

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014591.D
 Acq On : 06 Jul 2023 16:19
 Operator : KP/MD
 Sample : 03541-09
 Misc : 3.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-09-G

Quant Time: Jul 07 06:15:18 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)

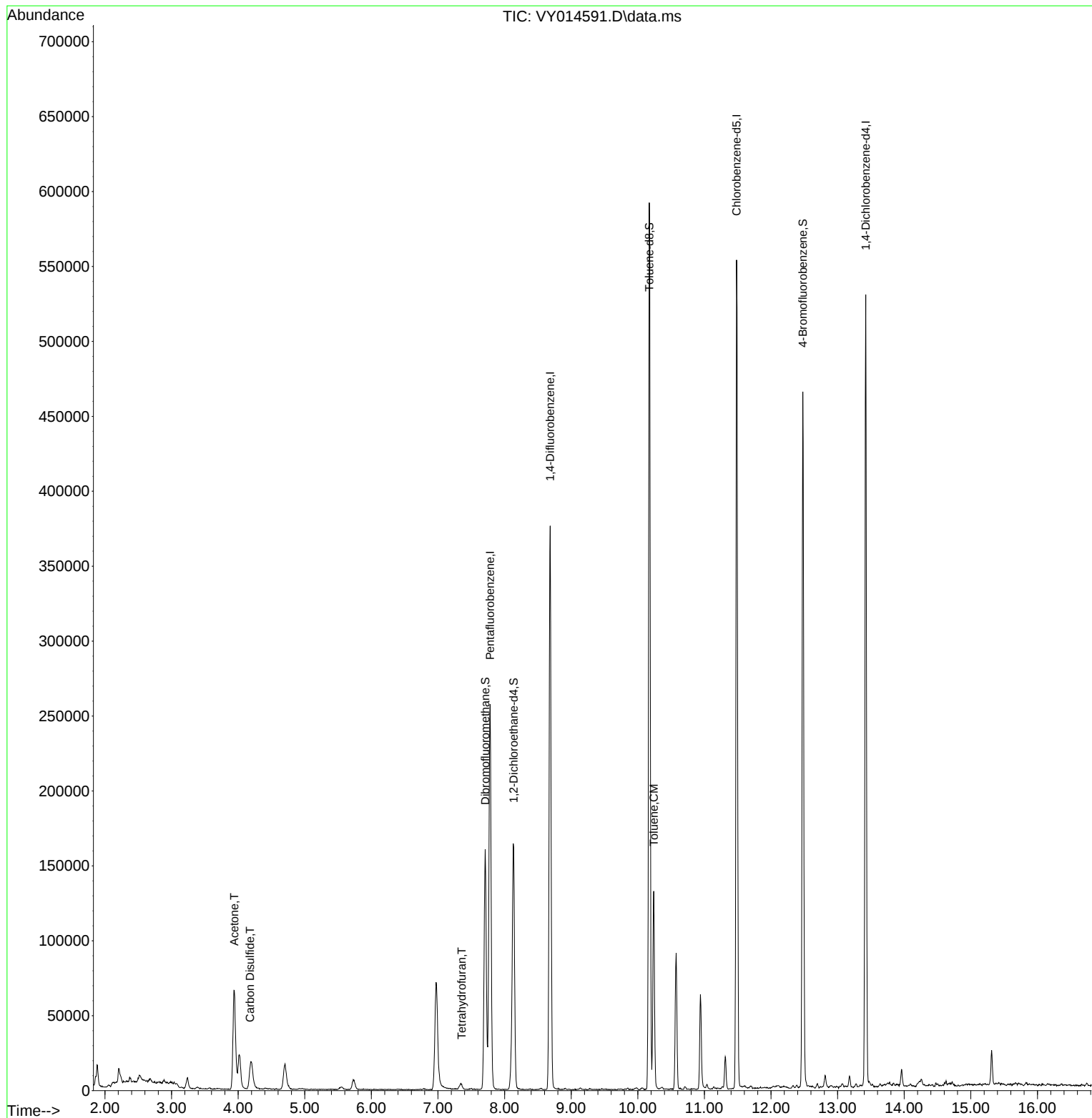
Internal Standards						
1) Pentafluorobenzene	7.783	168	216492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	322200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123055	57.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.280%
35) Dibromofluoromethane	7.710	113	112274	53.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.300%
50) Toluene-d8	10.173	98	407018	49.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.477	95	130398	45.392	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.780%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	119503	177.684	ug/l	90
17) Carbon Disulfide	4.180	76	18495	2.989	ug/l	100
29) Tetrahydrofuran	7.356	42	2692	4.191	ug/l	94
52) Toluene	10.240	92	54200	8.878	ug/l	98

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

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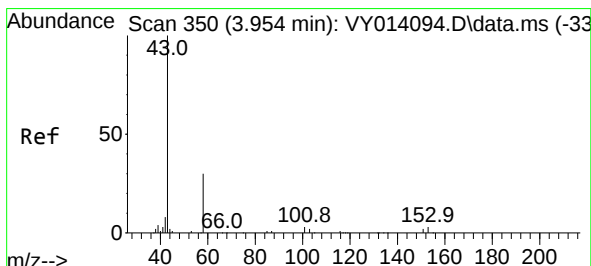
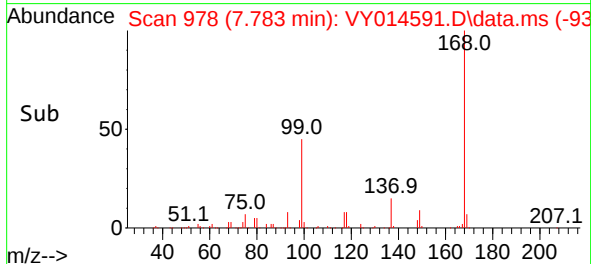
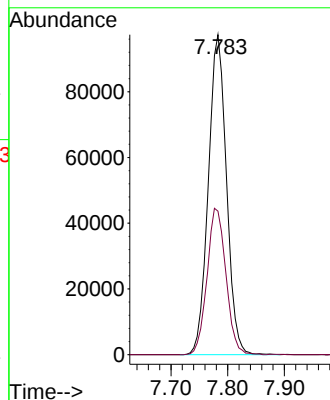
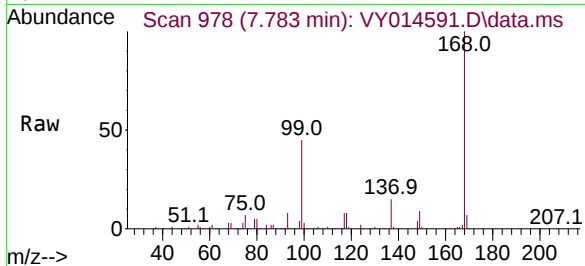




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014591.D
Acq: 06 Jul 2023 16:19

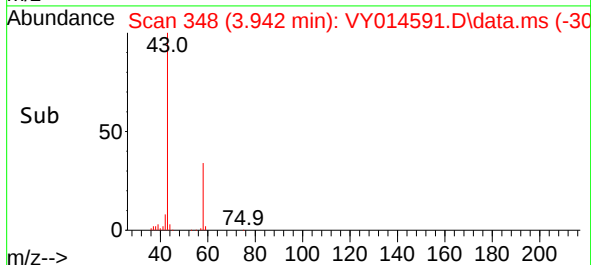
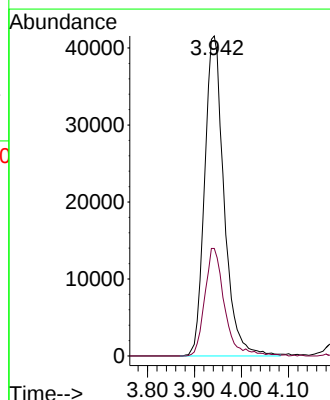
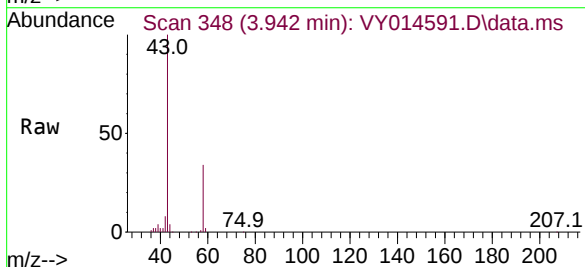
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-09-G

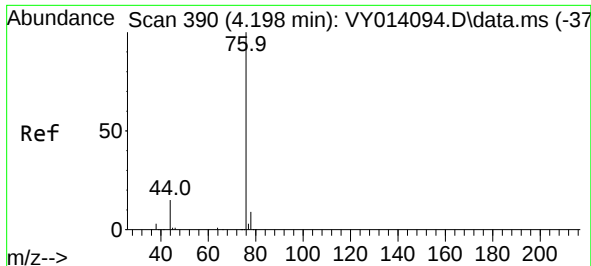
Tgt Ion:168 Resp: 216492
Ion Ratio Lower Upper
168 100
99 44.8 43.4 65.0



#16
Acetone
Concen: 177.684 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014591.D
Acq: 06 Jul 2023 16:19

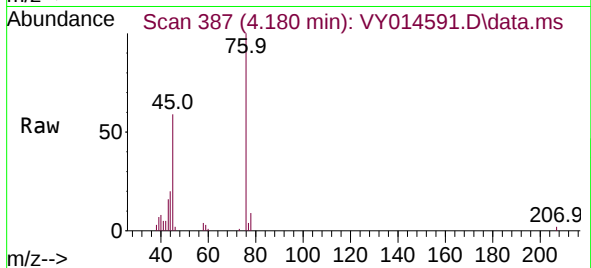
Tgt Ion: 43 Resp: 119503
Ion Ratio Lower Upper
43 100
58 33.6 22.7 34.1



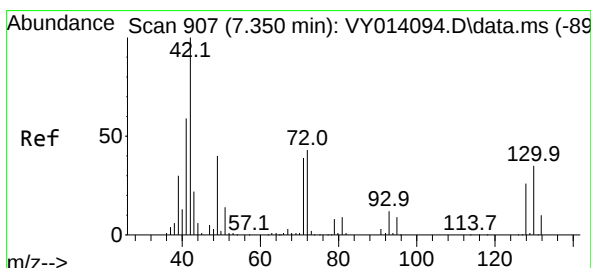
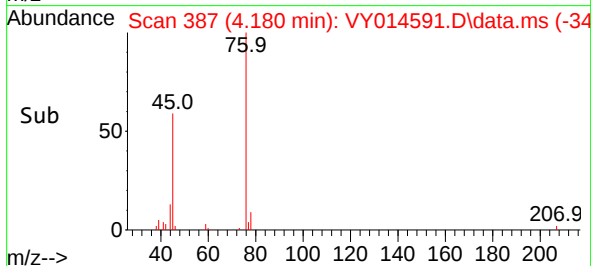
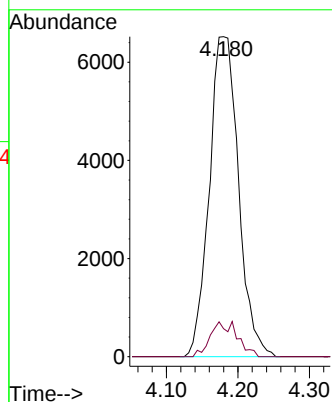


#17
Carbon Disulfide
Concen: 2.989 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014591.D
Acq: 06 Jul 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-09-G

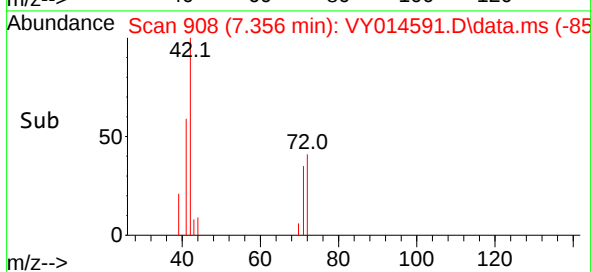
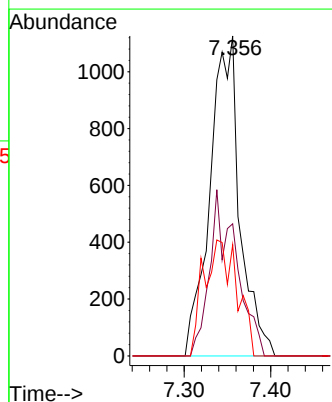
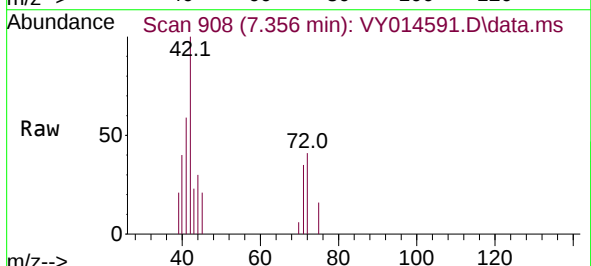


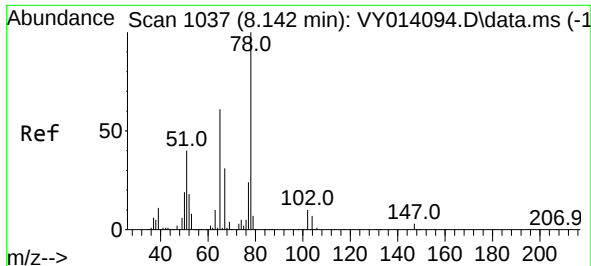
Tgt Ion: 76 Resp: 18495
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#29
Tetrahydrofuran
Concen: 4.191 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014591.D
Acq: 06 Jul 2023 16:19

Tgt Ion: 42 Resp: 2692
Ion Ratio Lower Upper
42 100
72 46.4 32.8 49.2
71 40.3 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 57.138 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY014591.D

Acq: 06 Jul 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

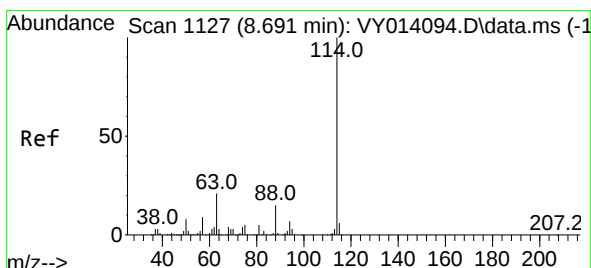
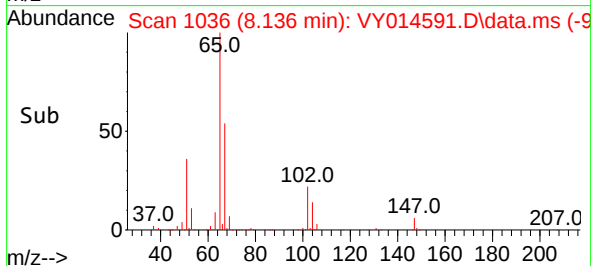
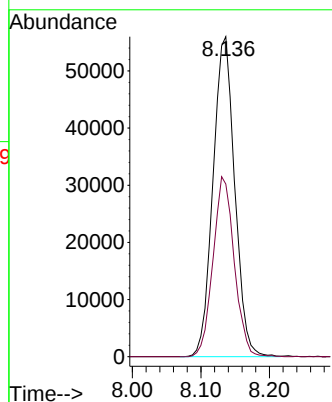
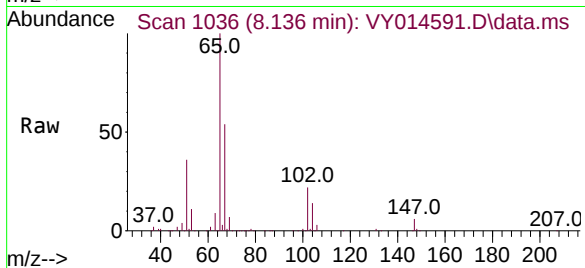
WC-WWS-09-G

Tgt Ion: 65 Resp: 123055

Ion Ratio Lower Upper

65 100

67 55.0 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: VY014591.D

Acq: 06 Jul 2023 16:19

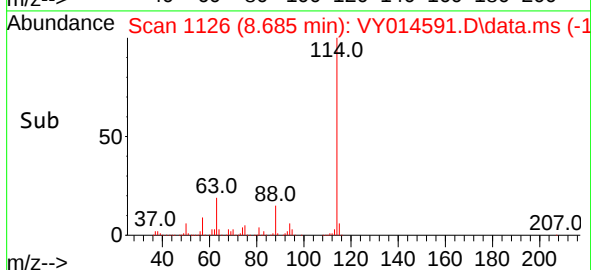
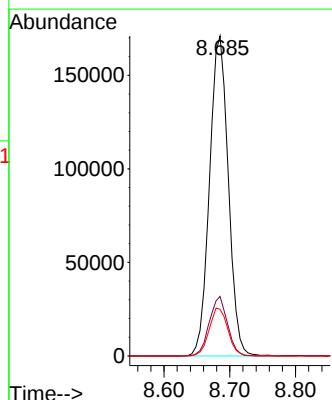
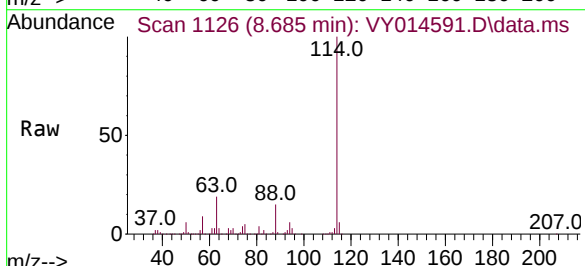
Tgt Ion: 114 Resp: 339839

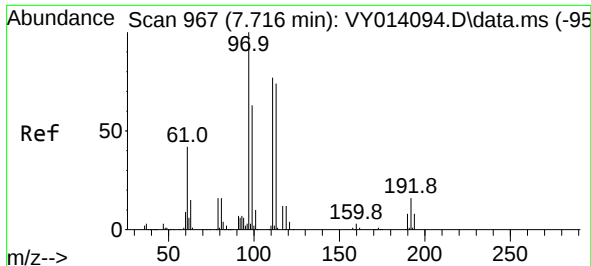
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.649 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY014591.D

Acq: 06 Jul 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-09-G

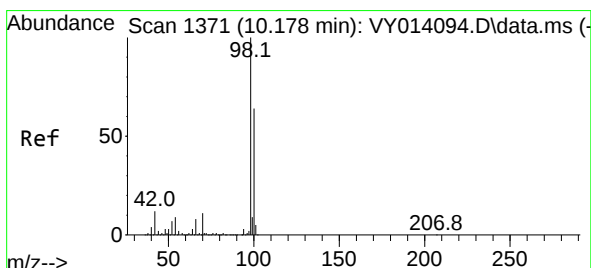
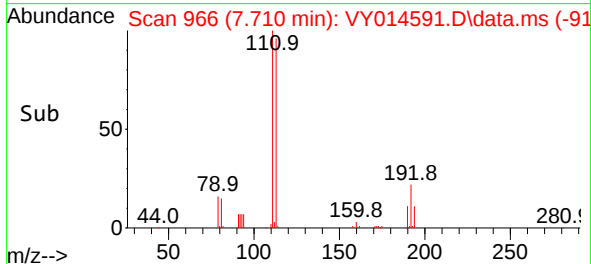
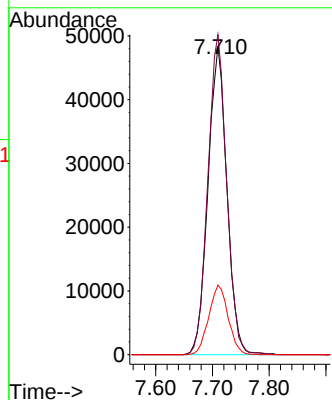
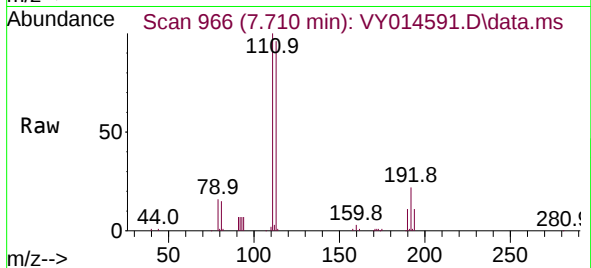
Tgt Ion:113 Resp: 112274

Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 23.1 16.9 25.3



#50

Toluene-d8

Concen: 49.199 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.005 min

Lab File: VY014591.D

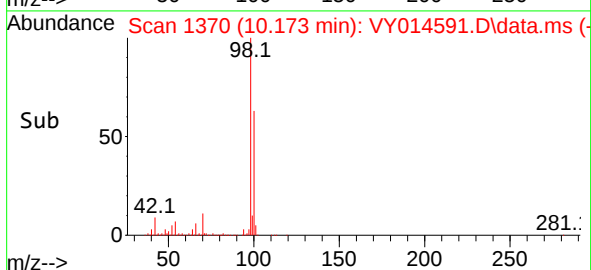
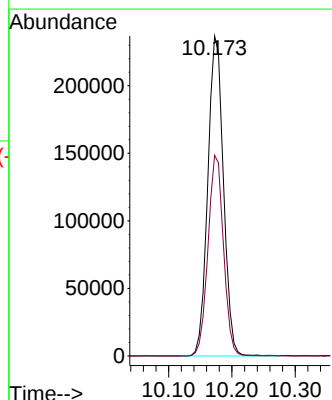
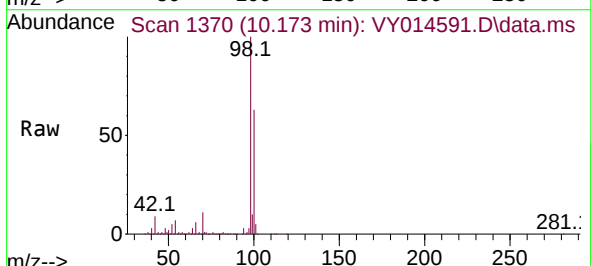
Acq: 06 Jul 2023 16:19

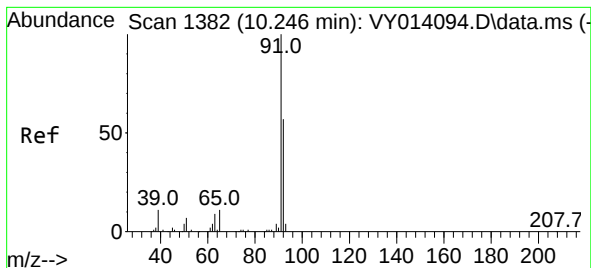
Tgt Ion: 98 Resp: 407018

Ion Ratio Lower Upper

98 100

100 62.2 50.1 75.1





#52

Toluene

Concen: 8.878 ug/l

RT: 10.240 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014591.D

Acq: 06 Jul 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

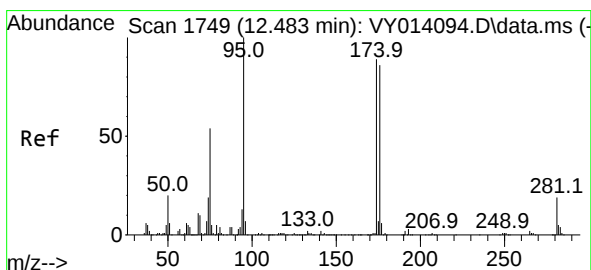
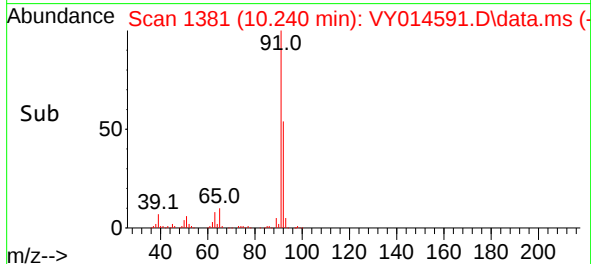
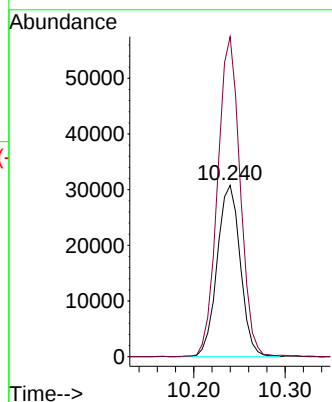
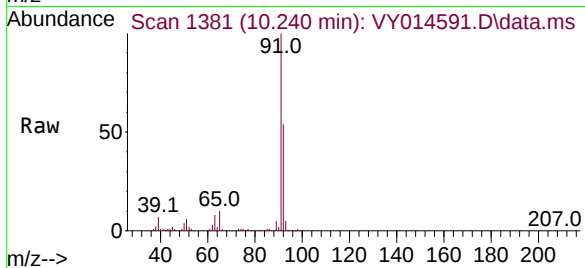
WC-WWS-09-G

Tgt Ion: 92 Resp: 54200

Ion Ratio Lower Upper

92 100

91 182.2 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 45.392 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014591.D

Acq: 06 Jul 2023 16:19

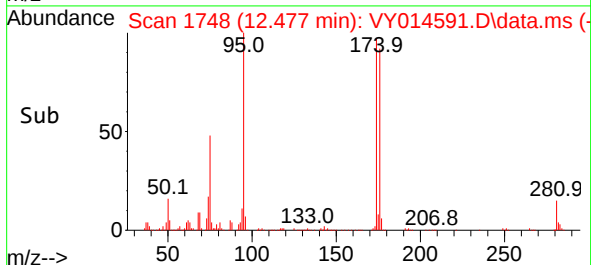
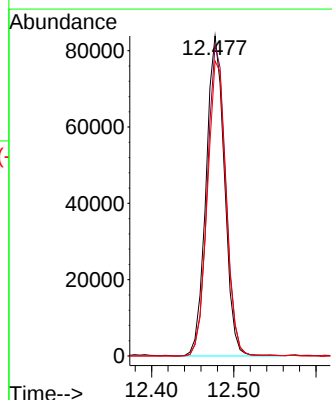
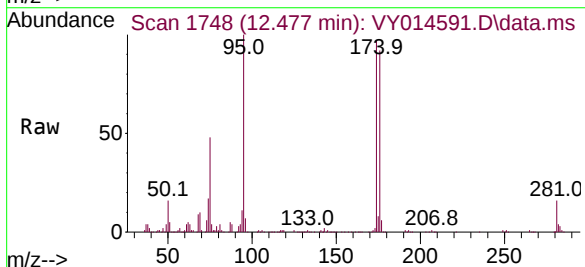
Tgt Ion: 95 Resp: 130398

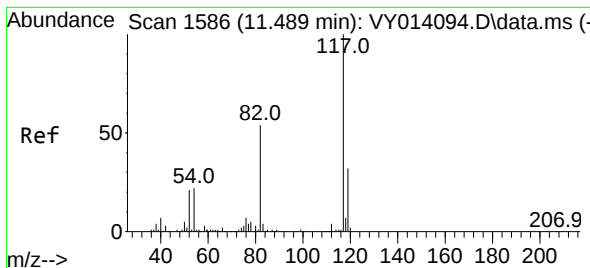
Ion Ratio Lower Upper

95 100

174 97.9 0.0 178.2

176 93.6 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: VY014591.D

Acq: 06 Jul 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-09-G

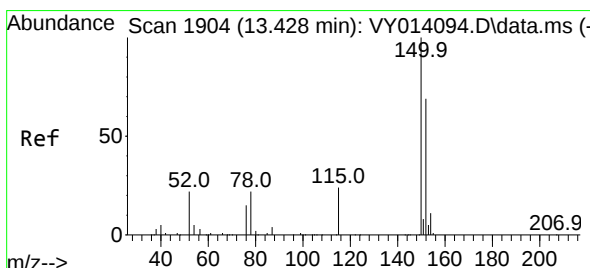
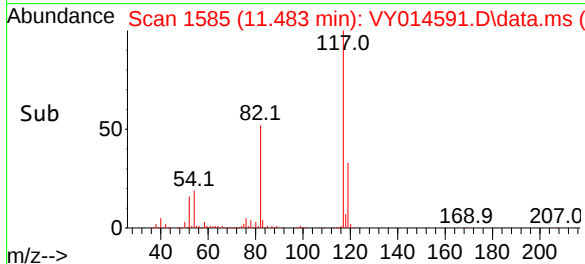
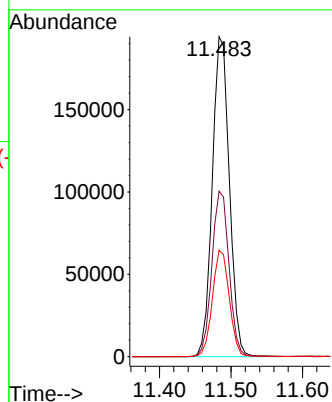
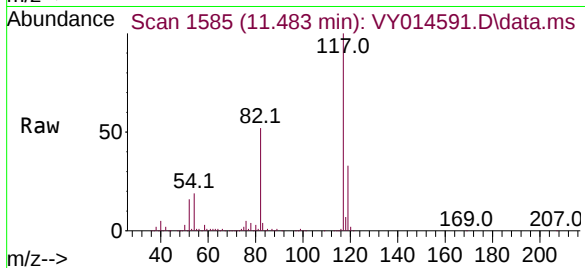
Tgt Ion:117 Resp: 322200

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 33.2 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: VY014591.D

Acq: 06 Jul 2023 16:19

Tgt Ion:152 Resp: 146372

Ion Ratio Lower Upper

152 100

115 54.9 28.8 86.5

150 157.9 0.0 348.8

