

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014310.D
 Acq On : 21 Jun 2023 02:49
 Operator : KP/MD
 Sample : 03328-06
 Misc : 6.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW02-8-15-GRAB-7

Quant Time: Jun 21 05:09:36 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)

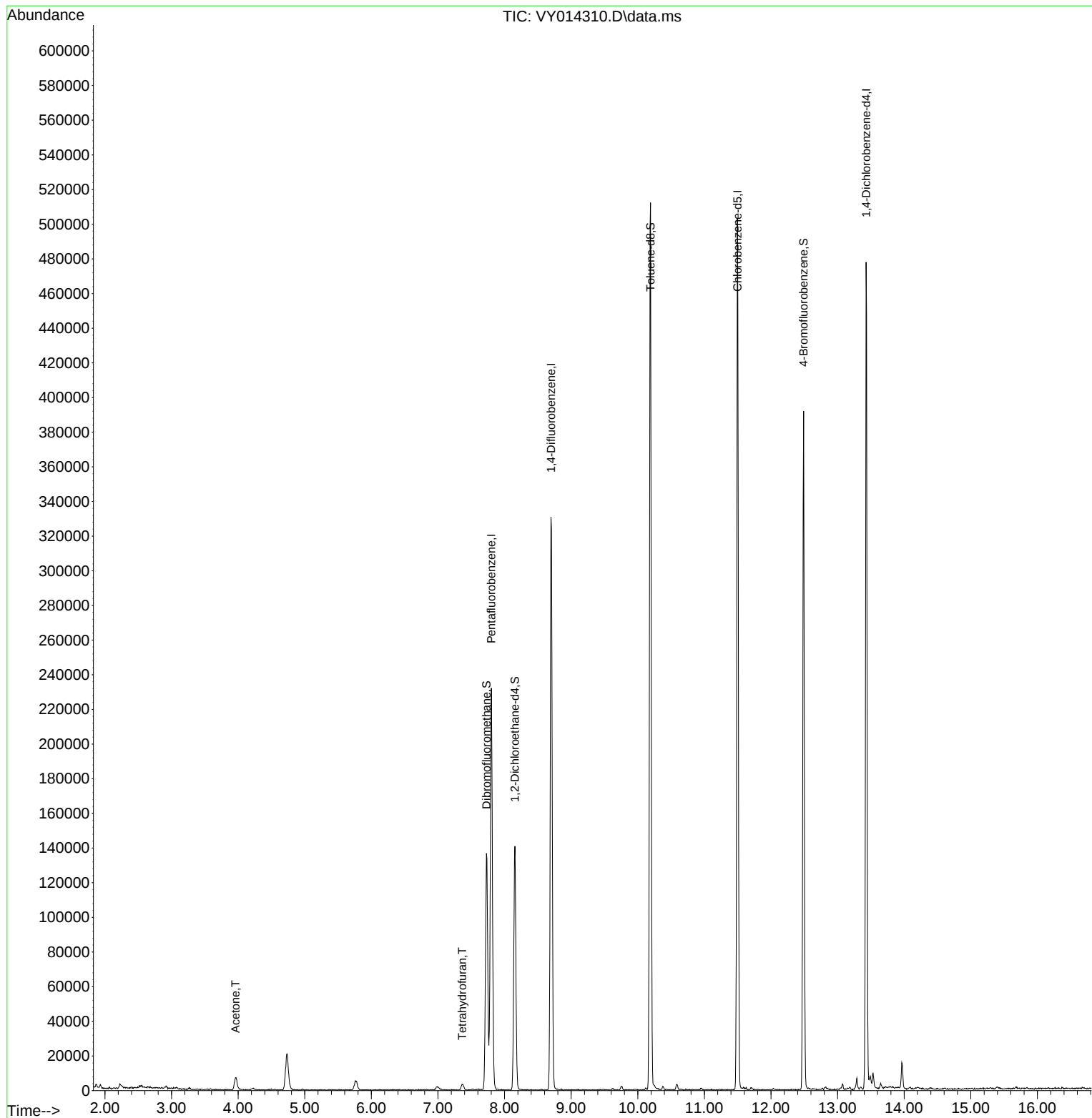
Internal Standards						
1) Pentafluorobenzene	7.801	168	176665	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	282045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	261256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	117994	47.963	ug/l	0.01
Spiked Amount 50.000	Range	50 - 163	Recovery	=	95.920%	
35) Dibromofluoromethane	7.728	113	92495	46.243	ug/l	0.01
Spiked Amount 50.000	Range	54 - 147	Recovery	=	92.480%	
50) Toluene-d8	10.191	98	340332	45.512	ug/l	0.01
Spiked Amount 50.000	Range	58 - 134	Recovery	=	91.020%	
62) 4-Bromofluorobenzene	12.489	95	105229	39.614	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	=	79.220%	
Target Compounds						
16) Acetone	3.960	43	13611	18.355	ug/l	94
29) Tetrahydrofuran	7.362	42	2659	4.594	ug/l	99

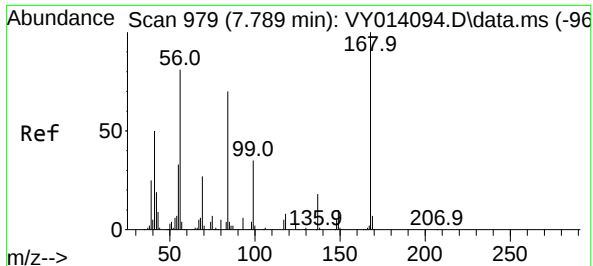
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
Data File : VY014310.D
Acq On : 21 Jun 2023 02:49
Operator : KP/MD
Sample : 03328-06
Misc : 6.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW02-8-15-GRAB-7

Quant Time: Jun 21 05:09:36 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

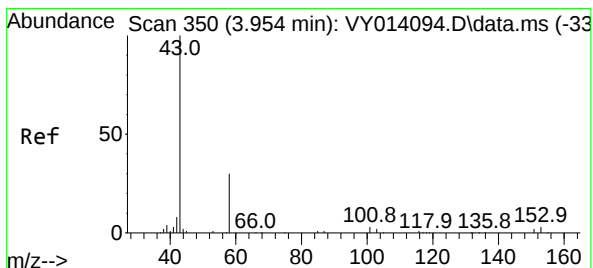
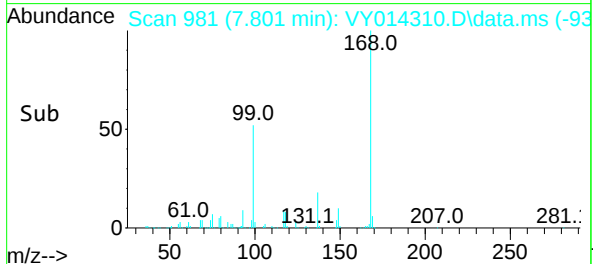
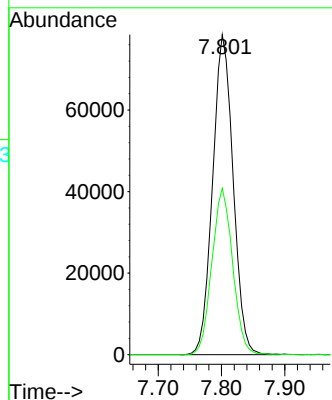
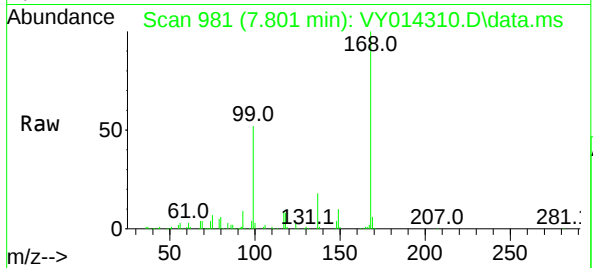




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014310.D
Acq: 21 Jun 2023 02:49

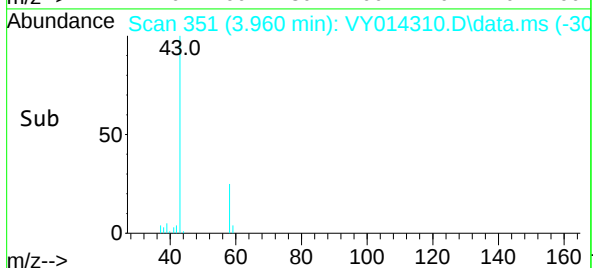
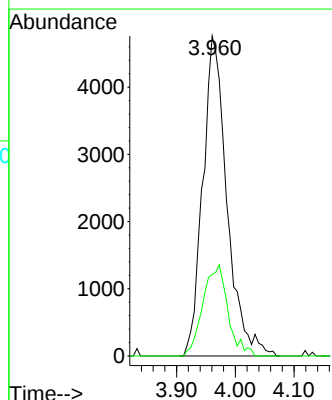
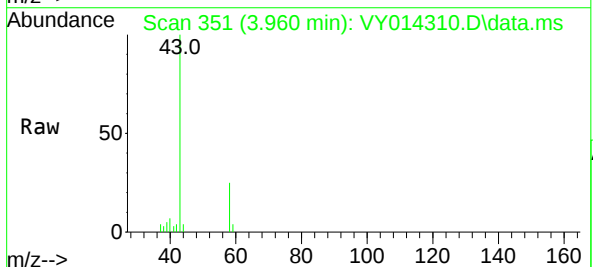
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW02-8-15-GRAB-7

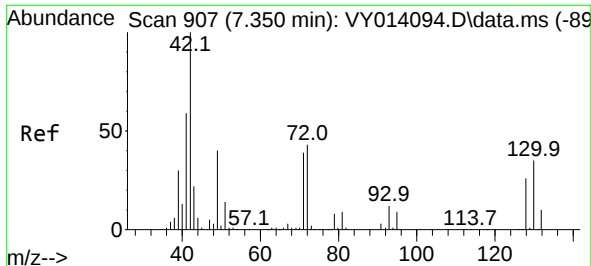
Tgt Ion:168 Resp: 176665
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#16
Acetone
Concen: 18.355 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014310.D
Acq: 21 Jun 2023 02:49

Tgt Ion: 43 Resp: 13611
Ion Ratio Lower Upper
43 100
58 25.5 22.7 34.1





#29

Tetrahydrofuran

Concen: 4.594 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY014310.D

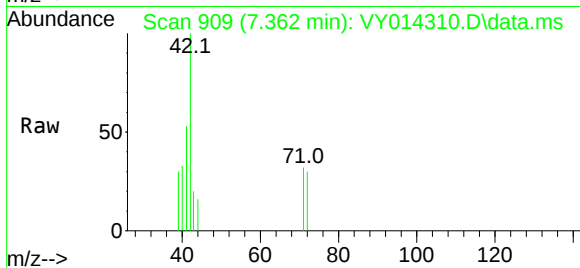
Acq: 21 Jun 2023 02:49

Instrument :

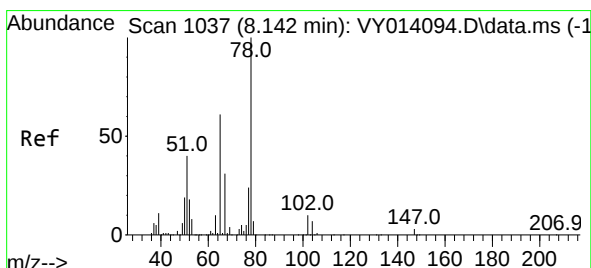
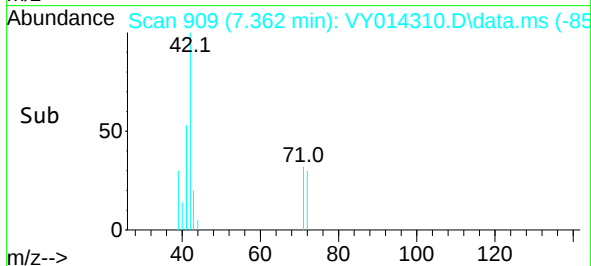
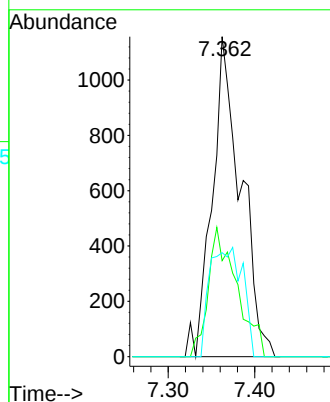
MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW02-8-15-GRAB-7



Tgt Ion:	42	Resp:	2659
Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.8	49.2
71	39.2	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 47.963 ug/l

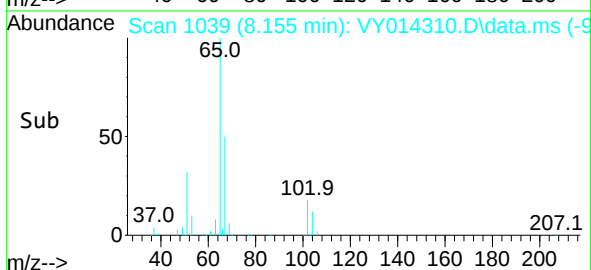
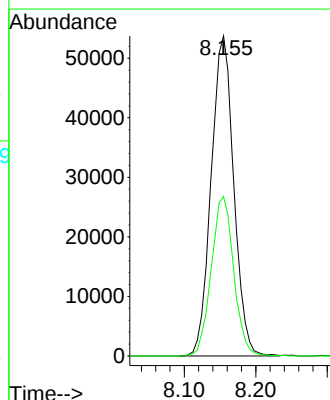
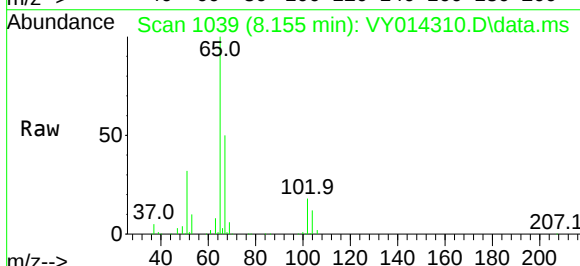
RT: 8.155 min Scan# 1039

Delta R.T. 0.013 min

Lab File: VY014310.D

Acq: 21 Jun 2023 02:49

Tgt Ion:	65	Resp:	117994
Ion	Ratio	Lower	Upper
65	100		
67	49.4	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: VY014310.D

Acq: 21 Jun 2023 02:49

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW02-8-15-GRAB-7

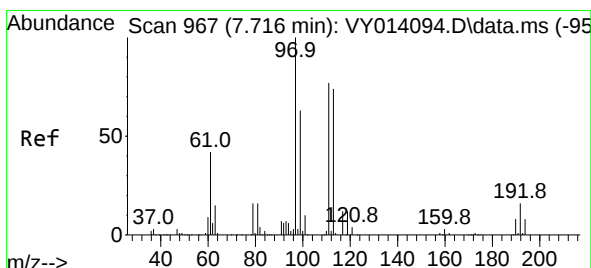
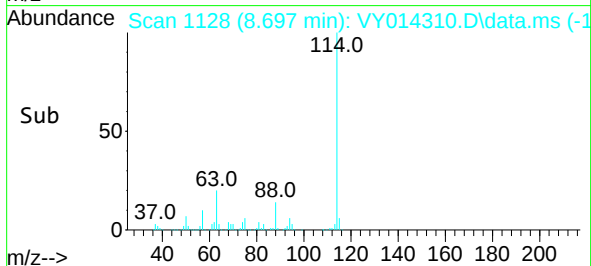
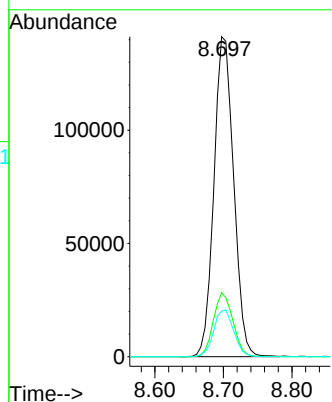
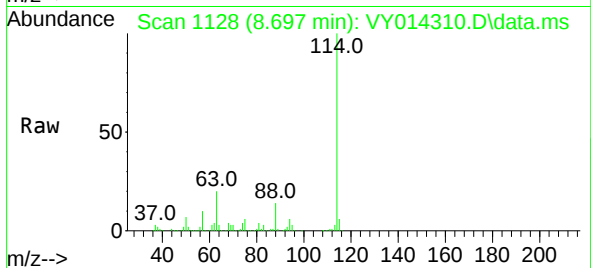
Tgt Ion:114 Resp: 282045

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.243 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014310.D

Acq: 21 Jun 2023 02:49

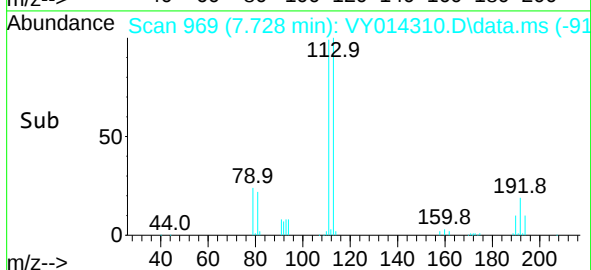
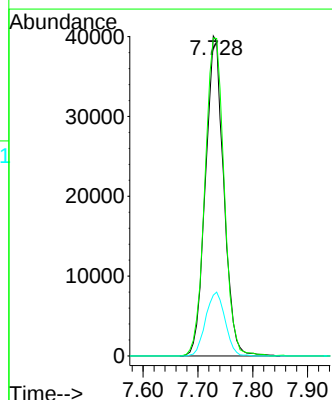
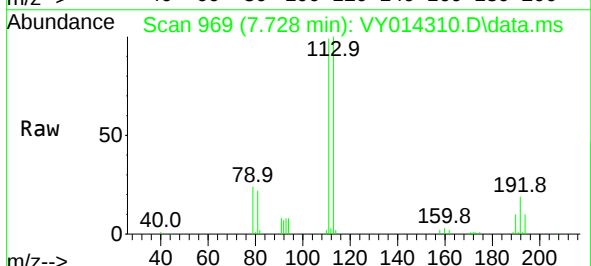
Tgt Ion:113 Resp: 92495

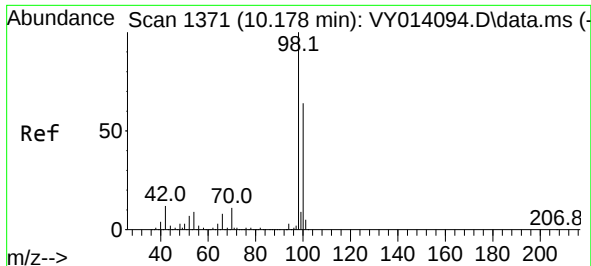
Ion Ratio Lower Upper

113 100

111 104.5 81.3 121.9

192 21.3 16.9 25.3

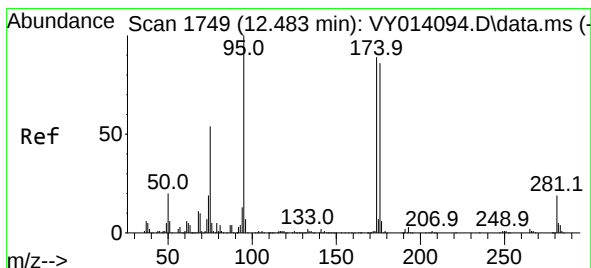
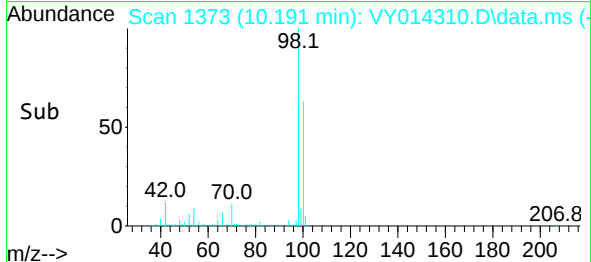
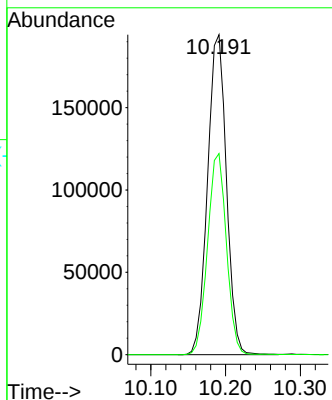
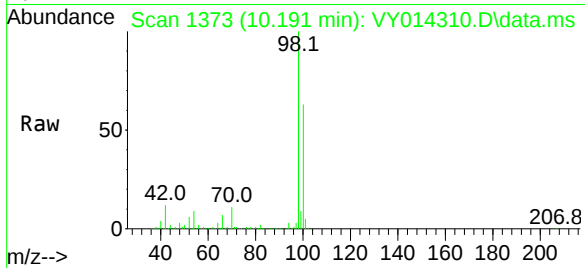




#50
Toluene-d8
Concen: 45.512 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014310.D
Acq: 21 Jun 2023 02:49

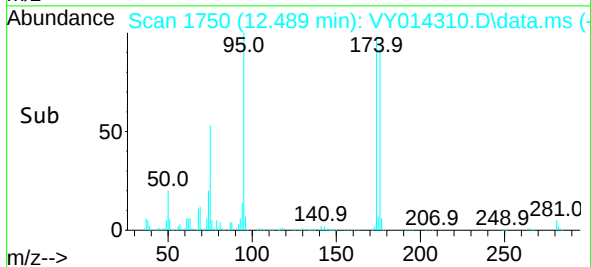
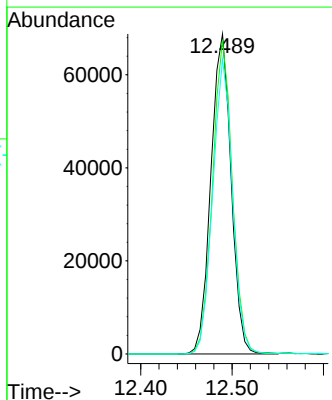
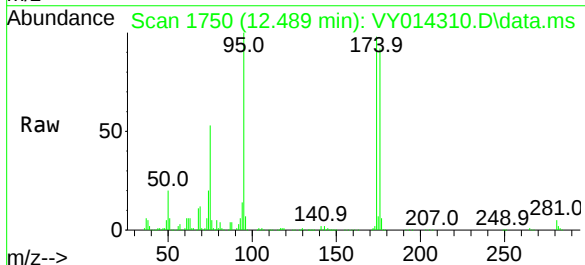
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW02-8-15-GRAB-7

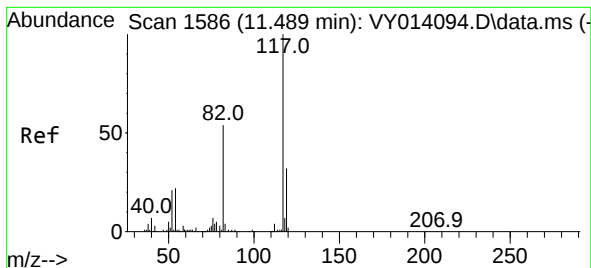
Tgt Ion: 98 Resp: 340332
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.614 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014310.D
Acq: 21 Jun 2023 02:49

Tgt Ion: 95 Resp: 105229
Ion Ratio Lower Upper
95 100
174 96.6 0.0 178.2
176 90.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014310.D

Acq: 21 Jun 2023 02:49

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW02-8-15-GRAB-7

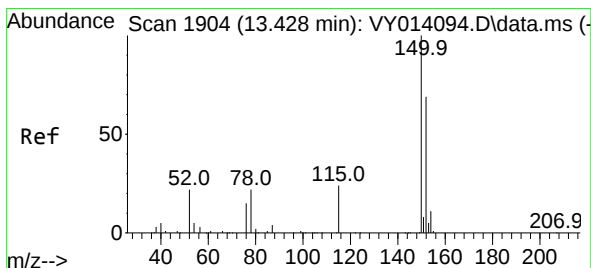
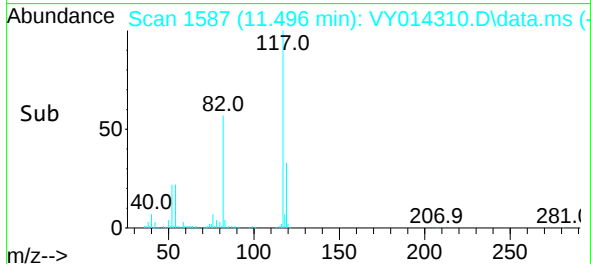
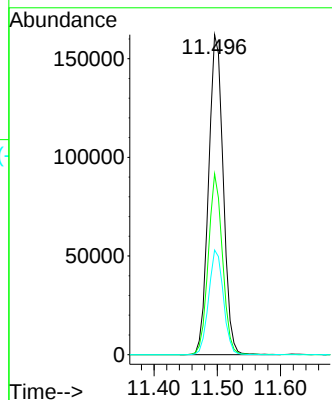
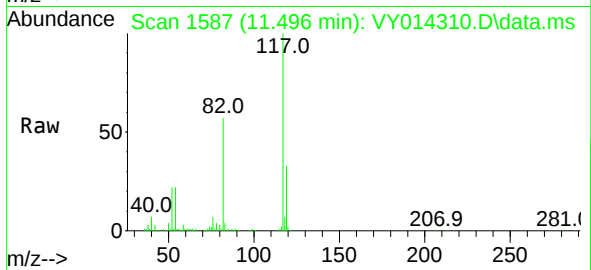
Tgt Ion:117 Resp: 261256

Ion Ratio Lower Upper

117 100

82 56.5 43.4 65.0

119 32.7 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: VY014310.D

Acq: 21 Jun 2023 02:49

Tgt Ion:152 Resp: 122288

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 154.9 0.0 348.8

