

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014321.D
 Acq On : 21 Jun 2023 07:07
 Operator : KP/MD
 Sample : 03329-17
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW01-0-8-GRAB-6

Quant Time: Jun 21 07:48:33 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	7.807	168	86489	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	123013	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	100312	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	35453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	45882	38.096	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.200%
35) Dibromofluoromethane	7.734	113	39379	45.140	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.280%
50) Toluene-d8	10.191	98	146177	44.819	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.640%
62) 4-Bromofluorobenzene	12.489	95	35159	30.347	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.700%

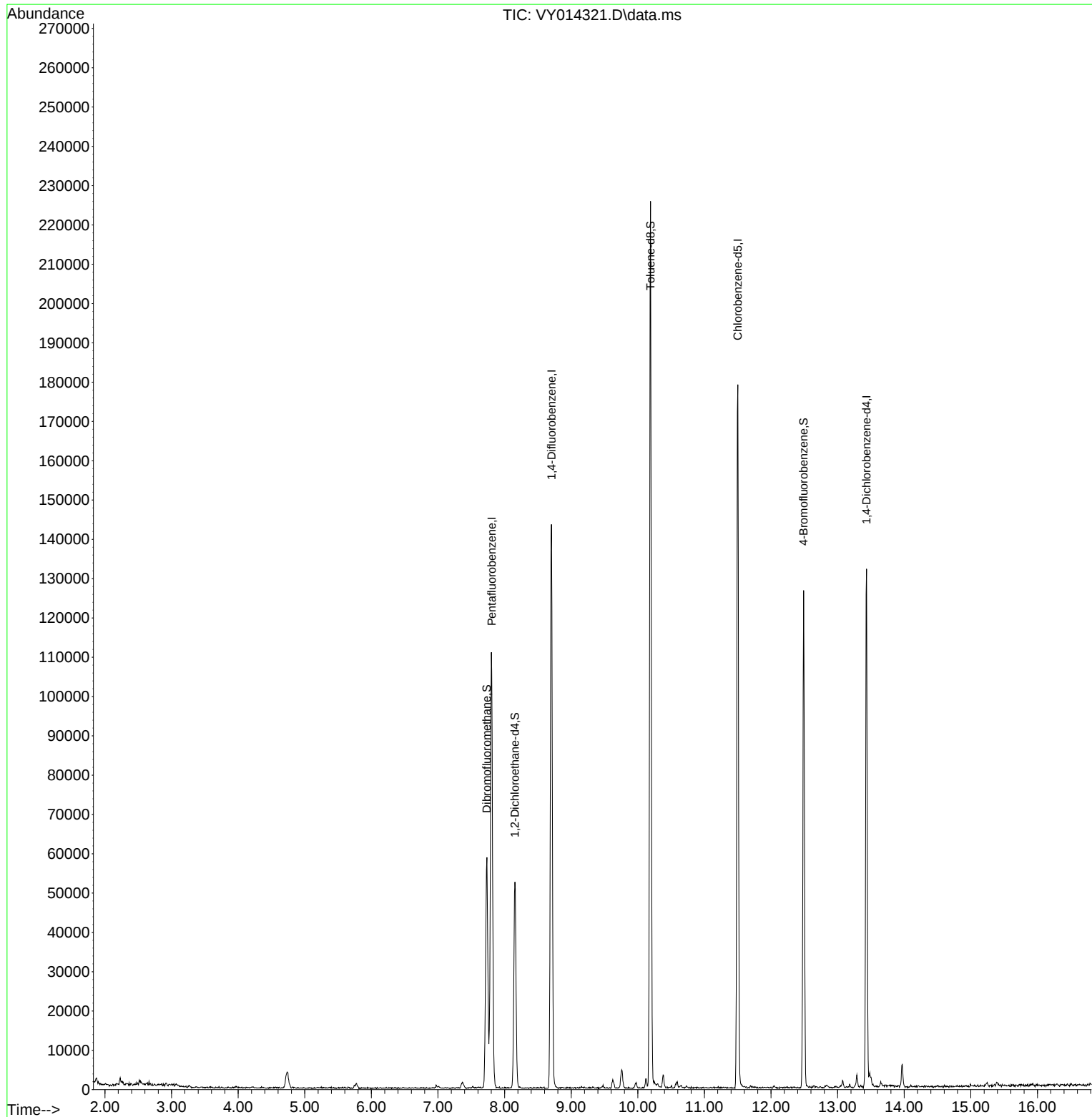
Target Compounds	Qvalue

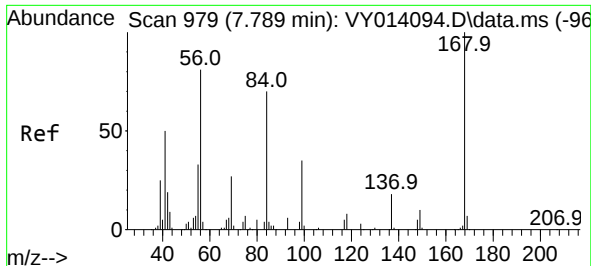
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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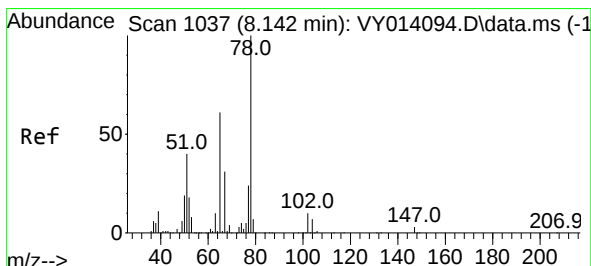
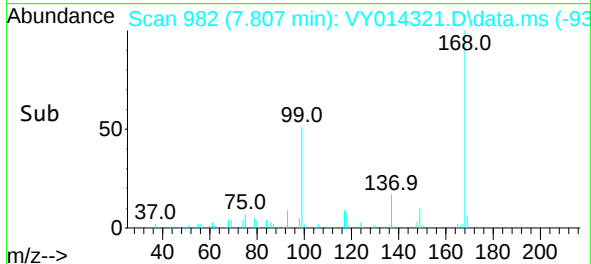
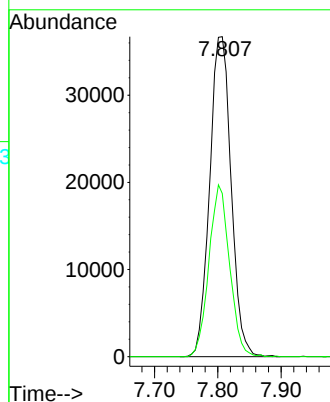
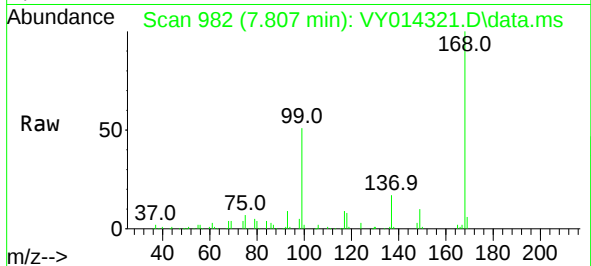




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014321.D
Acq: 21 Jun 2023 07:07

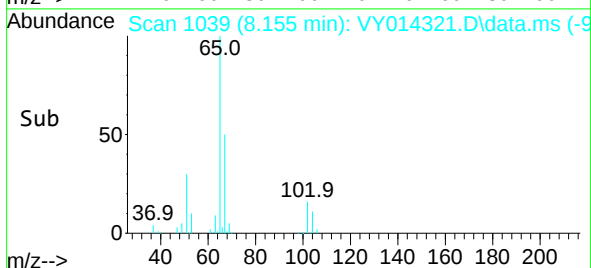
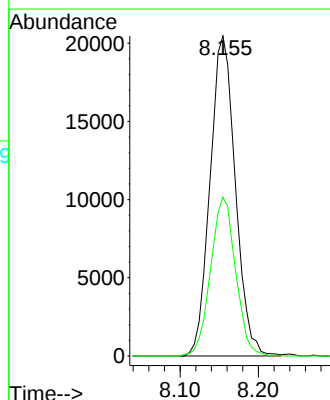
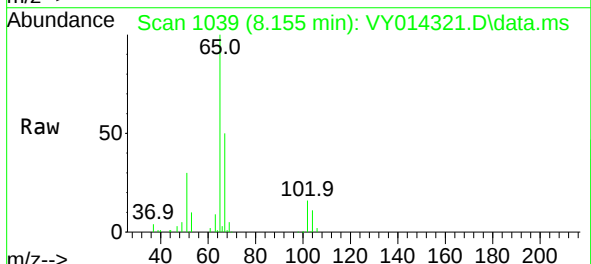
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-6

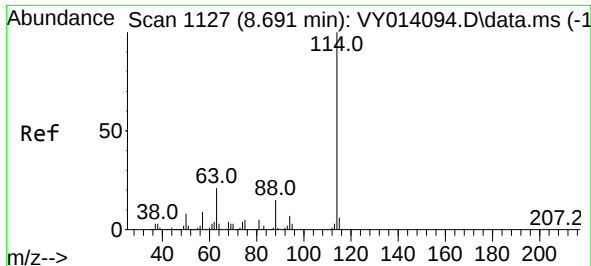
Tgt Ion:168 Resp: 86489
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 38.096 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014321.D
Acq: 21 Jun 2023 07:07

Tgt Ion: 65 Resp: 45882
Ion Ratio Lower Upper
65 100
67 49.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY014321.D

Acq: 21 Jun 2023 07:07

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW01-0-8-GRAB-6

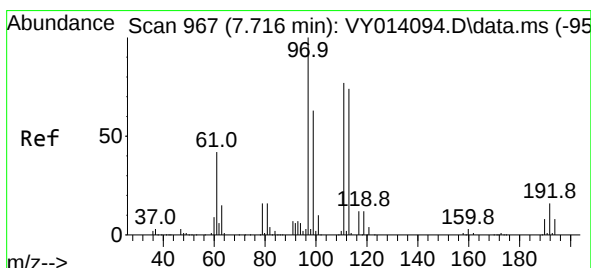
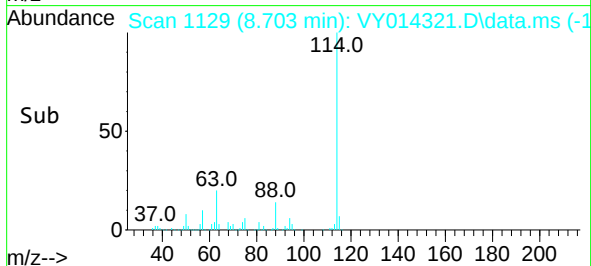
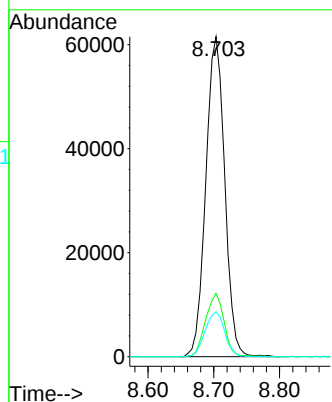
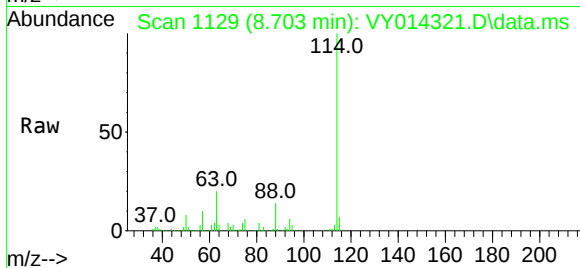
Tgt Ion:114 Resp: 123013

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.140 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY014321.D

Acq: 21 Jun 2023 07:07

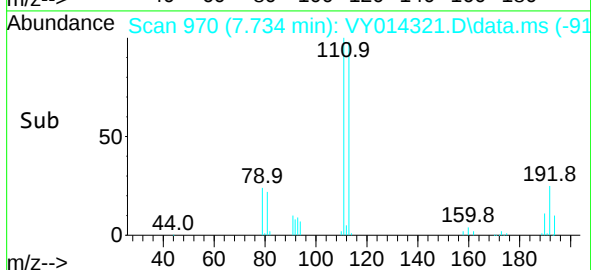
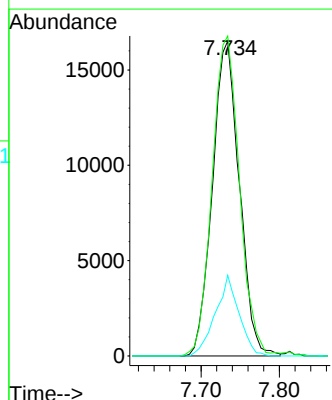
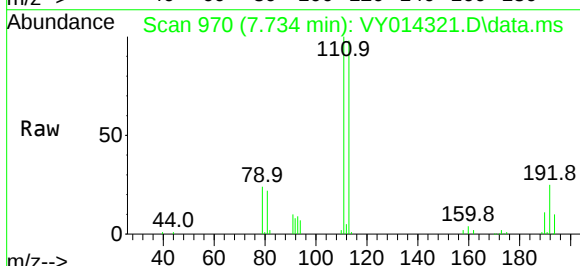
Tgt Ion:113 Resp: 39379

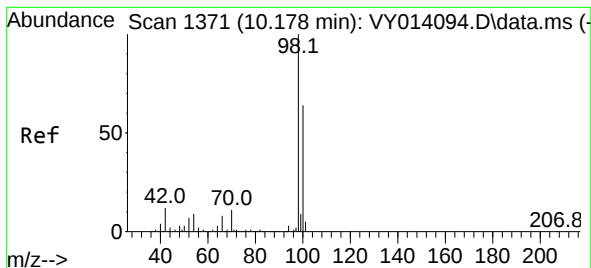
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 22.5 16.9 25.3

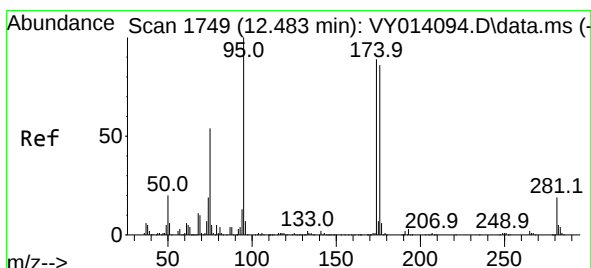
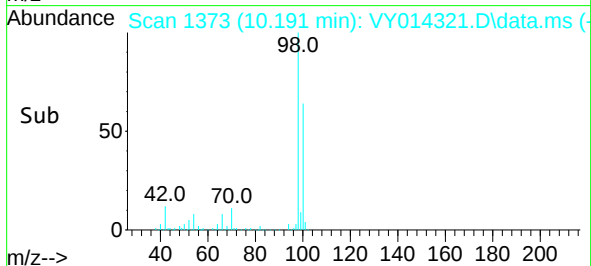
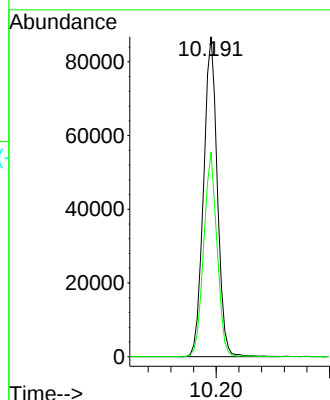
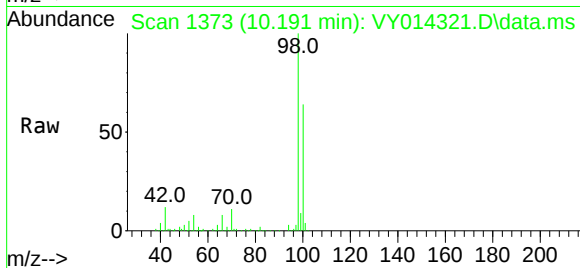




#50
Toluene-d8
Concen: 44.819 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014321.D
Acq: 21 Jun 2023 07:07

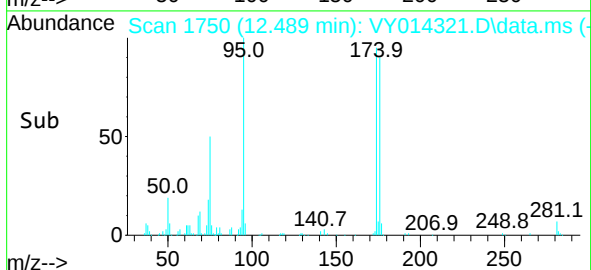
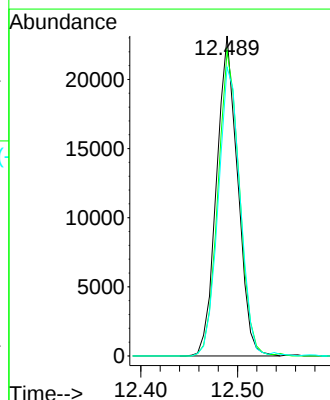
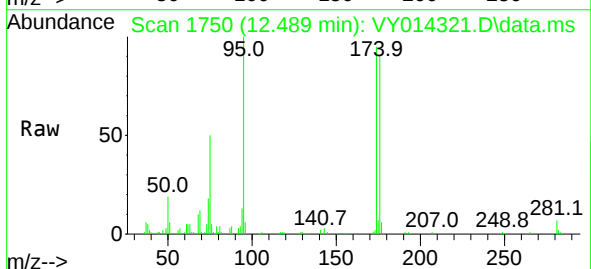
Instrument :
MSVOA_Y
ClientSampleId :
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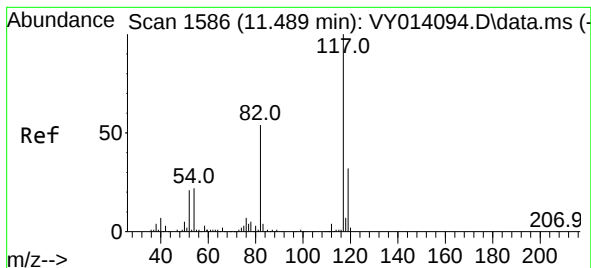
Tgt Ion: 98 Resp: 146177
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 30.347 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014321.D
Acq: 21 Jun 2023 07:07

Tgt Ion: 95 Resp: 35159
Ion Ratio Lower Upper
95 100
174 96.7 0.0 178.2
176 93.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY014321.D

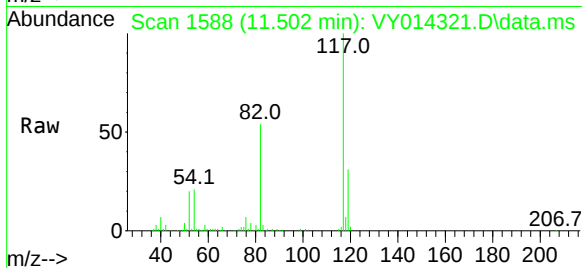
Acq: 21 Jun 2023 07:07

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW01-0-8-GRAB-6



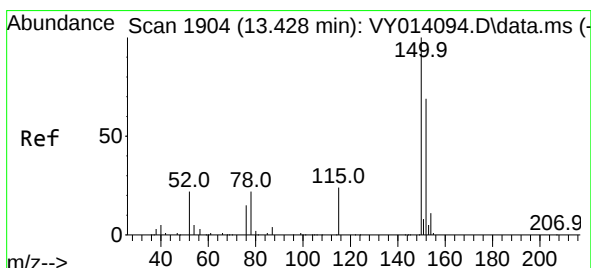
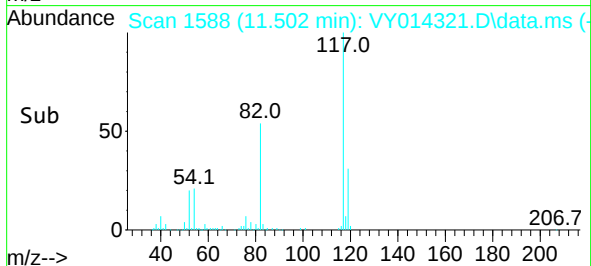
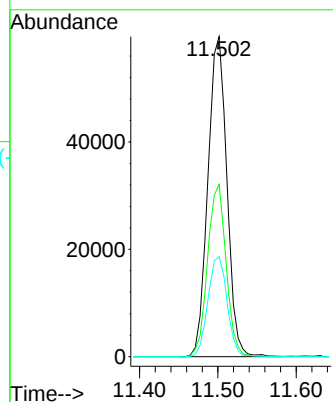
Tgt Ion:117 Resp: 100312

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 31.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014321.D

Acq: 21 Jun 2023 07:07

Tgt Ion:152 Resp: 35453

Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 159.7 0.0 348.8

