

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014378.D
 Acq On : 22 Jun 2023 14:52
 Operator : KP/MD
 Sample : 03296-17RE
 Misc : 12.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-01-GRAB-6RE

Quant Time: Jun 22 17:19:21 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)

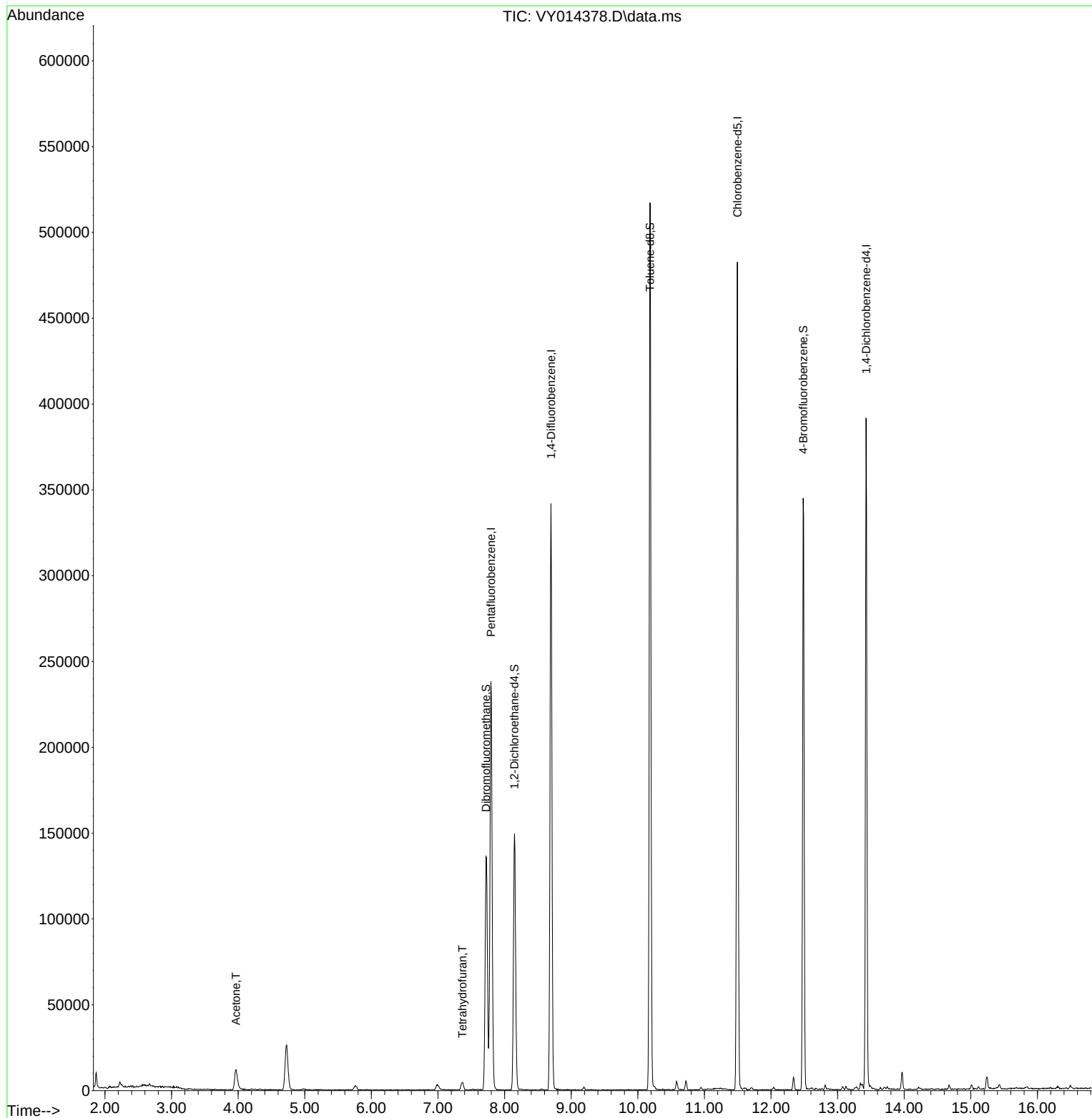
Internal Standards						
1) Pentafluorobenzene	7.795	168	183331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	283358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	254703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126927	49.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.440%
35) Dibromofluoromethane	7.722	113	94267	46.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.820%
50) Toluene-d8	10.185	98	335138	44.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.220%
62) 4-Bromofluorobenzene	12.483	95	97340	36.474	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.940%
Target Compounds						
					Qvalue	
16) Acetone	3.967	43	23432	30.450	ug/l	89
29) Tetrahydrofuran	7.368	42	3863	6.431	ug/l #	83

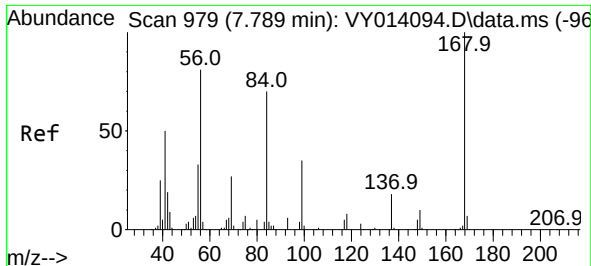
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
Data File : VY014378.D
Acq On : 22 Jun 2023 14:52
Operator : KP/MD
Sample : 03296-17RE
Misc : 12.31g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-01-GRAB-6RE

Quant Time: Jun 22 17:19:21 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

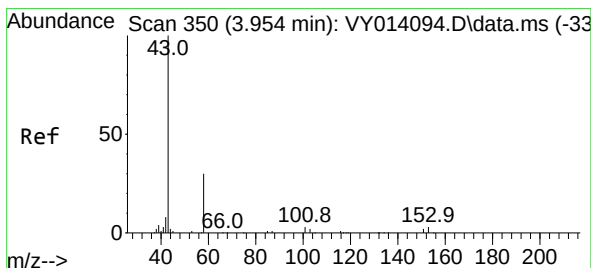
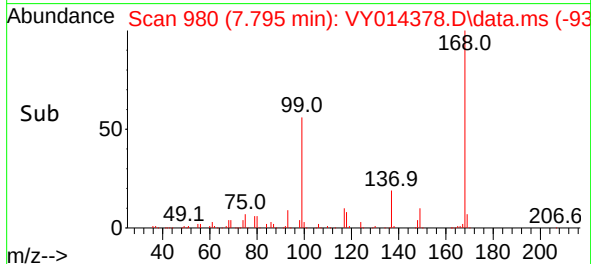
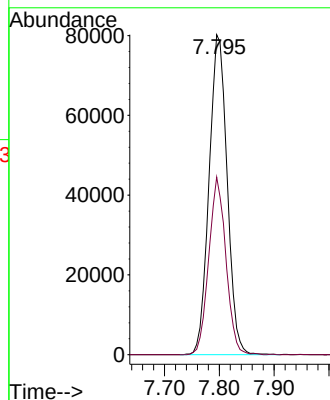
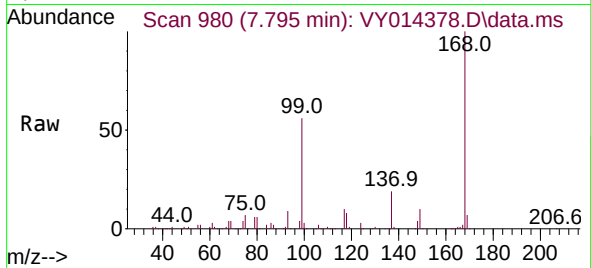




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014378.D
Acq: 22 Jun 2023 14:52

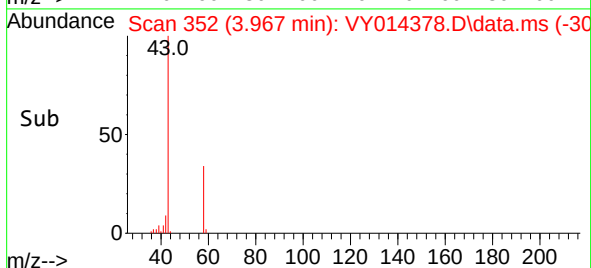
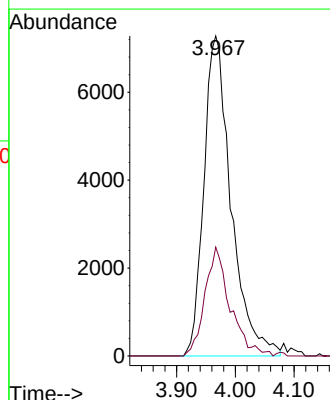
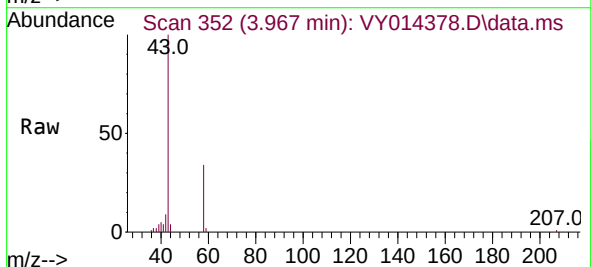
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-01-GRAB-6RE

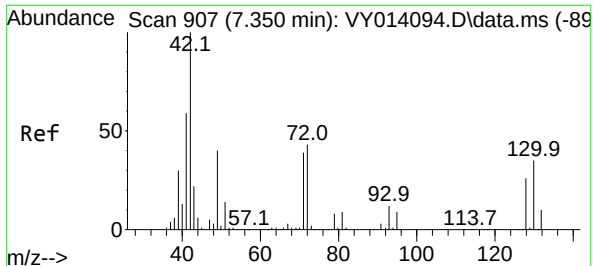
Tgt Ion:168 Resp: 183331
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#16
Acetone
Concen: 30.450 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY014378.D
Acq: 22 Jun 2023 14:52

Tgt Ion: 43 Resp: 23432
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1





#29

Tetrahydrofuran

Concen: 6.431 ug/l

RT: 7.368 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY014378.D

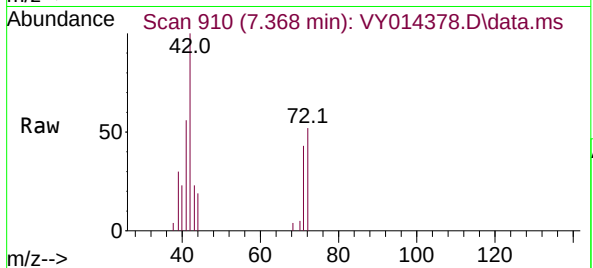
Acq: 22 Jun 2023 14:52

Instrument :

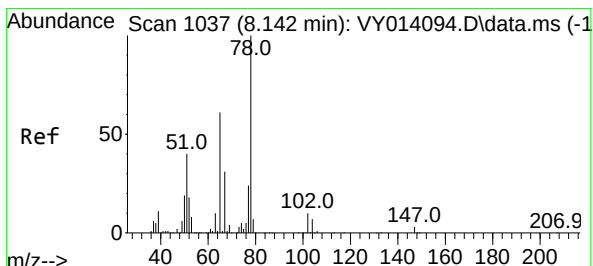
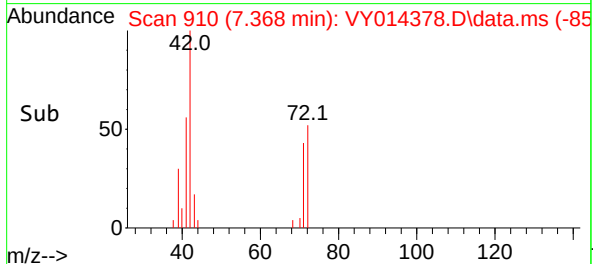
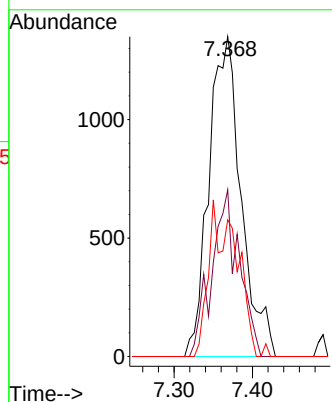
MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-01-GRAB-6RE



Tgt Ion:	42	Resp:	3863
Ion	Ratio	Lower	Upper
42	100		
72	44.5	32.8	49.2
71	20.4	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 49.719 ug/l

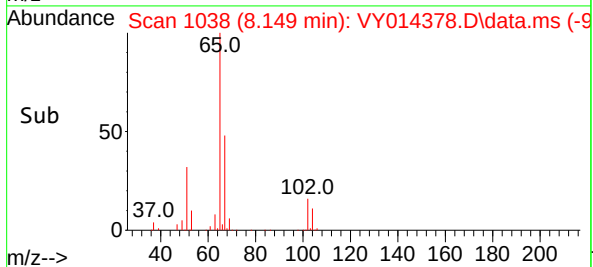
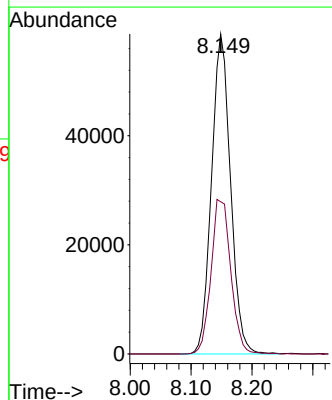
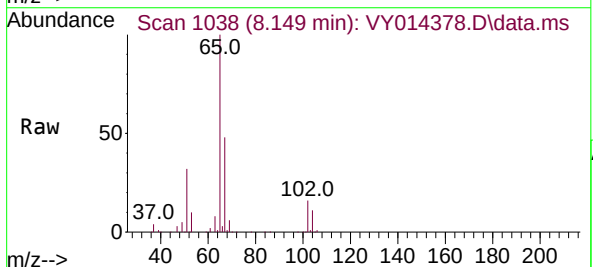
RT: 8.149 min Scan# 1038

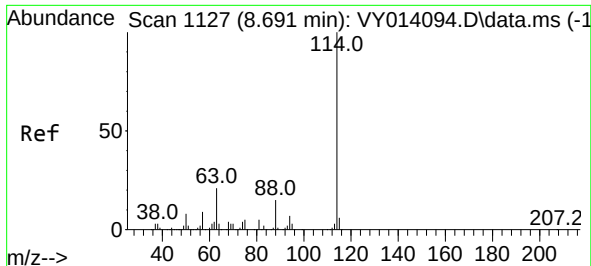
Delta R.T. 0.007 min

Lab File: VY014378.D

Acq: 22 Jun 2023 14:52

Tgt Ion:	65	Resp:	126927
Ion	Ratio	Lower	Upper
65	100		
67	50.4	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: VY014378.D

Acq: 22 Jun 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-01-GRAB-6RE

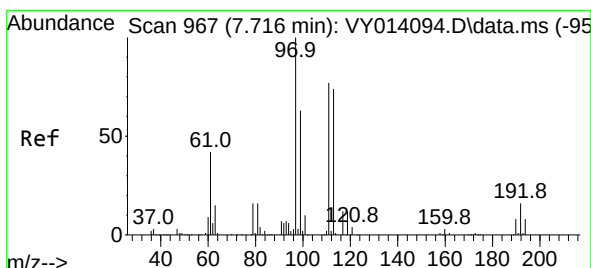
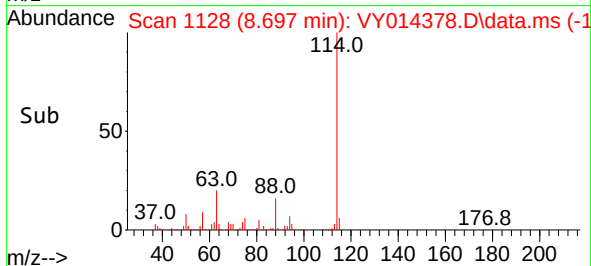
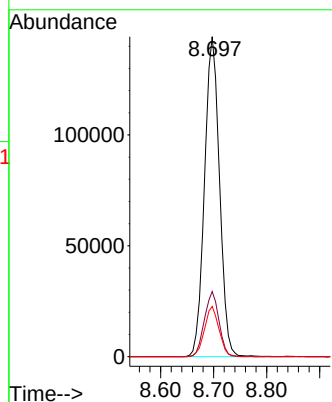
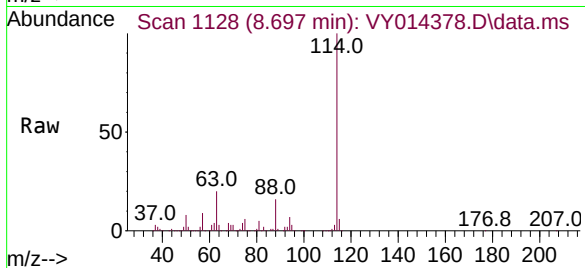
Tgt Ion:114 Resp: 283358

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.910 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014378.D

Acq: 22 Jun 2023 14:52

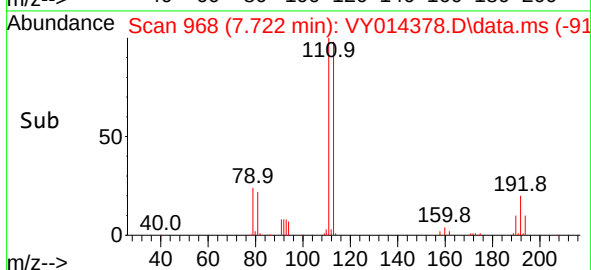
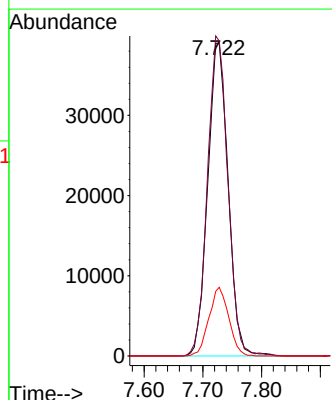
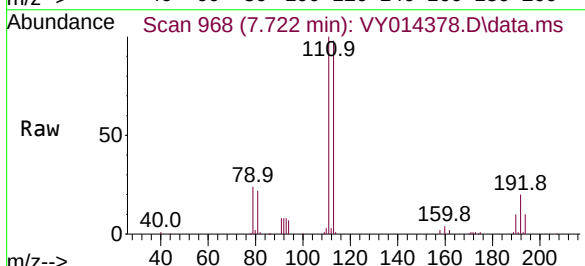
Tgt Ion:113 Resp: 94267

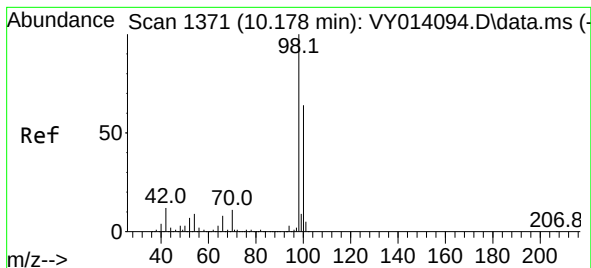
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 21.3 16.9 25.3





#50

Toluene-d8

Concen: 44.609 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014378.D

Acq: 22 Jun 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

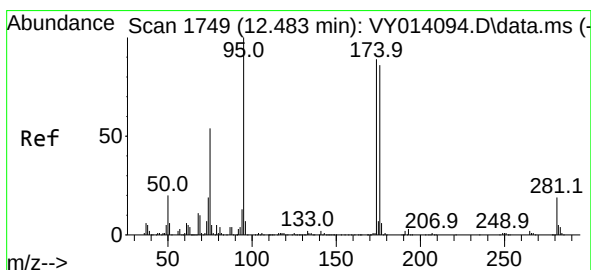
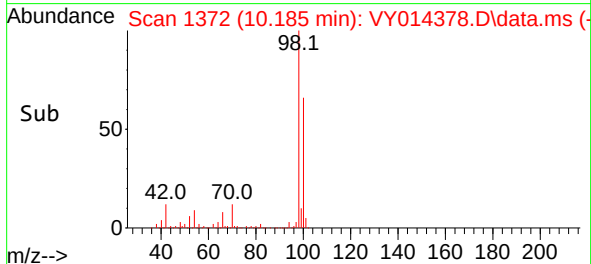
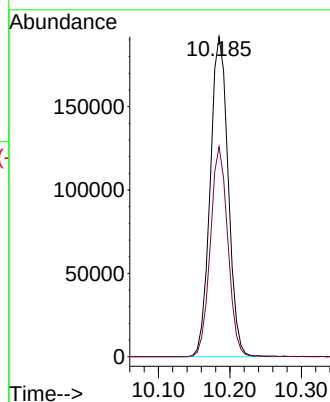
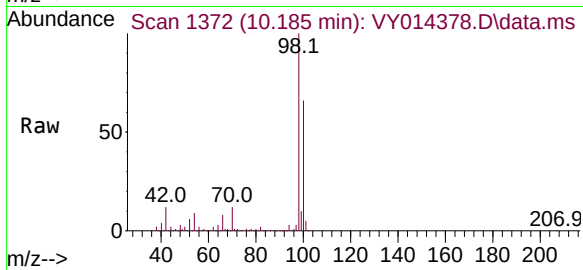
TOTAL-VOC-TW-01-GRAB-6RE

Tgt Ion: 98 Resp: 335138

Ion Ratio Lower Upper

98 100

100 63.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 36.474 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014378.D

Acq: 22 Jun 2023 14:52

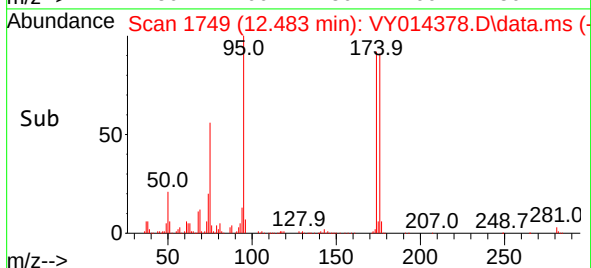
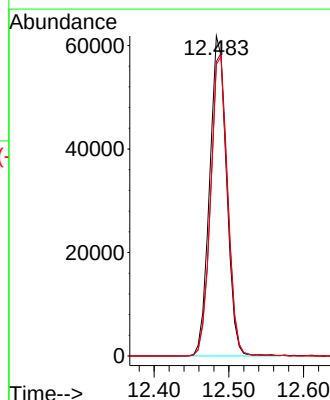
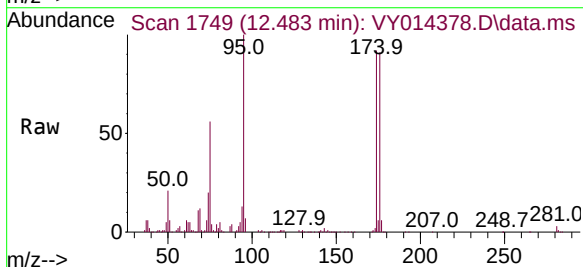
Tgt Ion: 95 Resp: 97340

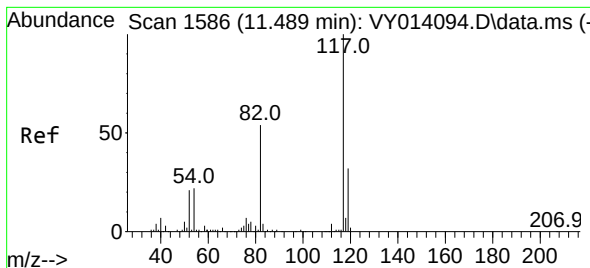
Ion Ratio Lower Upper

95 100

174 94.9 0.0 178.2

176 93.5 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: VY014378.D

Acq: 22 Jun 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-01-GRAB-6RE

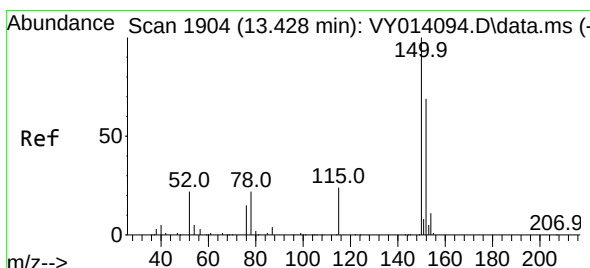
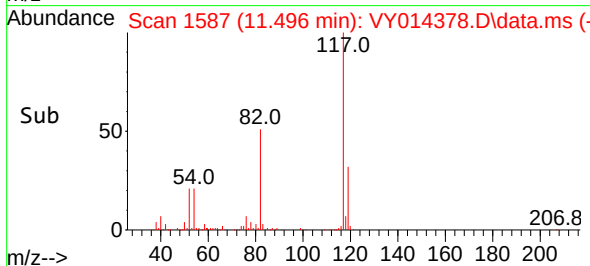
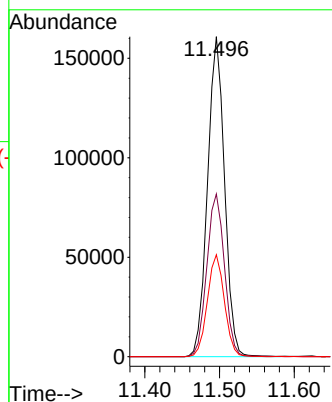
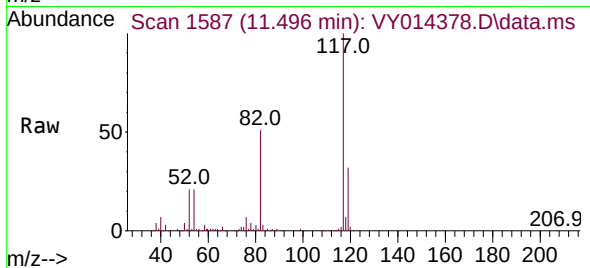
Tgt Ion:117 Resp: 254703

Ion Ratio Lower Upper

117 100

82 50.9 43.4 65.0

119 31.8 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: VY014378.D

Acq: 22 Jun 2023 14:52

Tgt Ion:152 Resp: 99075

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 157.8 0.0 348.8

