

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014289.D
 Acq On : 20 Jun 2023 17:30
 Operator : KP/MD
 Sample : 03298-11
 Misc : 9.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-05-GRAB-6

Quant Time: Jun 21 02:08:58 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	7.789	168	17847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	23916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9795	39.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.820%
35) Dibromofluoromethane	7.716	113	7466	44.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.040%
50) Toluene-d8	10.179	98	28048	44.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.460%
62) 4-Bromofluorobenzene	12.483	95	6302	27.978	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.960%

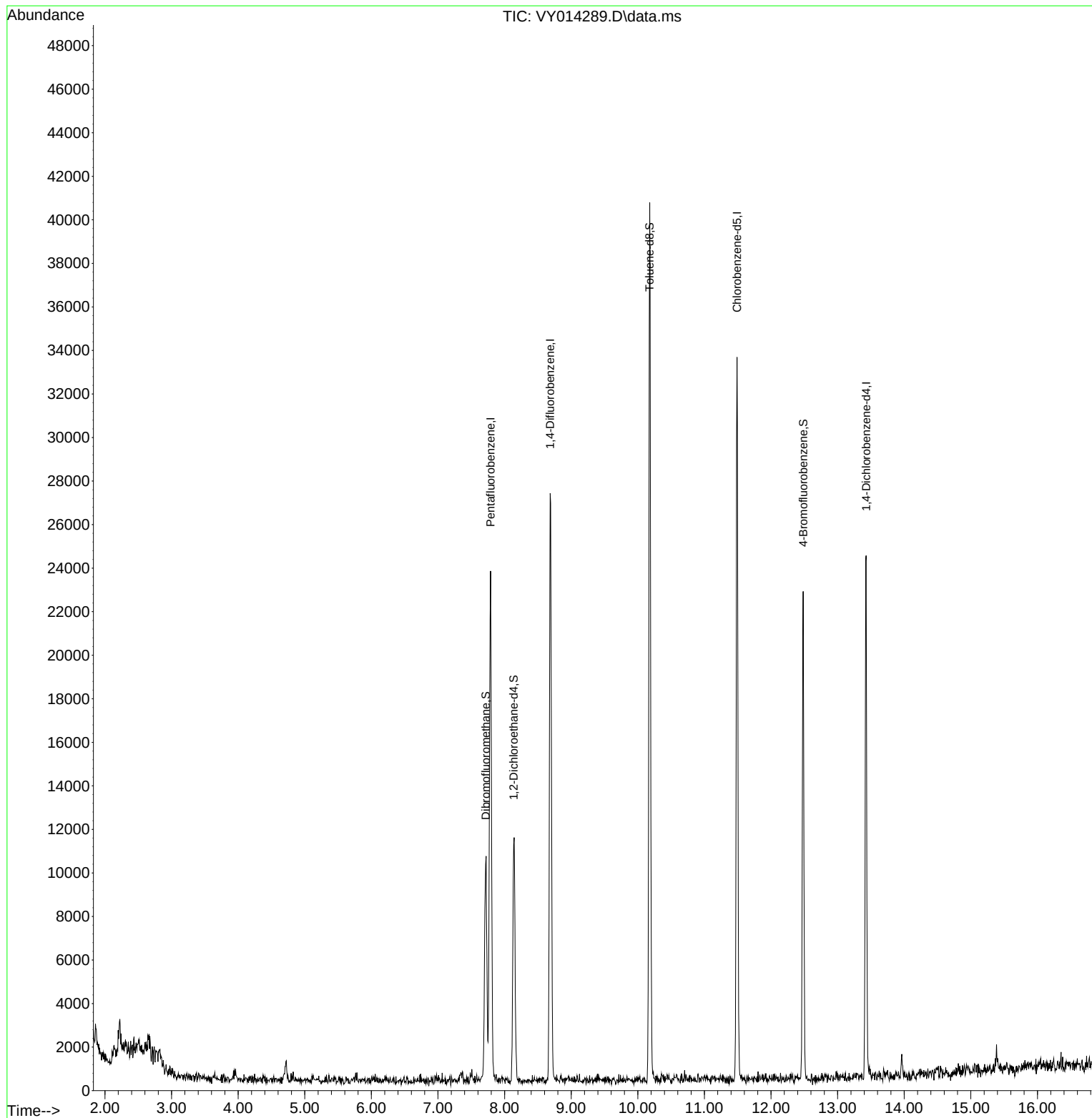
Target Compounds	Qvalue

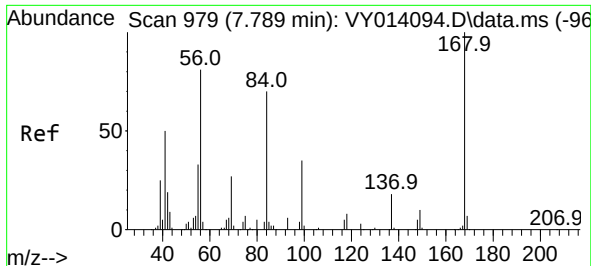
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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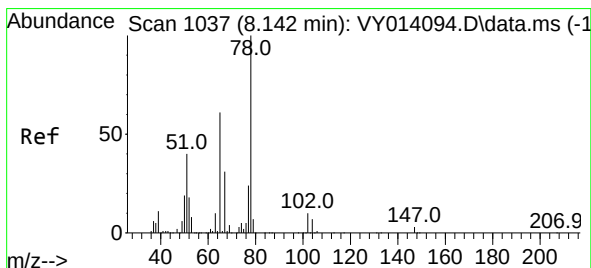
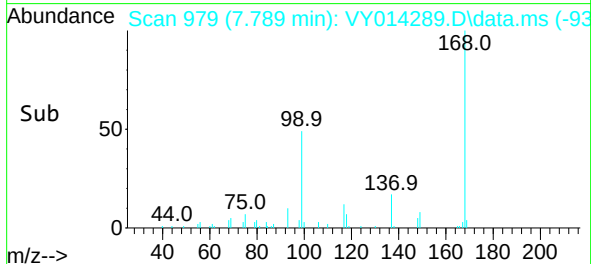
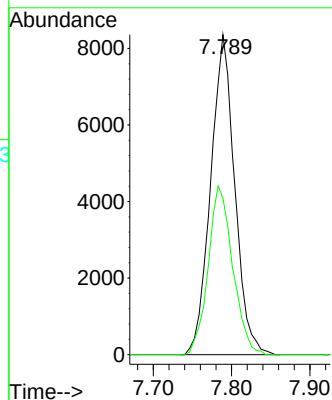
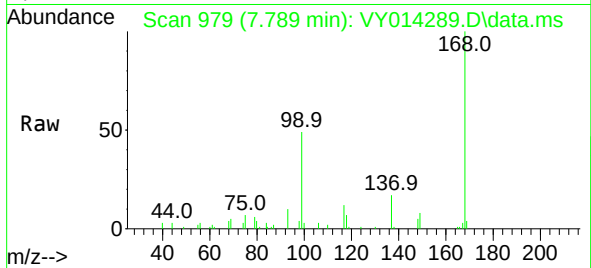




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014289.D
Acq: 20 Jun 2023 17:30

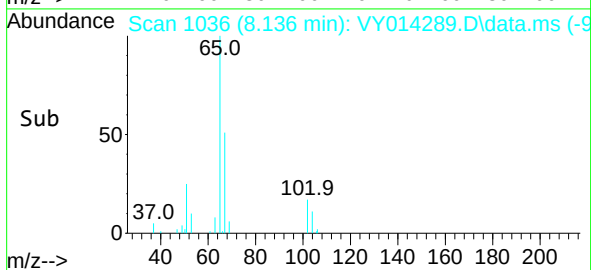
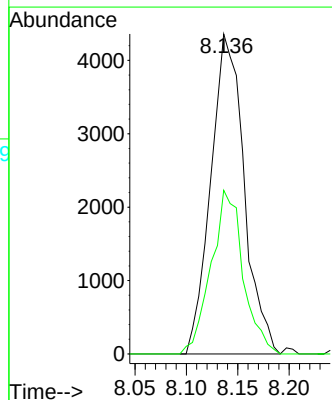
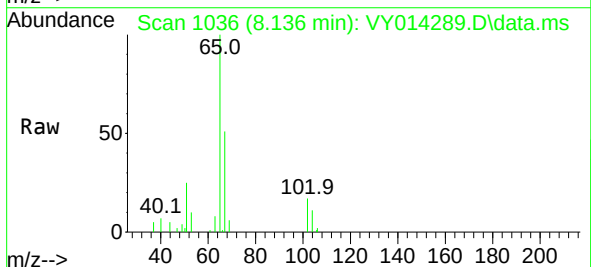
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-05-GRAB-6

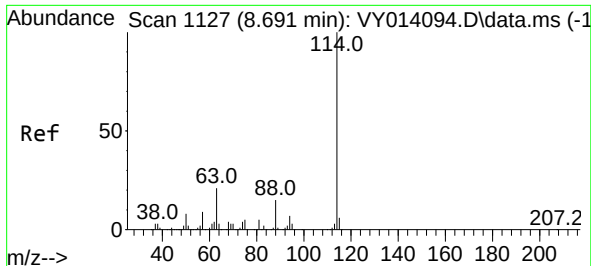
Tgt Ion:168 Resp: 17847
Ion Ratio Lower Upper
168 100
99 48.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 39.413 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014289.D
Acq: 20 Jun 2023 17:30

Tgt Ion: 65 Resp: 9795
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.8

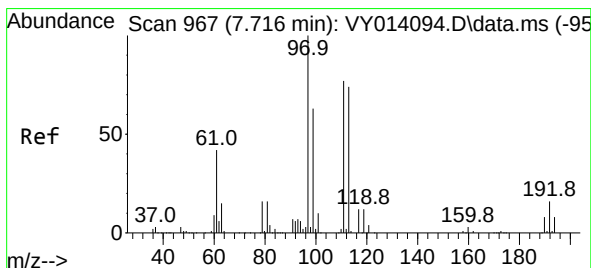
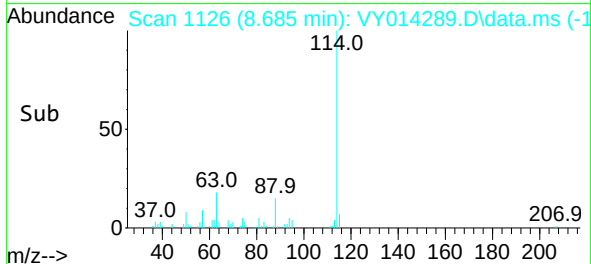
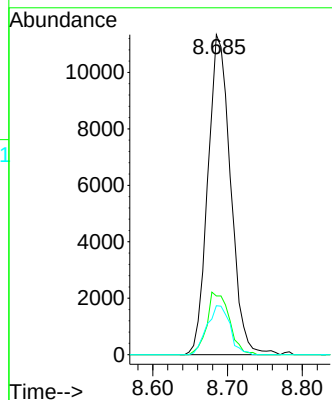
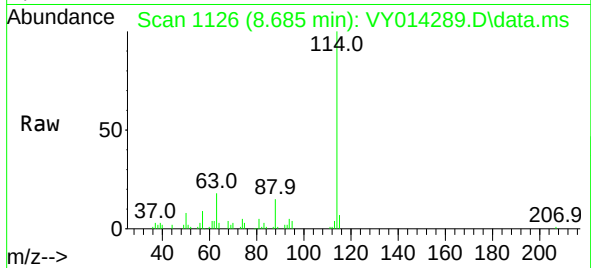




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014289.D
Acq: 20 Jun 2023 17:30

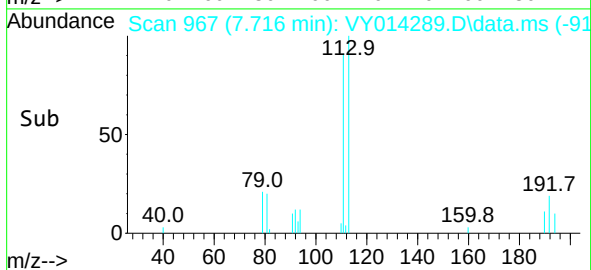
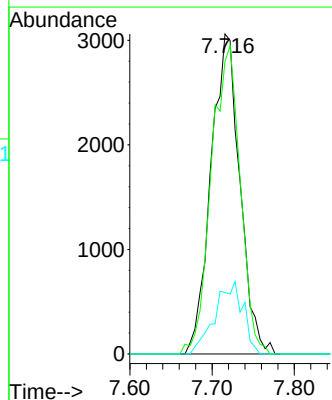
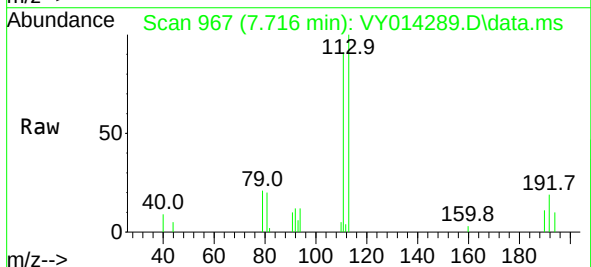
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-TW-05-GRAB-6

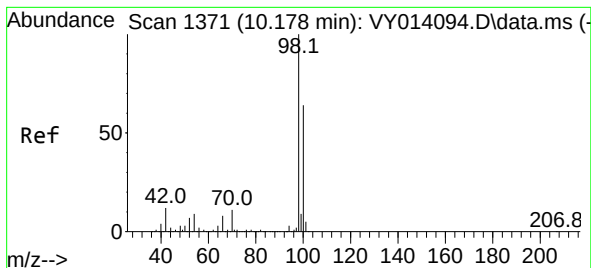
Tgt Ion:114	Resp:	23916
Ion Ratio	Lower	Upper
114	100	
63	18.3	0.0 42.4
88	15.3	0.0 30.6



#35
Dibromofluoromethane
Concen: 44.019 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014289.D
Acq: 20 Jun 2023 17:30

Tgt Ion:113	Resp:	7466
Ion Ratio	Lower	Upper
113	100	
111	96.5	81.3 121.9
192	22.1	16.9 25.3





#50

Toluene-d8

Concen: 44.233 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014289.D

Acq: 20 Jun 2023 17:30

Instrument :

MSVOA_Y

ClientSampleId :

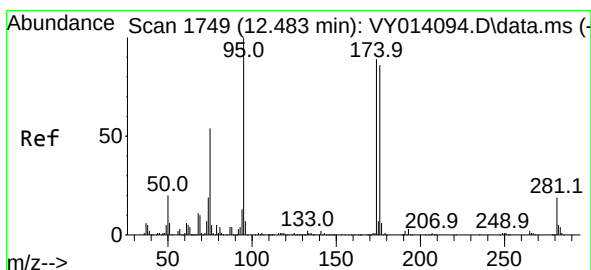
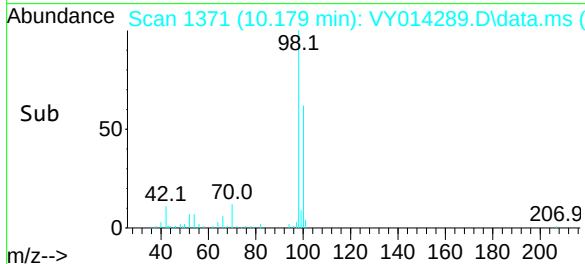
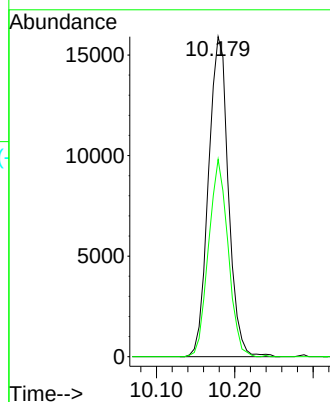
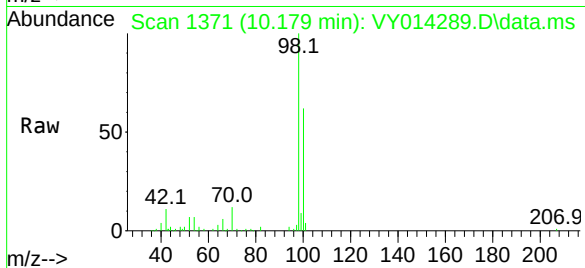
TOTAL-VOC-TW-05-GRAB-6

Tgt Ion: 98 Resp: 28048

Ion Ratio Lower Upper

98 100

100 60.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 27.978 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014289.D

Acq: 20 Jun 2023 17:30

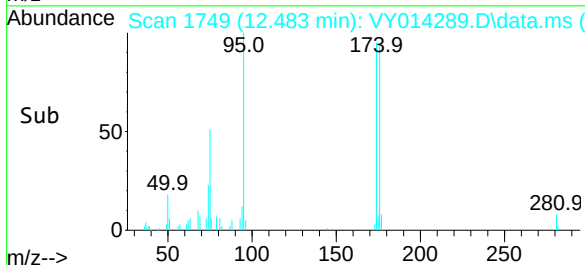
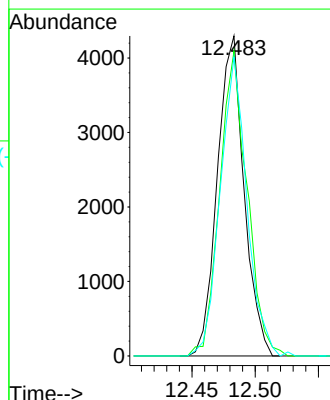
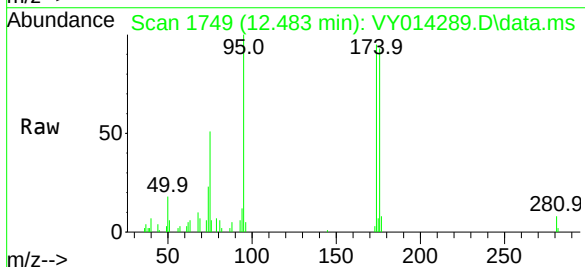
Tgt Ion: 95 Resp: 6302

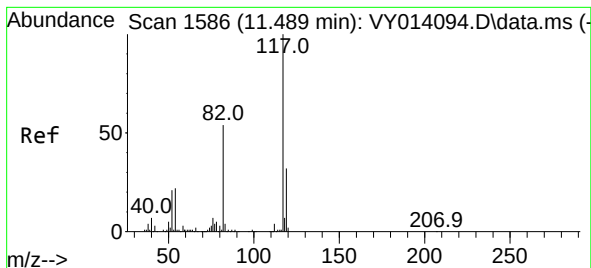
Ion Ratio Lower Upper

95 100

174 97.4 0.0 178.2

176 93.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014289.D

Acq: 20 Jun 2023 17:30

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-05-GRAB-6

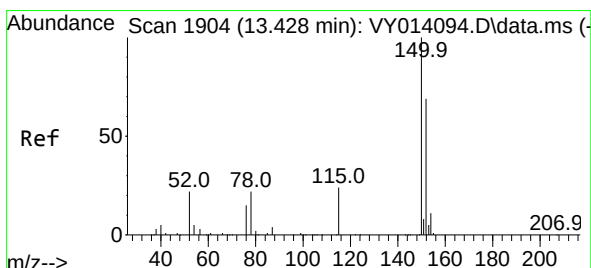
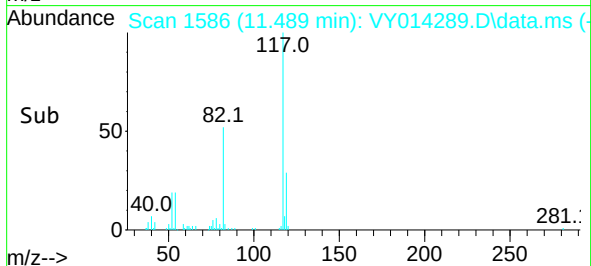
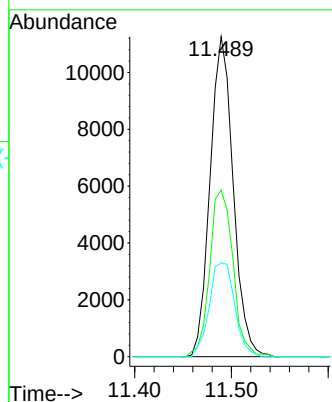
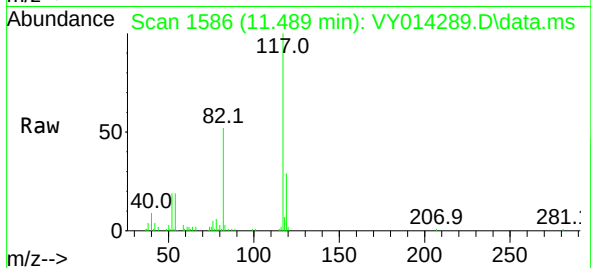
Tgt Ion:117 Resp: 18680

Ion Ratio Lower Upper

117 100

82 52.0 43.4 65.0

119 29.4 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: VY014289.D

Acq: 20 Jun 2023 17:30

Tgt Ion:152 Resp: 6613

Ion Ratio Lower Upper

152 100

115 53.7 28.8 86.5

150 163.2 0.0 348.8

