

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014564.D
 Acq On : 05 Jul 2023 17:32
 Operator : KP/MD
 Sample : 03510-14
 Misc : 12.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 06 01:35:30 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)

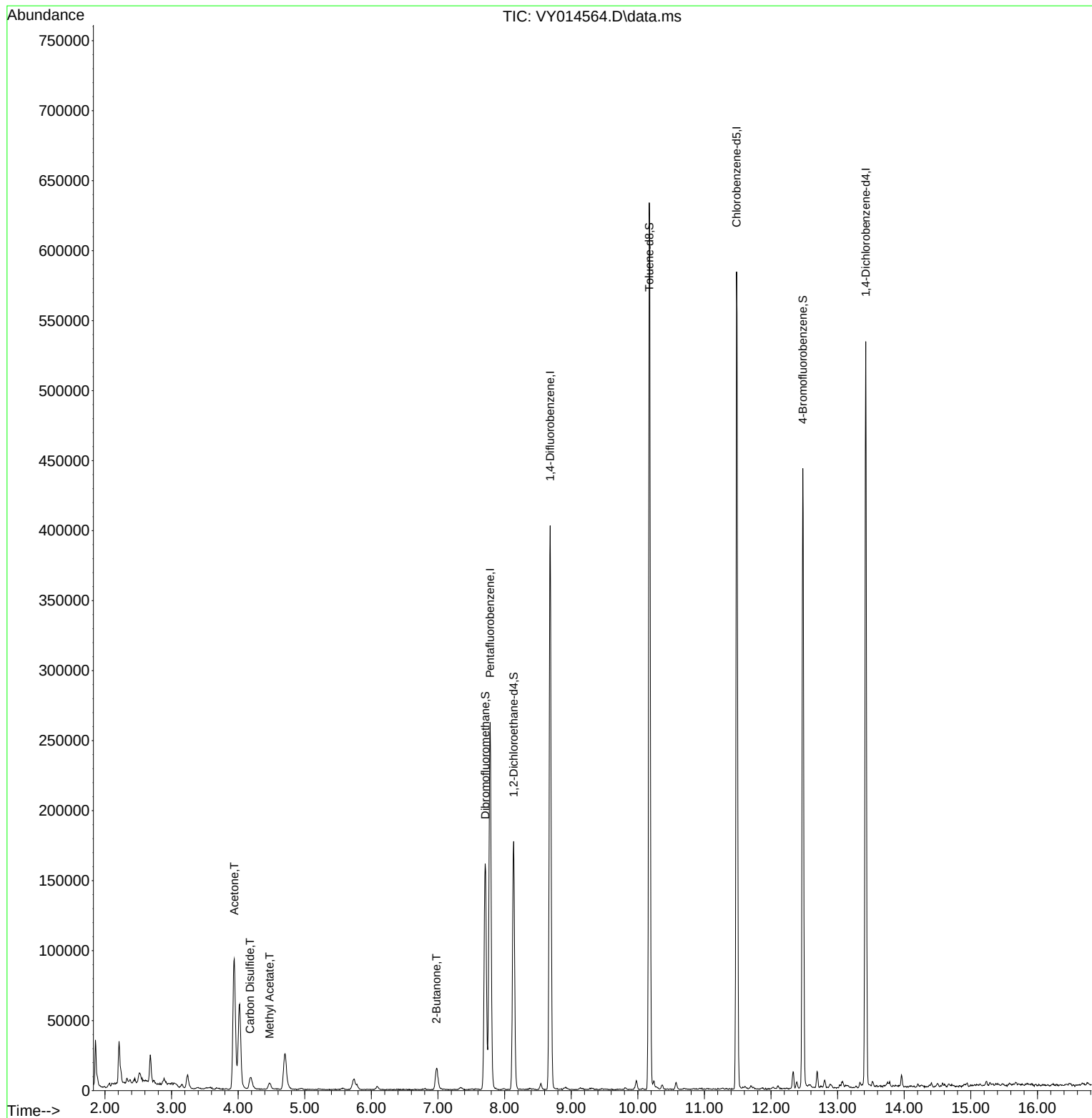
Internal Standards						
1) Pentafluorobenzene	7.783	168	215260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	355679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	333926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138585	64.718	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 129.440%		
35) Dibromofluoromethane	7.710	113	118887	54.279	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.560%		
50) Toluene-d8	10.173	98	428122	49.445	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 98.900%		
62) 4-Bromofluorobenzene	12.477	95	134854	44.853	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 89.700%		
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	164400	245.839	ug/l #	89
17) Carbon Disulfide	4.180	76	13045	2.120	ug/l #	92
18) Methyl Acetate	4.472	43	8935	2.935	ug/l	97
25) 2-Butanone	6.978	43	24781	25.027	ug/l	98

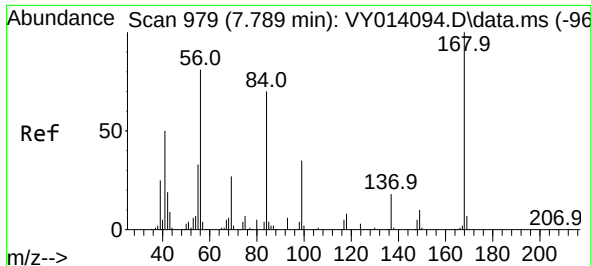
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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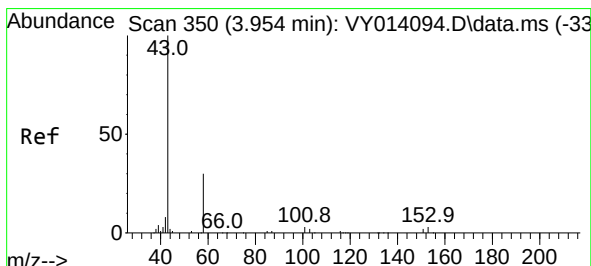
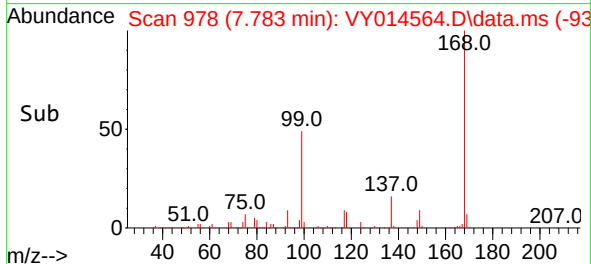
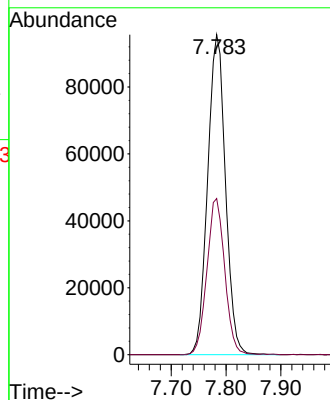
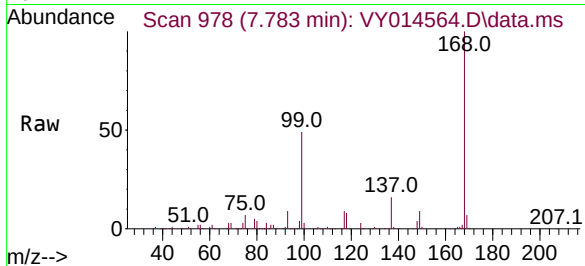




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014564.D
Acq: 05 Jul 2023 17:32

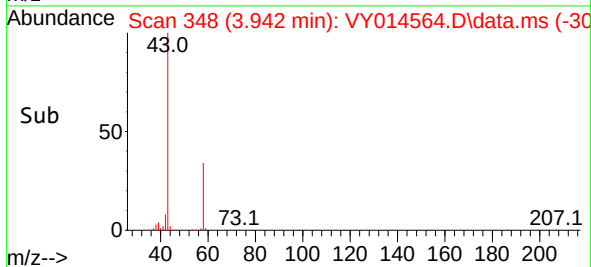
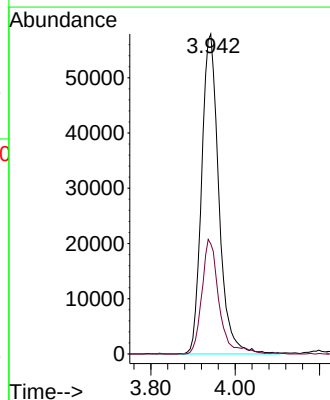
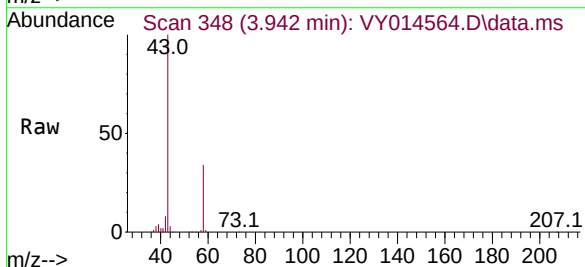
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

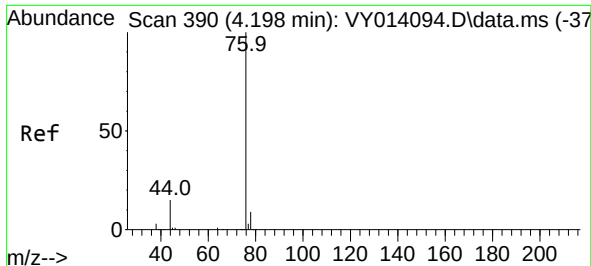
Tgt Ion:168 Resp: 215260
Ion Ratio Lower Upper
168 100
99 48.8 43.4 65.0



#16
Acetone
Concen: 245.839 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014564.D
Acq: 05 Jul 2023 17:32

Tgt Ion: 43 Resp: 164400
Ion Ratio Lower Upper
43 100
58 34.3 22.7 34.1#

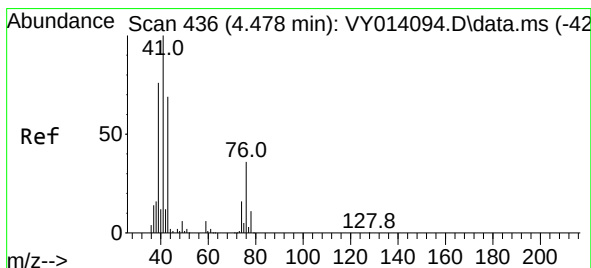
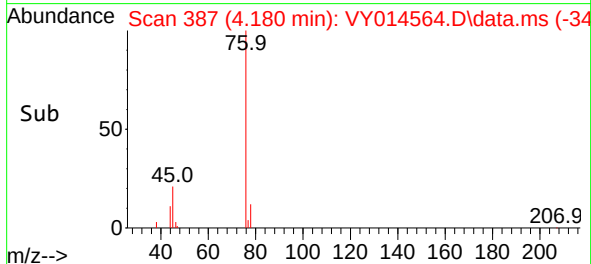
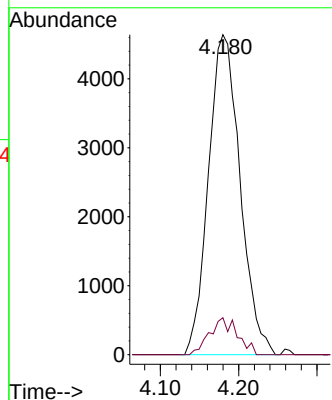
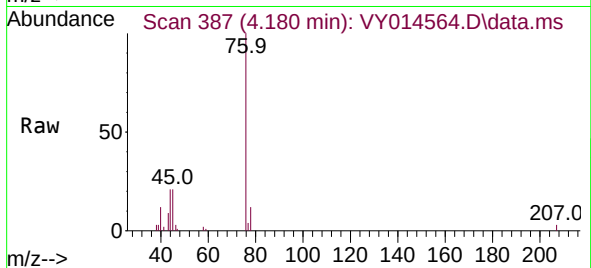




#17
Carbon Disulfide
Concen: 2.120 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014564.D
Acq: 05 Jul 2023 17:32

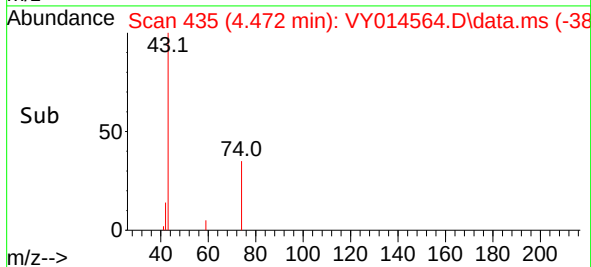
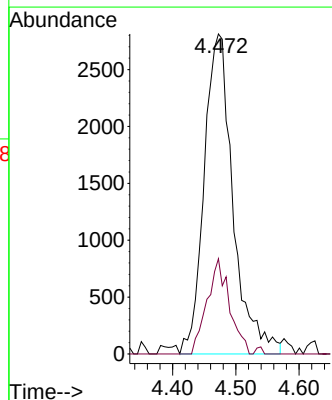
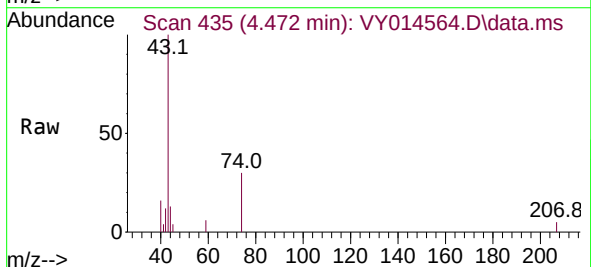
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

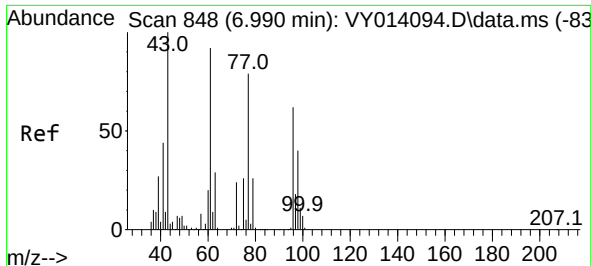
Tgt Ion: 76 Resp: 13045
Ion Ratio Lower Upper
76 100
78 11.6 7.0 10.4#



#18
Methyl Acetate
Concen: 2.935 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014564.D
Acq: 05 Jul 2023 17:32

Tgt Ion: 43 Resp: 8935
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0

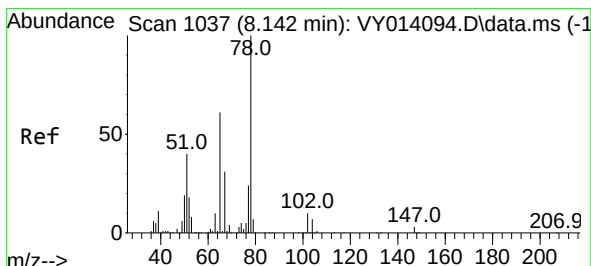
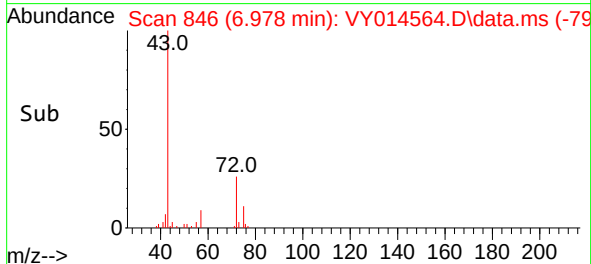
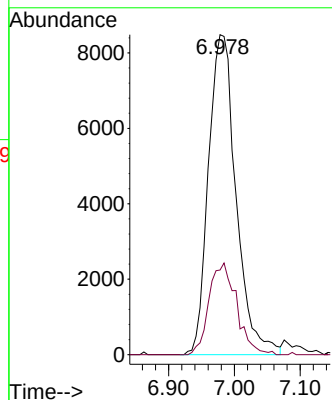
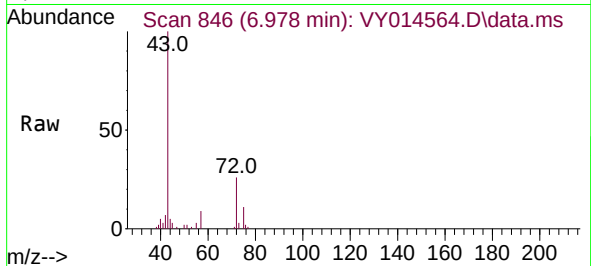




#25
2-Butanone
Concen: 25.027 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014564.D
Acq: 05 Jul 2023 17:32

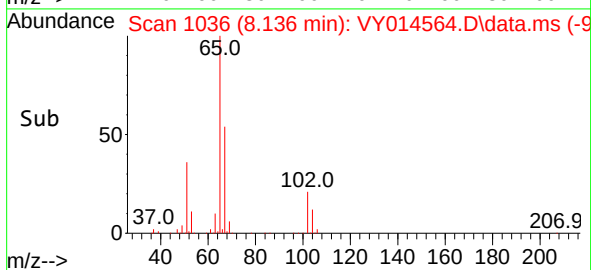
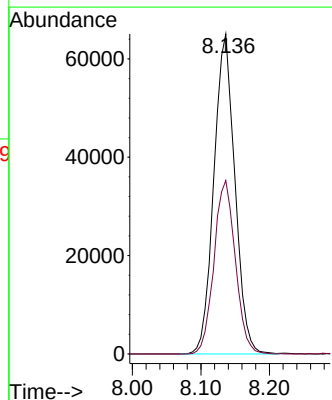
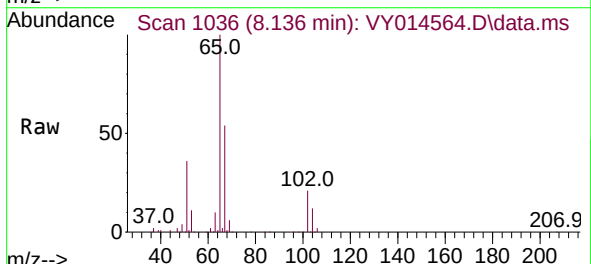
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

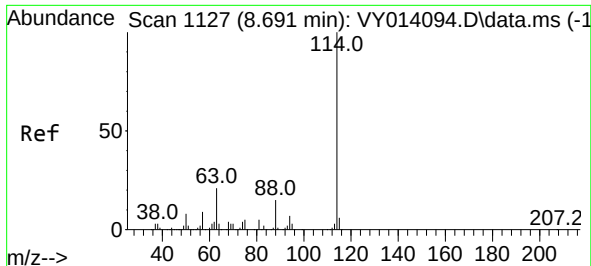
Tgt Ion: 43 Resp: 24781
Ion Ratio Lower Upper
43 100
72 26.4 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 64.718 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014564.D
Acq: 05 Jul 2023 17:32

Tgt Ion: 65 Resp: 138585
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: VY014564.D

Acq: 05 Jul 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-10-G

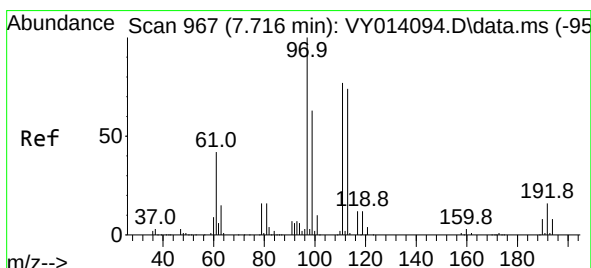
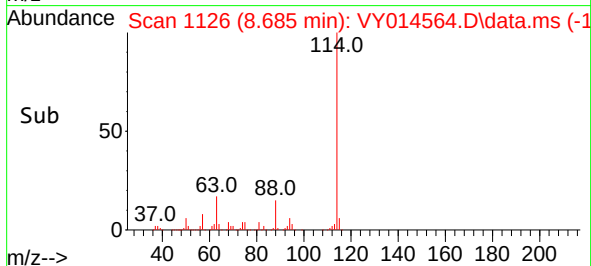
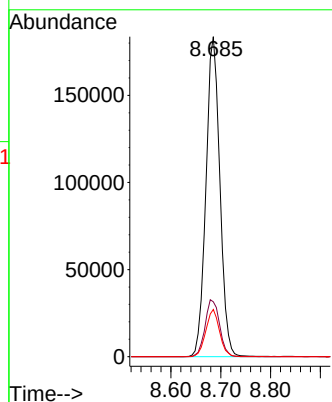
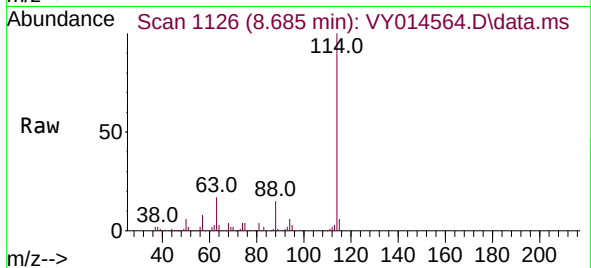
Tgt Ion:114 Resp: 355679

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.279 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014564.D

Acq: 05 Jul 2023 17:32

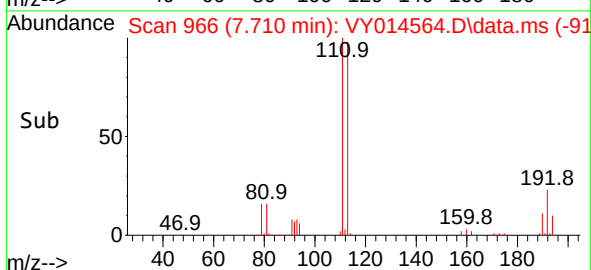
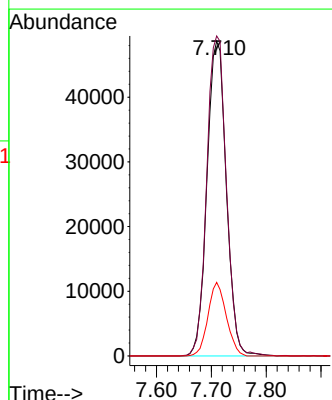
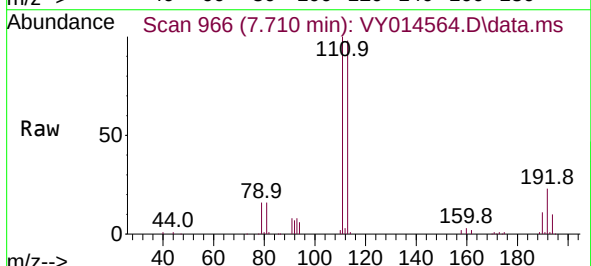
Tgt Ion:113 Resp: 118887

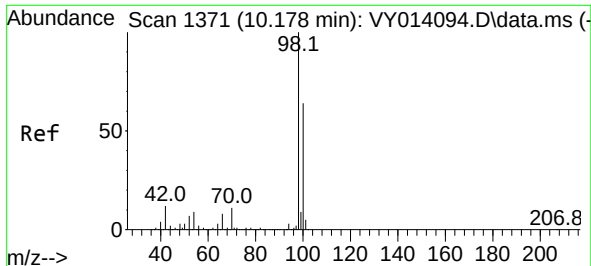
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 22.1 16.9 25.3

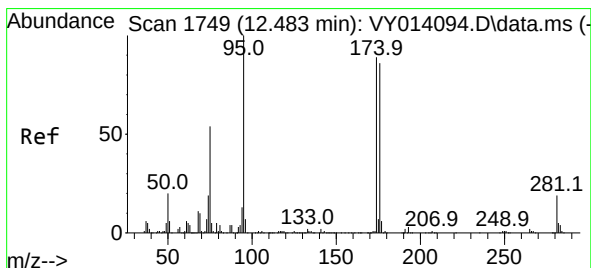
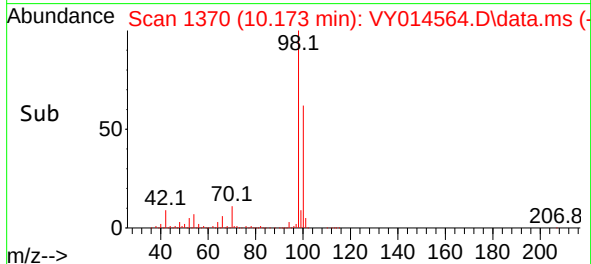
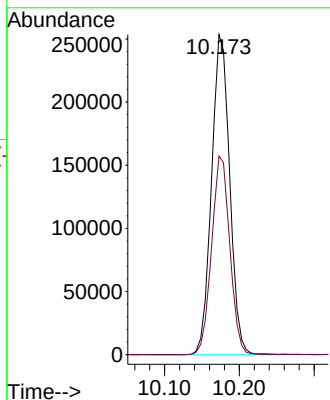
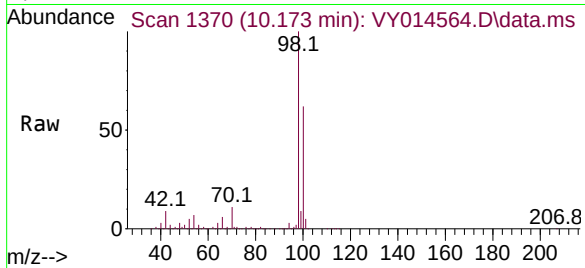




#50
Toluene-d8
Concen: 49.445 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014564.D
Acq: 05 Jul 2023 17:32

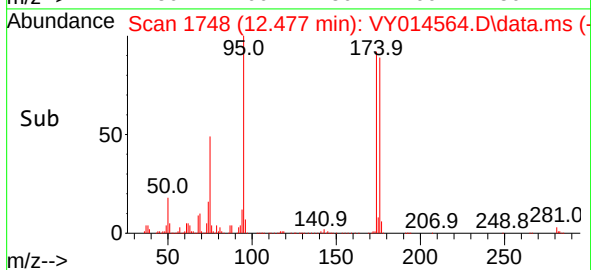
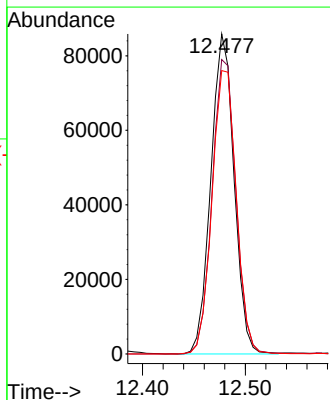
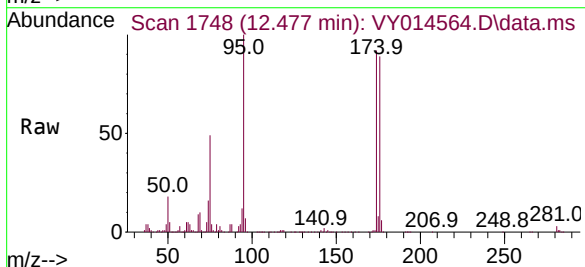
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

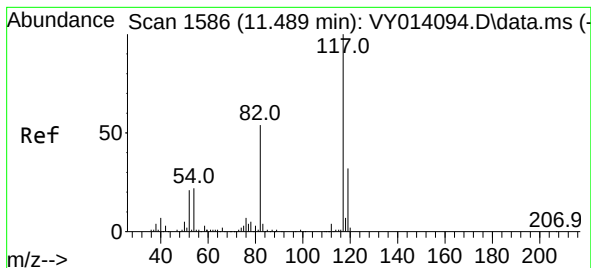
Tgt Ion: 98 Resp: 428122
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.853 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014564.D
Acq: 05 Jul 2023 17:32

Tgt Ion: 95 Resp: 134854
Ion Ratio Lower Upper
95 100
174 94.0 0.0 178.2
176 92.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014564.D

Acq: 05 Jul 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-10-G

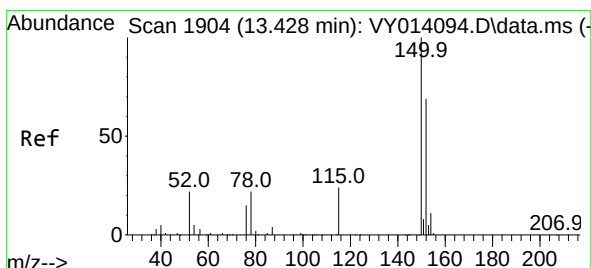
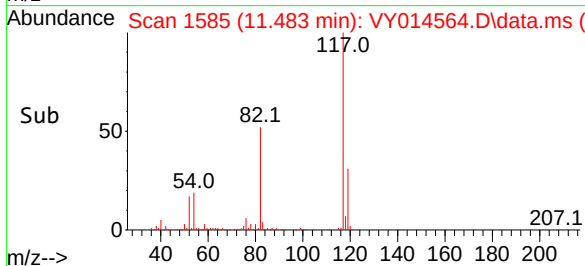
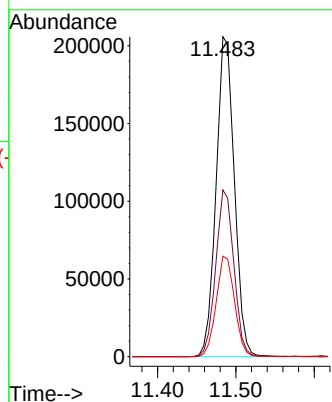
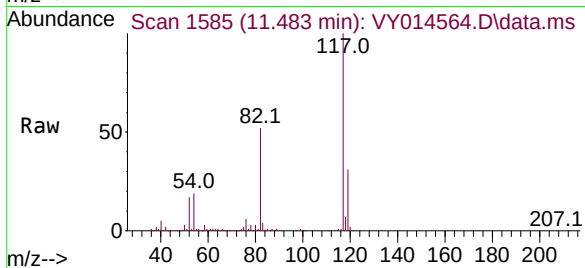
Tgt Ion:117 Resp: 333926

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 31.4 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: VY014564.D

Acq: 05 Jul 2023 17:32

Tgt Ion:152 Resp: 144536

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 156.7 0.0 348.8

