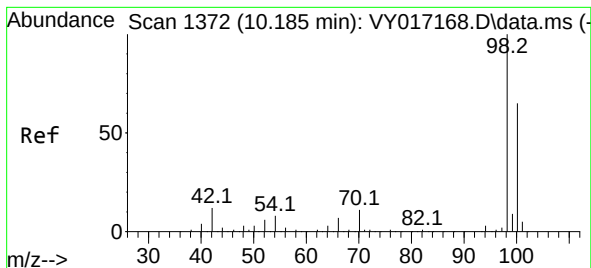
Tgt Ion:113 Resp: 16095
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 16.8 14.5 21.7



#38
Carbon Tetrachloride
Concen: 13.311 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

Tgt Ion:117 Resp: 3222
Ion Ratio Lower Upper
117 100
119 86.7 76.0 114.0
121 21.6 24.2 36.2#

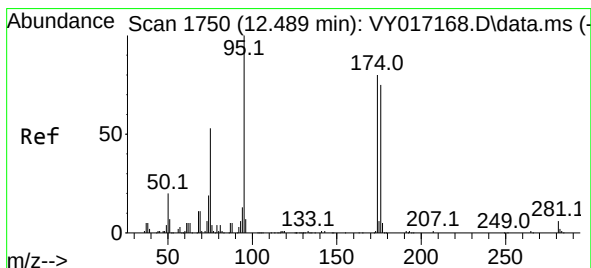
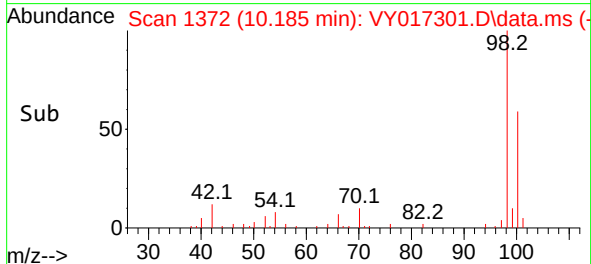
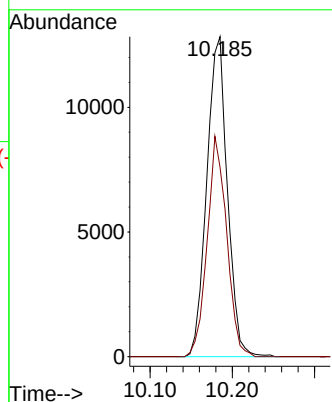
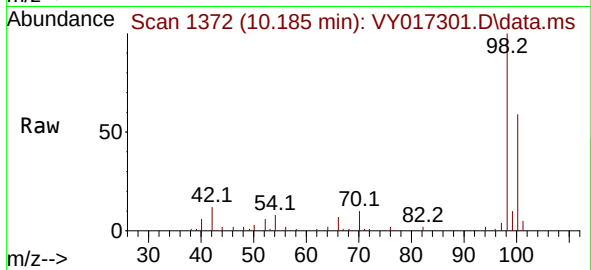




#50
Toluene-d8
Concen: 41.789 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

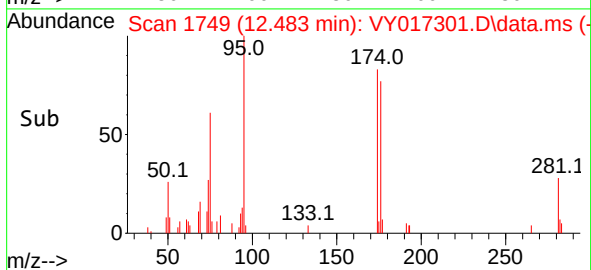
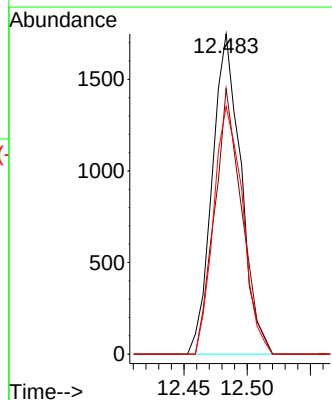
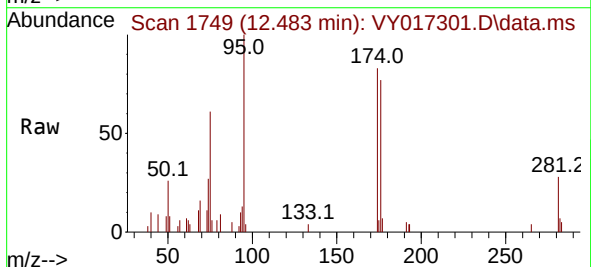
Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20240205RE

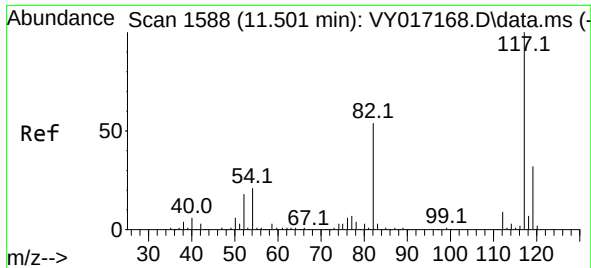
Tgt Ion: 98 Resp: 22299
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 15.681 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

Tgt Ion: 95 Resp: 2741
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 78.9 0.0 151.8

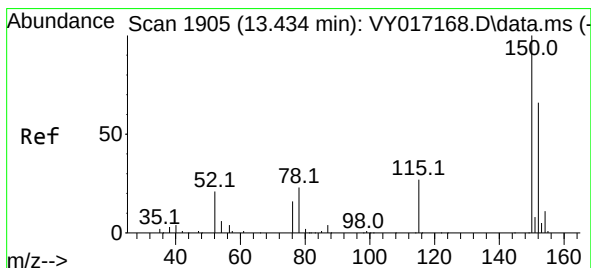
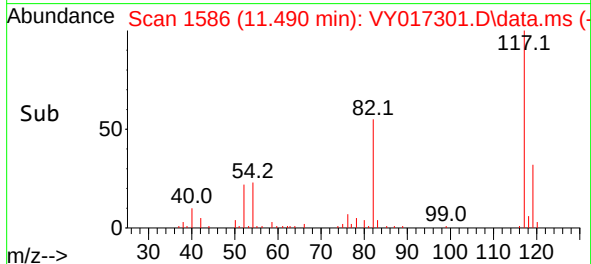
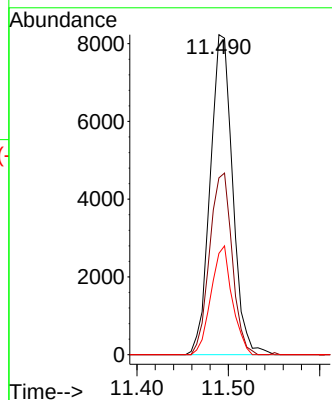
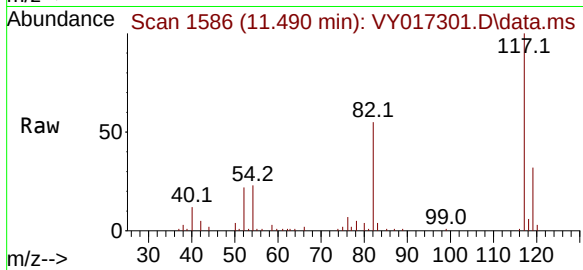




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

Instrument :
MSVOA_Y
ClientSampleId :
RE137-CARBON-20240205RE

Tgt Ion:117 Resp: 14002
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017301.D
Acq: 07 Feb 2024 19:59

Tgt Ion:152 Resp: 2405
Ion Ratio Lower Upper
152 100
115 55.2 30.0 90.0
150 152.4 0.0 344.6

