

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014412.D
 Acq On : 23 Jun 2023 17:01
 Operator : KP/MD
 Sample : 03329-23
 Misc : 8.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW01-8-15-GRAB-6

Quant Time: Jun 23 17:38:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

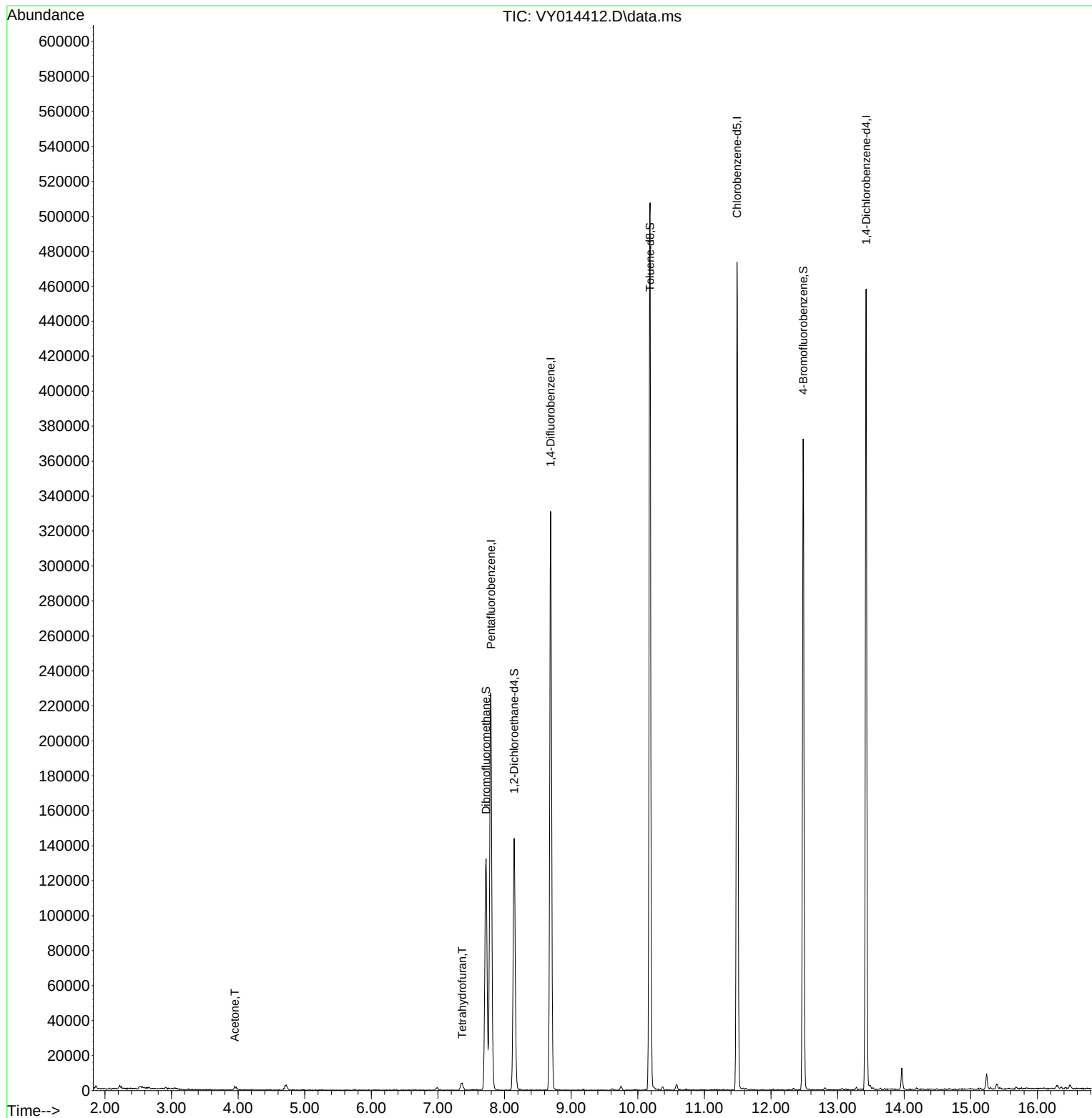
Internal Standards						
1) Pentafluorobenzene	7.795	168	178684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124014	55.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.800%
35) Dibromofluoromethane	7.722	113	87055	51.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.420%
50) Toluene-d8	10.185	98	329521	48.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.483	95	101064	41.892	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.780%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3735	5.350	ug/l #	81
29) Tetrahydrofuran	7.362	42	3134	6.045	ug/l #	90

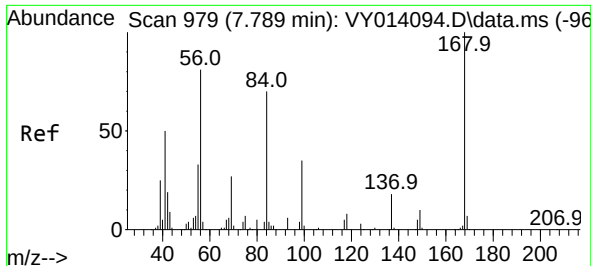
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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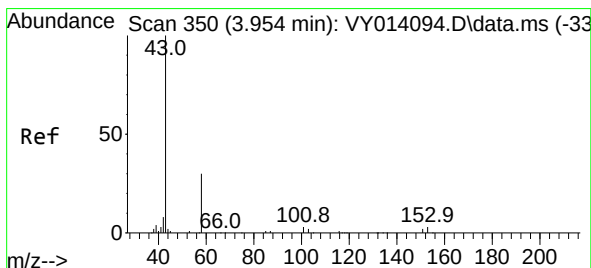
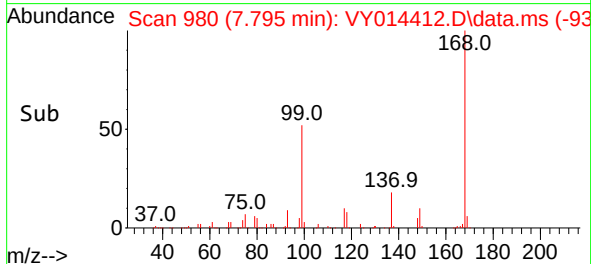
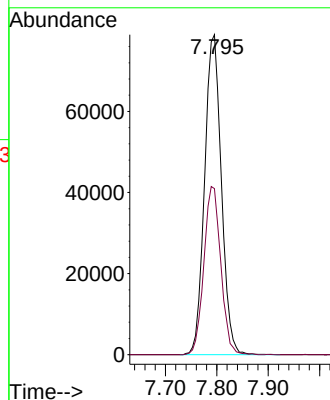
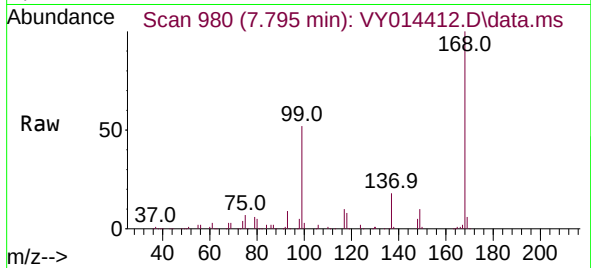




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014412.D
Acq: 23 Jun 2023 17:01

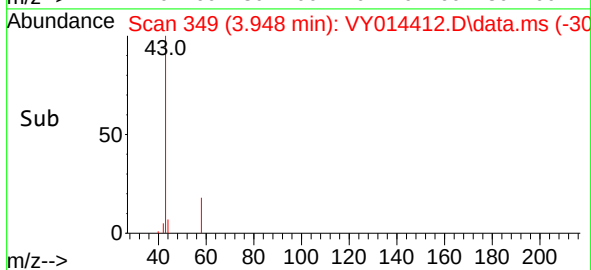
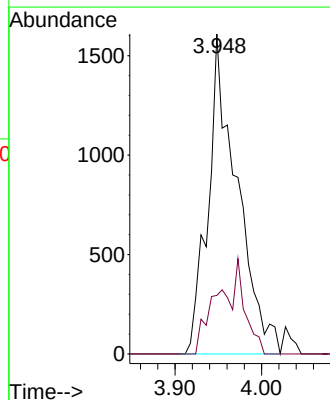
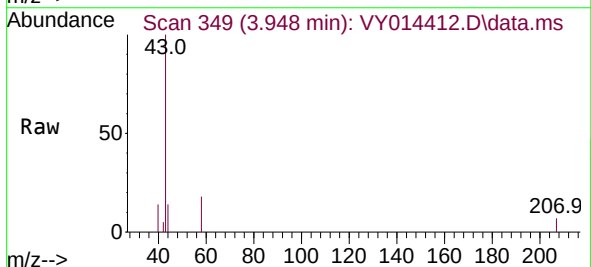
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-8-15-GRAB-6

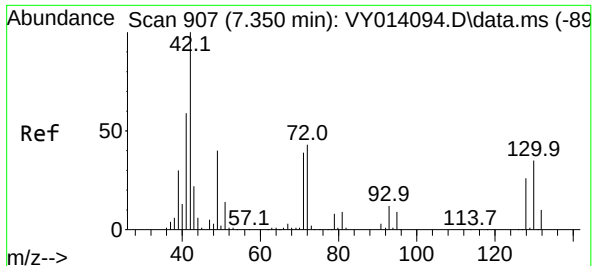
Tgt Ion:168 Resp: 178684
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#16
Acetone
Concen: 5.350 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014412.D
Acq: 23 Jun 2023 17:01

Tgt Ion: 43 Resp: 3735
Ion Ratio Lower Upper
43 100
58 18.3 22.7 34.1#





#29

Tetrahydrofuran

Concen: 6.045 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY014412.D

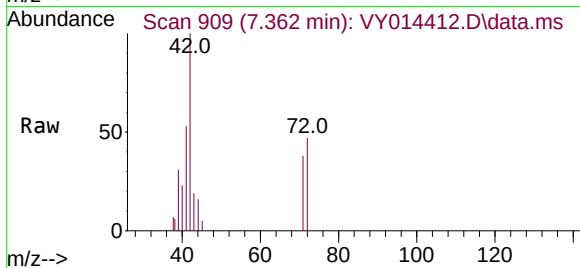
Acq: 23 Jun 2023 17:01

Instrument :

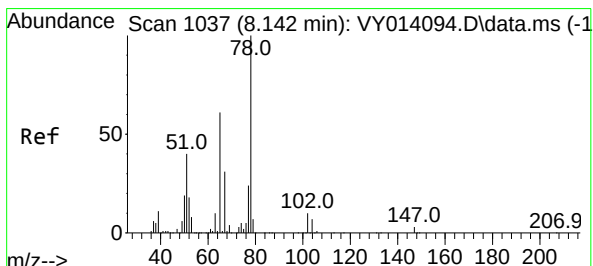
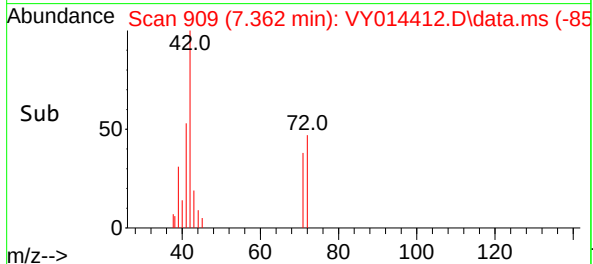
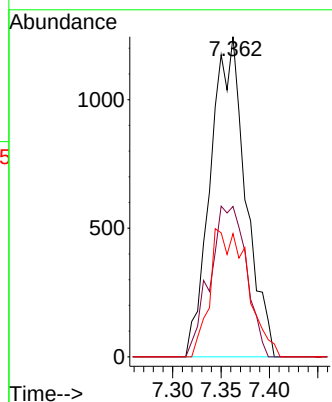
MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW01-8-15-GRAB-6



Tgt Ion:	42	Resp:	3134
Ion	Ratio	Lower	Upper
42	100		
72	49.3	32.8	49.2#
71	42.9	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 55.899 ug/l

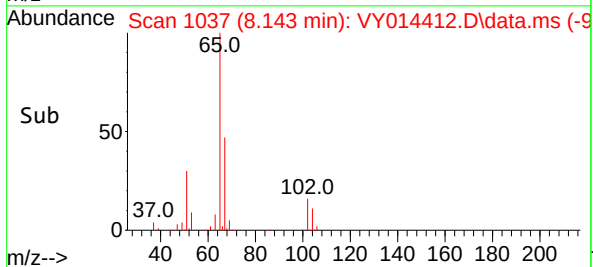
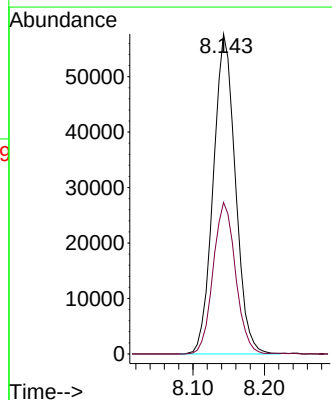
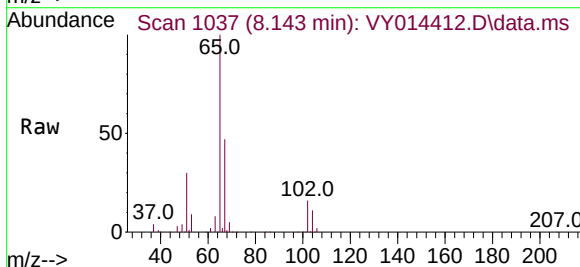
RT: 8.143 min Scan# 1037

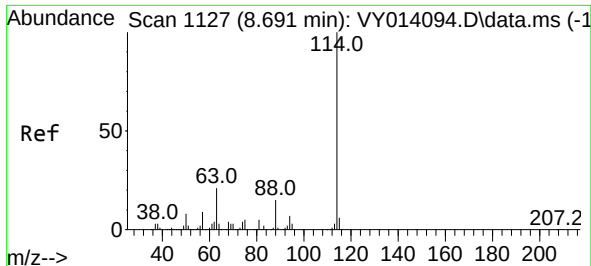
Delta R.T. 0.001 min

Lab File: VY014412.D

Acq: 23 Jun 2023 17:01

Tgt Ion:	65	Resp:	124014
Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014412.D

Acq: 23 Jun 2023 17:01

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW01-8-15-GRAB-6

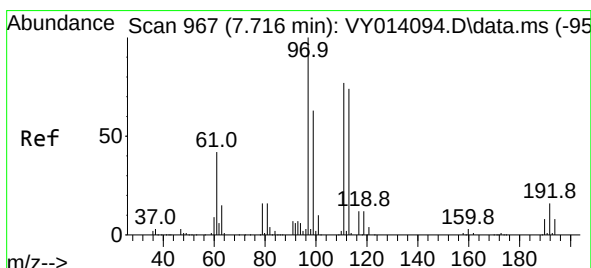
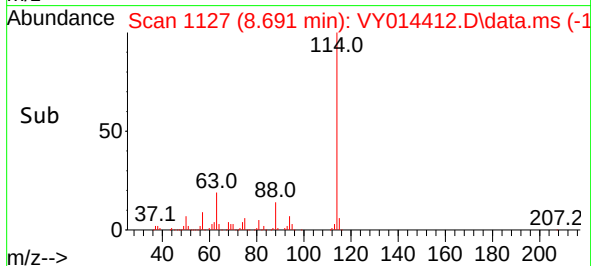
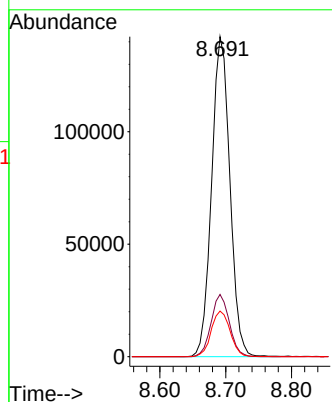
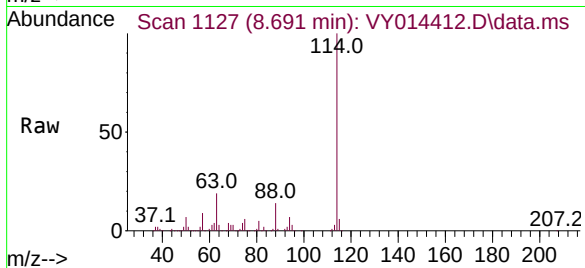
Tgt Ion:114 Resp: 275155

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.210 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014412.D

Acq: 23 Jun 2023 17:01

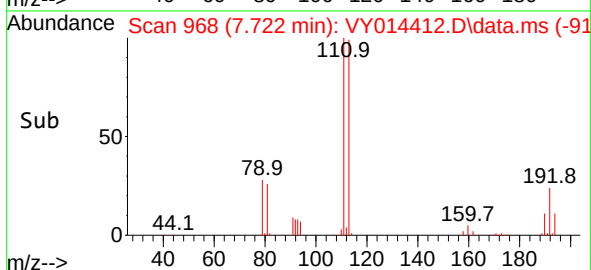
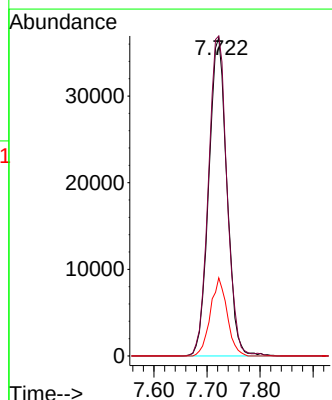
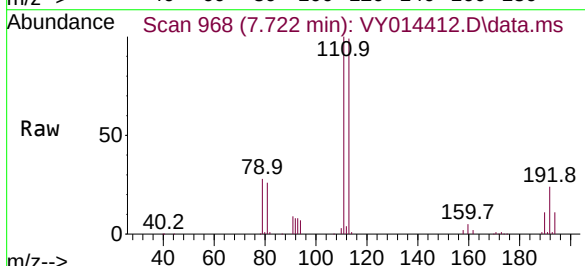
Tgt Ion:113 Resp: 87055

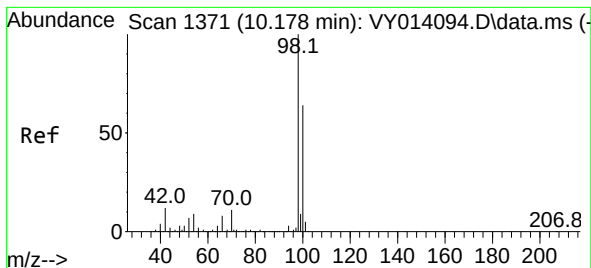
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 22.7 16.9 25.3





#50

Toluene-d8

Concen: 48.763 ug/l

RT: 10.185 min Scan# 1371

Delta R.T. 0.007 min

Lab File: VY014412.D

Acq: 23 Jun 2023 17:01

Instrument :

MSVOA_Y

ClientSampleId :

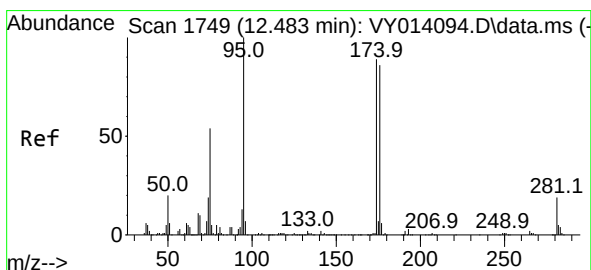
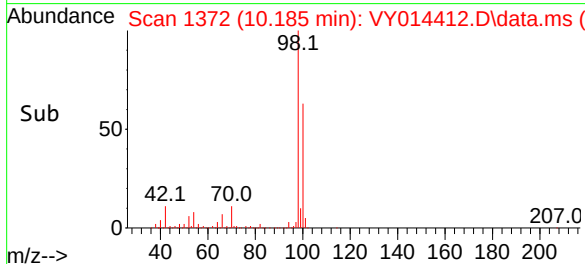
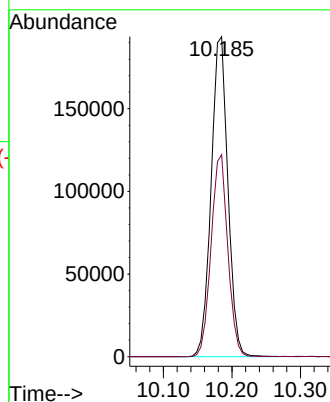
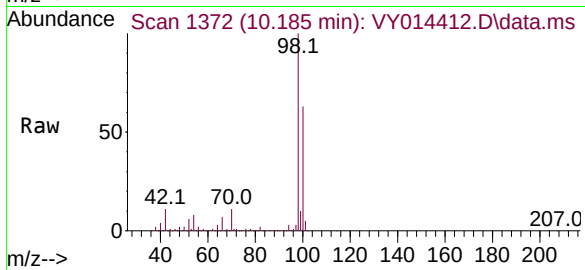
TOTAL-VOC-SW01-8-15-GRAB-6

Tgt Ion: 98 Resp: 329521

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 41.892 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014412.D

Acq: 23 Jun 2023 17:01

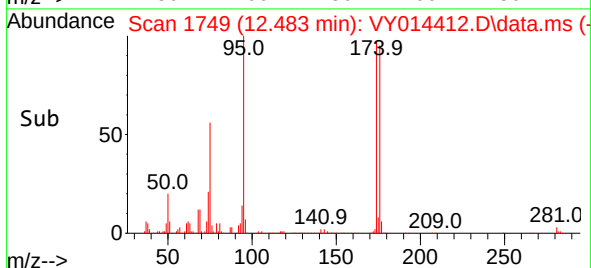
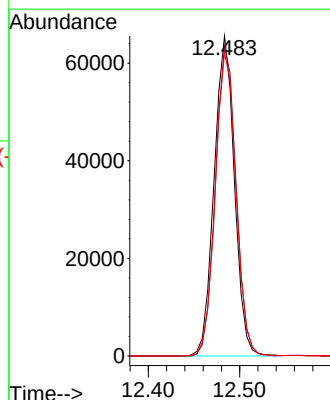
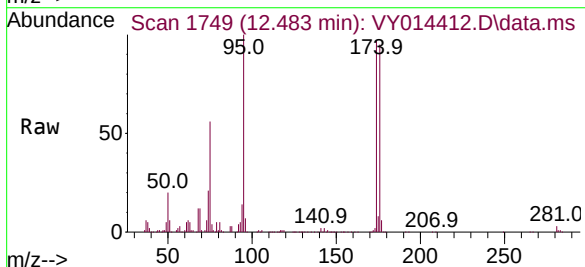
Tgt Ion: 95 Resp: 101064

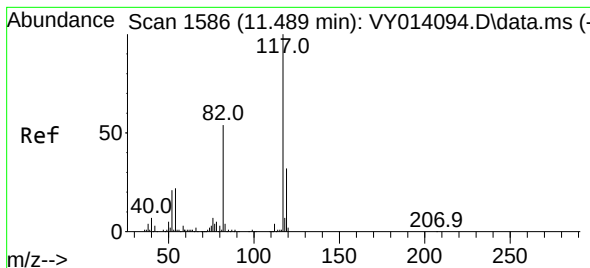
Ion Ratio Lower Upper

95 100

174 98.8 0.0 178.2

176 96.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1158

Delta R.T. 0.001 min

Lab File: VY014412.D

Acq: 23 Jun 2023 17:01

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW01-8-15-GRAB-6

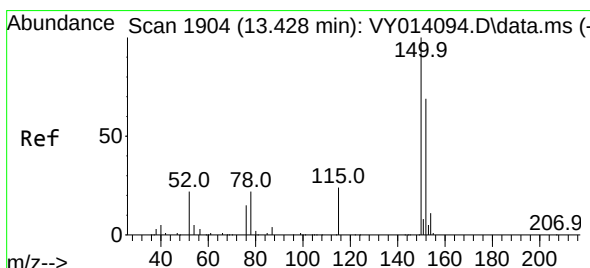
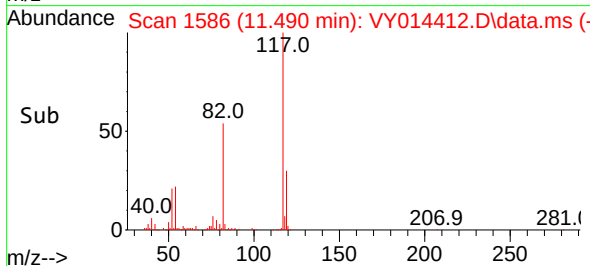
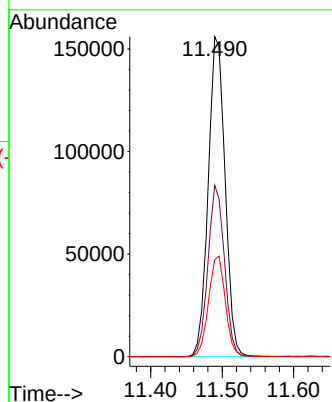
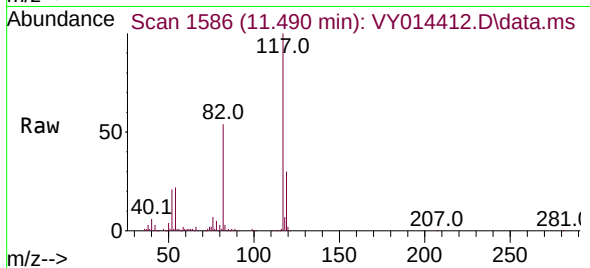
Tgt Ion:117 Resp: 255832

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 30.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014412.D

Acq: 23 Jun 2023 17:01

Tgt Ion:152 Resp: 115169

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 157.0 0.0 348.8

