

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014382.D
 Acq On : 22 Jun 2023 16:25
 Operator : KP/MD
 Sample : 03298-12
 Misc : 8.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-05-GRAB-7

Quant Time: Jun 22 17:26:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

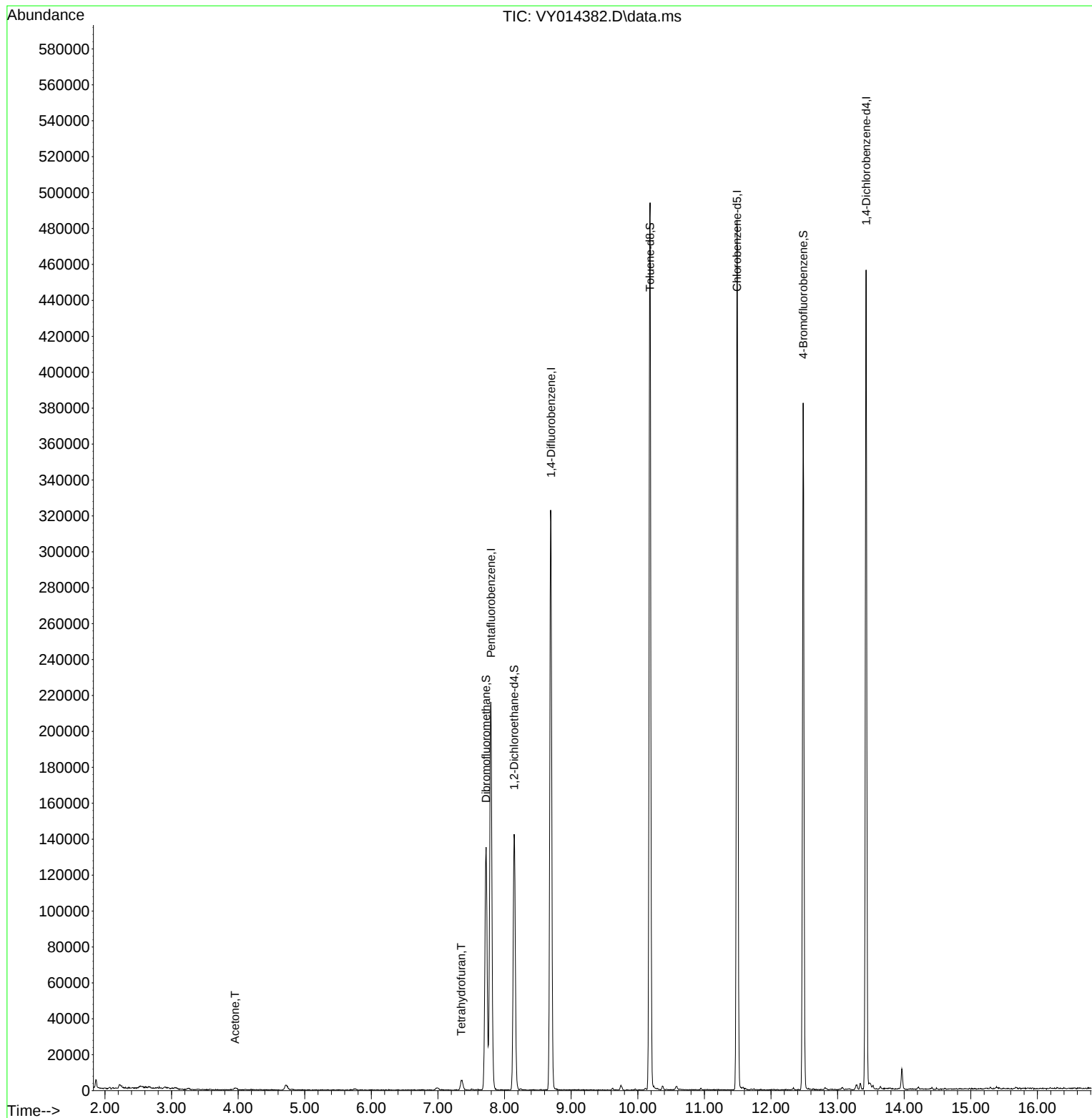
Internal Standards						
1) Pentafluorobenzene	7.795	168	173695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	276193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	258659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125782	52.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.000%
35) Dibromofluoromethane	7.722	113	89386	45.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.280%
50) Toluene-d8	10.185	98	327980	44.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.580%
62) 4-Bromofluorobenzene	12.483	95	103484	39.782	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.560%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	2372	3.253	ug/l	91
29) Tetrahydrofuran	7.350	42	4052	7.120	ug/l #	87

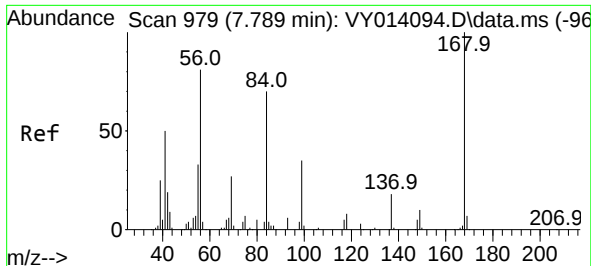
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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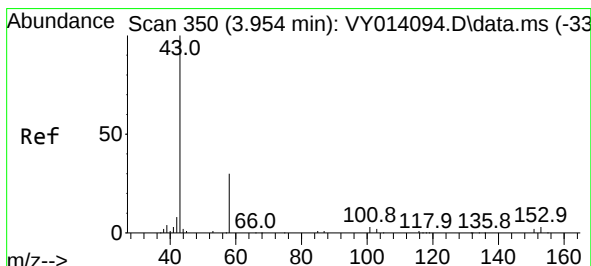
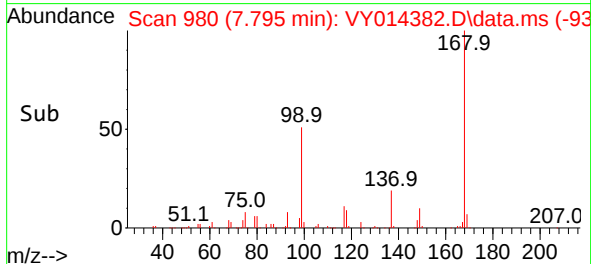
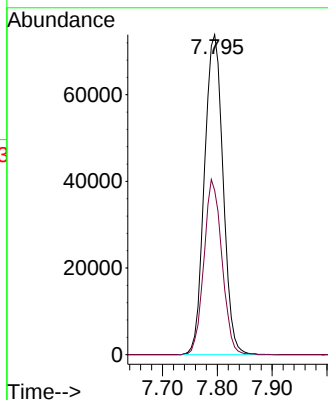
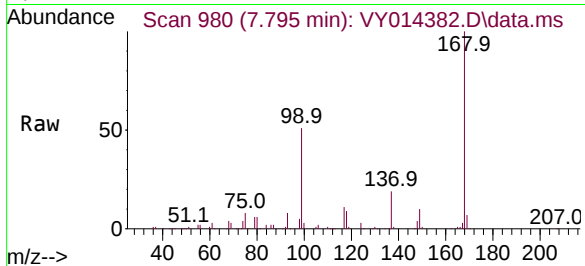




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

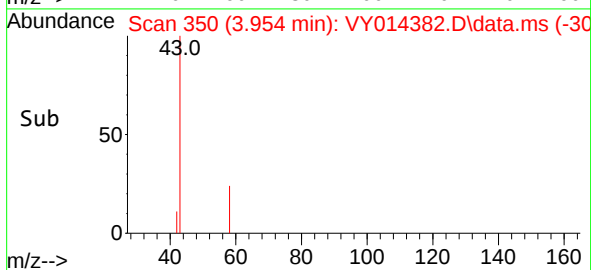
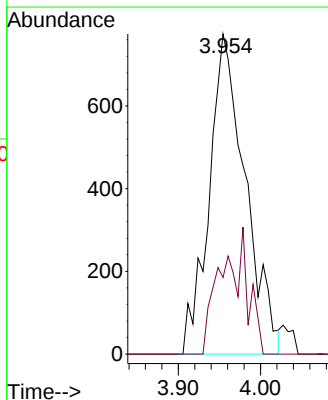
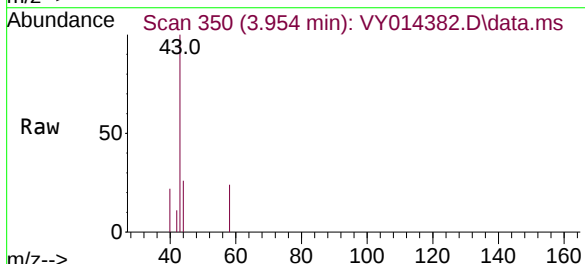
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

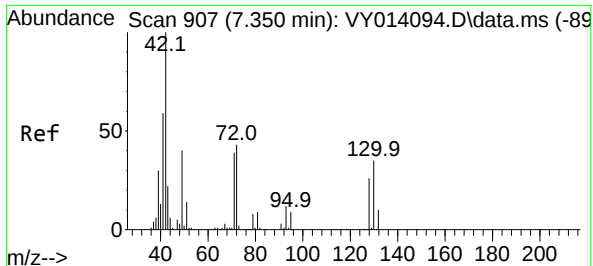
Tgt Ion:168 Resp: 173695
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#16
Acetone
Concen: 3.253 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Tgt Ion: 43 Resp: 2372
Ion Ratio Lower Upper
43 100
58 23.9 22.7 34.1





#29

Tetrahydrofuran

Concen: 7.120 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014382.D

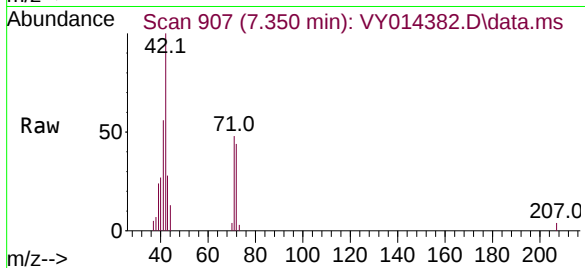
Acq: 22 Jun 2023 16:25

Instrument :

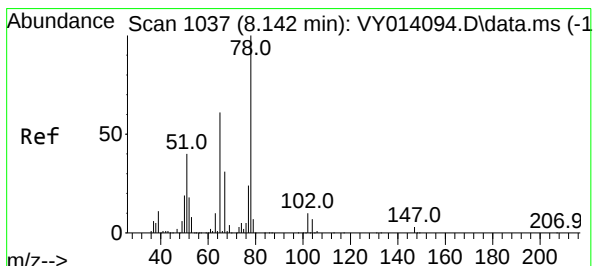
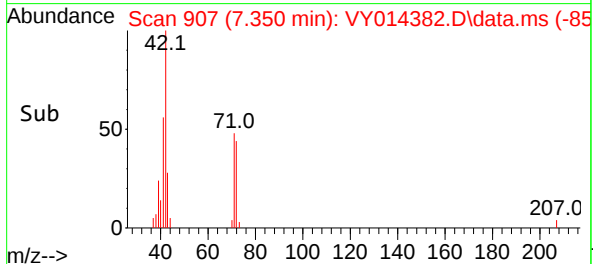
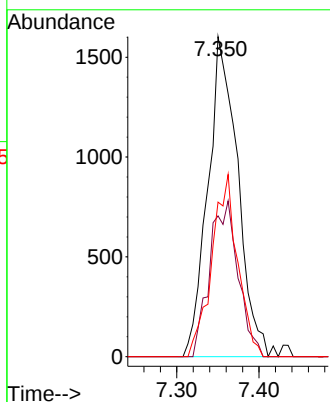
MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-05-GRAB-7



Tgt Ion:	42	Resp:	4052
Ion	Ratio	Lower	Upper
42	100		
72	46.4	32.8	49.2
71	49.2	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 52.003 ug/l

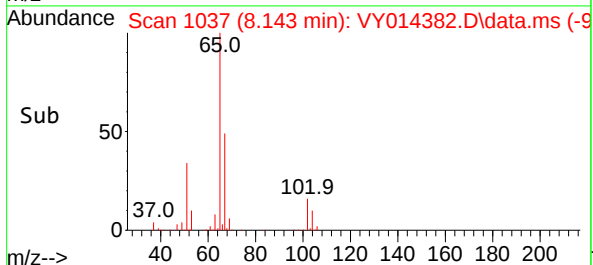
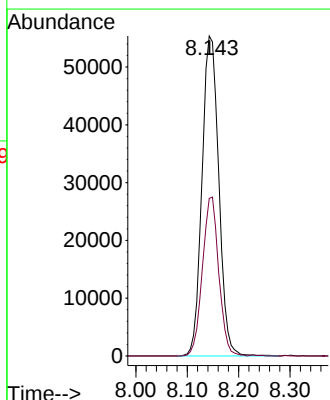
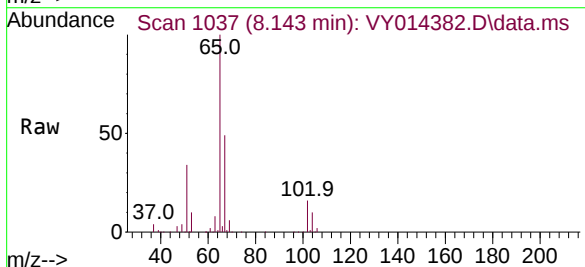
RT: 8.143 min Scan# 1037

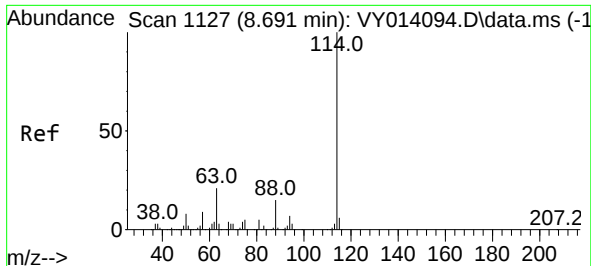
Delta R.T. 0.001 min

Lab File: VY014382.D

Acq: 22 Jun 2023 16:25

Tgt Ion:	65	Resp:	125782
Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	101.8

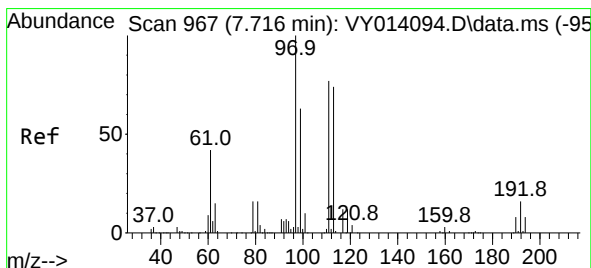
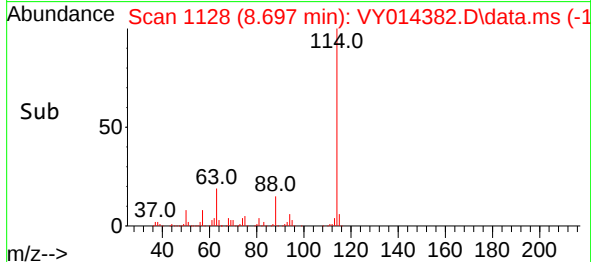
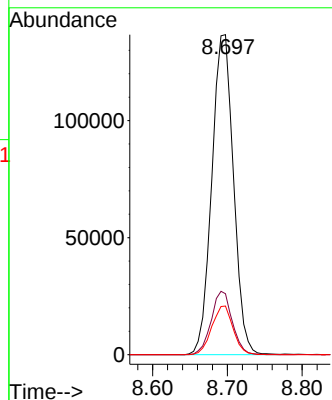
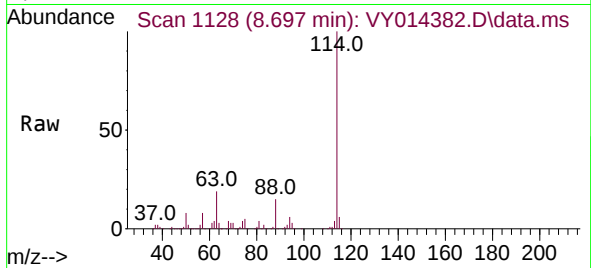




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

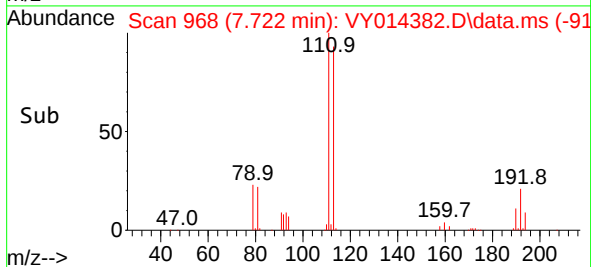
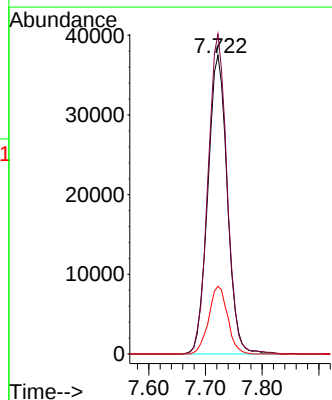
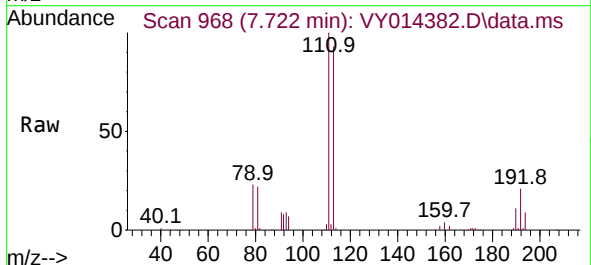
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-7

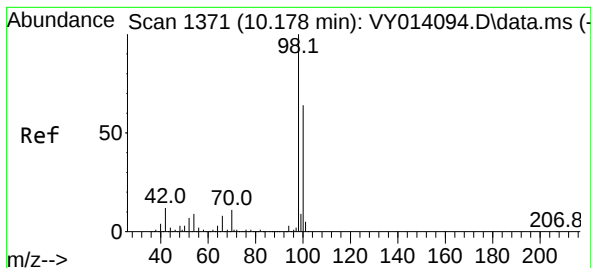
Tgt Ion:114 Resp: 276193
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.635 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014382.D
Acq: 22 Jun 2023 16:25

Tgt Ion:113 Resp: 89386
Ion Ratio Lower Upper
113 100
111 105.1 81.3 121.9
192 22.0 16.9 25.3





#50

Toluene-d8

Concen: 44.789 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014382.D

Acq: 22 Jun 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

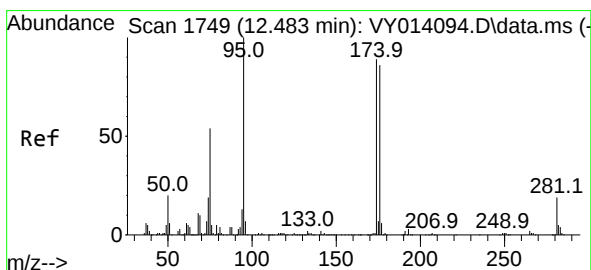
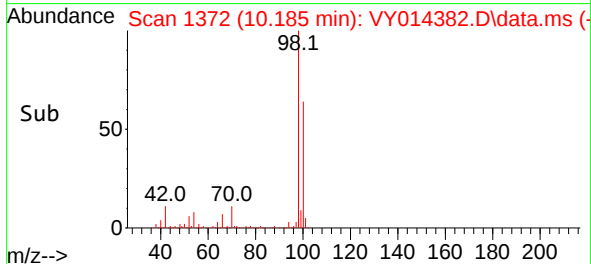
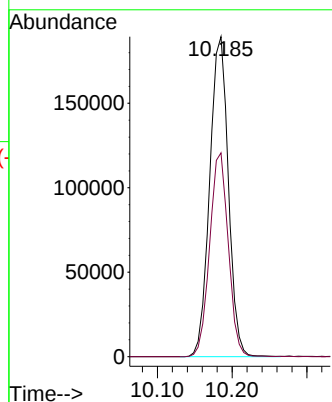
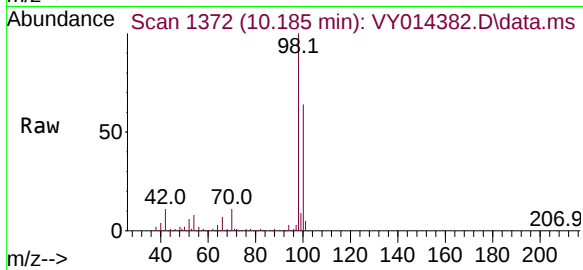
TOTAL-VOC-TW-05-GRAB-7

Tgt Ion: 98 Resp: 327980

Ion Ratio Lower Upper

98 100

100 63.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.782 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014382.D

Acq: 22 Jun 2023 16:25

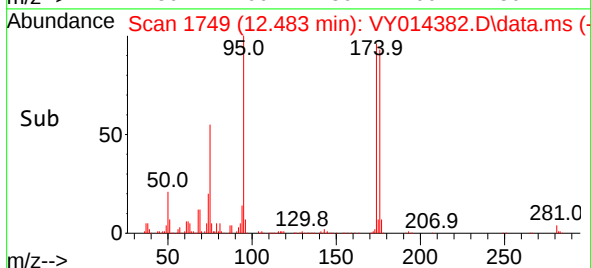
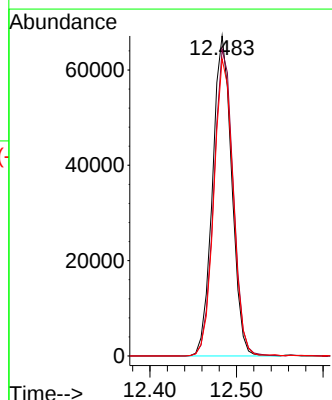
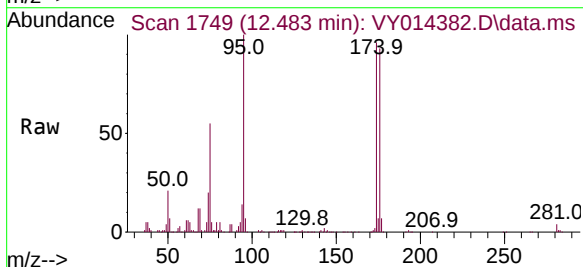
Tgt Ion: 95 Resp: 103484

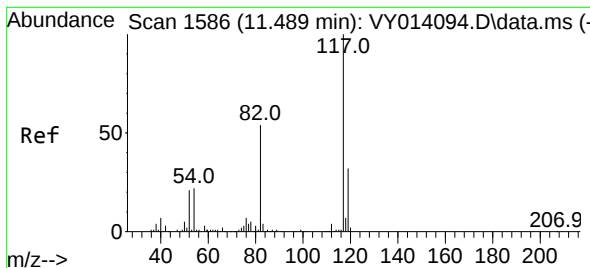
Ion Ratio Lower Upper

95 100

174 96.9 0.0 178.2

176 93.2 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: VY014382.D

Acq: 22 Jun 2023 16:25

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-05-GRAB-7

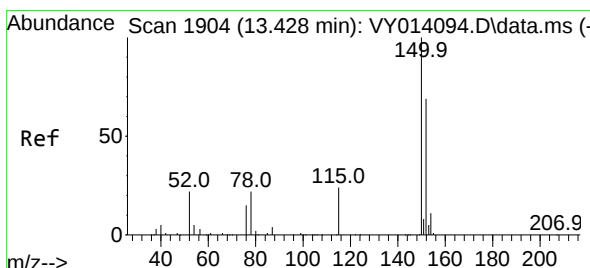
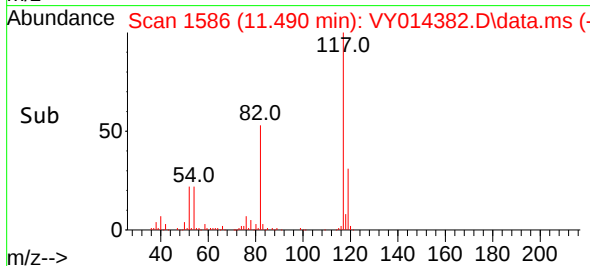
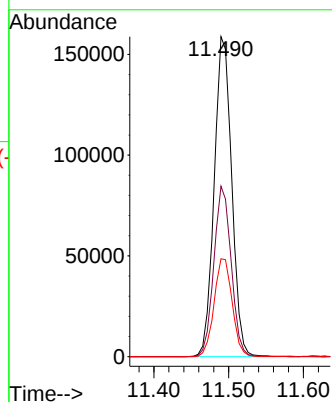
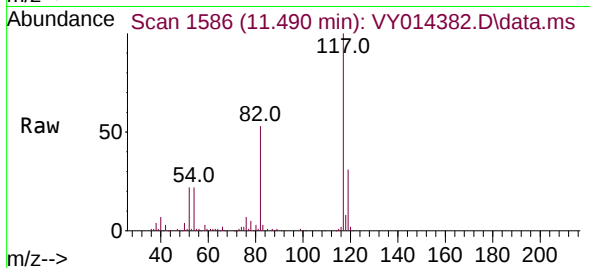
Tgt Ion:117 Resp: 258659

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 30.6 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: VY014382.D

Acq: 22 Jun 2023 16:25

Tgt Ion:152 Resp: 118518

Ion Ratio Lower Upper

152 100

115 54.7 28.8 86.5

150 155.0 0.0 348.8

