

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014566.D
 Acq On : 05 Jul 2023 18:19
 Operator : KP/MD
 Sample : 03509-04
 Misc : 9.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-01-G

Quant Time: Jul 06 01:36:19 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)

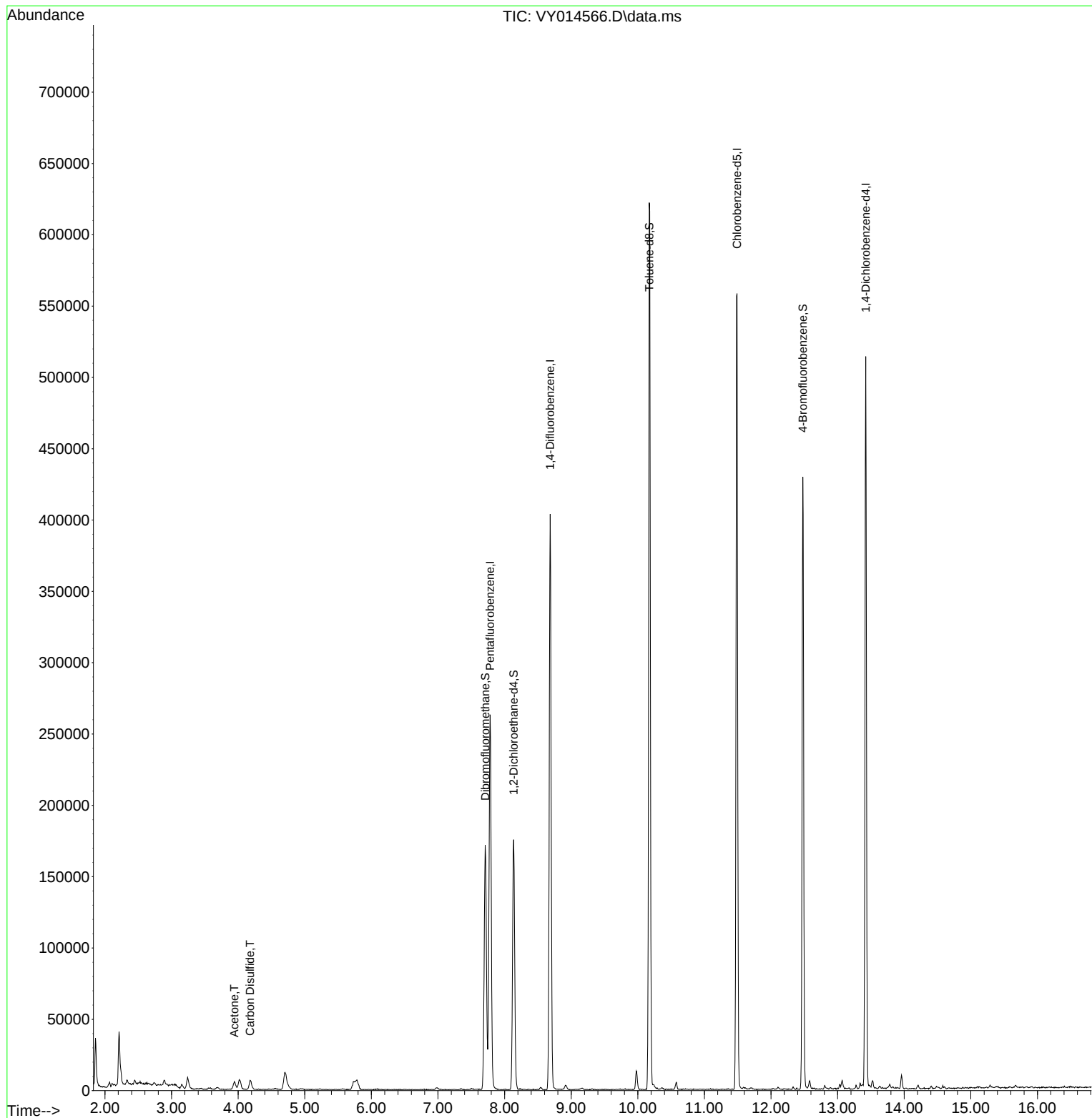
Internal Standards						
1) Pentafluorobenzene	7.783	168	222149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	333068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141041	63.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.640%
35) Dibromofluoromethane	7.710	113	121155	54.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.980%
50) Toluene-d8	10.173	98	434573	49.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.477	95	128559	42.507	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.020%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	9331	13.521	ug/l #	85
17) Carbon Disulfide	4.180	76	12539	1.975	ug/l	97

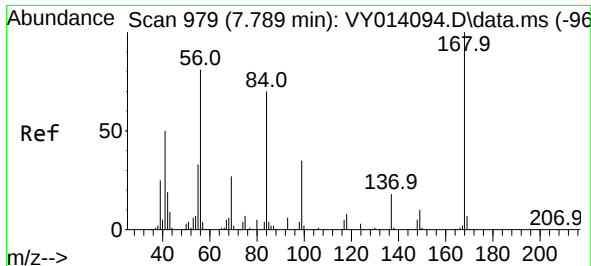
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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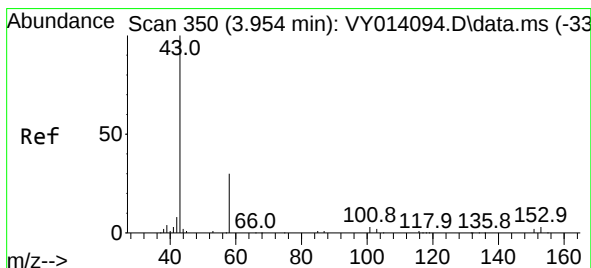
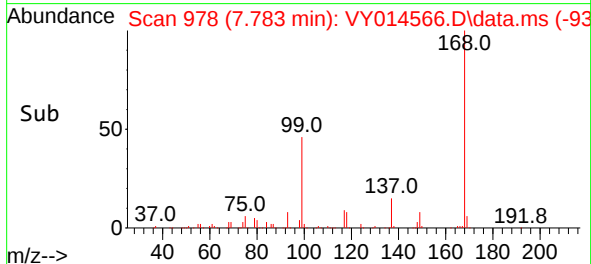
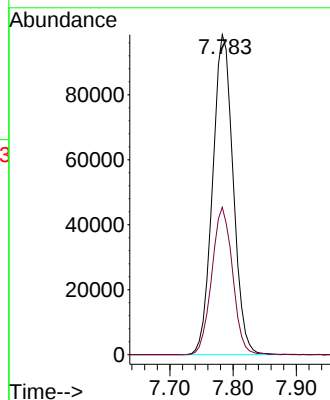
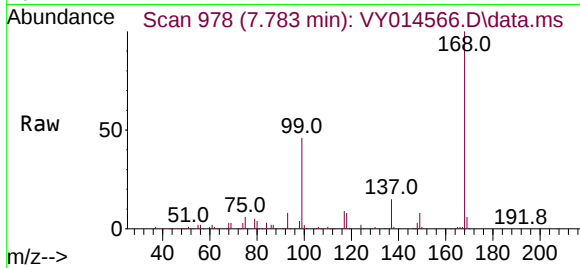




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

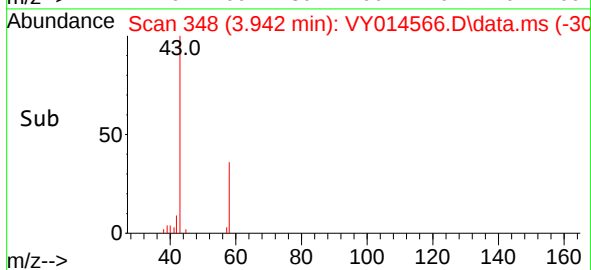
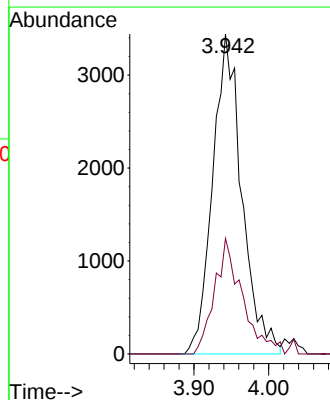
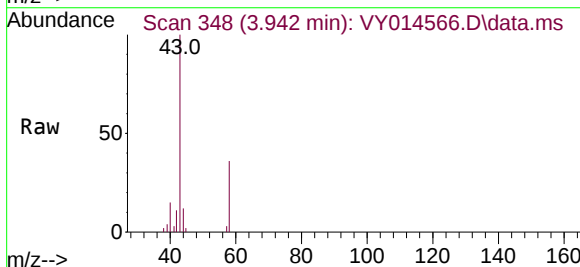
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-01-G

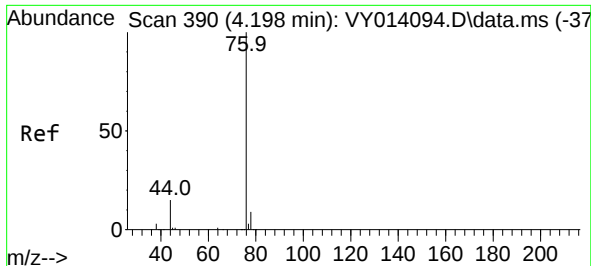
Tgt Ion:168 Resp: 222149
Ion Ratio Lower Upper
168 100
99 46.0 43.4 65.0



#16
Acetone
Concen: 13.521 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

Tgt Ion: 43 Resp: 9331
Ion Ratio Lower Upper
43 100
58 36.1 22.7 34.1#

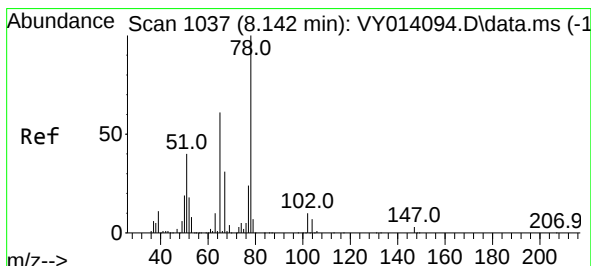
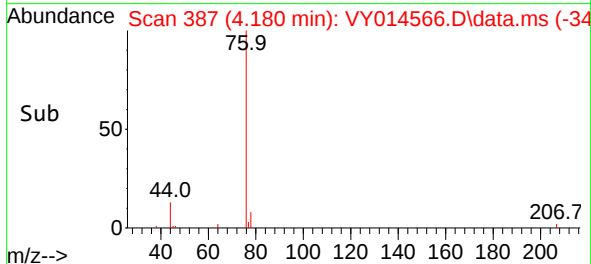
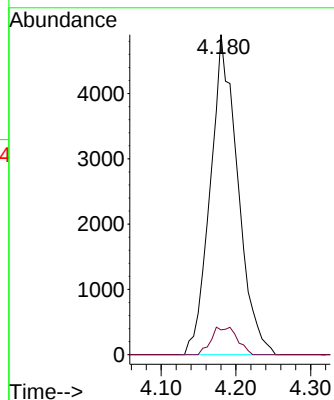
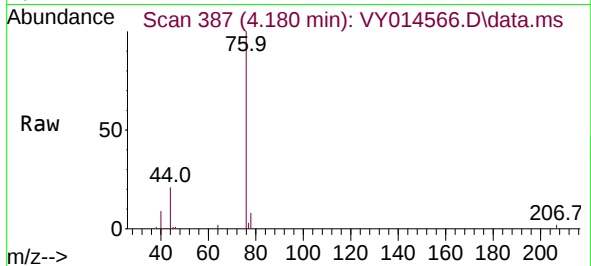




#17
Carbon Disulfide
Concen: 1.975 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

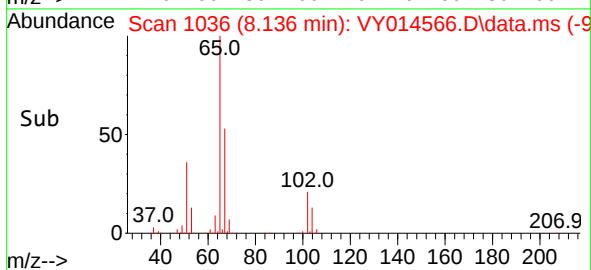
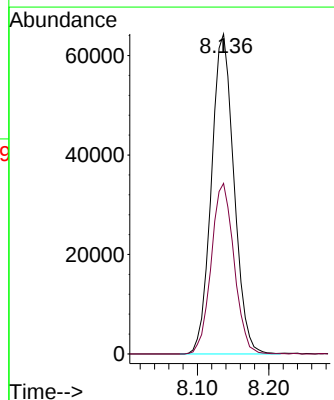
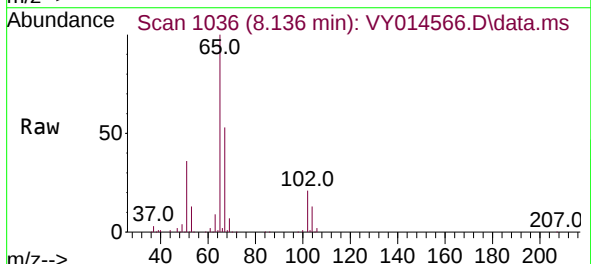
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-01-G

Tgt Ion: 76 Resp: 12539
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 63.822 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

Tgt Ion: 65 Resp: 141041
Ion Ratio Lower Upper
65 100
67 53.9 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: VY014566.D

Acq: 05 Jul 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-01-G

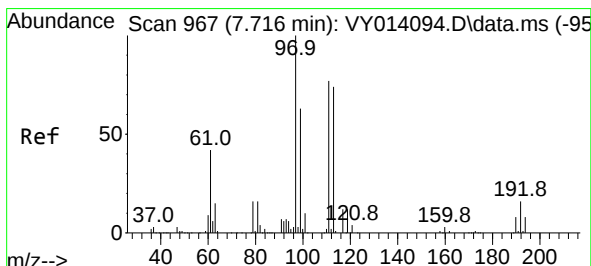
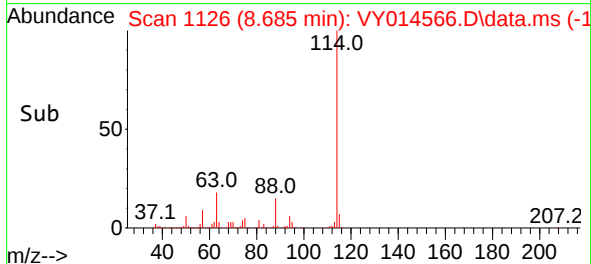
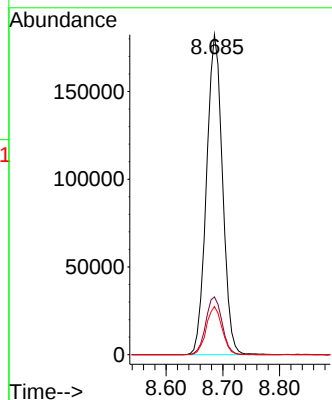
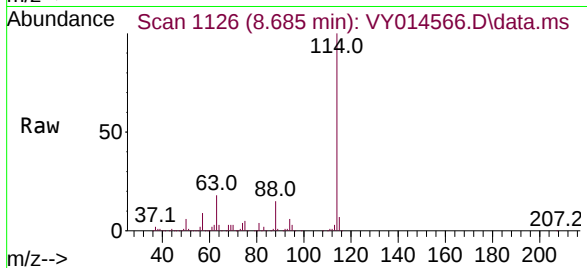
Tgt Ion:114 Resp: 357790

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.988 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014566.D

Acq: 05 Jul 2023 18:19

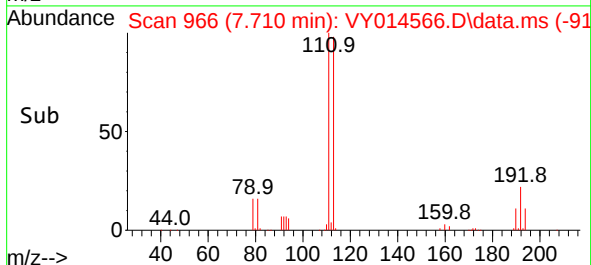
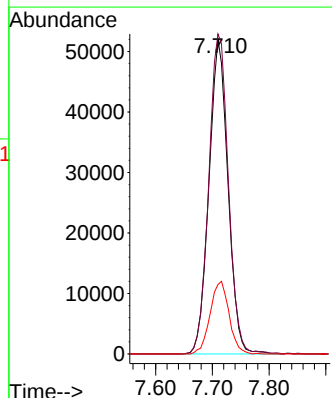
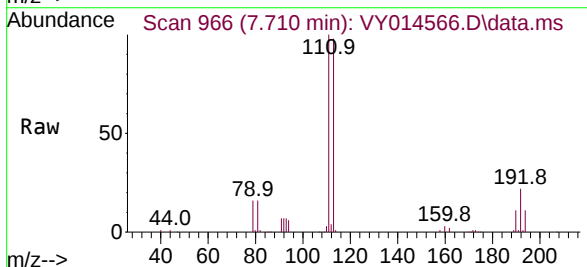
Tgt Ion:113 Resp: 121155

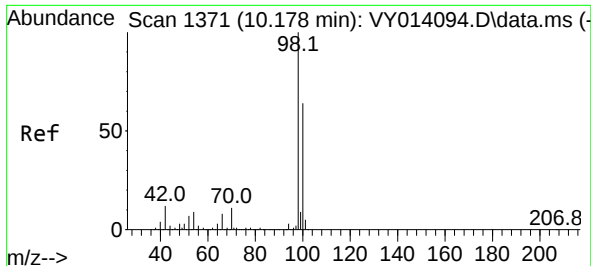
Ion Ratio Lower Upper

113 100

111 105.0 81.3 121.9

192 23.1 16.9 25.3

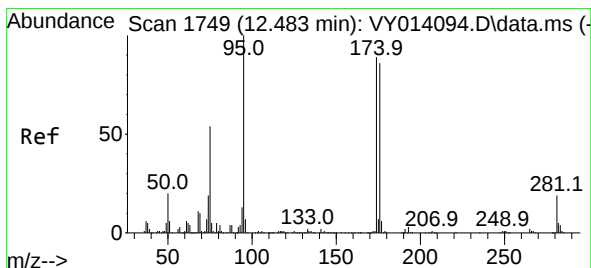
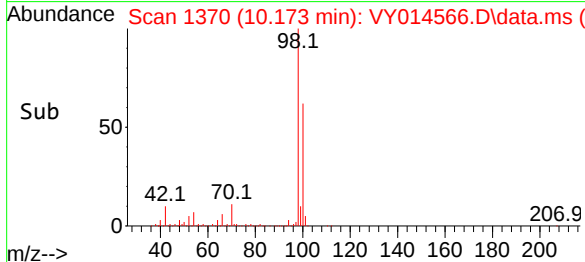
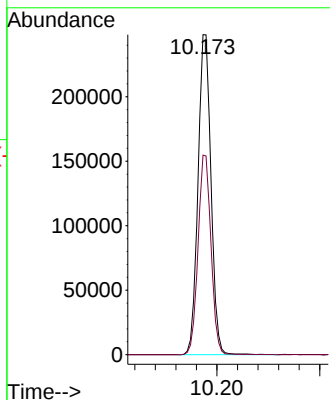
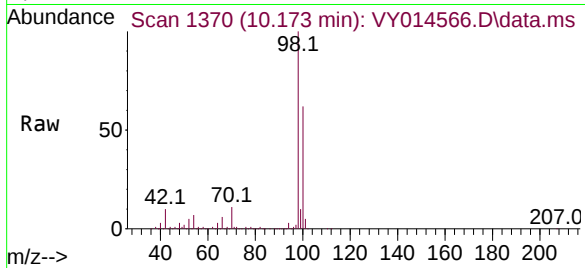




#50
Toluene-d8
Concen: 49.894 ug/l
RT: 10.173 min Scan# 1
Delta R.T. -0.005 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

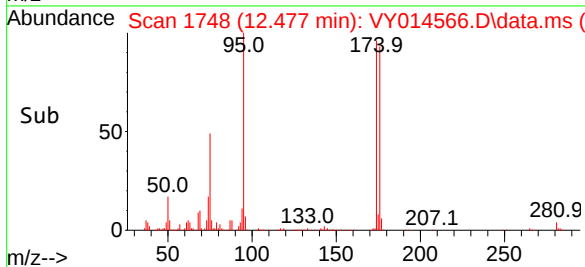
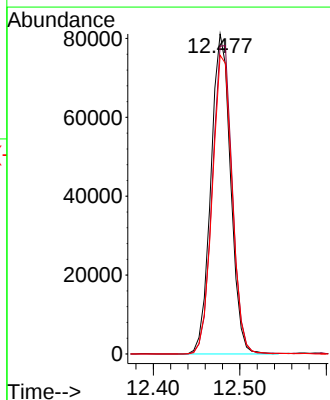
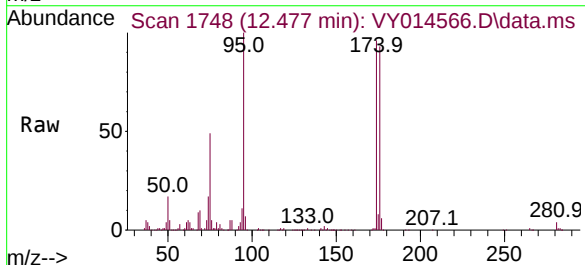
Instrument :
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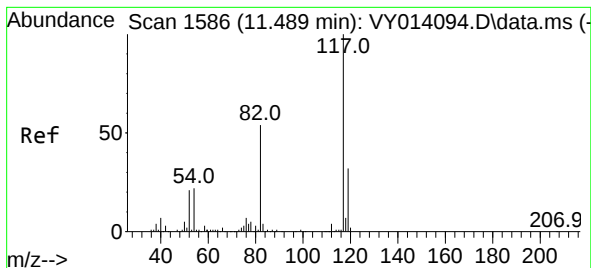
Tgt Ion: 98 Resp: 434573
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.507 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

Tgt Ion: 95 Resp: 128559
Ion Ratio Lower Upper
95 100
174 97.4 0.0 178.2
176 93.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014566.D

Acq: 05 Jul 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-01-G

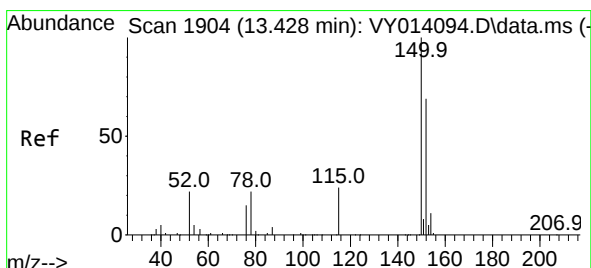
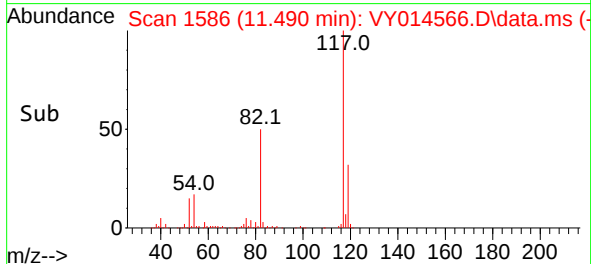
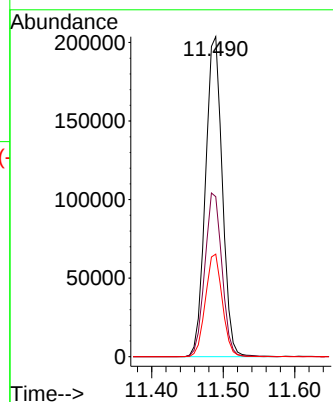
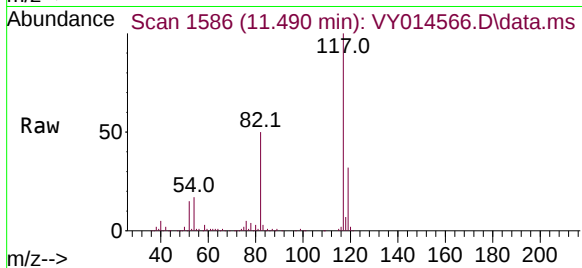
Tgt Ion:117 Resp: 333068

Ion Ratio Lower Upper

117 100

82 50.0 43.4 65.0

119 32.1 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: VY014566.D

Acq: 05 Jul 2023 18:19

Tgt Ion:152 Resp: 140968

Ion Ratio Lower Upper

152 100

115 54.1 28.8 86.5

150 156.9 0.0 348.8

