

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014590.D
 Acq On : 06 Jul 2023 15:54
 Operator : KP/MD
 Sample : 03541-04
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-08-G

Quant Time: Jul 07 08:15:04 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)

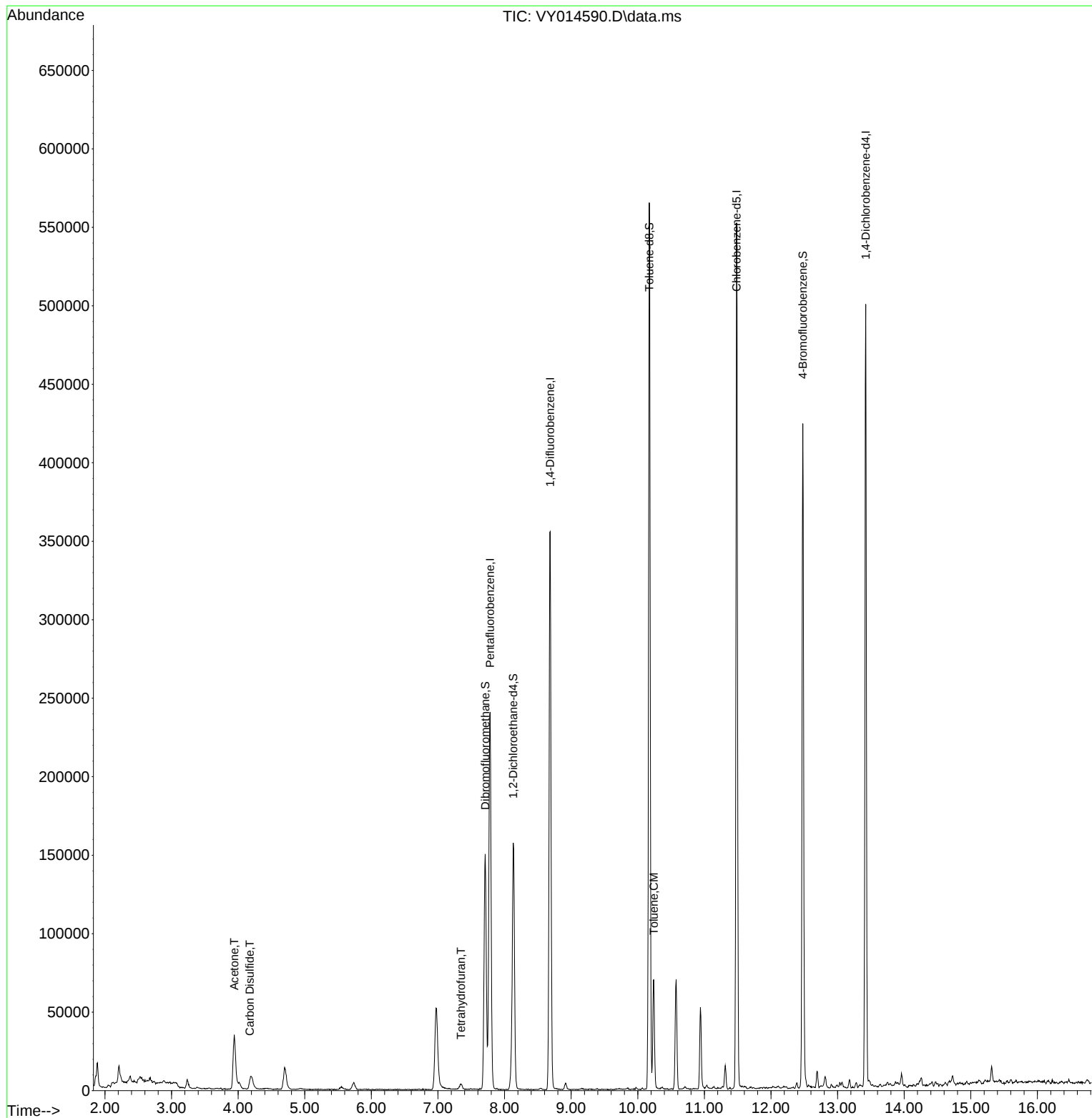
Internal Standards						
1) Pentafluorobenzene	7.783	168	205977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	321453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	312255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	118395	57.781	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.560%
35) Dibromofluoromethane	7.710	113	107113	54.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.220%
50) Toluene-d8	10.173	98	386151	49.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.477	95	121689	44.784	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.560%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	59923	93.645	ug/l #	86
17) Carbon Disulfide	4.174	76	9318	1.583	ug/l #	93
29) Tetrahydrofuran	7.344	42	2131	3.487	ug/l #	83
52) Toluene	10.240	92	29463	5.102	ug/l	100

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

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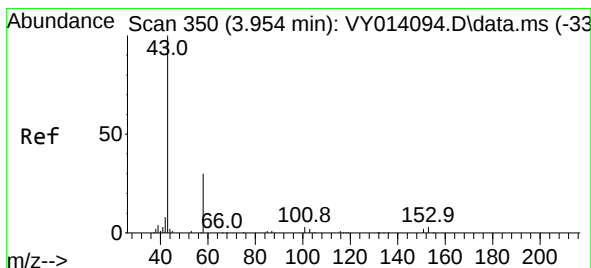
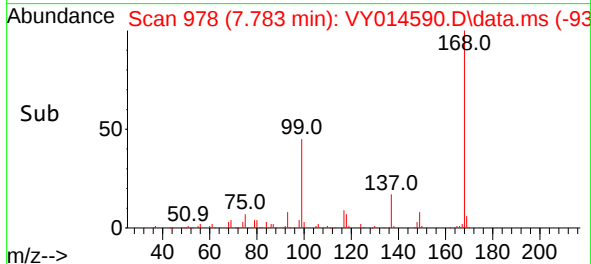
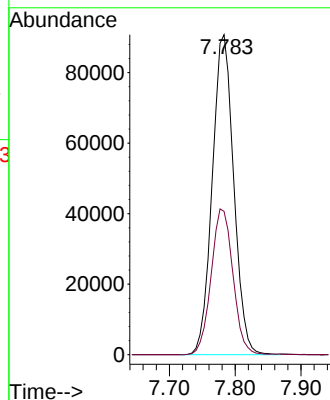
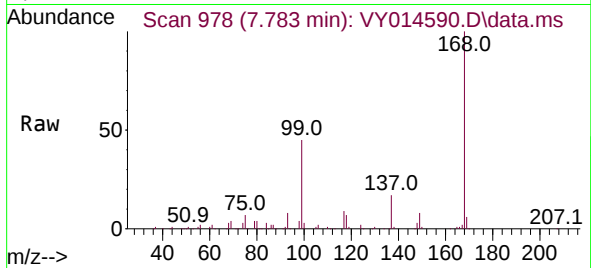




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014590.D
Acq: 06 Jul 2023 15:54

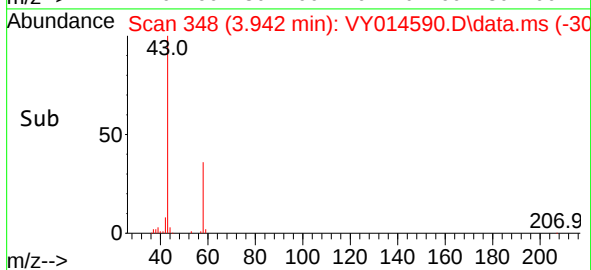
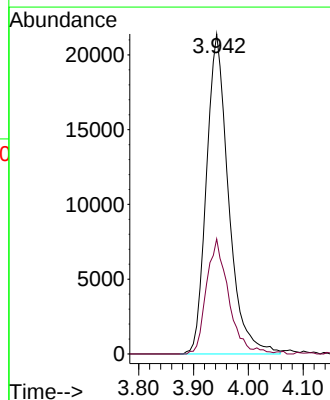
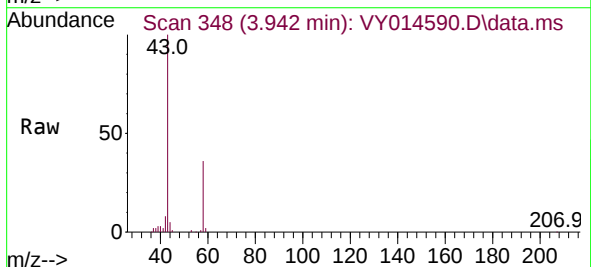
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-08-G

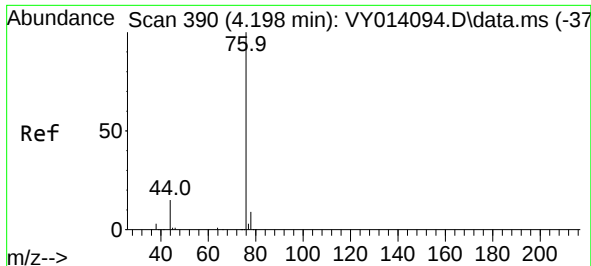
Tgt Ion:168 Resp: 205977
Ion Ratio Lower Upper
168 100
99 44.8 43.4 65.0



#16
Acetone
Concen: 93.645 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014590.D
Acq: 06 Jul 2023 15:54

Tgt Ion: 43 Resp: 59923
Ion Ratio Lower Upper
43 100
58 35.9 22.7 34.1#

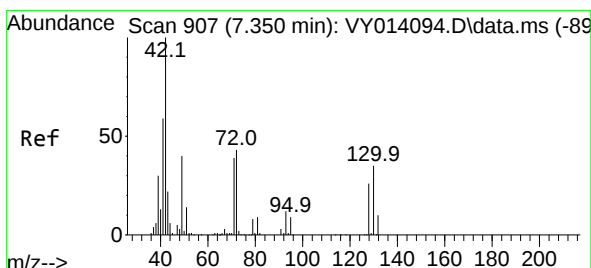
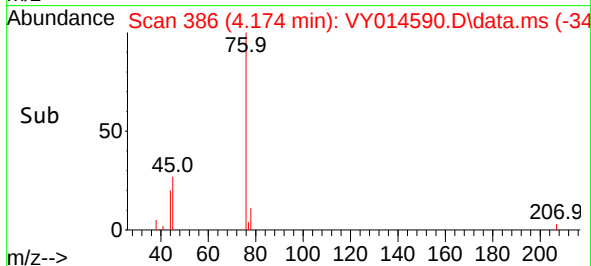
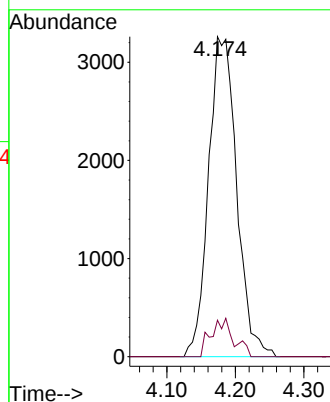
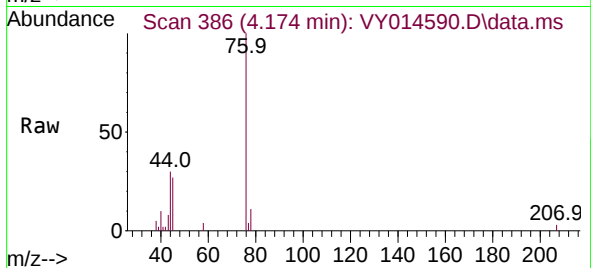




#17
Carbon Disulfide
Concen: 1.583 ug/l
RT: 4.174 min Scan# 317
Delta R.T. -0.024 min
Lab File: VY014590.D
Acq: 06 Jul 2023 15:54

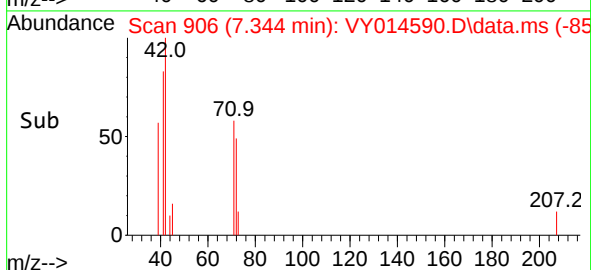
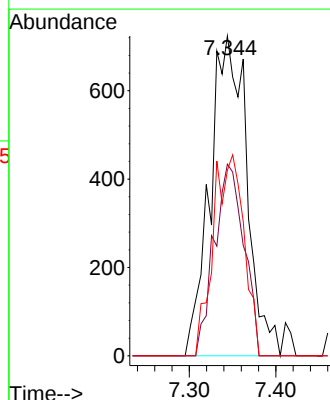
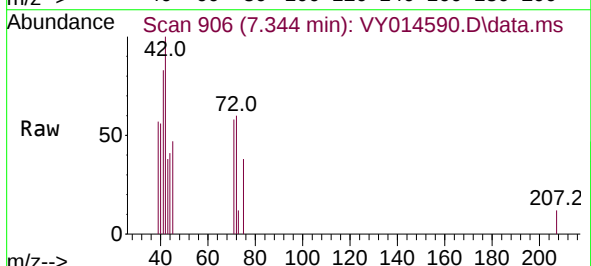
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-08-G

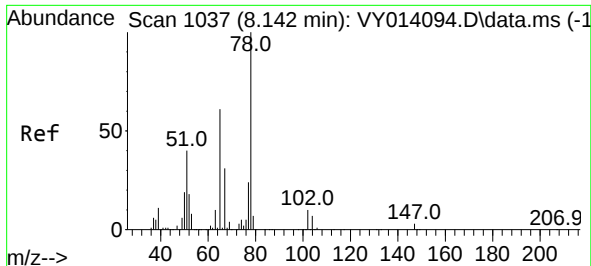
Tgt Ion: 76 Resp: 9318
Ion Ratio Lower Upper
76 100
78 11.4 7.0 10.4#



#29
Tetrahydrofuran
Concen: 3.487 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY014590.D
Acq: 06 Jul 2023 15:54

Tgt Ion: 42 Resp: 2131
Ion Ratio Lower Upper
42 100
72 48.6 32.8 49.2
71 52.5 31.0 46.4#

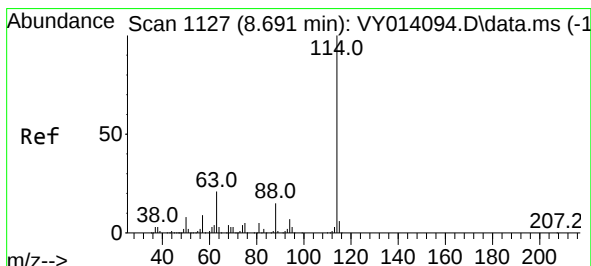
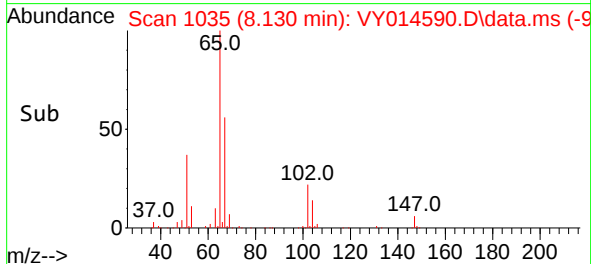
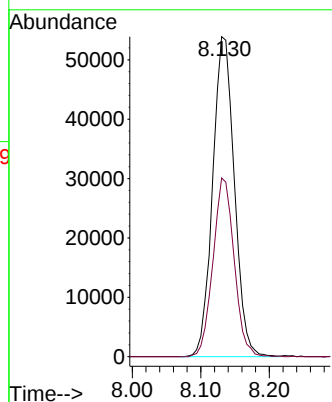
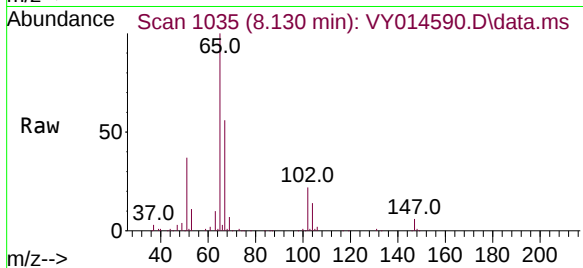




#33
 1,2-Dichloroethane-d4
 Concen: 57.781 ug/l
 RT: 8.130 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY014590.D
 Acq: 06 Jul 2023 15:54

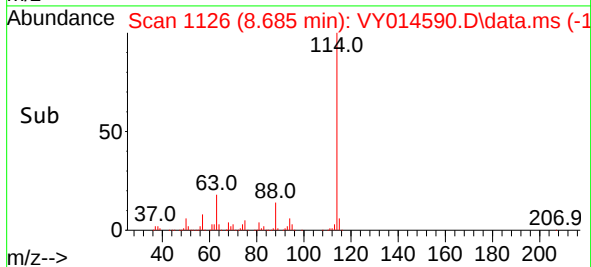
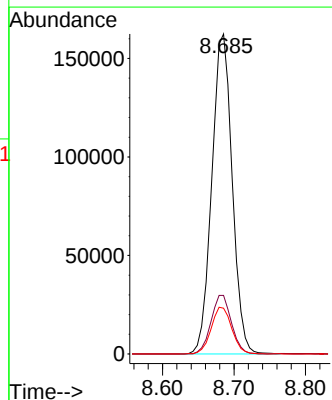
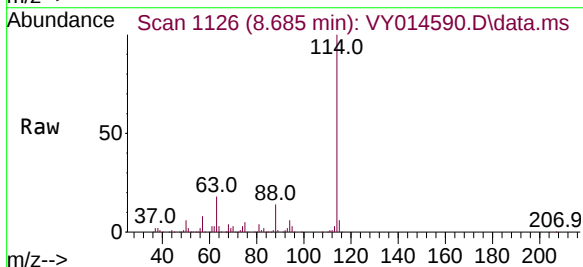
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-08-G

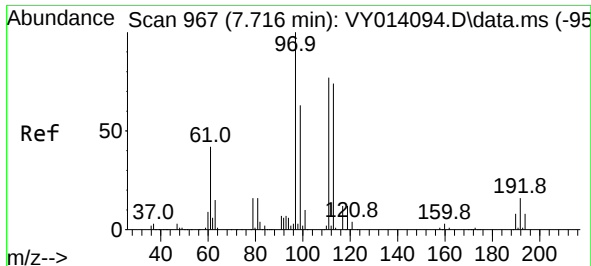
Tgt Ion: 65 Resp: 118395
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014590.D
 Acq: 06 Jul 2023 15:54

Tgt Ion: 114 Resp: 321453
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 42.4
 88 14.3 0.0 30.6

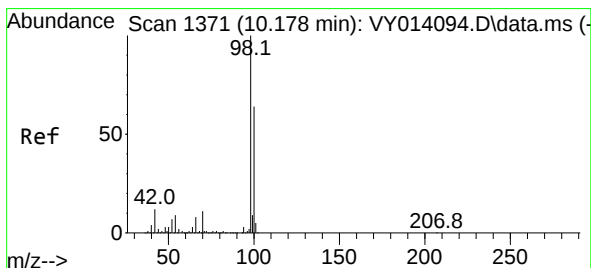
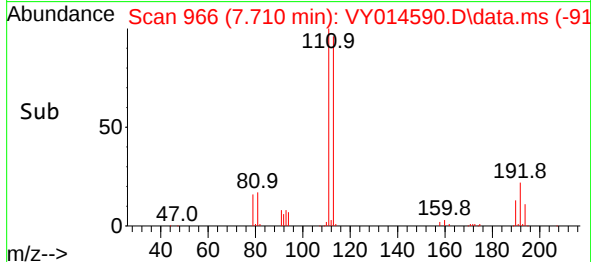
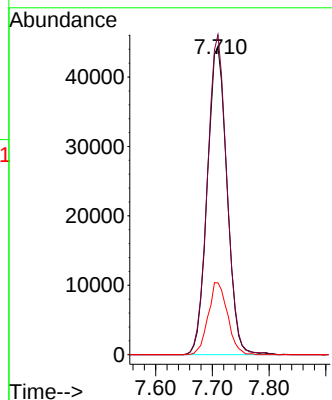
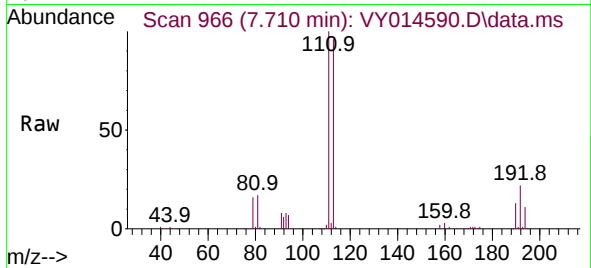




#35
Dibromofluoromethane
Concen: 54.110 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014590.D
Acq: 06 Jul 2023 15:54

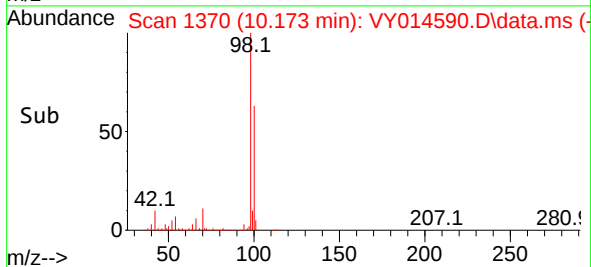
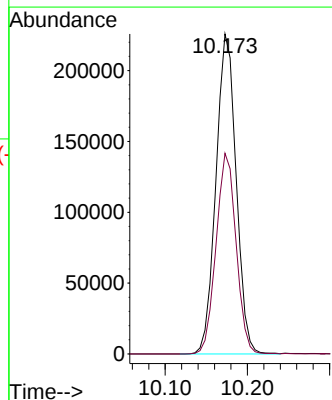
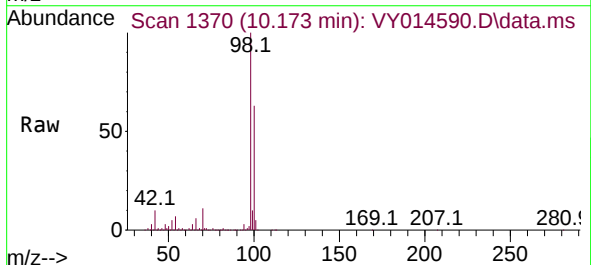
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-08-G

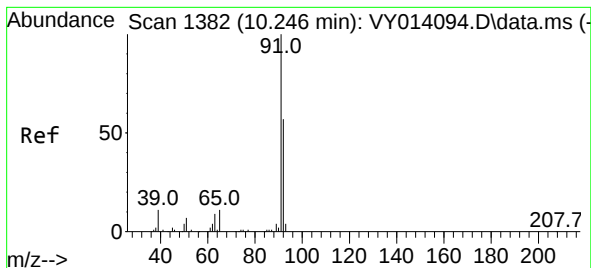
Tgt Ion:113 Resp: 107113
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 23.0 16.9 25.3



#50
Toluene-d8
Concen: 49.346 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014590.D
Acq: 06 Jul 2023 15:54

Tgt Ion: 98 Resp: 386151
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1





#52

Toluene

Concen: 5.102 ug/l

RT: 10.240 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014590.D

Acq: 06 Jul 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

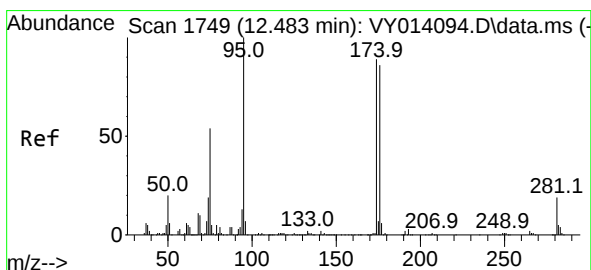
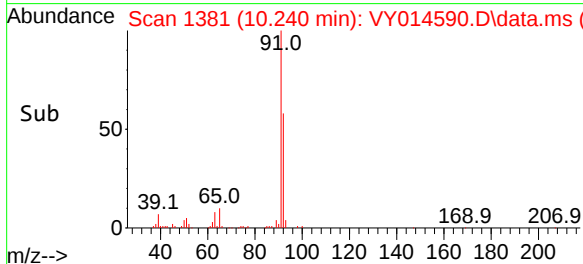
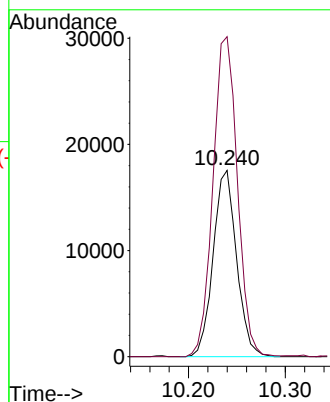
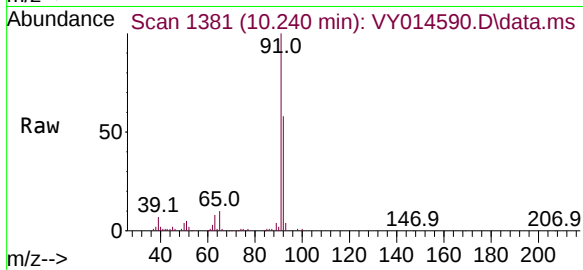
WC-WWS-08-G

Tgt Ion: 92 Resp: 29463

Ion Ratio Lower Upper

92 100

91 179.0 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 44.784 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014590.D

Acq: 06 Jul 2023 15:54

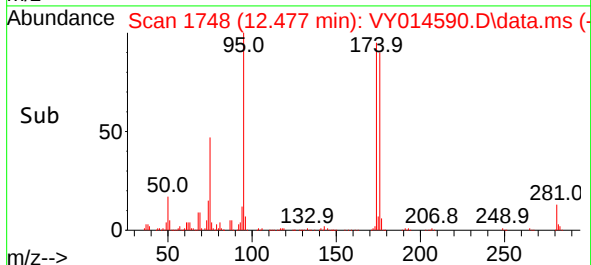
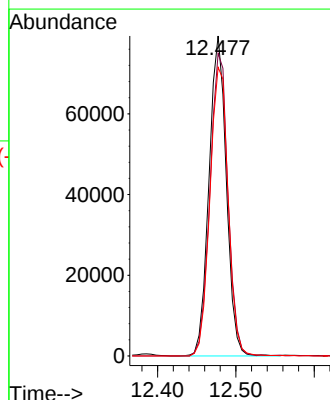
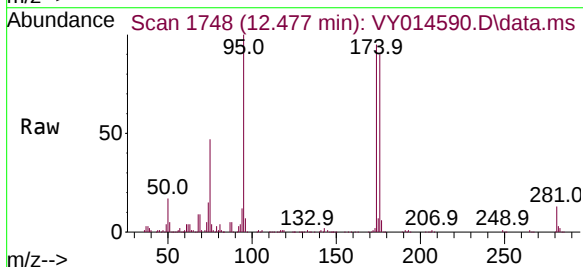
Tgt Ion: 95 Resp: 121689

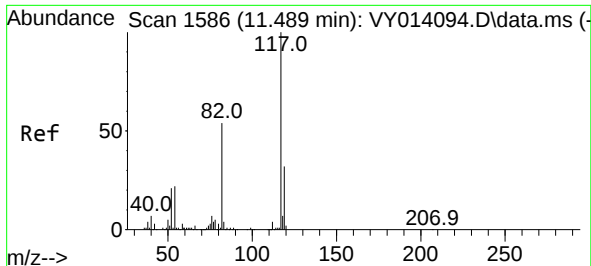
Ion Ratio Lower Upper

95 100

174 98.3 0.0 178.2

176 94.9 0.0 173.8

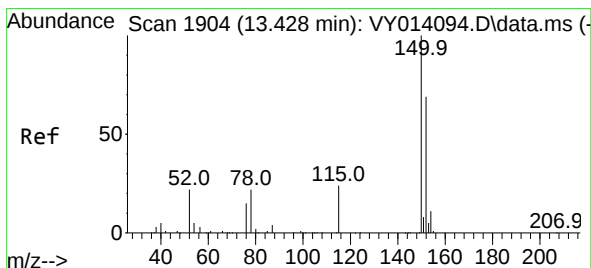
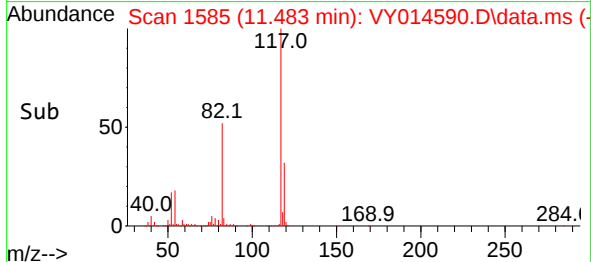
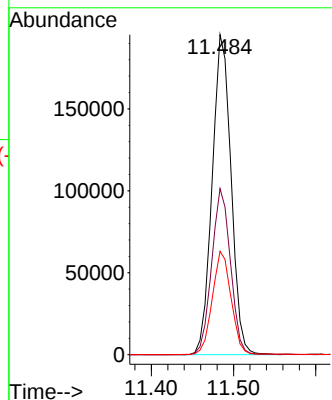
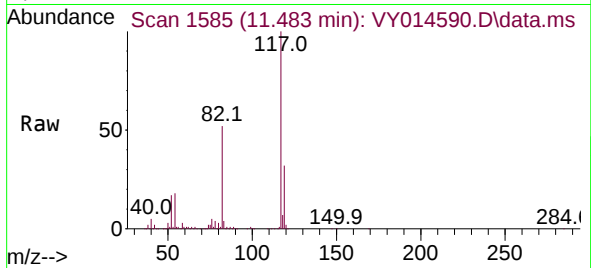




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014590.D
Acq: 06 Jul 2023 15:54

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-08-G

Tgt Ion:117 Resp: 312255
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 32.2 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: VY014590.D
Acq: 06 Jul 2023 15:54

Tgt Ion:152 Resp: 136666
Ion Ratio Lower Upper
152 100
115 56.0 28.8 86.5
150 156.0 0.0 348.8

