

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014168.D
 Acq On : 14 Jun 2023 20:57
 Operator : KP/MD
 Sample : 03223-18
 Misc : 9.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-11-GRAB-7

Quant Time: Jun 15 01:47:39 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)

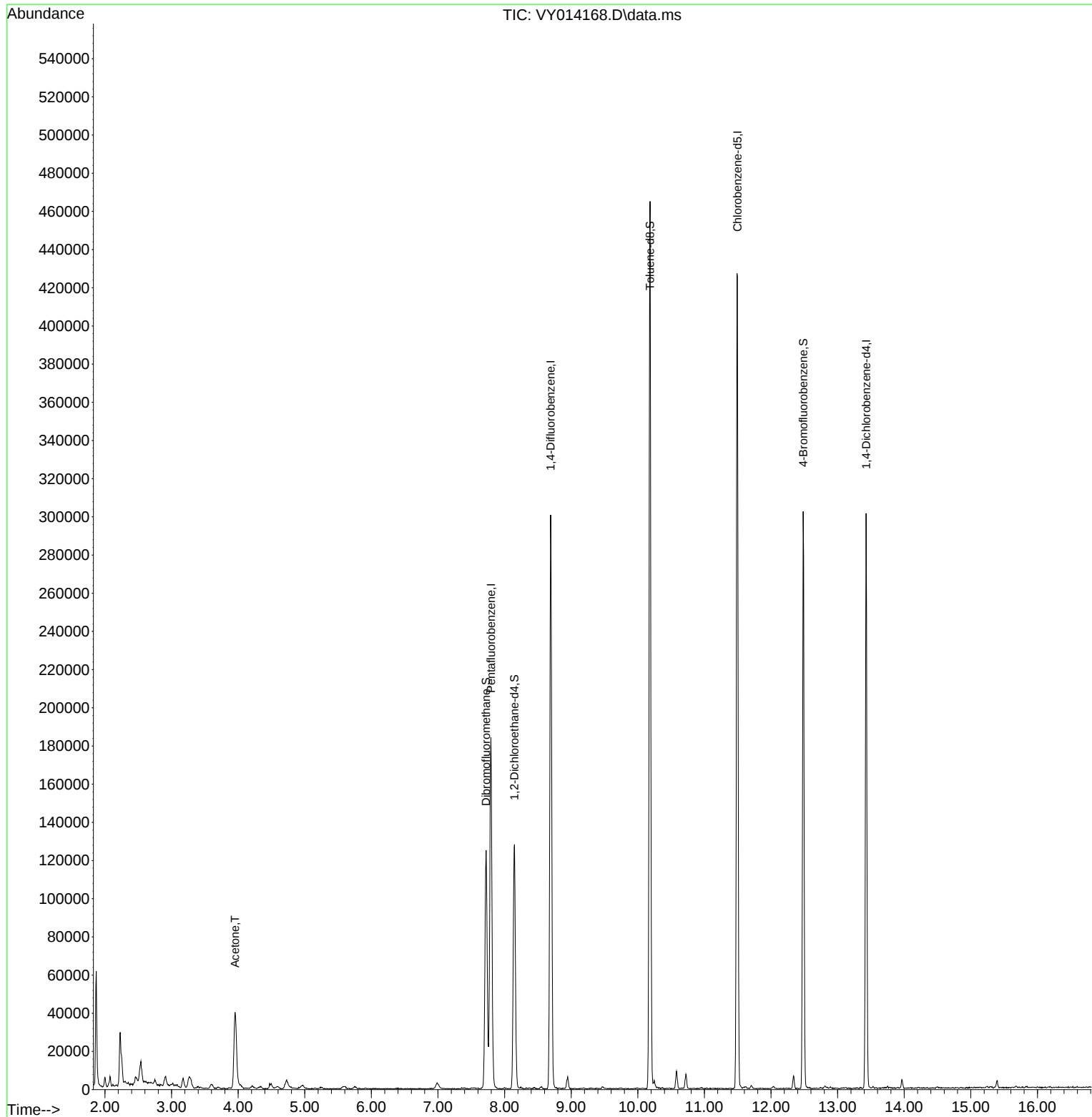
Internal Standards						
1) Pentafluorobenzene	7.795	168	141739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	233590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107533	54.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.960%
35) Dibromofluoromethane	7.722	113	84756	48.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.040%
50) Toluene-d8	10.185	98	300438	45.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.483	95	84767	36.164	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.320%
Target Compounds						
16) Acetone	3.954	43	71937	120.914	ug/l	Qvalue 97

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

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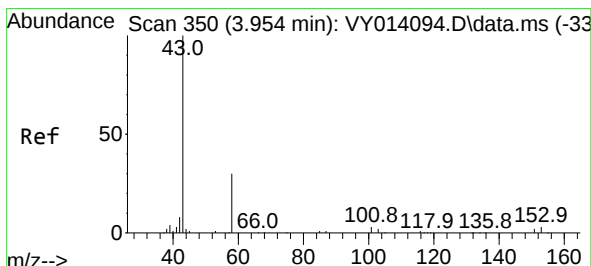
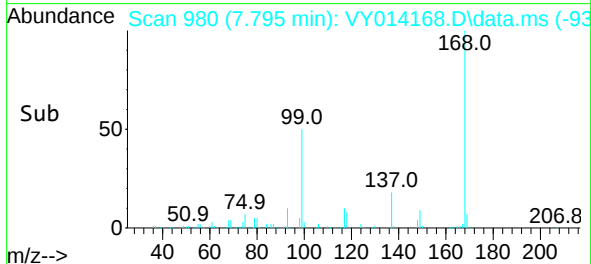
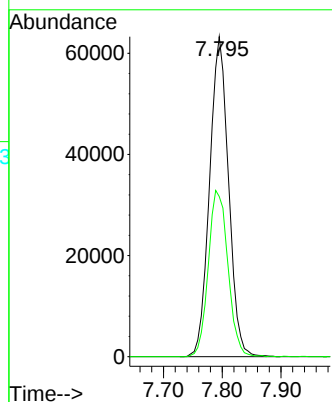
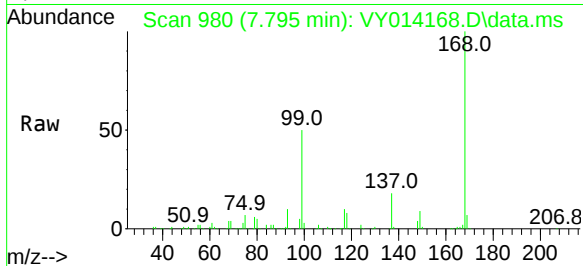




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014168.D
Acq: 14 Jun 2023 20:57

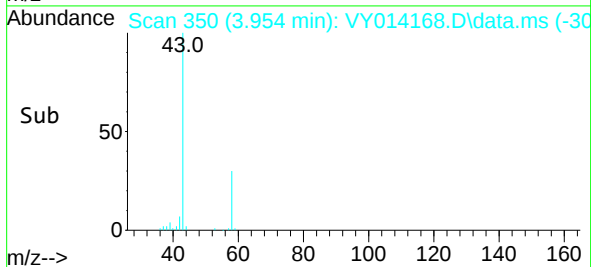
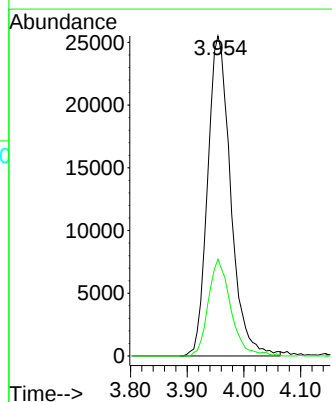
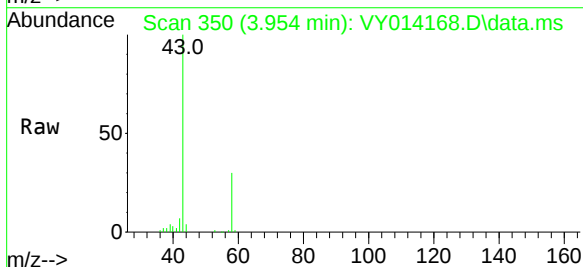
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-11-GRAB-7

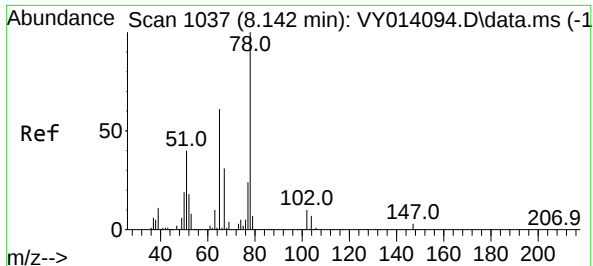
Tgt Ion:168 Resp: 141739
Ion Ratio Lower Upper
168 100
99 50.1 43.4 65.0



#16
Acetone
Concen: 120.914 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014168.D
Acq: 14 Jun 2023 20:57

Tgt Ion: 43 Resp: 71937
Ion Ratio Lower Upper
43 100
58 30.2 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 54.482 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY014168.D

Acq: 14 Jun 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

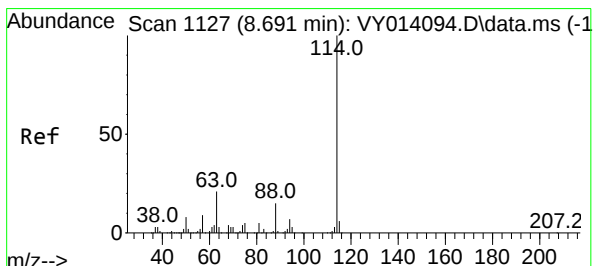
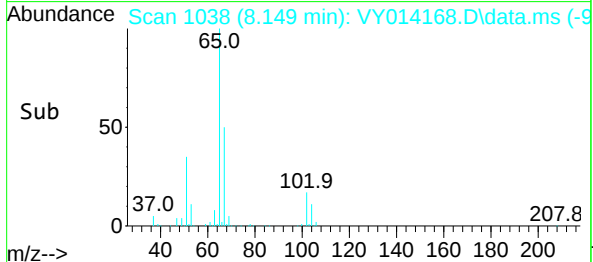
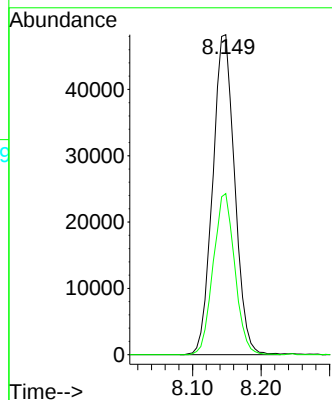
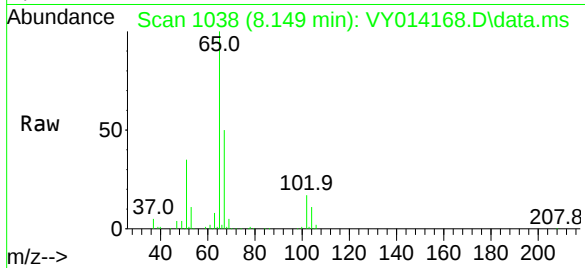
TOTAL-VOC-SB-11-GRAB-7

Tgt Ion: 65 Resp: 107533

Ion Ratio Lower Upper

65 100

67 49.3 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: VY014168.D

Acq: 14 Jun 2023 20:57

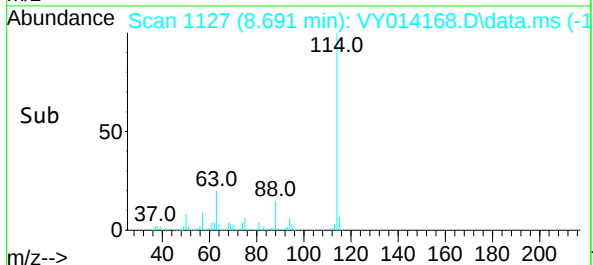
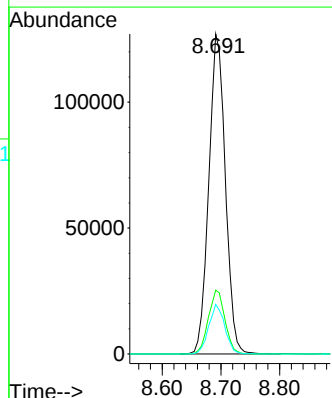
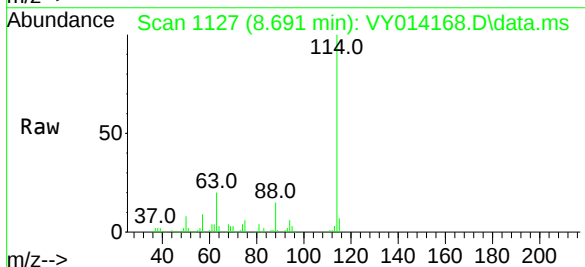
Tgt Ion: 114 Resp: 248871

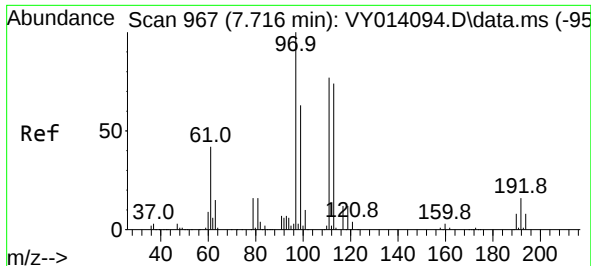
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.5 0.0 30.6

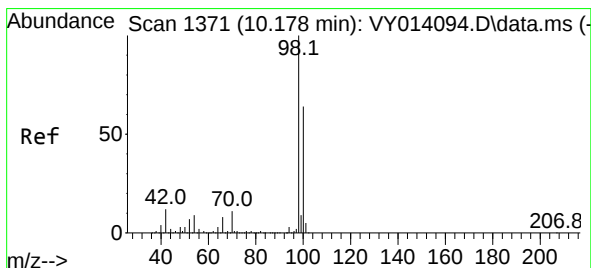
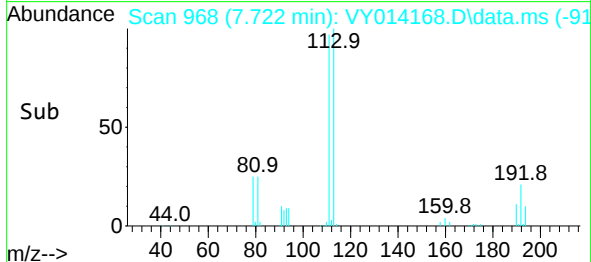
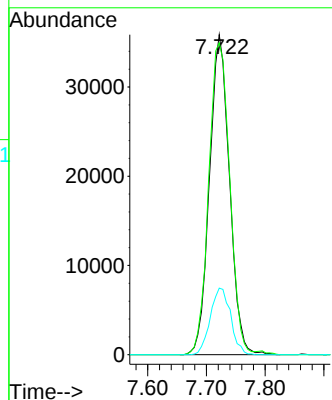
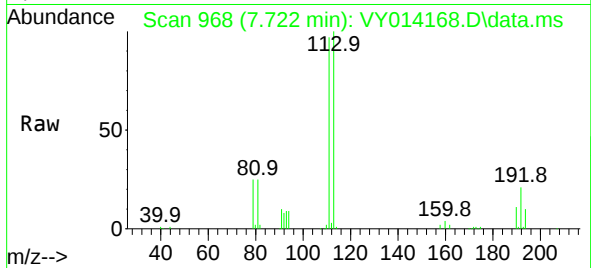




#35
Dibromofluoromethane
Concen: 48.022 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014168.D
Acq: 14 Jun 2023 20:57

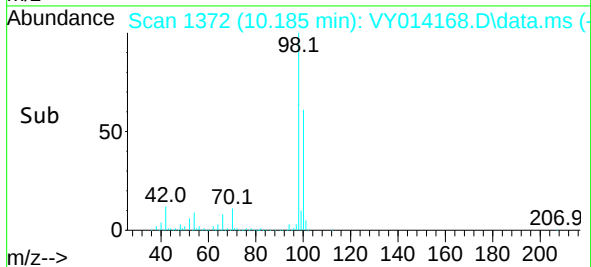
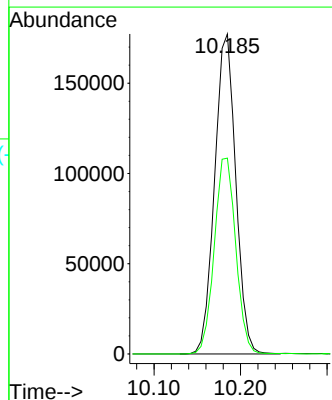
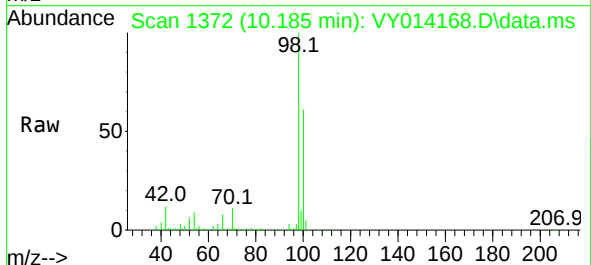
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-11-GRAB-7

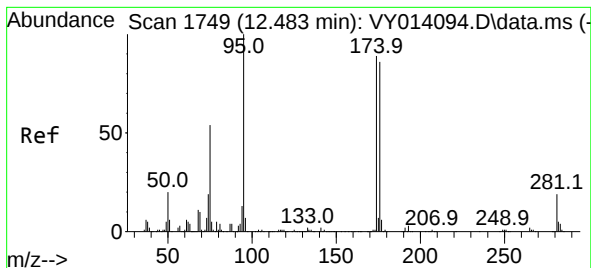
Tgt Ion:113 Resp: 84756
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 21.1 16.9 25.3



#50
Toluene-d8
Concen: 45.532 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014168.D
Acq: 14 Jun 2023 20:57

Tgt Ion: 98 Resp: 300438
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 36.164 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014168.D

Acq: 14 Jun 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-11-GRAB-7

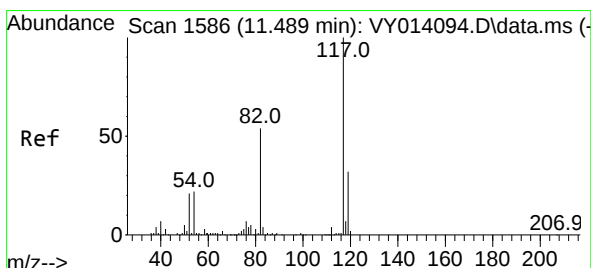
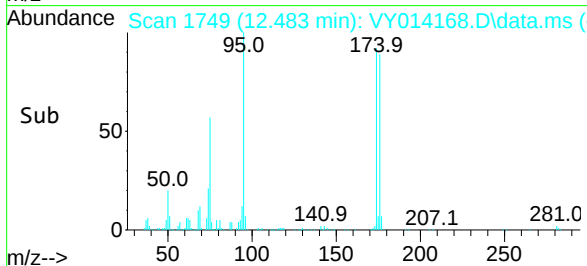
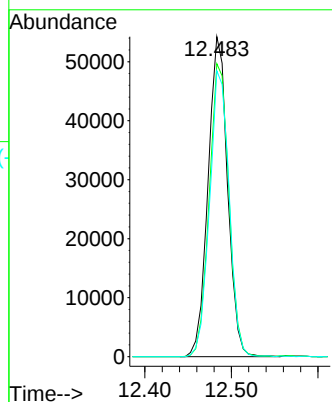
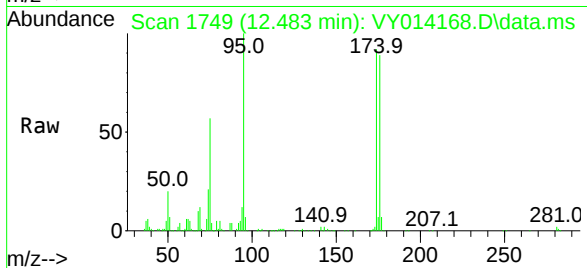
Tgt Ion: 95 Resp: 84767

Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.2

176 89.7 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY014168.D

Acq: 14 Jun 2023 20:57

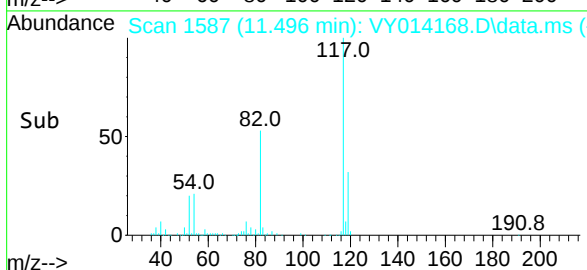
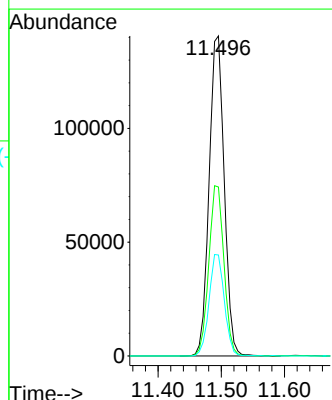
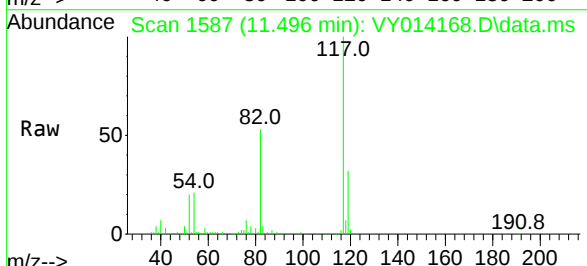
Tgt Ion: 117 Resp: 233590

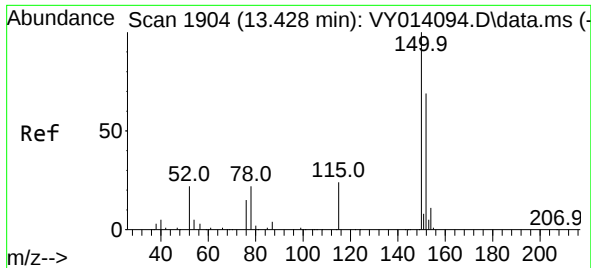
Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

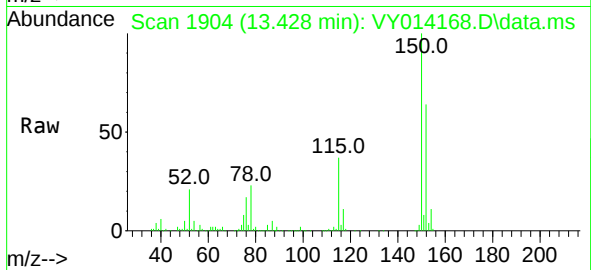
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014168.D
 Acq: 14 Jun 2023 20:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-11-GRAB-7



Tgt Ion:	152	Resp:	75424
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.8	86.5
150	158.2	0.0	348.8

