

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014569.D
 Acq On : 05 Jul 2023 19:30
 Operator : KP/MD
 Sample : 03509-19
 Misc : 3.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-04-G

Quant Time: Jul 06 01:37:27 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)

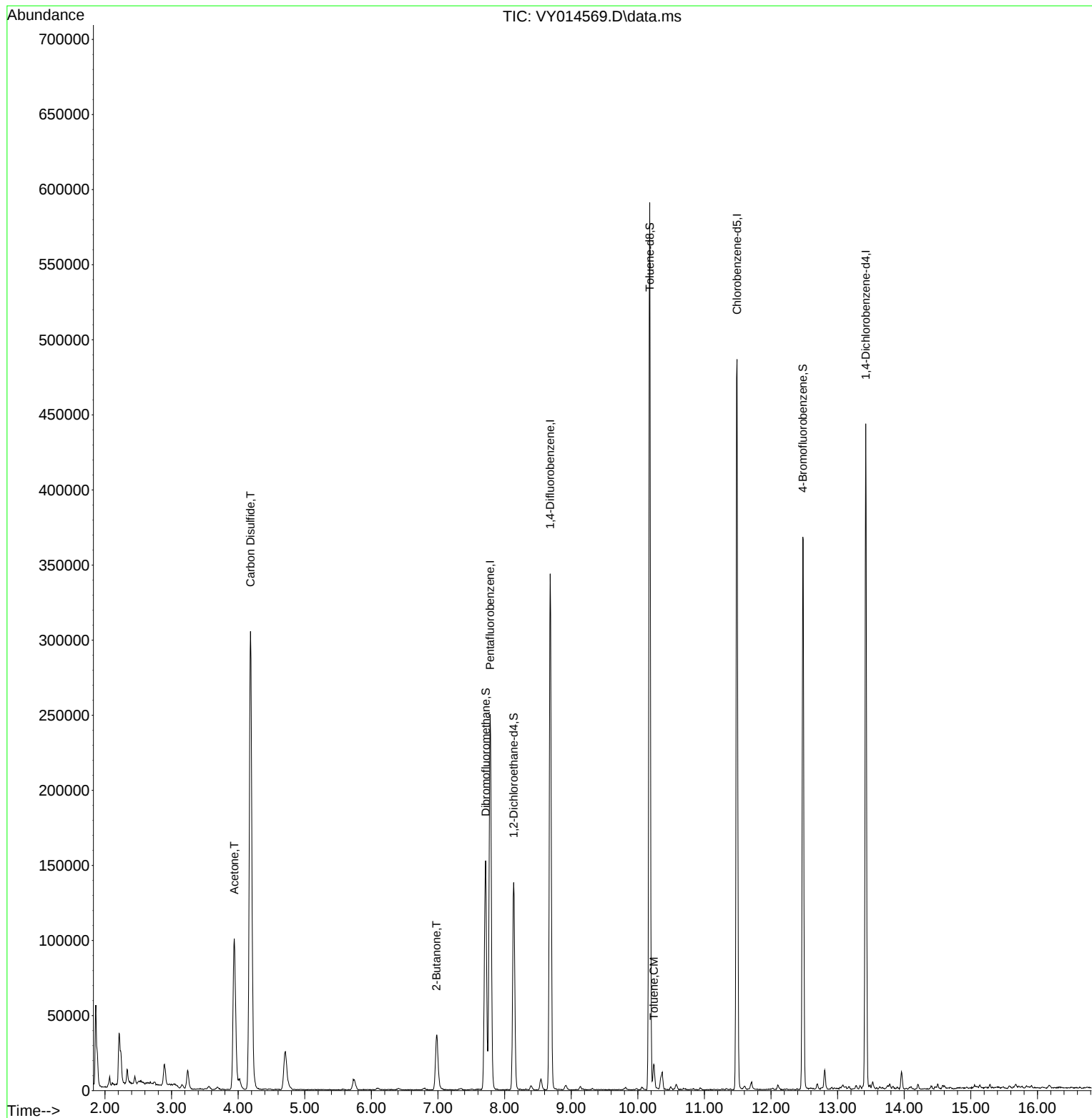
Internal Standards						
1) Pentafluorobenzene	7.783	168	221676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	296090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109680	49.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.480%
35) Dibromofluoromethane	7.716	113	108408	55.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.260%
50) Toluene-d8	10.179	98	395239	50.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.477	95	108880	40.336	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.680%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	176549	256.365	ug/l #	84
17) Carbon Disulfide	4.186	76	654470	103.291	ug/l	98
25) 2-Butanone	6.978	43	59103	57.962	ug/l	93
52) Toluene	10.240	92	7353	1.282	ug/l	94

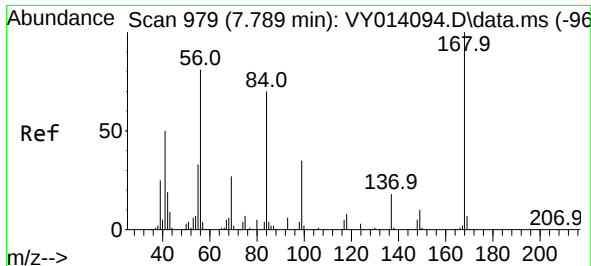
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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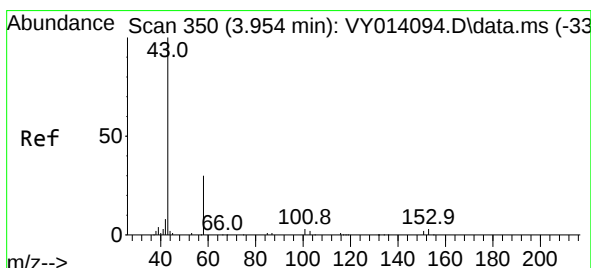
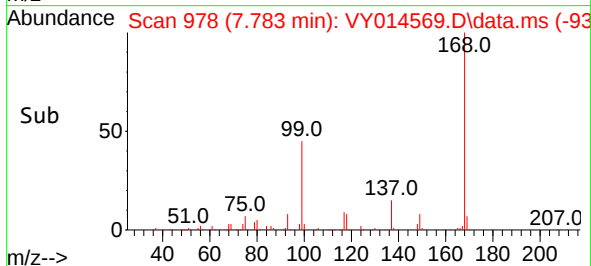
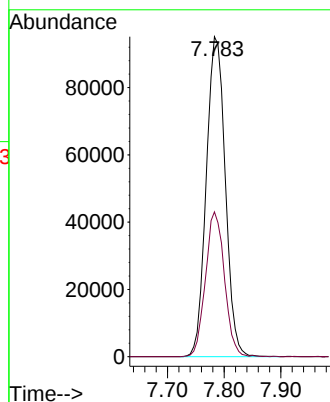
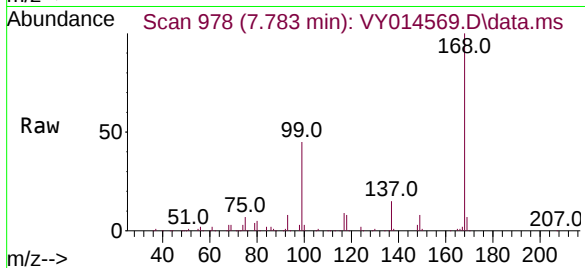




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

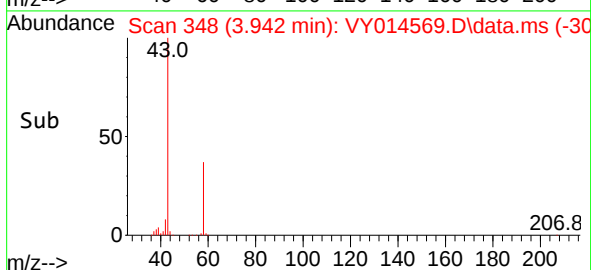
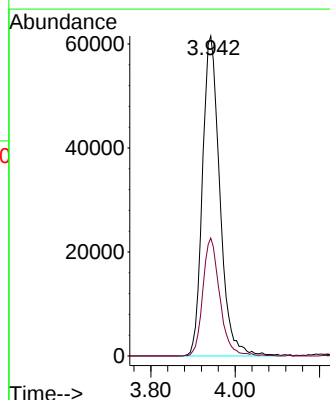
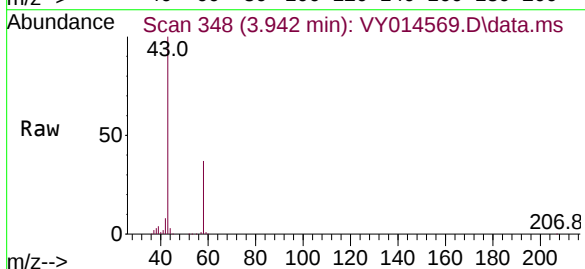
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-04-G

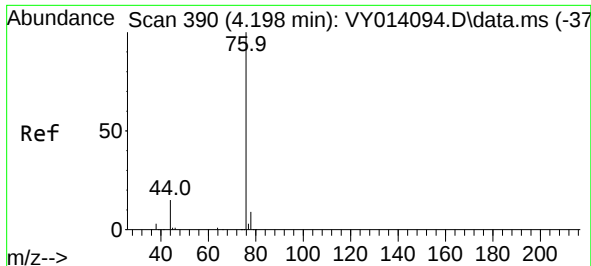
Tgt Ion:168 Resp: 221676
Ion Ratio Lower Upper
168 100
99 45.2 43.4 65.0



#16
Acetone
Concen: 256.365 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

Tgt Ion: 43 Resp: 176549
Ion Ratio Lower Upper
43 100
58 36.8 22.7 34.1#

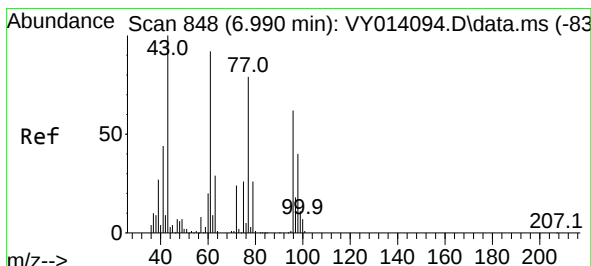
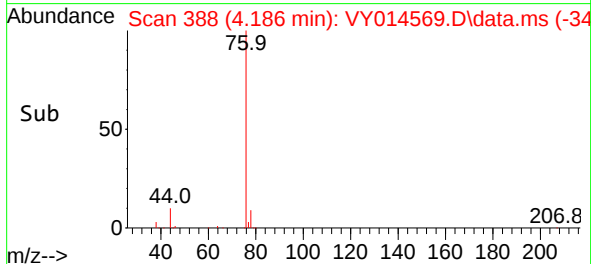
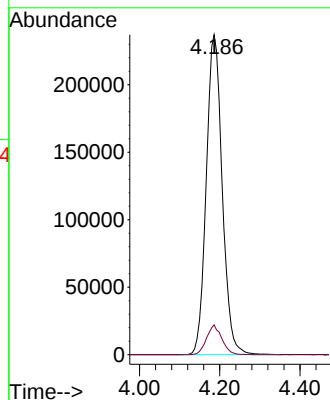
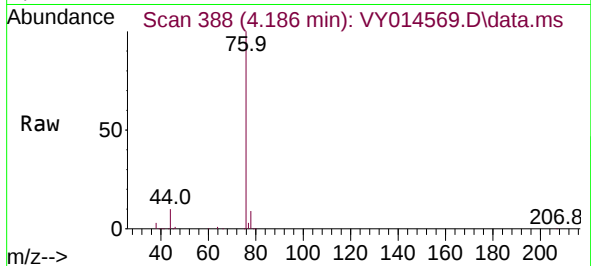




#17
Carbon Disulfide
Concen: 103.291 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

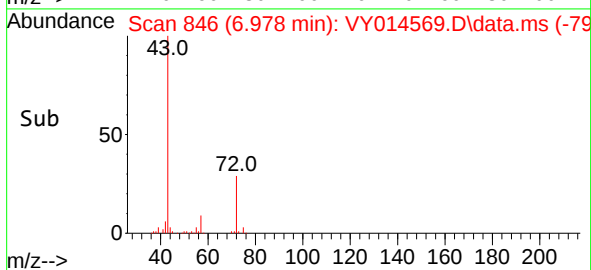
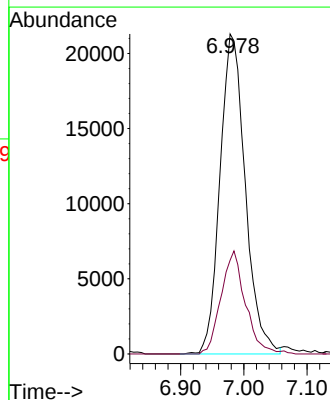
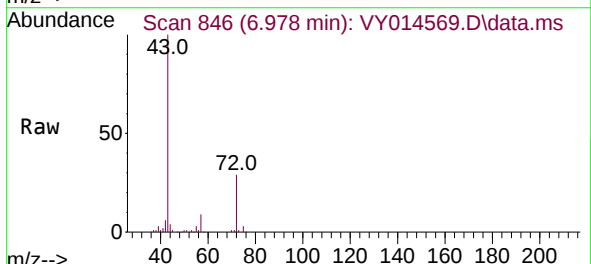
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-04-G

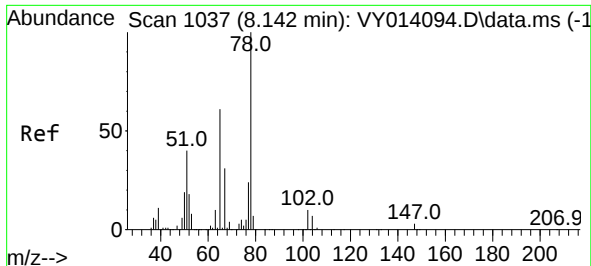
Tgt Ion: 76 Resp: 654470
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#25
2-Butanone
Concen: 57.962 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

Tgt Ion: 43 Resp: 59103
Ion Ratio Lower Upper
43 100
72 29.3 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 49.737 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY014569.D

Acq: 05 Jul 2023 19:30

Instrument :

MSVOA_Y

ClientSampleId :

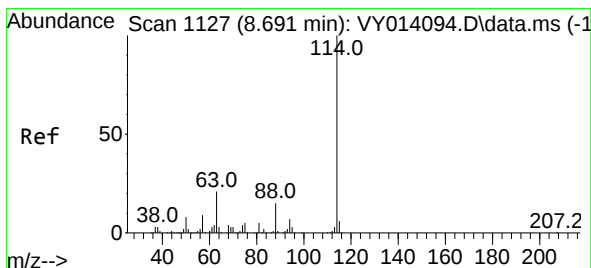
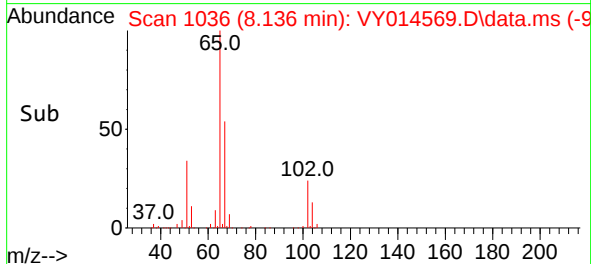
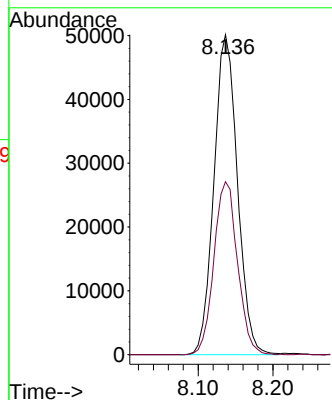
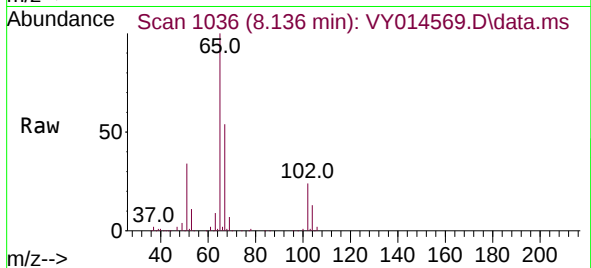
WC-WWS-04-G

Tgt Ion: 65 Resp: 109680

Ion Ratio Lower Upper

65 100

67 54.3 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: VY014569.D

Acq: 05 Jul 2023 19:30

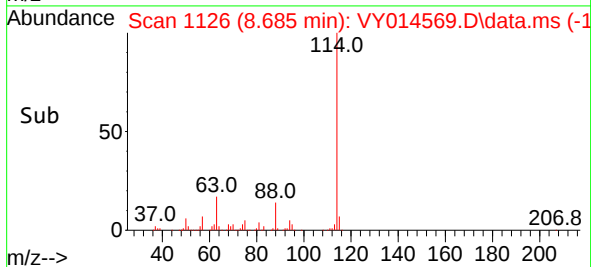
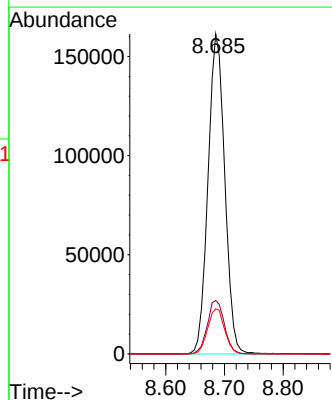
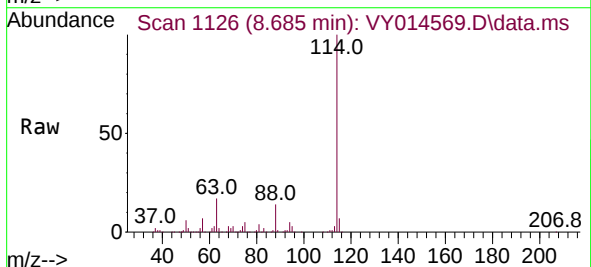
Tgt Ion: 114 Resp: 319333

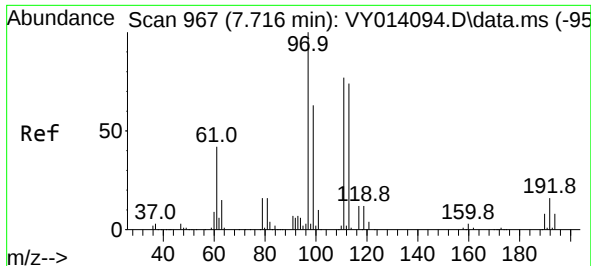
Ion Ratio Lower Upper

114 100

63 16.7 0.0 42.4

88 14.1 0.0 30.6

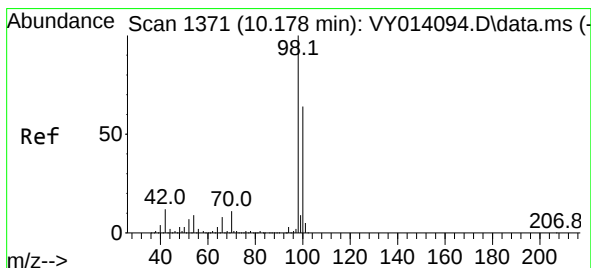
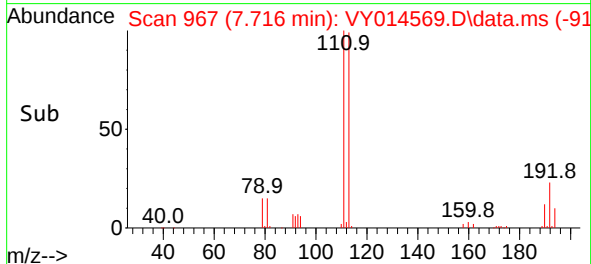
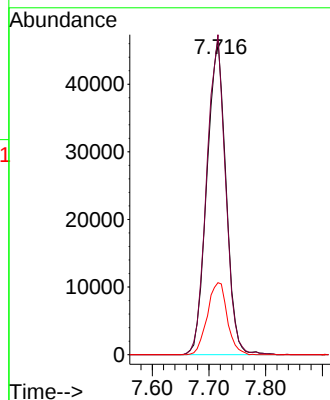
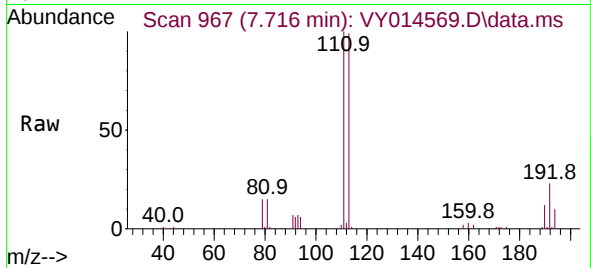




#35
Dibromofluoromethane
Concen: 55.128 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

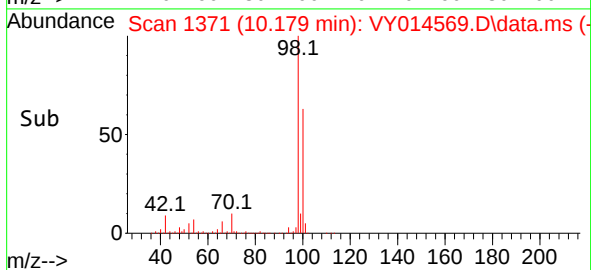
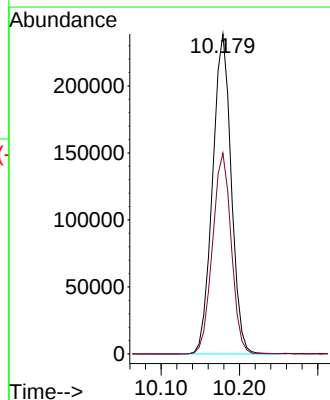
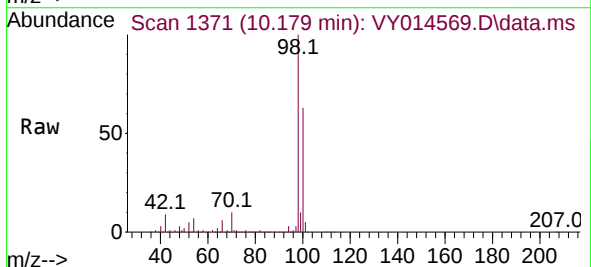
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-04-G

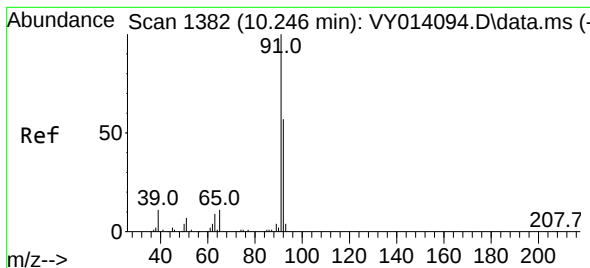
Tgt Ion:113 Resp: 108408
Ion Ratio Lower Upper
113 100
111 100.6 81.3 121.9
192 23.9 16.9 25.3



#50
Toluene-d8
Concen: 50.843 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

Tgt Ion: 98 Resp: 395239
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1





#52

Toluene

Concen: 1.282 ug/l

RT: 10.240 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014569.D

Acq: 05 Jul 2023 19:30

Instrument :

MSVOA_Y

ClientSampleId :

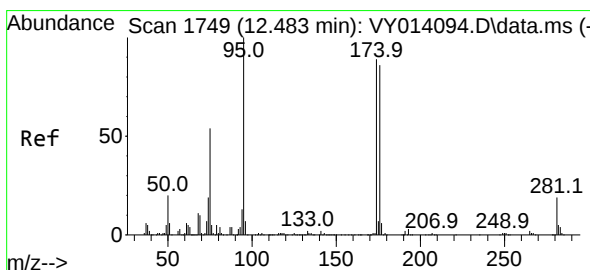
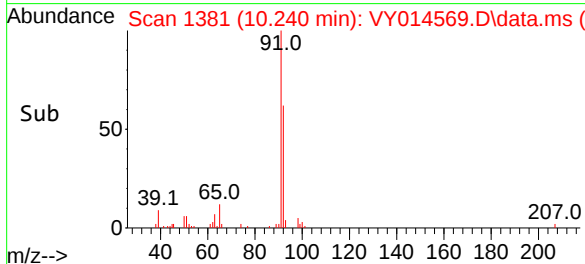
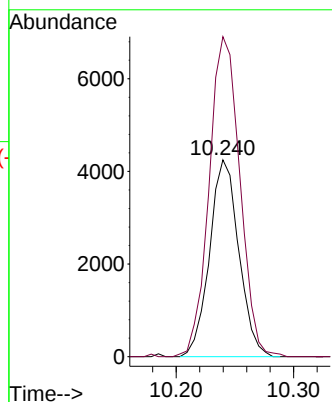
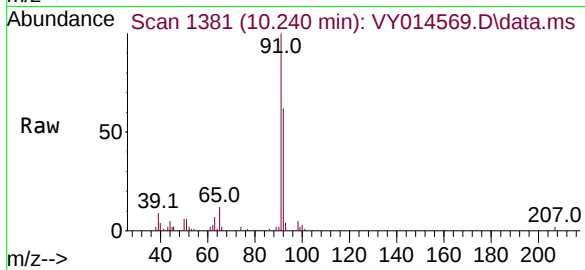
WC-WWS-04-G

Tgt Ion: 92 Resp: 7353

Ion Ratio Lower Upper

92 100

91 170.8 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 40.336 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014569.D

Acq: 05 Jul 2023 19:30

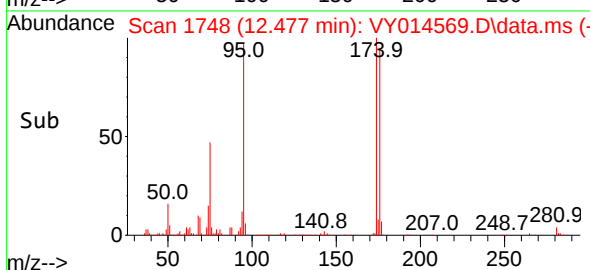
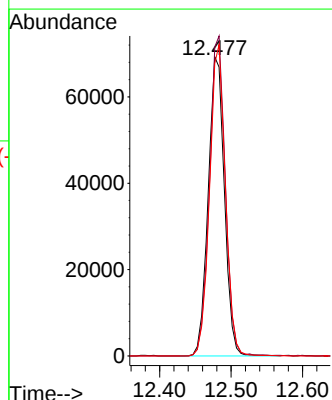
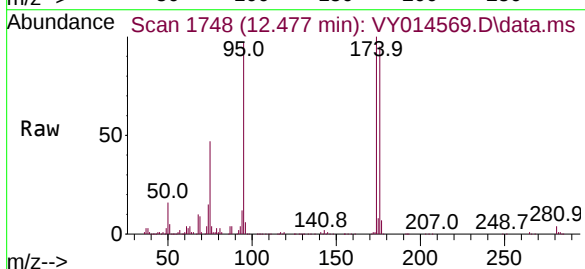
Tgt Ion: 95 Resp: 108880

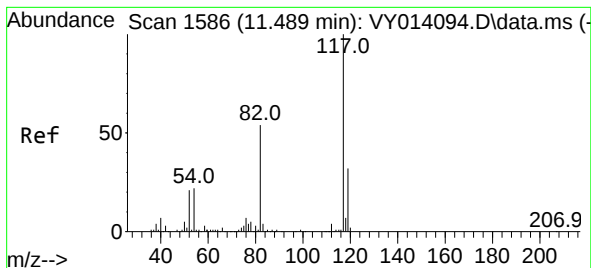
Ion Ratio Lower Upper

95 100

174 104.9 0.0 178.2

176 101.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014569.D

Acq: 05 Jul 2023 19:30

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-04-G

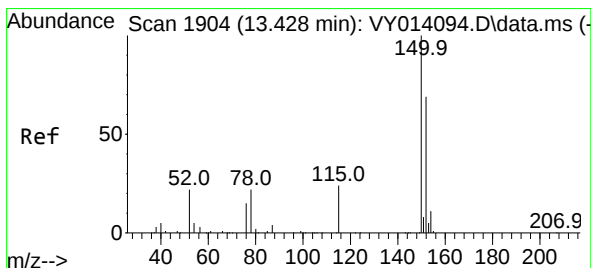
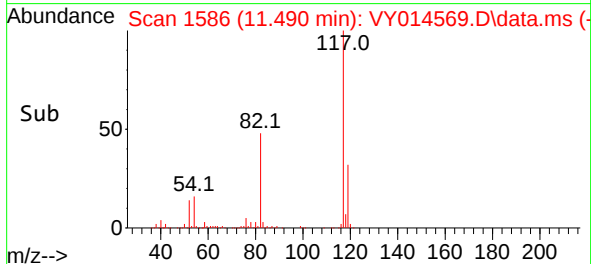
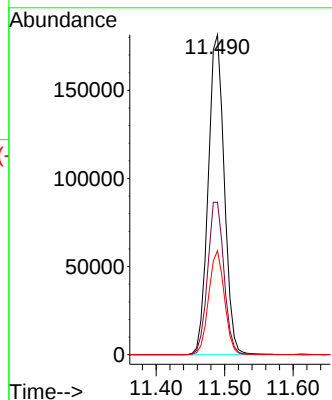
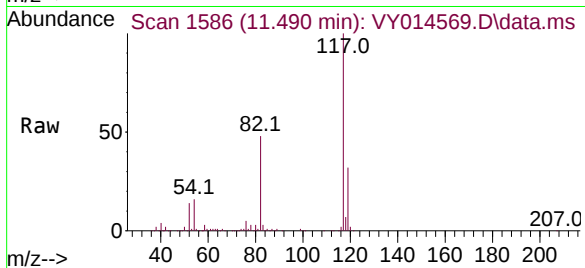
Tgt Ion:117 Resp: 296090

Ion Ratio Lower Upper

117 100

82 47.6 43.4 65.0

119 32.5 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: VY014569.D

Acq: 05 Jul 2023 19:30

Tgt Ion:152 Resp: 124840

Ion Ratio Lower Upper

152 100

115 54.0 28.8 86.5

150 156.4 0.0 348.8

