

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014417.D
 Acq On : 23 Jun 2023 18:58
 Operator : KP/MD
 Sample : 03343-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jun 23 23:14:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	178048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	263312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128585	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118968	53.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.640%
35) Dibromofluoromethane	7.728	113	85840	50.767	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.540%
50) Toluene-d8	10.185	98	324751	48.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.483	95	110414	46.014	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.020%

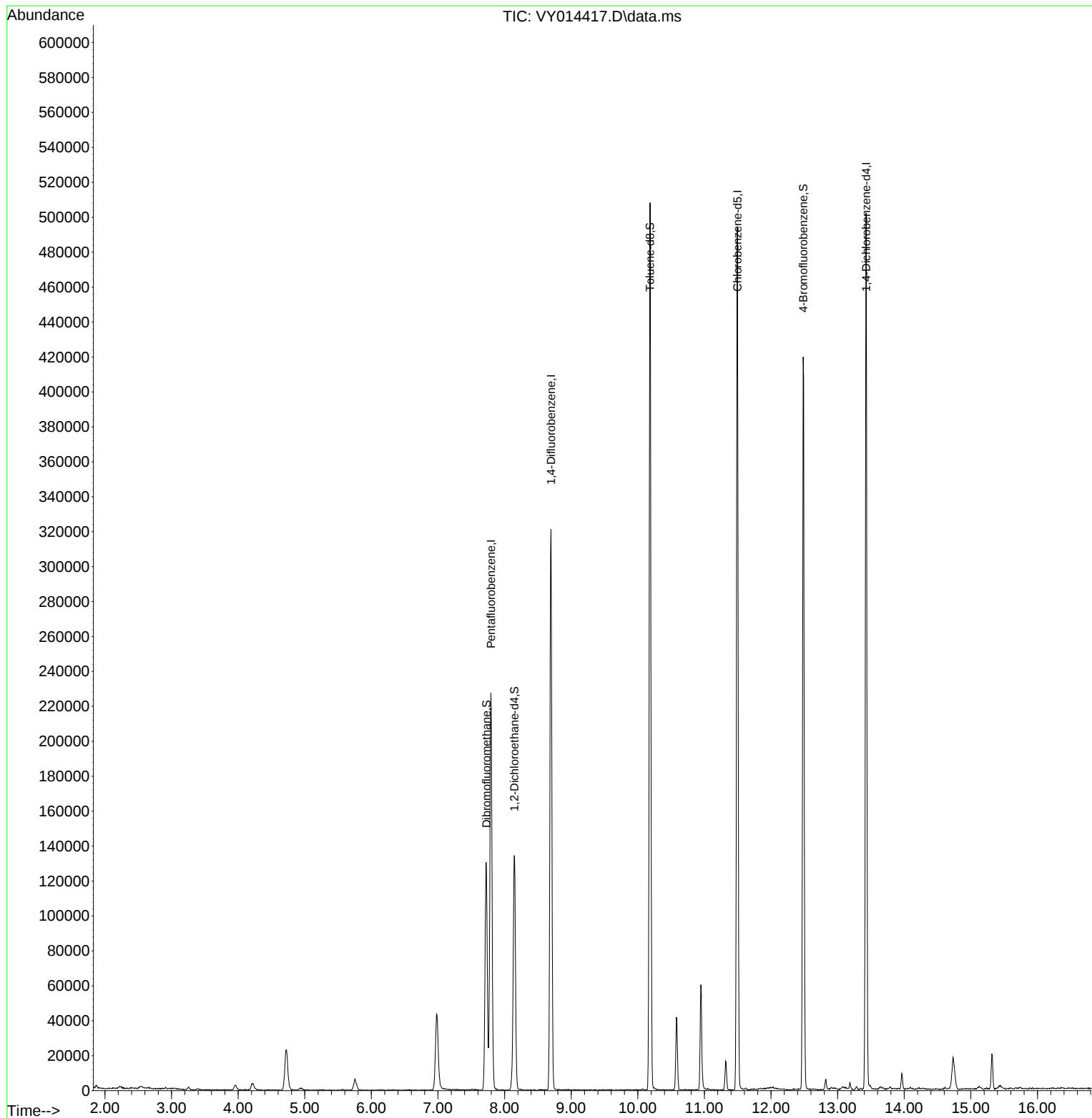
Target Compounds	Qvalue

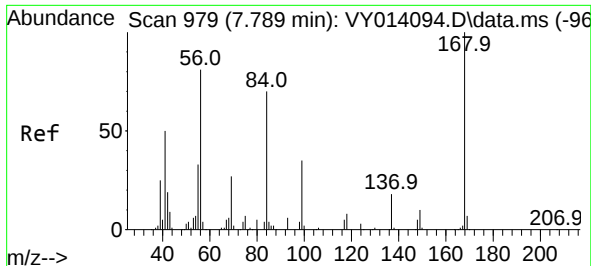
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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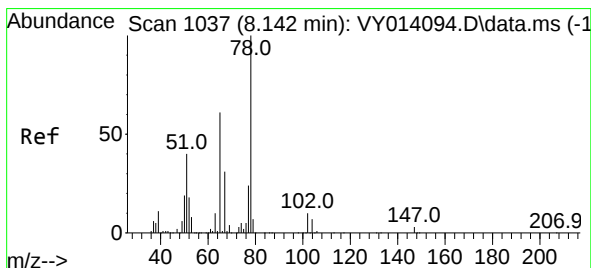
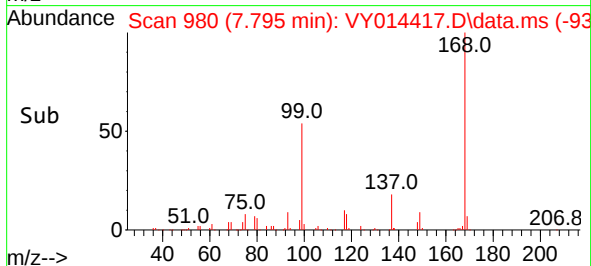
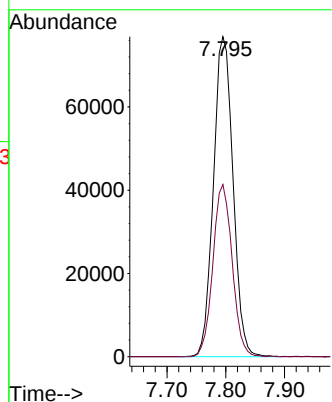
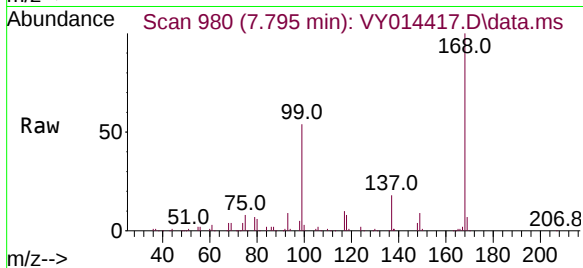




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014417.D
Acq: 23 Jun 2023 18:58

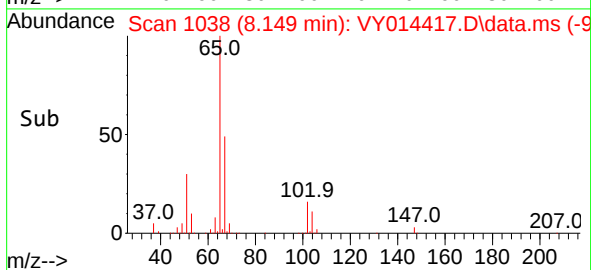
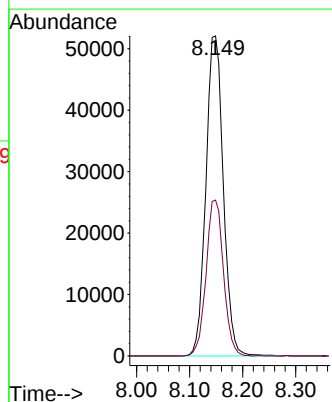
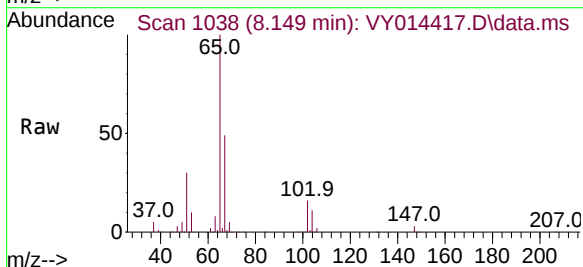
Instrument :
MSVOA_Y
ClientSampleId :
VOC

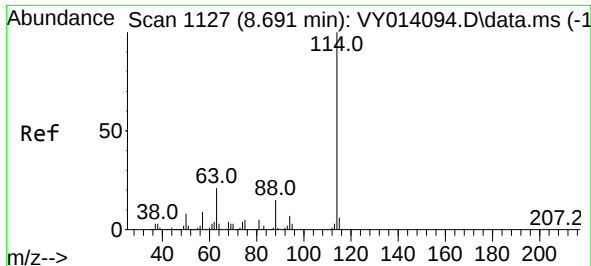
Tgt Ion:168 Resp: 178048
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.817 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014417.D
Acq: 23 Jun 2023 18:58

Tgt Ion: 65 Resp: 118968
Ion Ratio Lower Upper
65 100
67 48.7 0.0 101.8

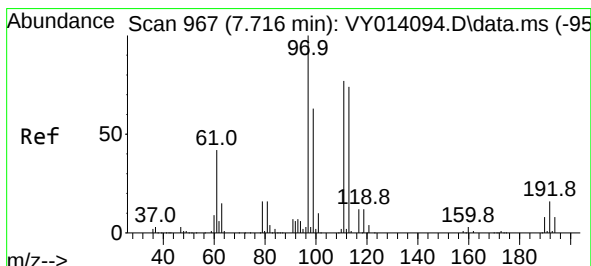
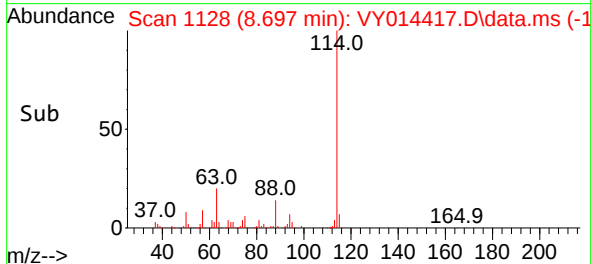
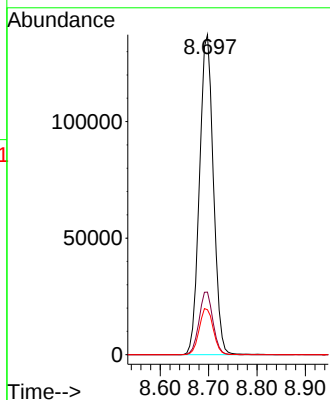
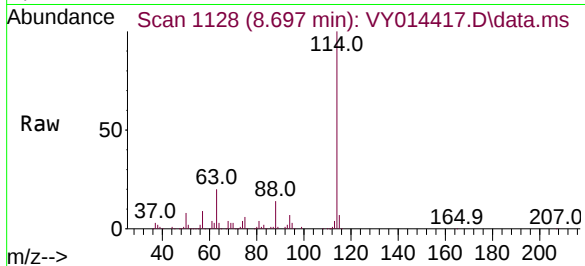




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014417.D
Acq: 23 Jun 2023 18:58

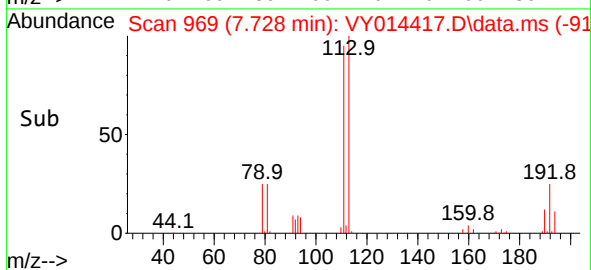
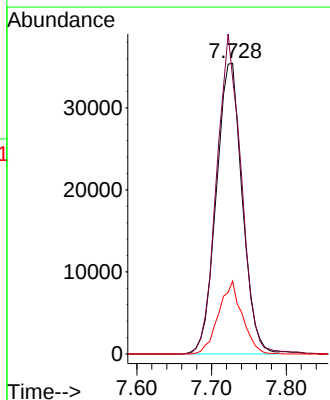
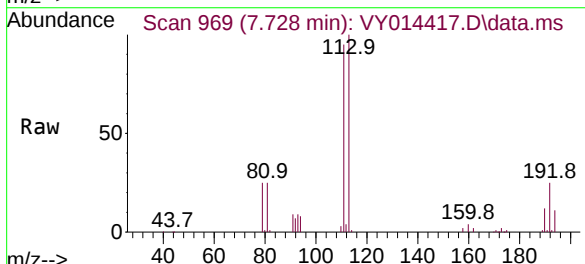
Instrument :
MSVOA_Y
ClientSampleId :
VOC

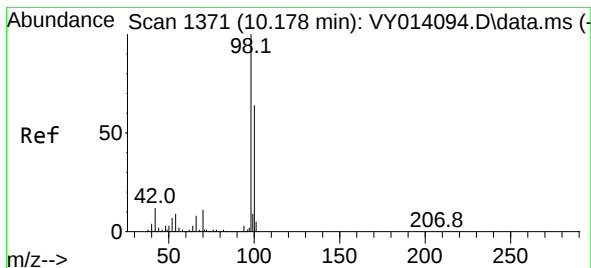
Tgt Ion:114 Resp: 273684
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 14.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.767 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014417.D
Acq: 23 Jun 2023 18:58

Tgt Ion:113 Resp: 85840
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 22.7 16.9 25.3





#50

Toluene-d8

Concen: 48.316 ug/l

RT: 10.185 min Scan# 1371

Delta R.T. 0.007 min

Lab File: VY014417.D

Acq: 23 Jun 2023 18:58

Instrument :

MSVOA_Y

ClientSampleId :

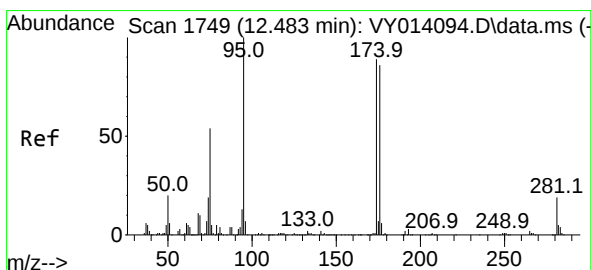
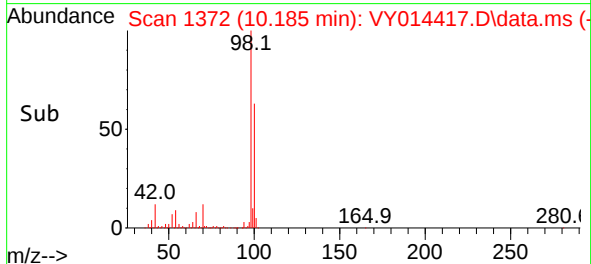
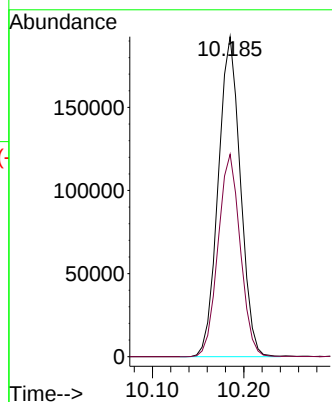
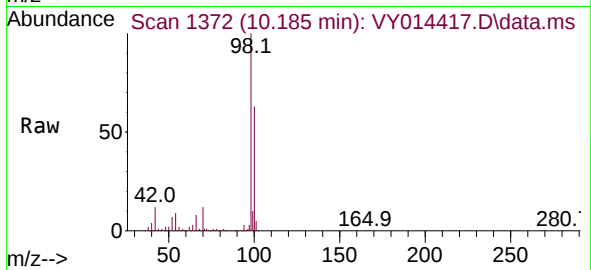
VOC

Tgt Ion: 98 Resp: 324751

Ion Ratio Lower Upper

98 100

100 63.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 46.014 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014417.D

Acq: 23 Jun 2023 18:58

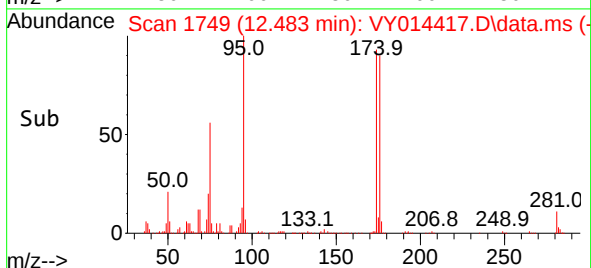
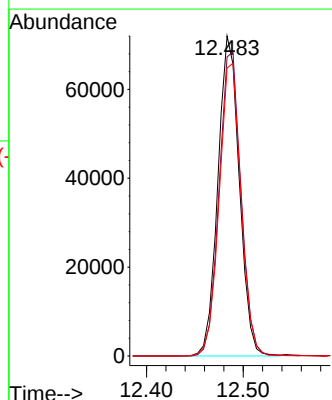
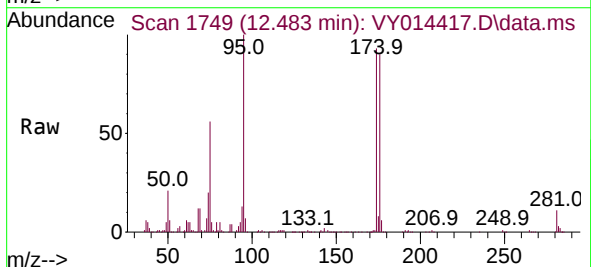
Tgt Ion: 95 Resp: 110414

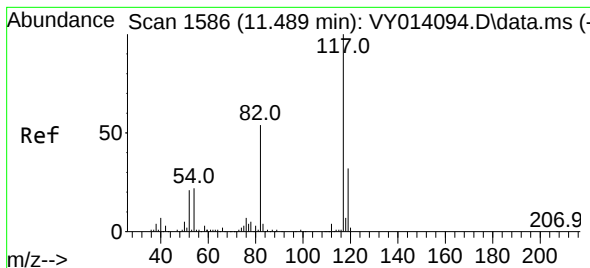
Ion Ratio Lower Upper

95 100

174 97.6 0.0 178.2

176 93.3 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: VY014417.D

Acq: 23 Jun 2023 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VOC

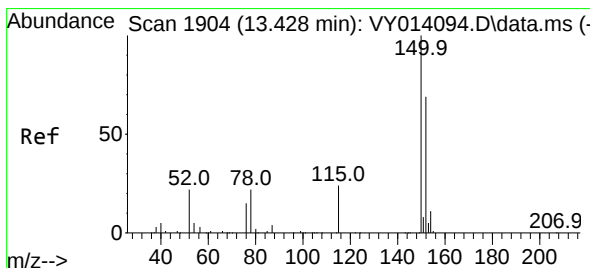
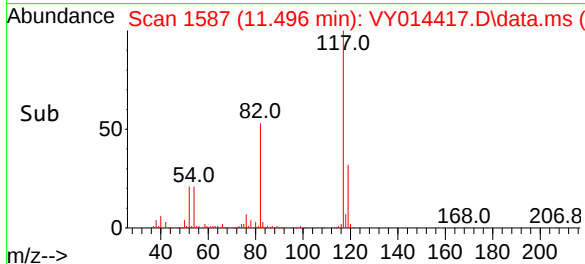
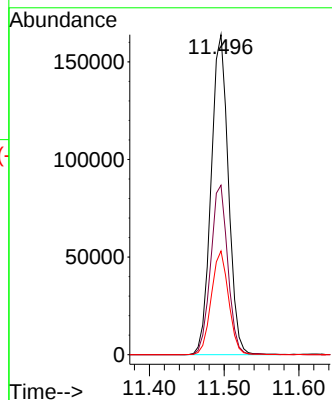
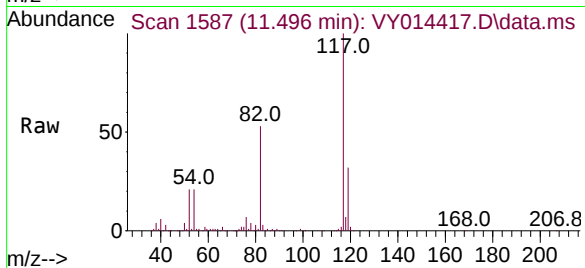
Tgt Ion:117 Resp: 263312

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.4 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: VY014417.D

Acq: 23 Jun 2023 18:58

Tgt Ion:152 Resp: 128585

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 154.4 0.0 348.8

