

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014537.D
 Acq On : 03 Jul 2023 15:56
 Operator : KP/MD
 Sample : 03510-14
 Misc : 12.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-10-G

Quant Time: Jul 04 03:02:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

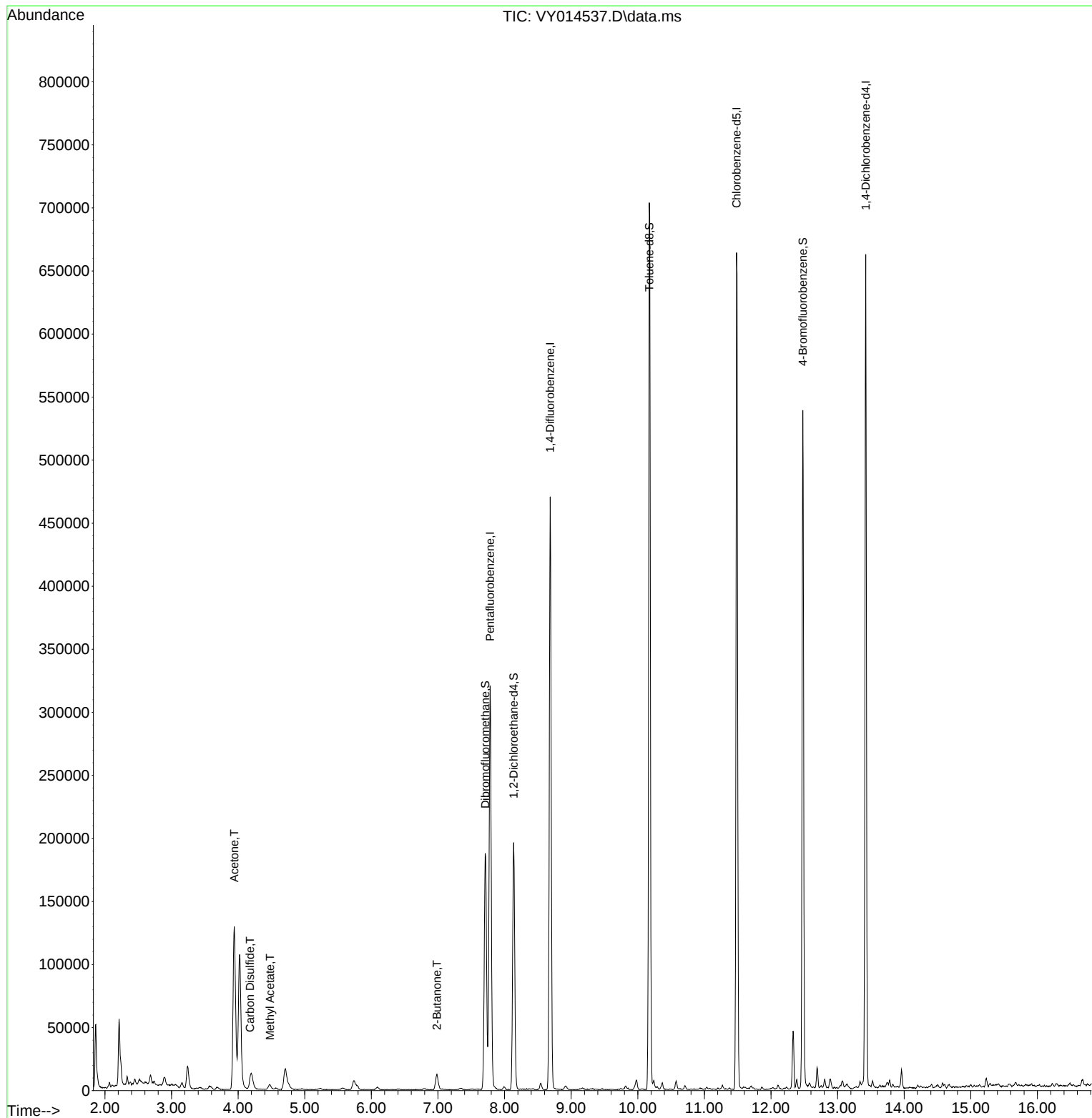
Internal Standards						
1) Pentafluorobenzene	7.783	168	272888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	426668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	402346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	182740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	152952	56.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.680%
35) Dibromofluoromethane	7.710	113	137991	52.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.040%
50) Toluene-d8	10.173	98	504535	48.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.477	95	162847	45.152	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.300%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	221703	261.516	ug/l	# 83
17) Carbon Disulfide	4.180	76	13502	1.731	ug/l	99
18) Methyl Acetate	4.479	43	8258	2.140	ug/l	91
25) 2-Butanone	6.984	43	18369	14.634	ug/l	91

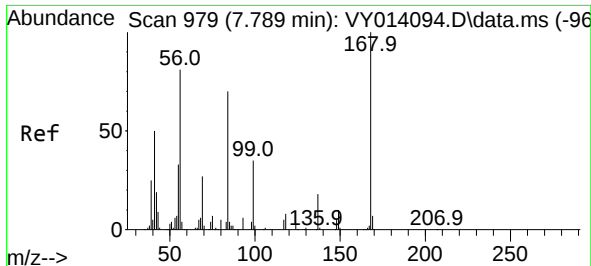
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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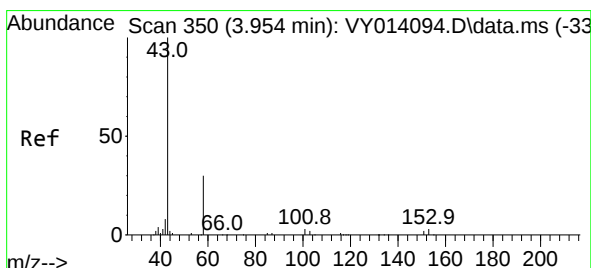
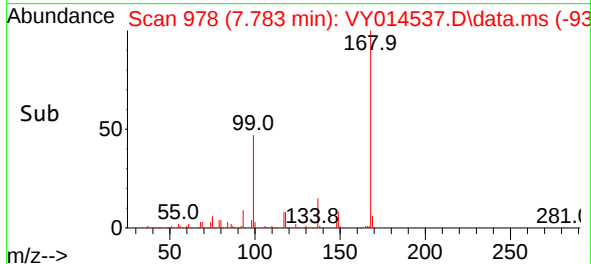
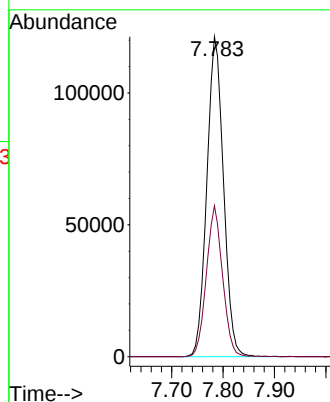
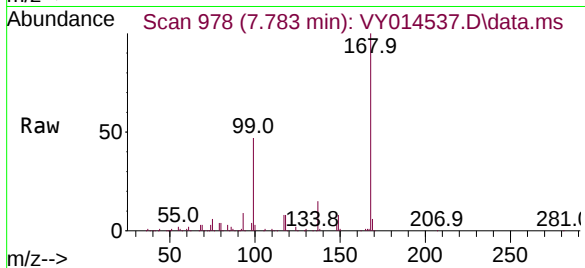




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

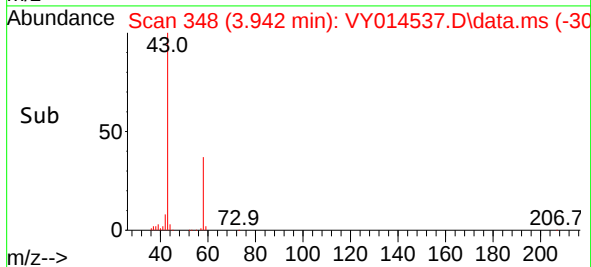
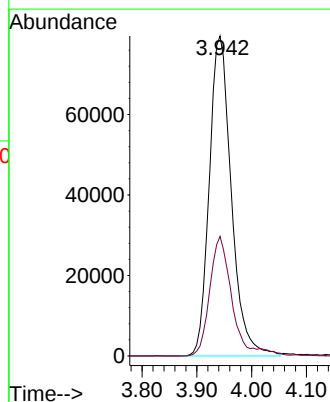
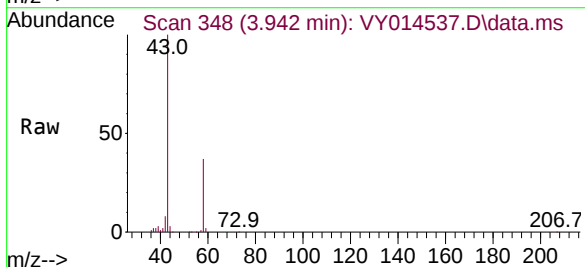
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

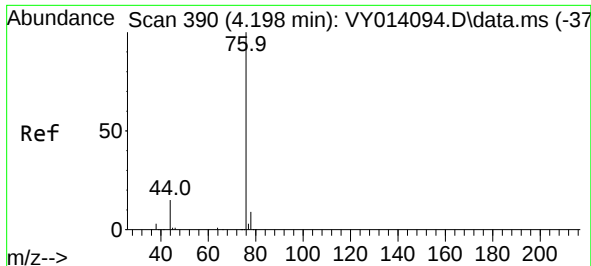
Tgt Ion:168 Resp: 272888
Ion Ratio Lower Upper
168 100
99 47.1 43.4 65.0



#16
Acetone
Concen: 261.516 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 43 Resp: 221703
Ion Ratio Lower Upper
43 100
58 37.4 22.7 34.1#

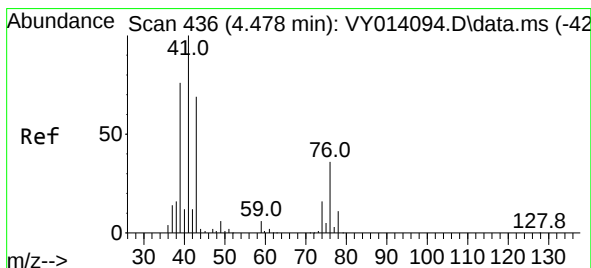
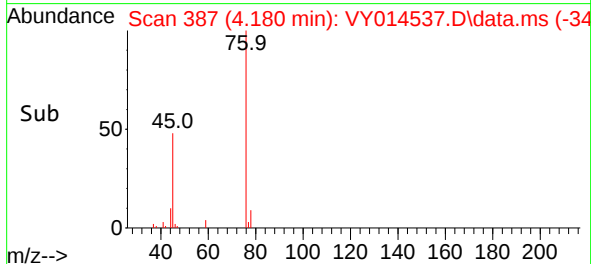
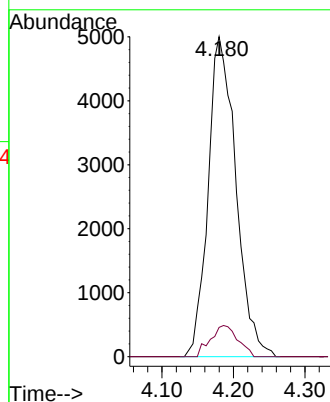
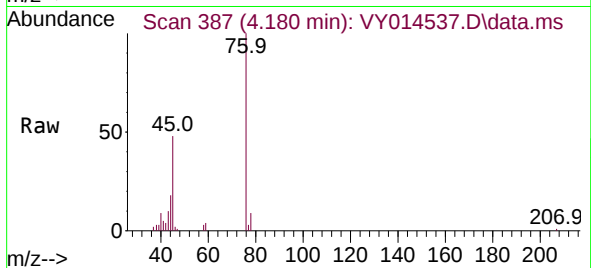




#17
Carbon Disulfide
Concen: 1.731 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

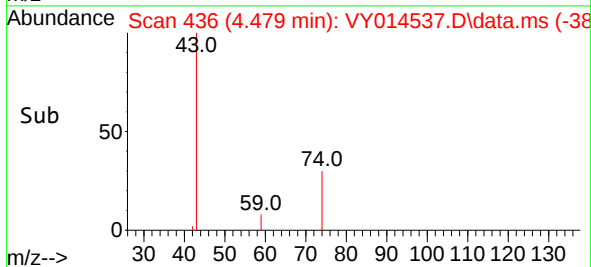
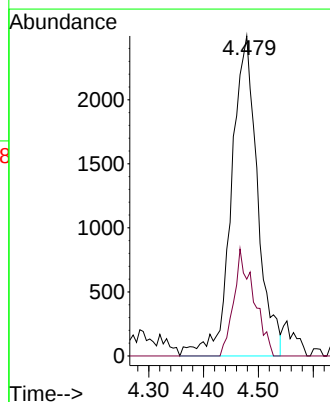
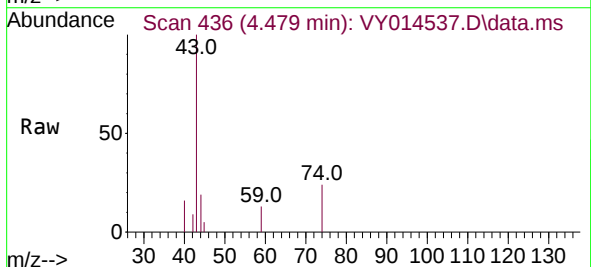
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

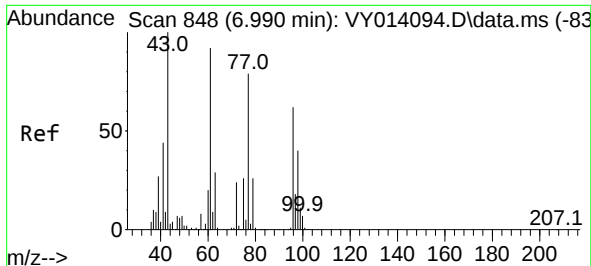
Tgt Ion: 76 Resp: 13502
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 2.140 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 43 Resp: 8258
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0

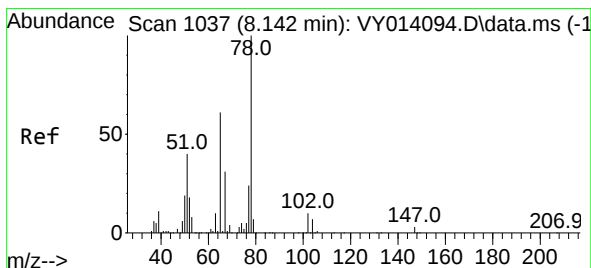
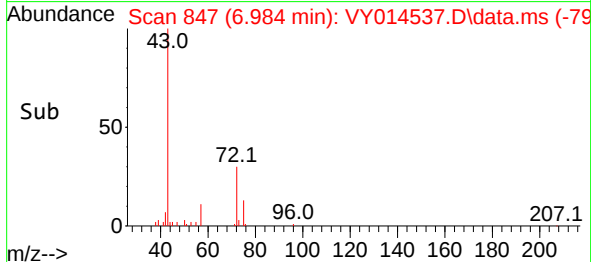
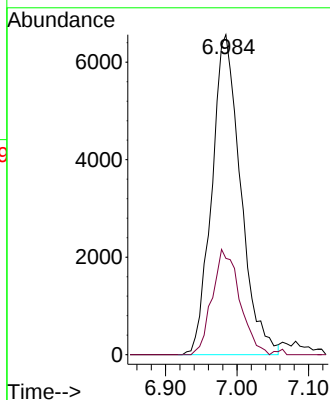
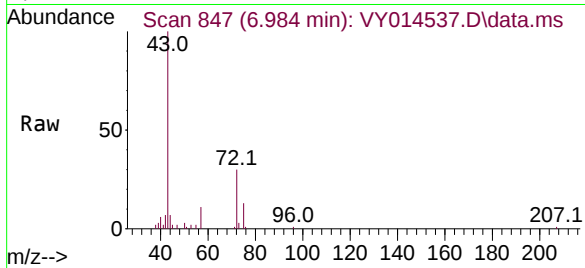




#25
2-Butanone
Concen: 14.634 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

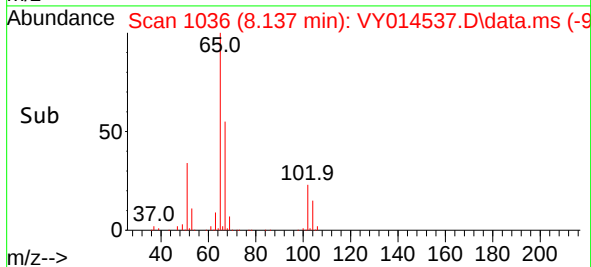
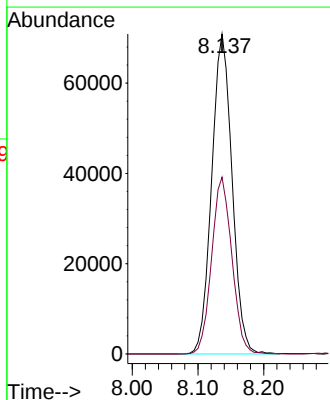
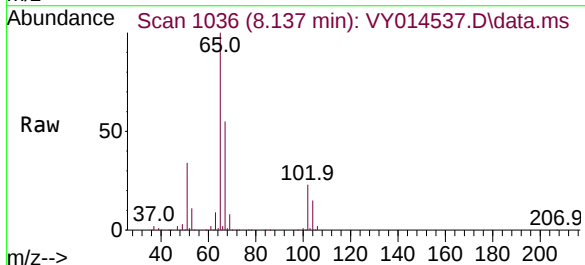
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

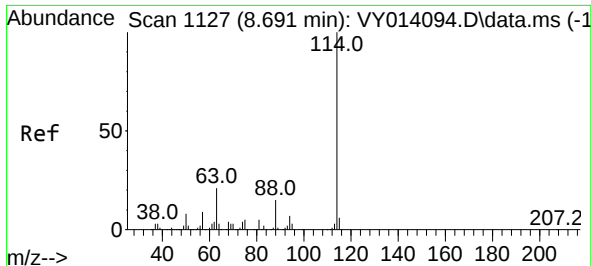
Tgt Ion: 43 Resp: 18369
Ion Ratio Lower Upper
43 100
72 30.1 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 56.343 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 65 Resp: 152952
Ion Ratio Lower Upper
65 100
67 54.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014537.D

Acq: 03 Jul 2023 15:56

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-10-G

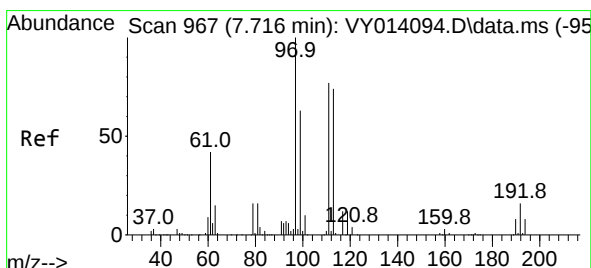
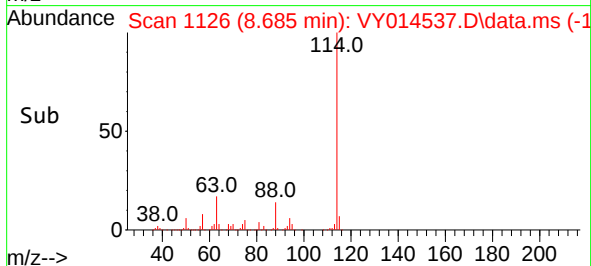
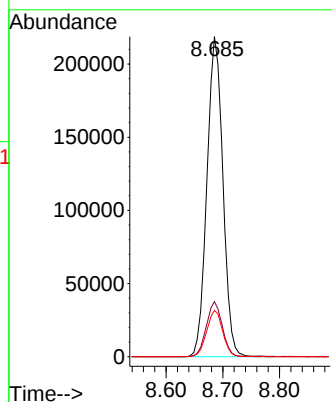
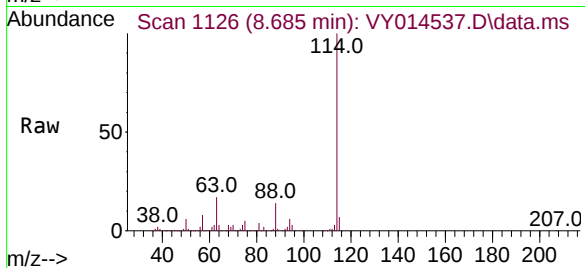
Tgt Ion:114 Resp: 426668

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.519 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014537.D

Acq: 03 Jul 2023 15:56

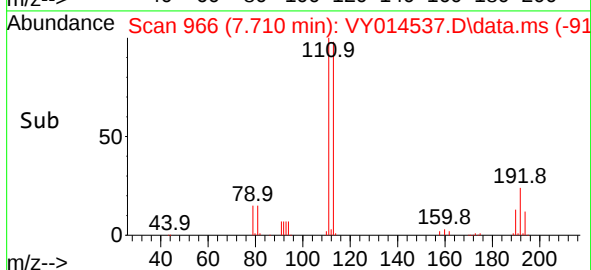
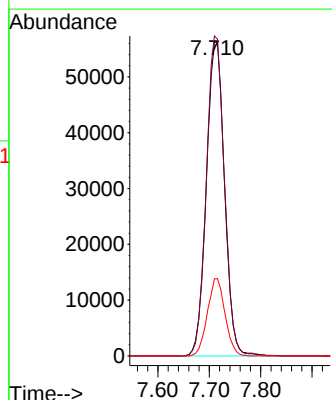
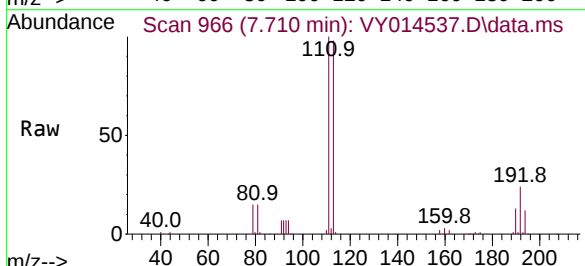
Tgt Ion:113 Resp: 137991

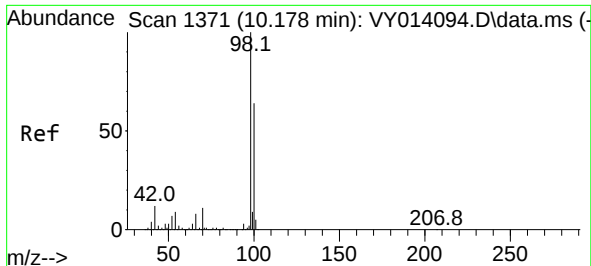
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 24.0 16.9 25.3

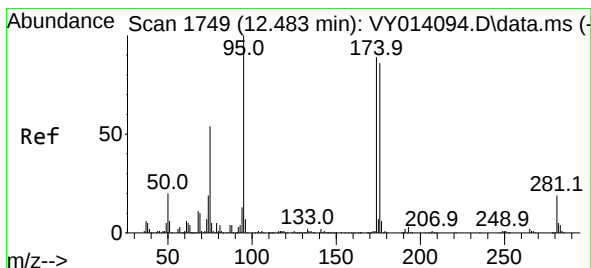
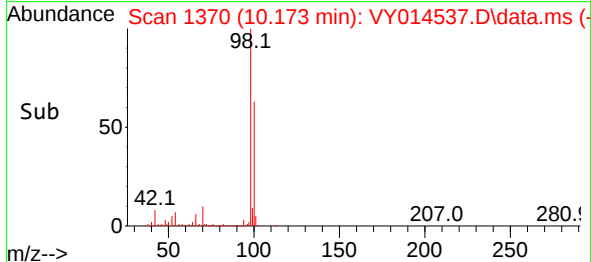
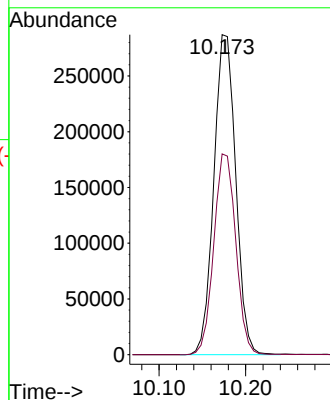
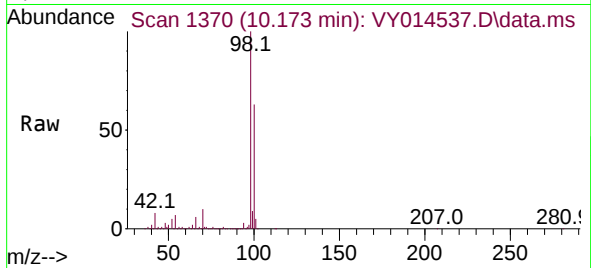




#50
Toluene-d8
Concen: 48.576 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

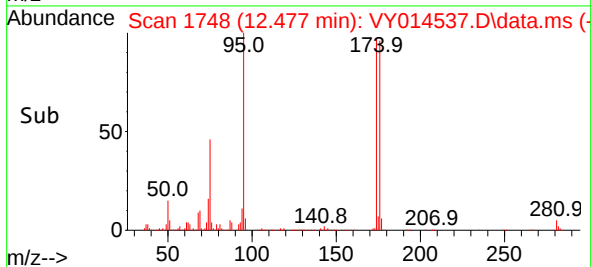
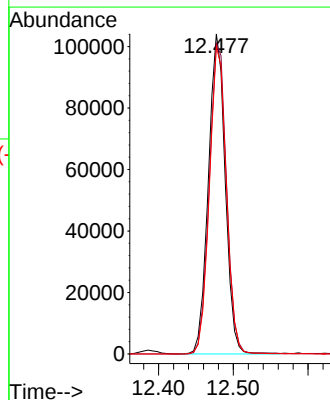
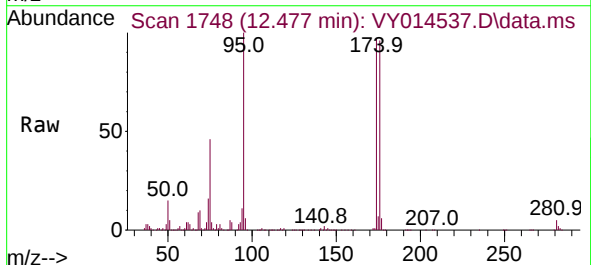
Instrument :
MSVOA_Y
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WC-WWS-10-G

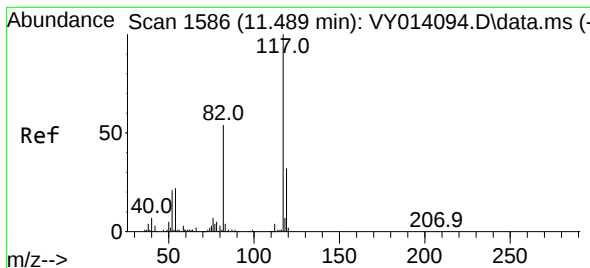
Tgt Ion: 98 Resp: 504535
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.152 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 95 Resp: 162847
Ion Ratio Lower Upper
95 100
174 99.5 0.0 178.2
176 96.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.005 min

Lab File: VY014537.D

Acq: 03 Jul 2023 15:56

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-10-G

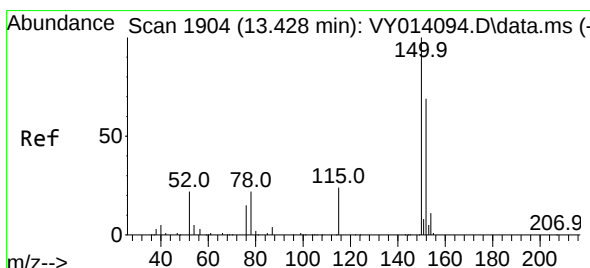
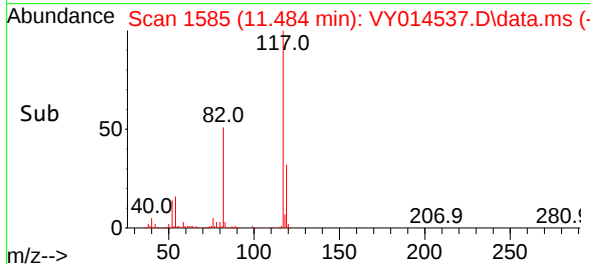
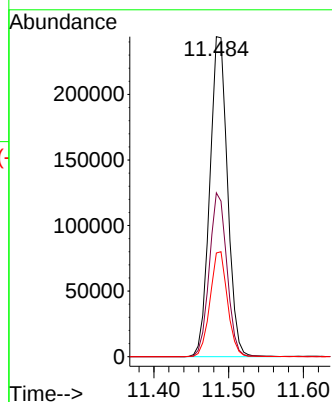
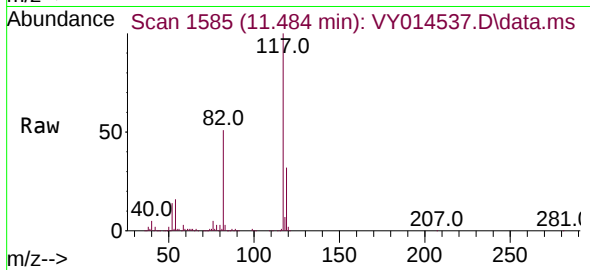
Tgt Ion:117 Resp: 402346

Ion Ratio Lower Upper

117 100

82 51.2 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014537.D

Acq: 03 Jul 2023 15:56

Tgt Ion:152 Resp: 182740

Ion Ratio Lower Upper

152 100

115 53.9 28.8 86.5

150 157.6 0.0 348.8

