

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016310.D
 Acq On : 10 Nov 2023 17:36
 Operator : SY/MD
 Sample : 05379-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-VOC

Quant Time: Nov 10 22:23:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	96646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	174942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	168920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	63959	72.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.820%
35) Dibromofluoromethane	7.728	113	55158	55.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.000%
50) Toluene-d8	10.191	98	206193	51.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.489	95	72830	55.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.280%

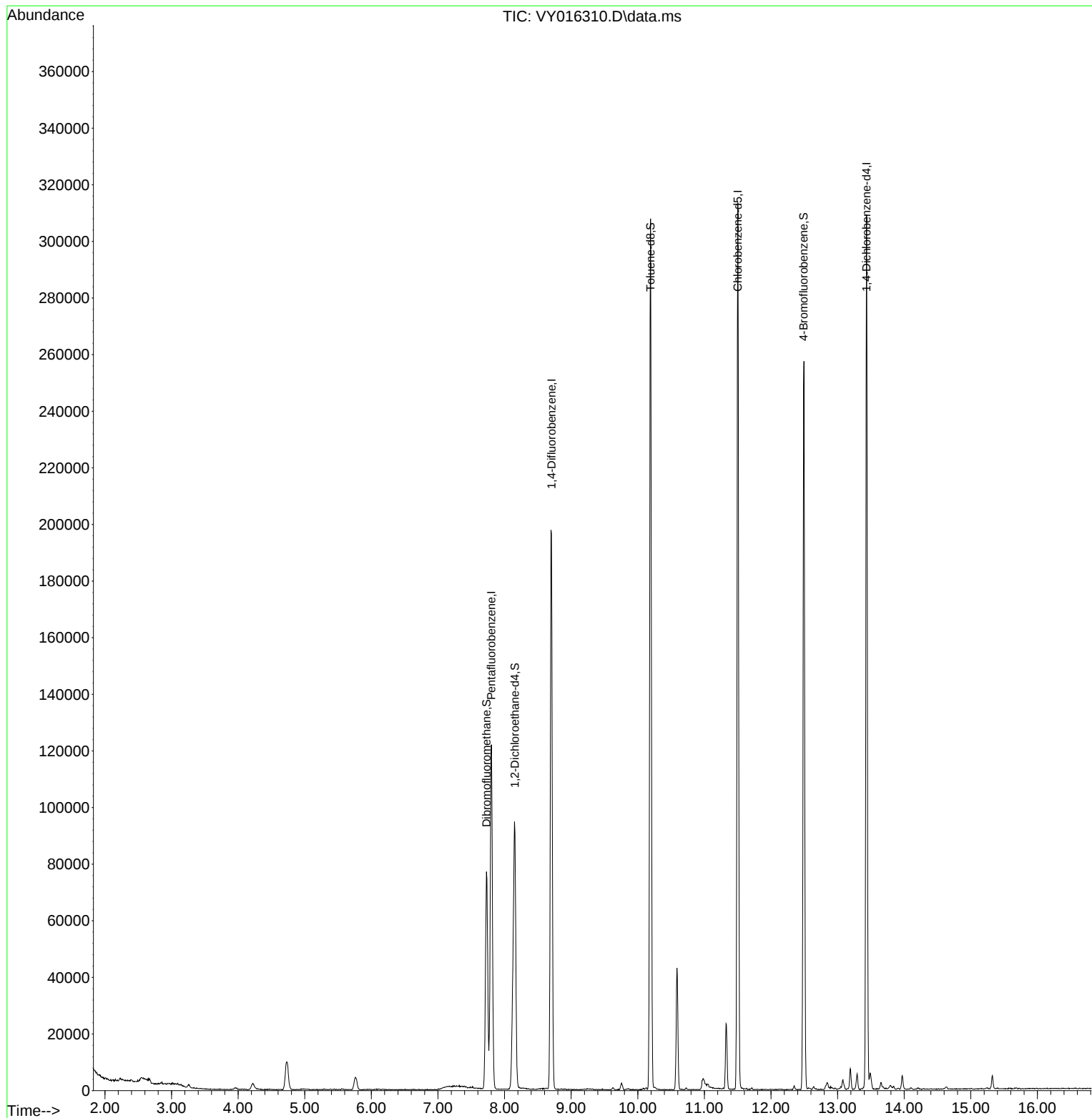
Target Compounds	Qvalue

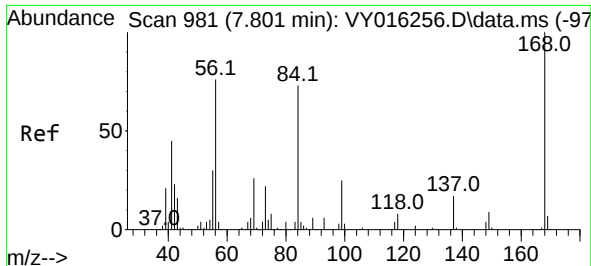
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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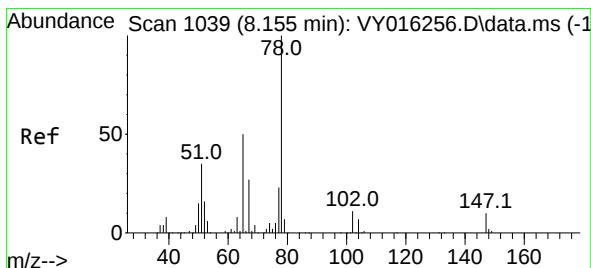
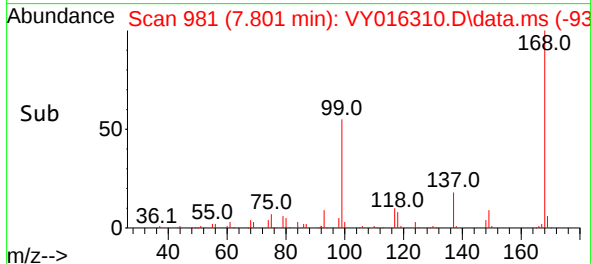
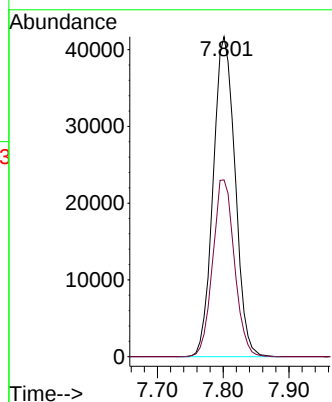
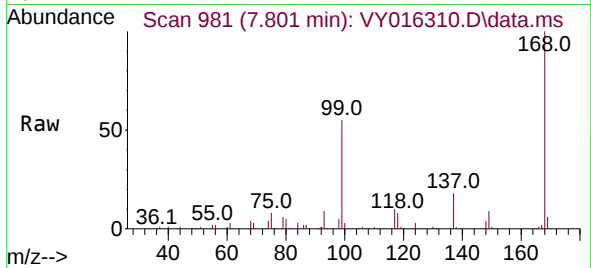




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

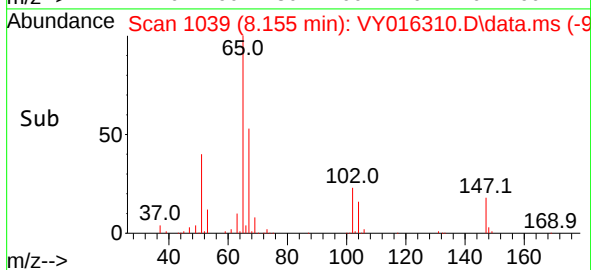
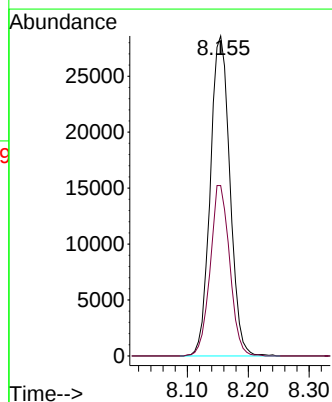
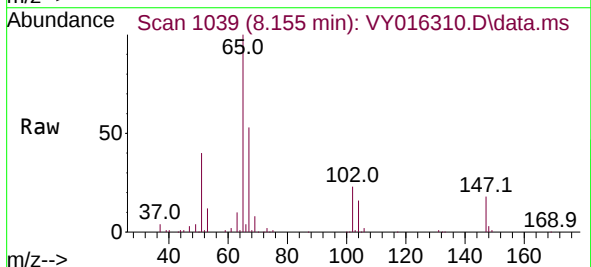
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

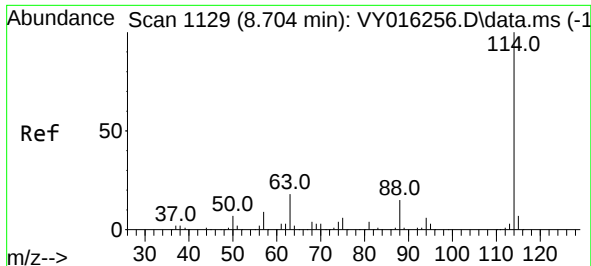
Tgt Ion:168 Resp: 96646
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 72.409 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

Tgt Ion: 65 Resp: 63959
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016310.D

Acq: 10 Nov 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-5-VOC

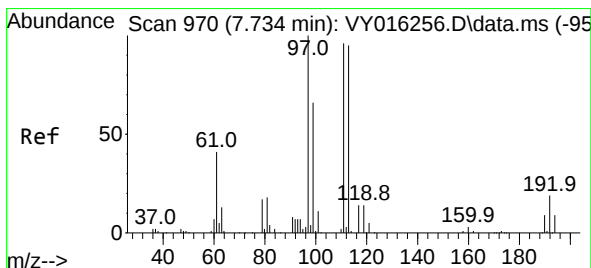
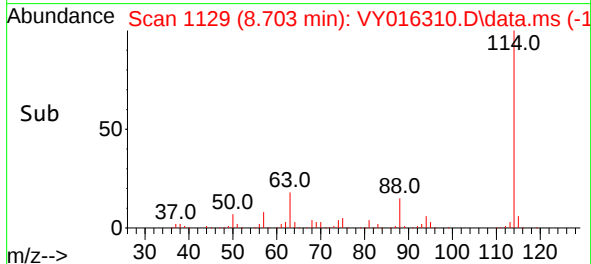
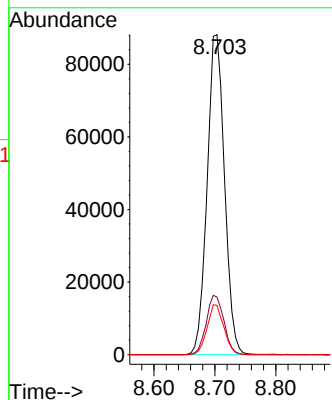
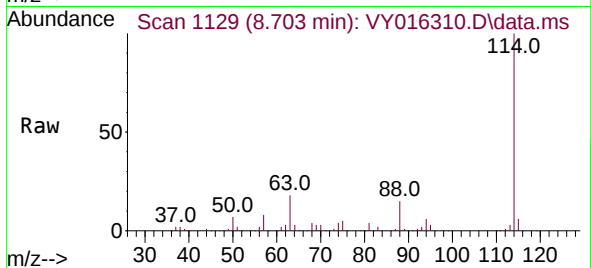
Tgt Ion:114 Resp: 174942

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.503 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016310.D

Acq: 10 Nov 2023 17:36

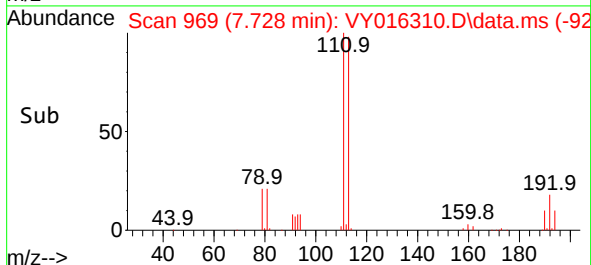
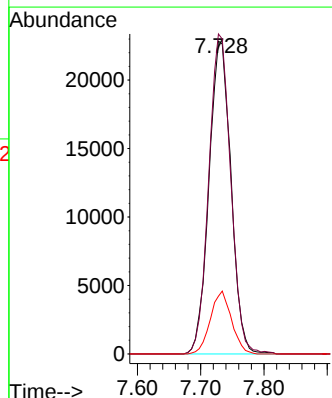
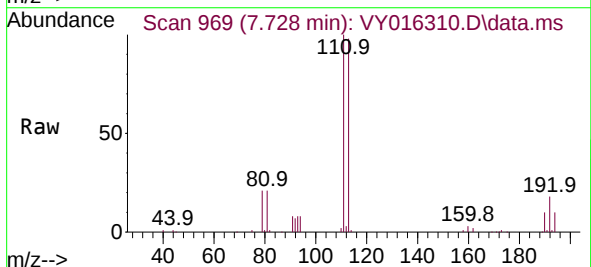
Tgt Ion:113 Resp: 55158

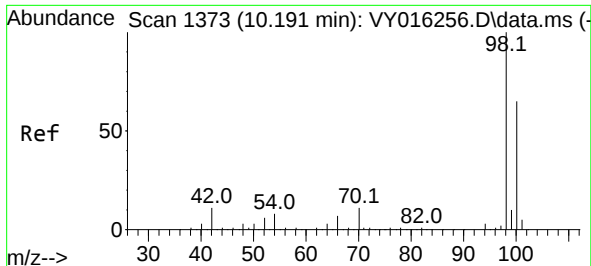
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 19.3 16.9 25.3

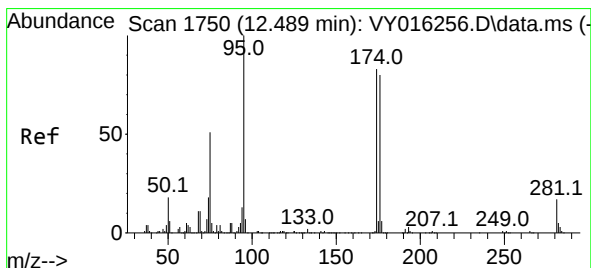
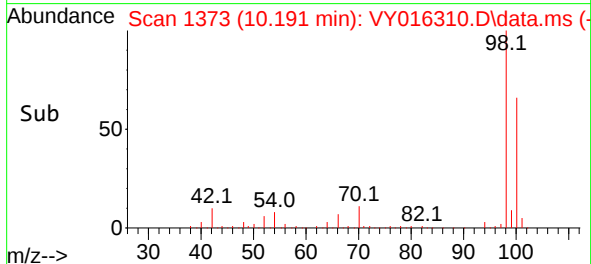
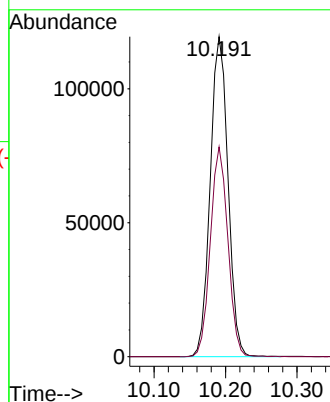
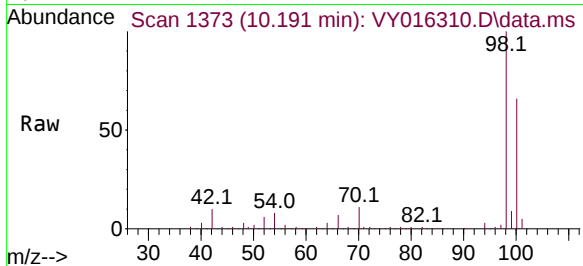




#50
Toluene-d8
Concen: 51.165 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

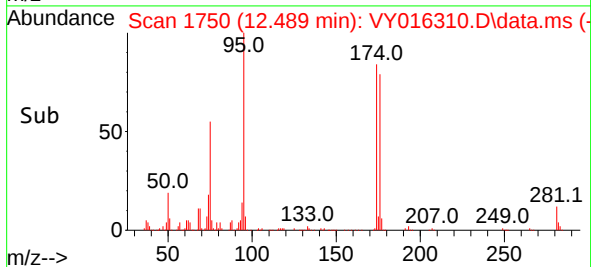
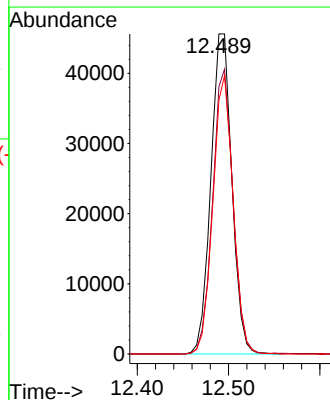
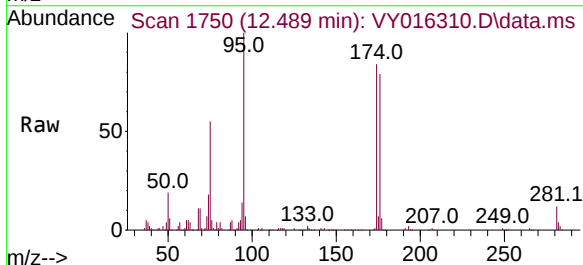
Instrument :
MSVOA_Y
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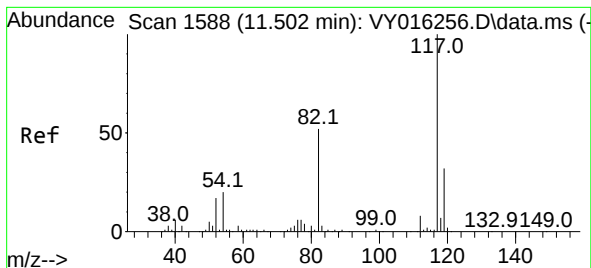
Tgt Ion: 98 Resp: 206193
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.643 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016310.D
Acq: 10 Nov 2023 17:36

Tgt Ion: 95 Resp: 72830
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016310.D

Acq: 10 Nov 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-5-VOC

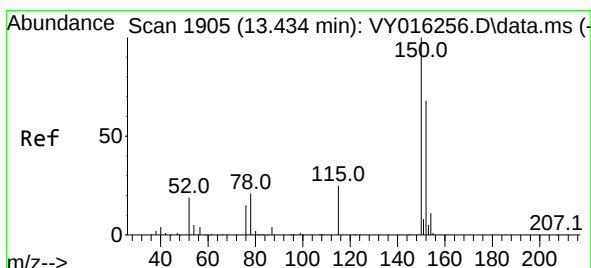
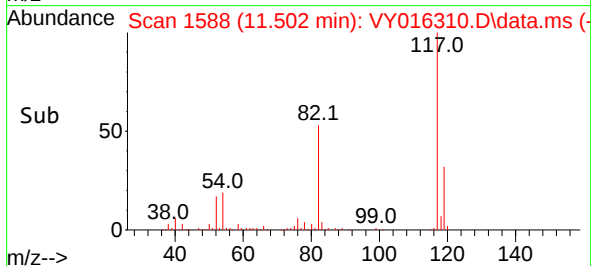
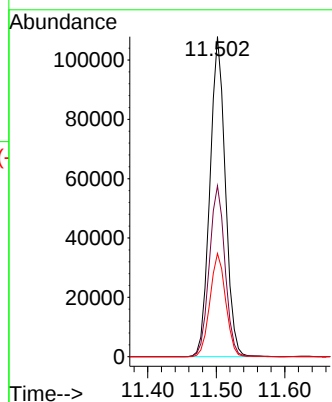
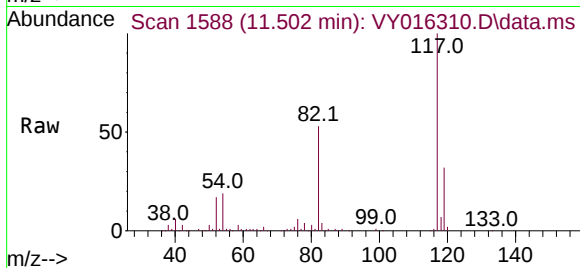
Tgt Ion:117 Resp: 168920

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016310.D

Acq: 10 Nov 2023 17:36

Tgt Ion:152 Resp: 80104

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 155.2 0.0 348.8

