

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014166.D
 Acq On : 14 Jun 2023 20:10
 Operator : KP/MD
 Sample : 03223-12
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 15 01:46:55 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	142350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	230010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105350	53.147	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.300%
35) Dibromofluoromethane	7.722	113	86233	48.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.185	98	301056	45.323	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.640%
62) 4-Bromofluorobenzene	12.483	95	80287	34.025	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.060%

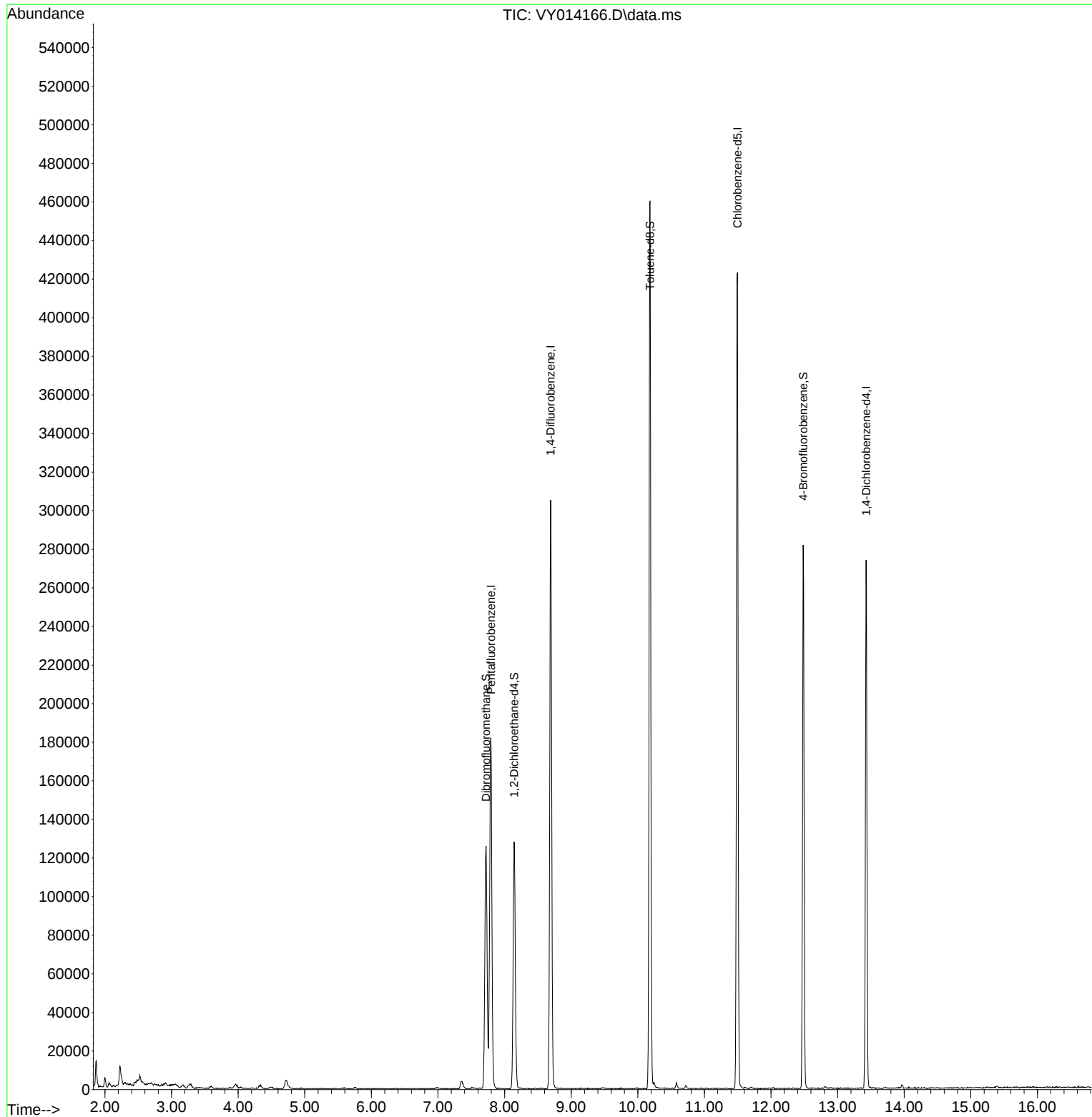
Target Compounds	Qvalue

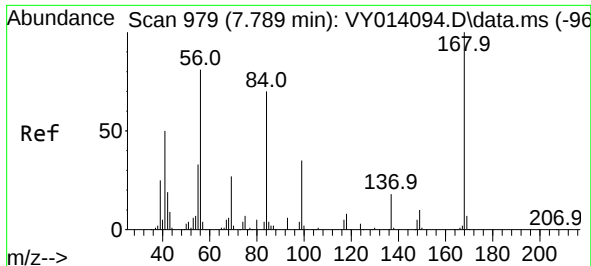
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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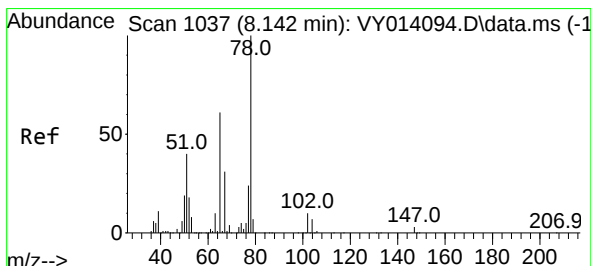
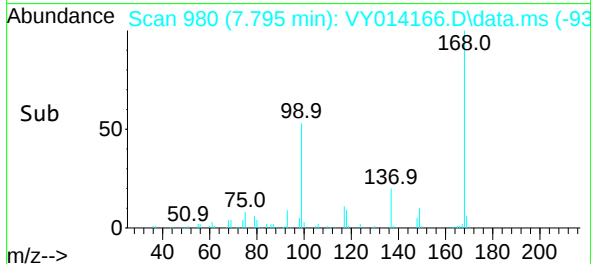
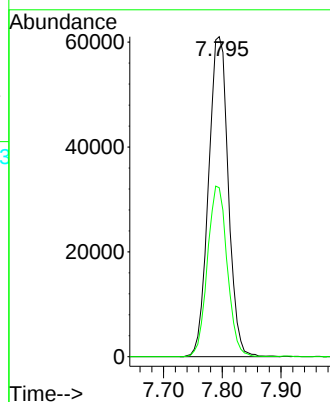
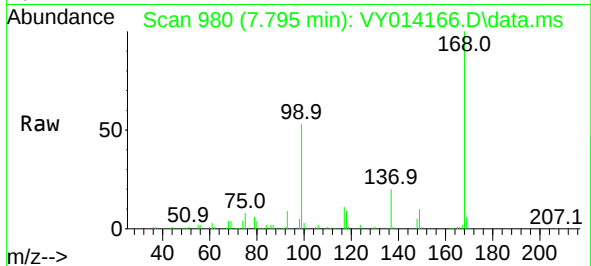




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY014166.D
Acq: 14 Jun 2023 20:10

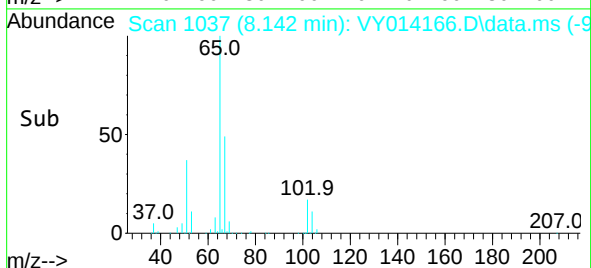
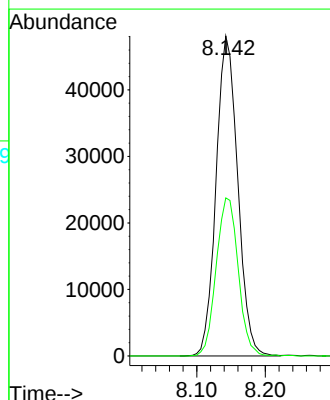
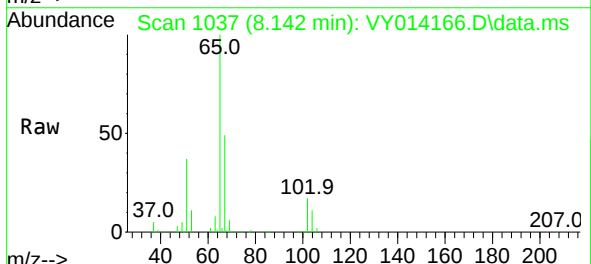
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-05-GRAB-7

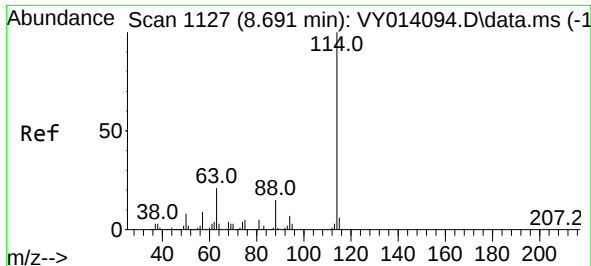
Tgt Ion:168 Resp: 142350
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.147 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014166.D
Acq: 14 Jun 2023 20:10

Tgt Ion: 65 Resp: 105350
Ion Ratio Lower Upper
65 100
67 50.3 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: VY014166.D

Acq: 14 Jun 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-05-GRAB-7

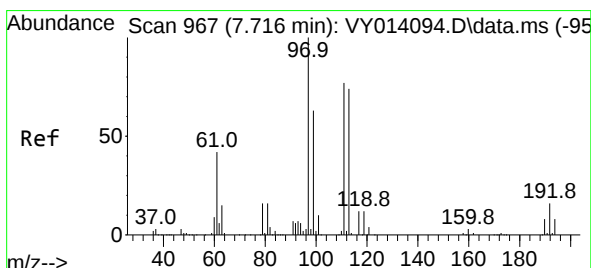
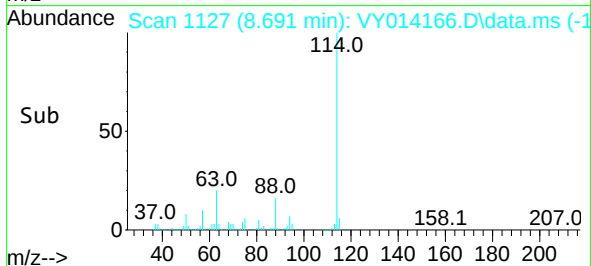
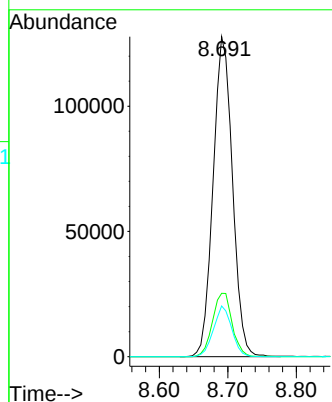
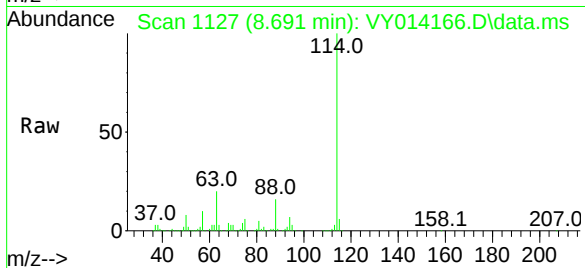
Tgt Ion:114 Resp: 250535

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.534 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014166.D

Acq: 14 Jun 2023 20:10

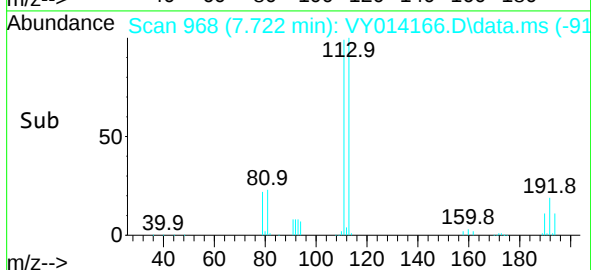
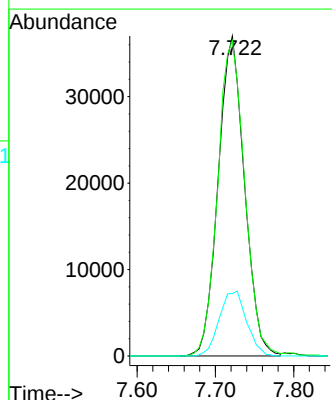
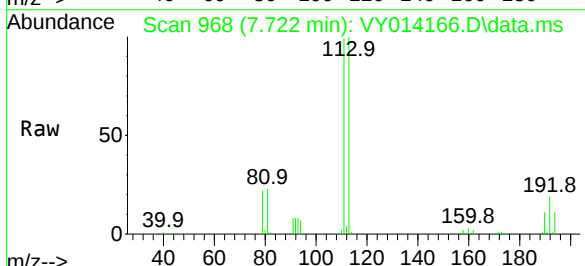
Tgt Ion:113 Resp: 86233

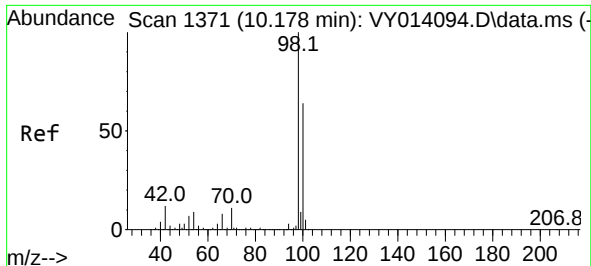
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 21.0 16.9 25.3

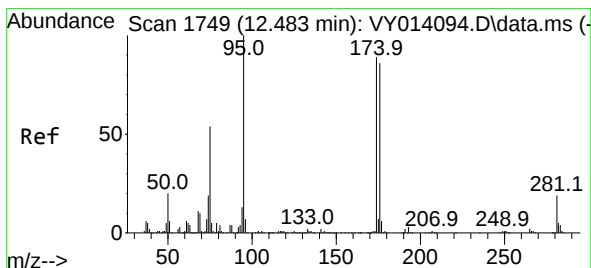
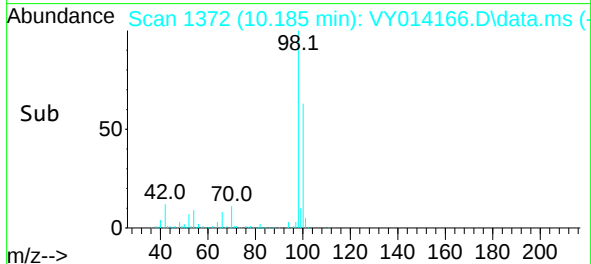
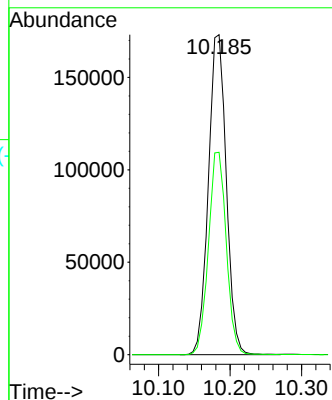
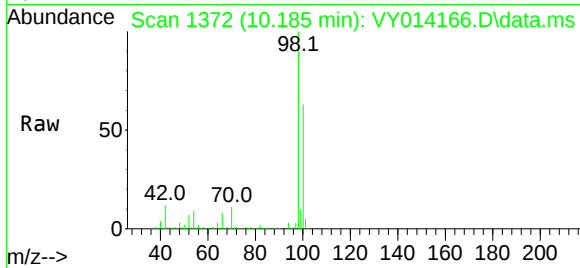




#50
Toluene-d8
Concen: 45.323 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014166.D
Acq: 14 Jun 2023 20:10

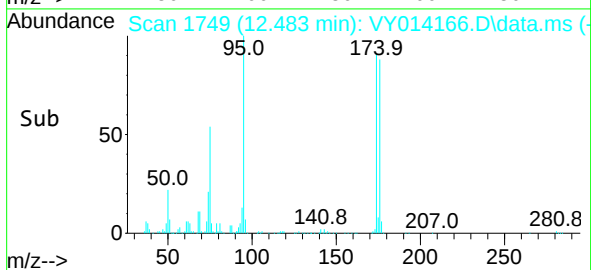
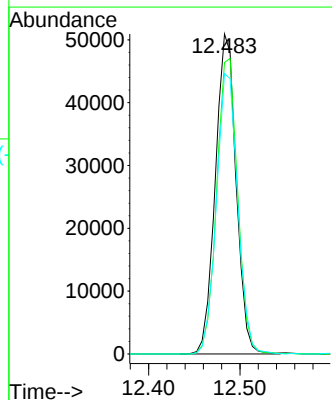
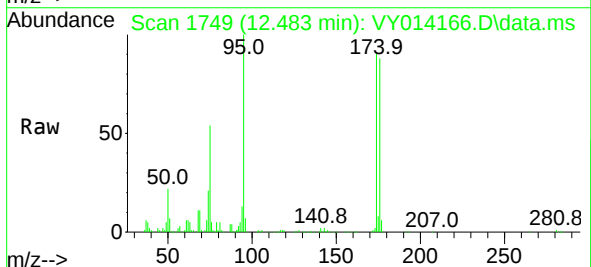
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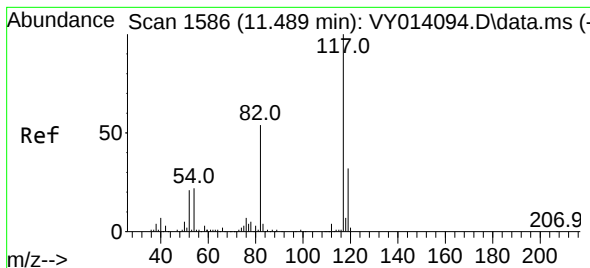
Tgt Ion: 98 Resp: 301056
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 34.025 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014166.D
Acq: 14 Jun 2023 20:10

Tgt Ion: 95 Resp: 80287
Ion Ratio Lower Upper
95 100
174 93.7 0.0 178.2
176 90.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014166.D

Acq: 14 Jun 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-05-GRAB-7

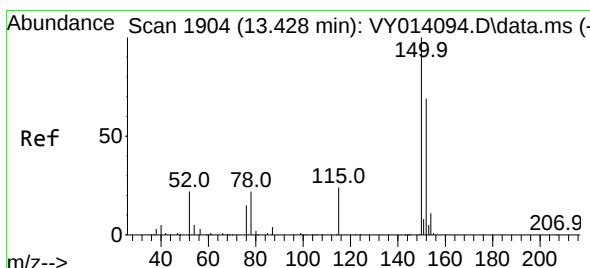
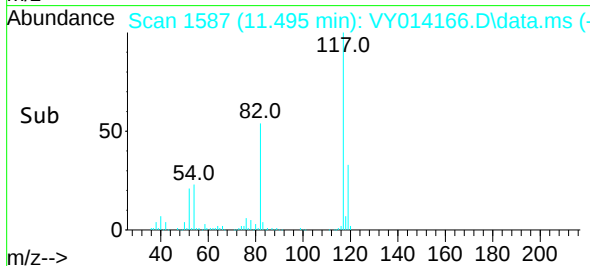
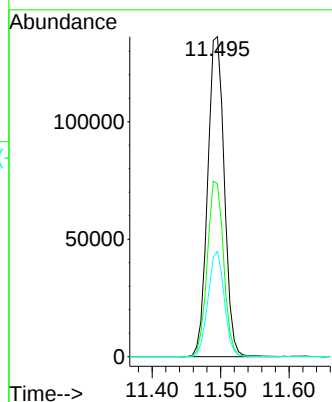
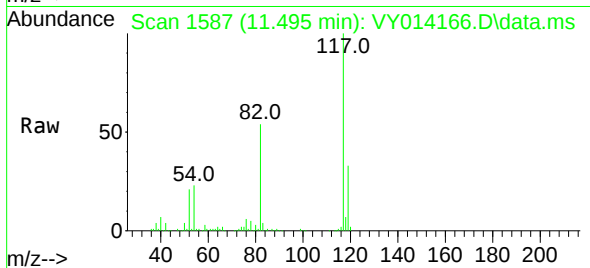
Tgt Ion:117 Resp: 230010

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 33.0 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: VY014166.D

Acq: 14 Jun 2023 20:10

Tgt Ion:152 Resp: 70496

Ion Ratio Lower Upper

152 100

115 55.4 28.8 86.5

150 157.5 0.0 348.8

