

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016312.D
 Acq On : 10 Nov 2023 18:23
 Operator : SY/MD
 Sample : 05380-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-8-VOC

Quant Time: Nov 10 22:24:03 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	96104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	174696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	167290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	61807	70.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.740%
35) Dibromofluoromethane	7.728	113	54727	55.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.191	98	205856	51.153	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.300%
62) 4-Bromofluorobenzene	12.495	95	72466	55.443	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.880%

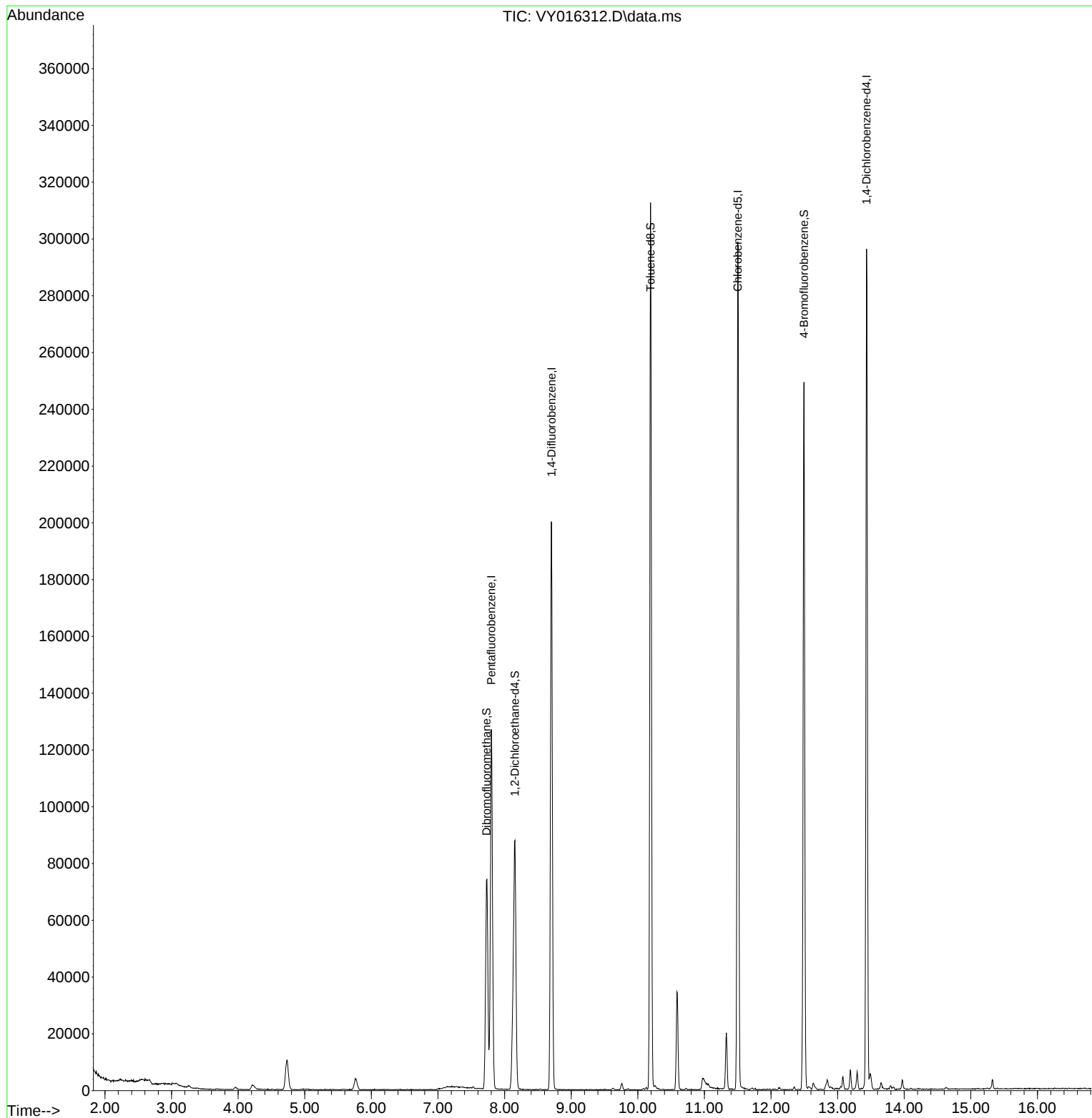
Target Compounds	Qvalue

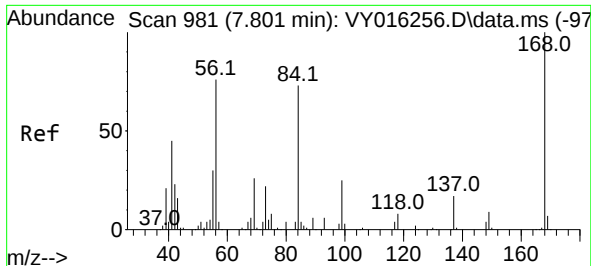
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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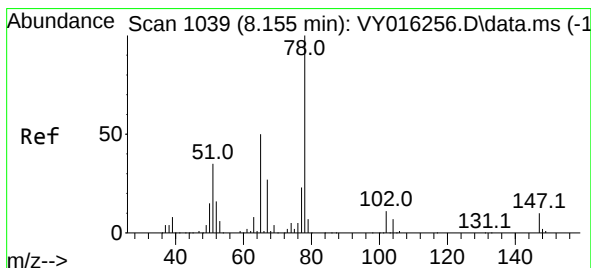
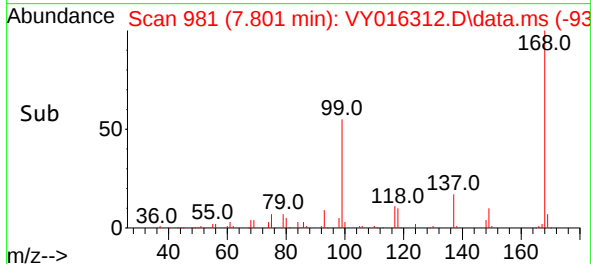
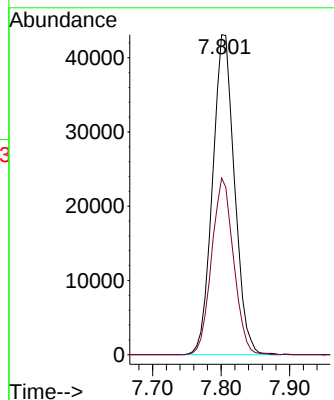
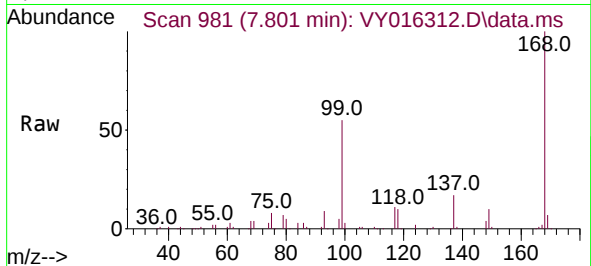




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

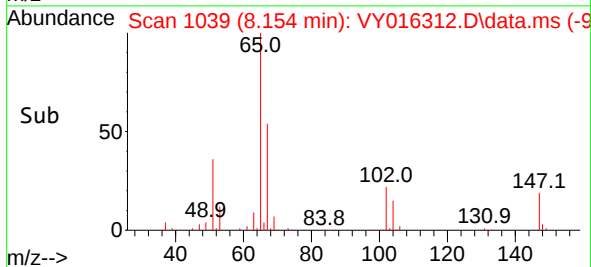
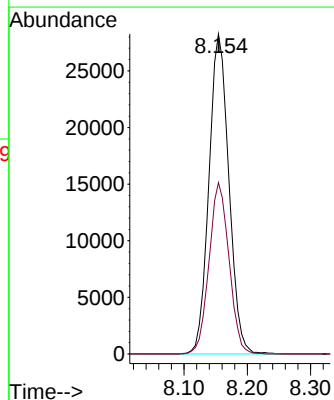
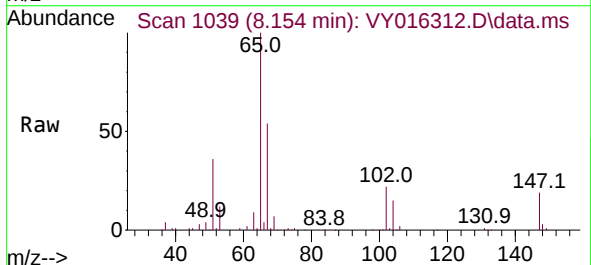
Instrument :
MSVOA_Y
ClientSampleId :
WC-8-VOC

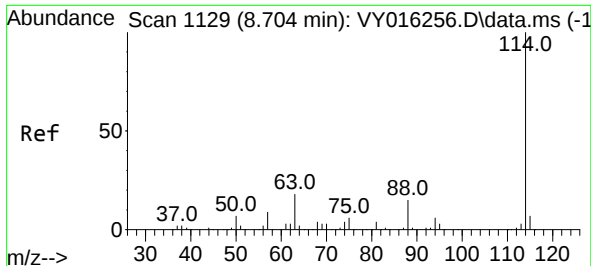
Tgt Ion:168 Resp: 96104
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 70.367 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

Tgt Ion: 65 Resp: 61807
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.001 min

Lab File: VY016312.D

Acq: 10 Nov 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-8-VOC

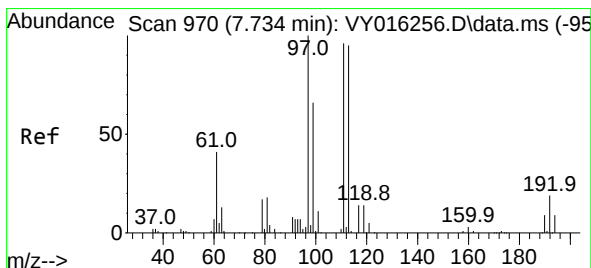
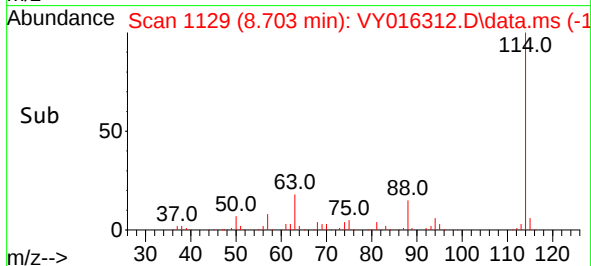
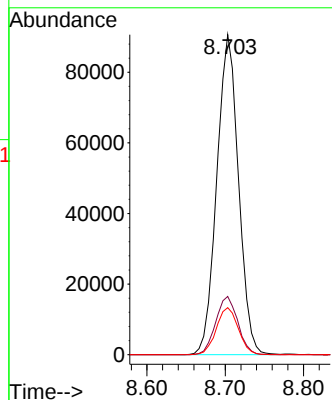
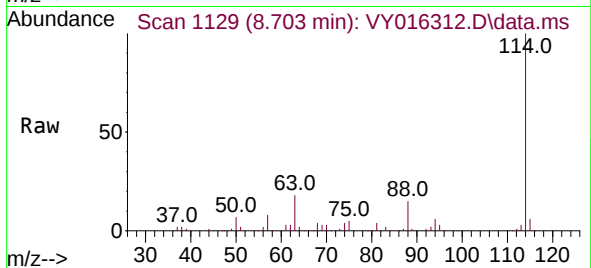
Tgt Ion:114 Resp: 174696

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.147 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.007 min

Lab File: VY016312.D

Acq: 10 Nov 2023 18:23

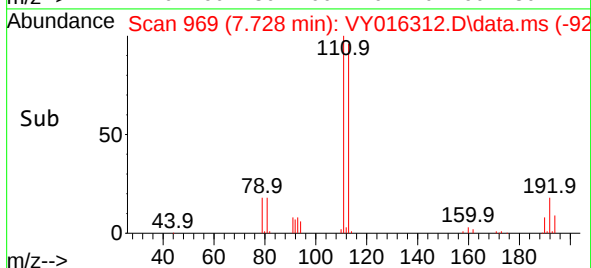
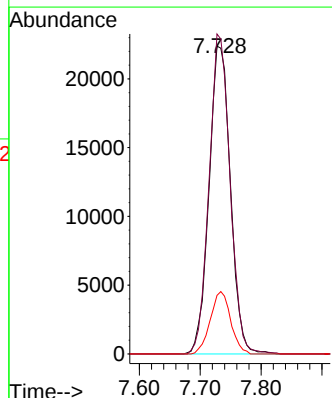
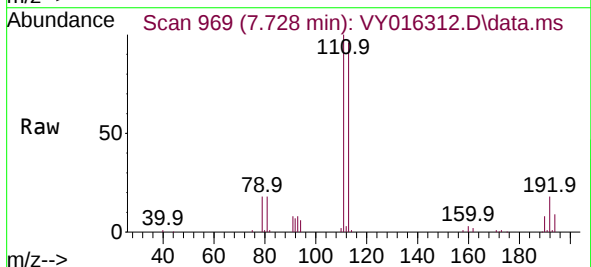
Tgt Ion:113 Resp: 54727

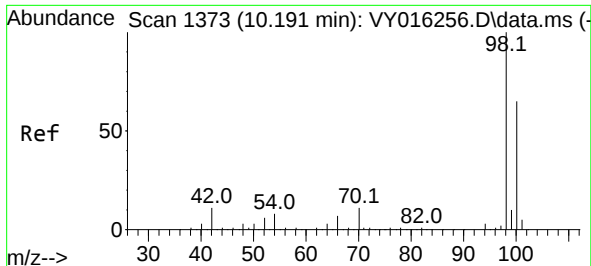
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 19.3 16.9 25.3

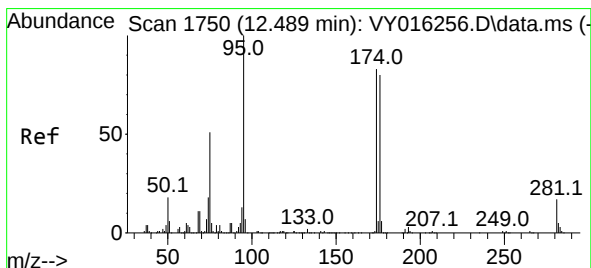
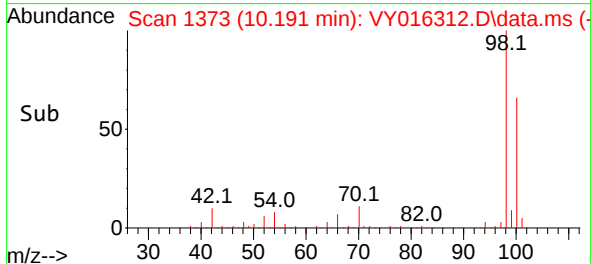
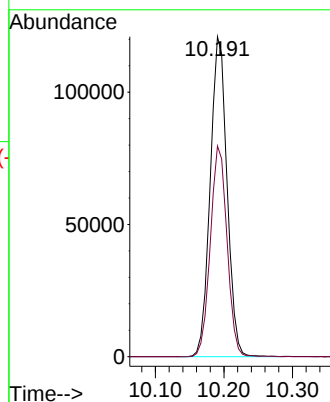
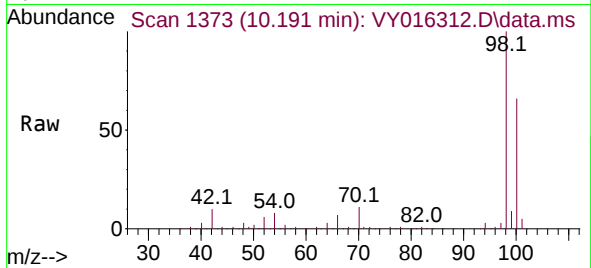




#50
Toluene-d8
Concen: 51.153 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

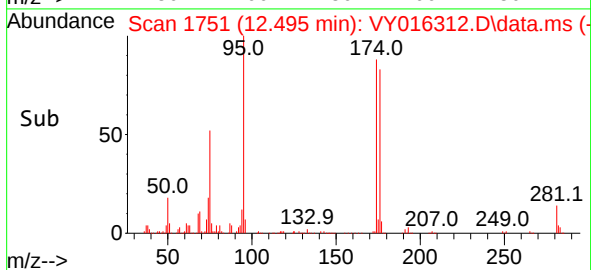
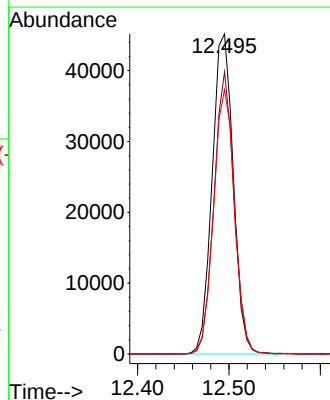
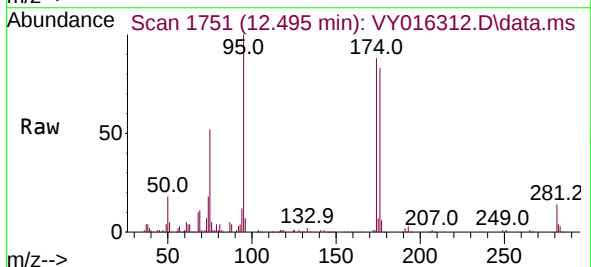
Instrument :
MSVOA_Y
ClientSampleId :
WC-8-VOC

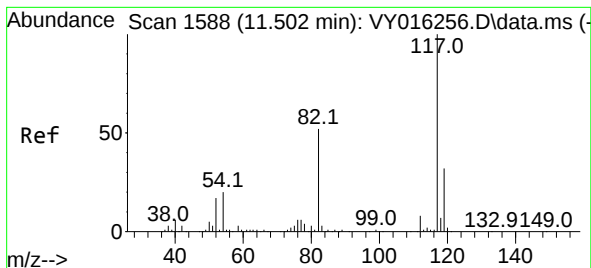
Tgt Ion: 98 Resp: 205856
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.443 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016312.D
Acq: 10 Nov 2023 18:23

Tgt Ion: 95 Resp: 72466
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY016312.D

Acq: 10 Nov 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-8-VOC

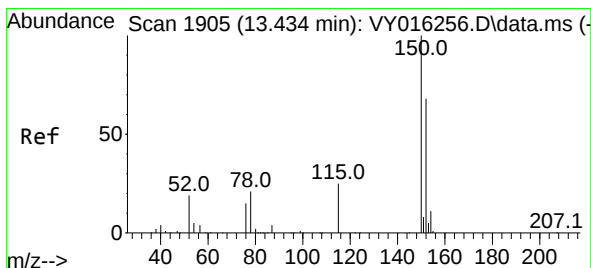
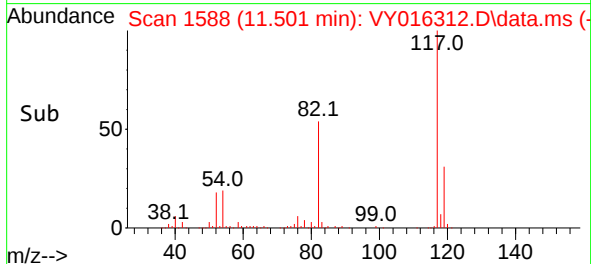
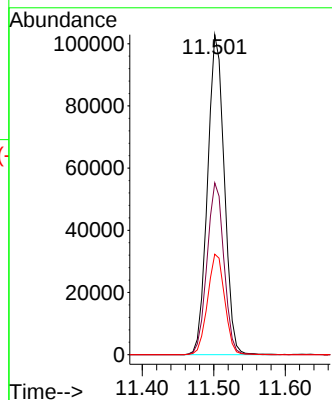
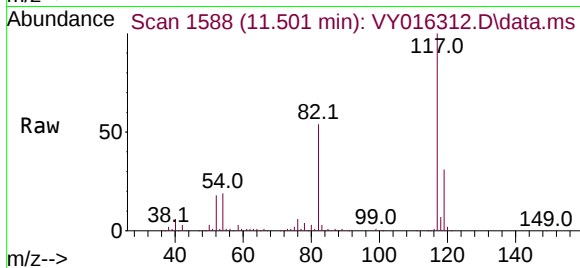
Tgt Ion:117 Resp: 167290

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.001 min

Lab File: VY016312.D

Acq: 10 Nov 2023 18:23

Tgt Ion:152 Resp: 78284

Ion Ratio Lower Upper

152 100

115 59.3 28.8 86.5

150 158.2 0.0 348.8

