

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016313.D
 Acq On : 10 Nov 2023 18:46
 Operator : SY/MD
 Sample : 05378-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-3-VOC

Quant Time: Nov 10 22:24:24 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	95598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	171959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	168532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77498	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60289	69.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.000%
35) Dibromofluoromethane	7.728	113	54050	55.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.660%
50) Toluene-d8	10.191	98	203862	51.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.495	95	70848	55.068	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.140%

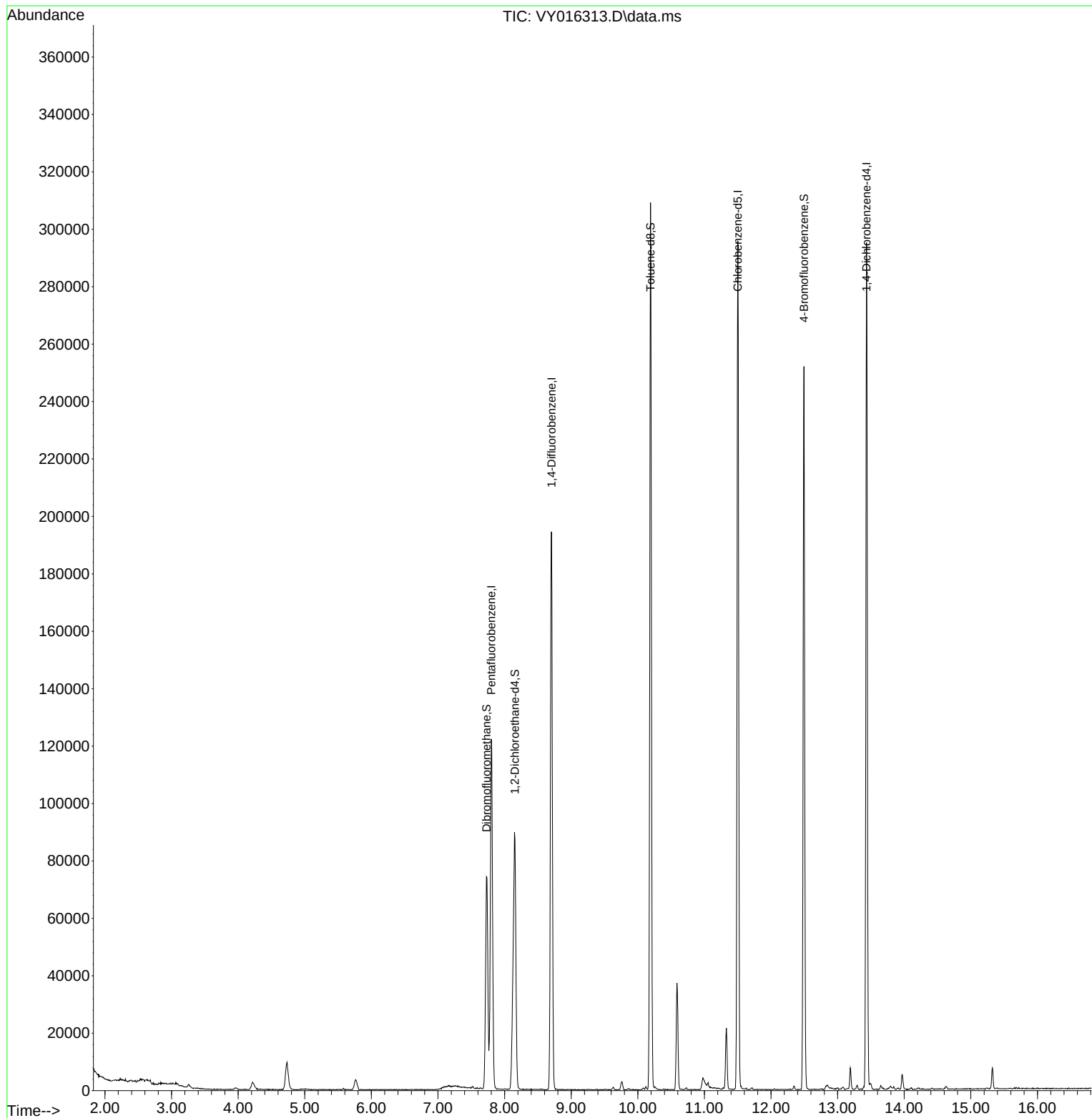
Target Compounds	Qvalue

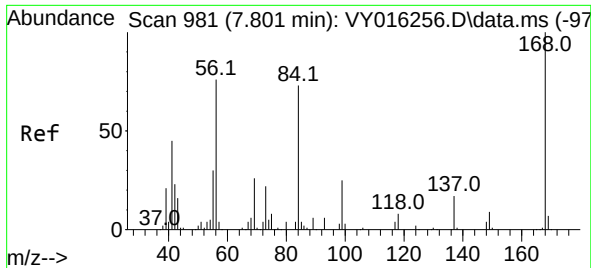
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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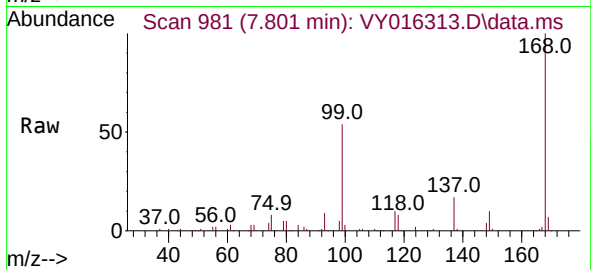
Quant Time: Nov 10 22:24:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
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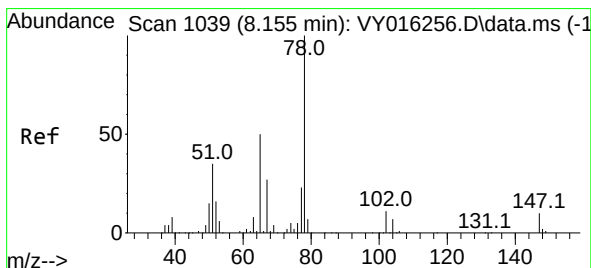
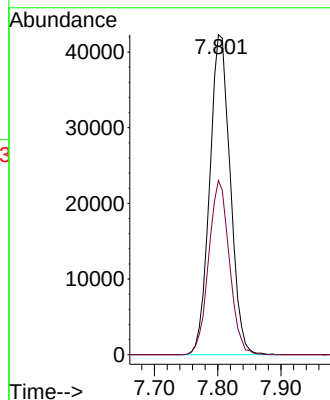
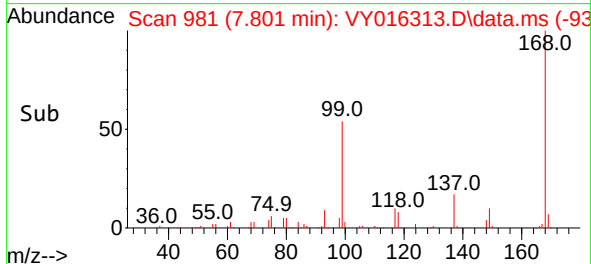


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
MH-3-VOC

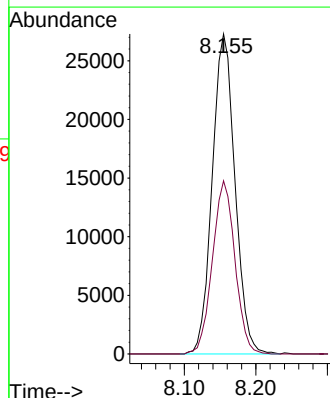
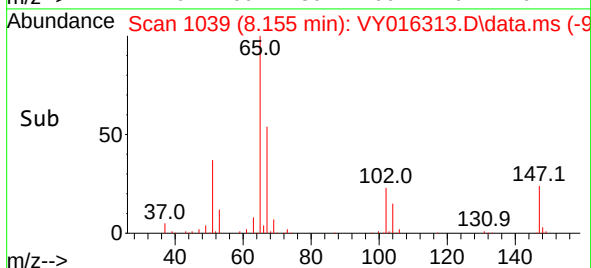
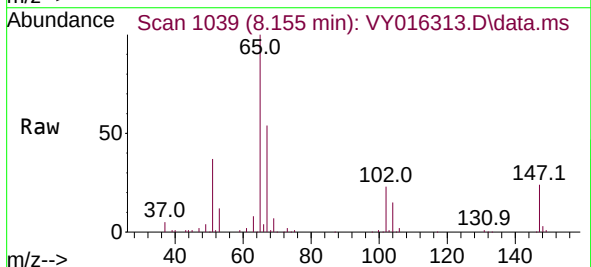


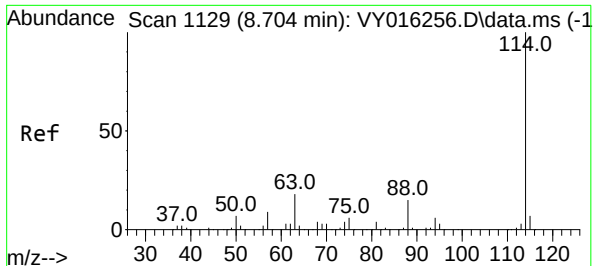
Tgt Ion:168 Resp: 95598
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 69.002 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

Tgt Ion: 65 Resp: 60289
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. -0.000 min

Lab File: VY016313.D

Acq: 10 Nov 2023 18:46

Instrument :

MSVOA_Y

ClientSampleId :

MH-3-VOC

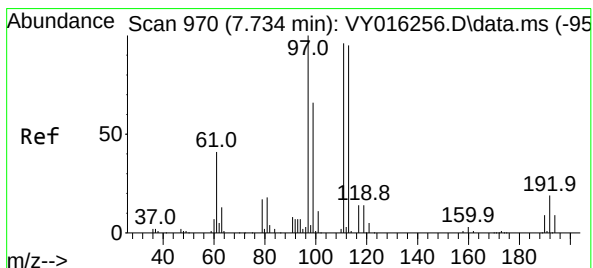
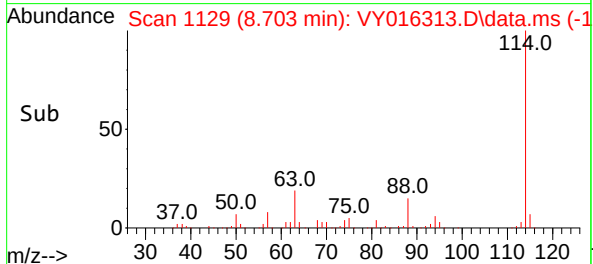
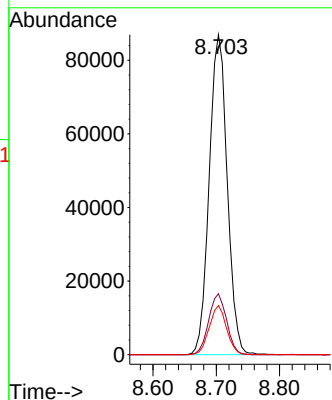
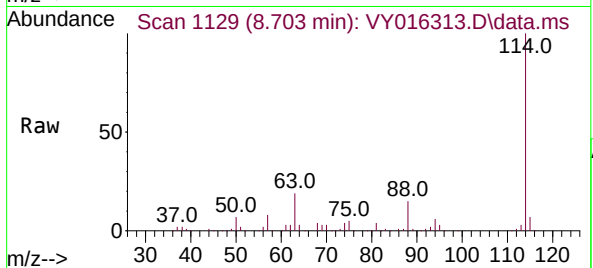
Tgt Ion:114 Resp: 171959

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.332 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016313.D

Acq: 10 Nov 2023 18:46

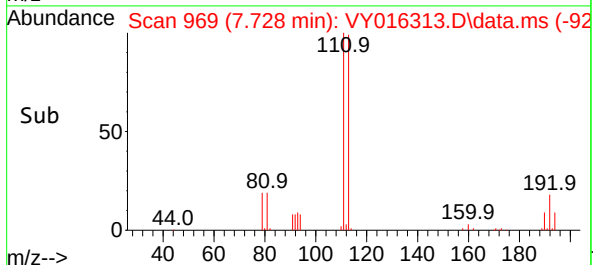
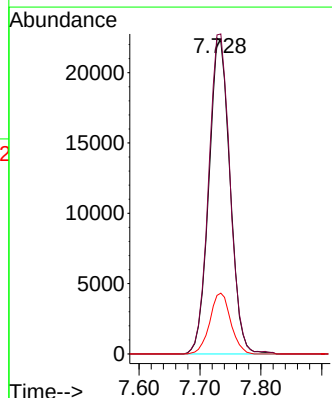
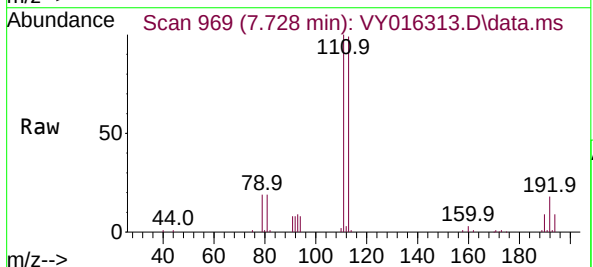
Tgt Ion:113 Resp: 54050

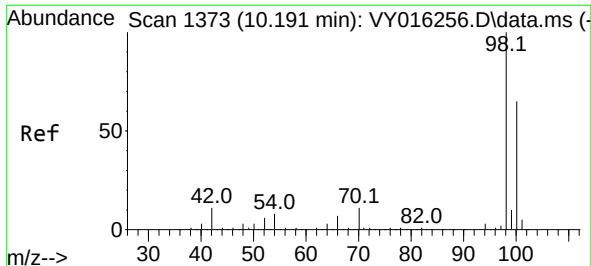
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.1 16.9 25.3

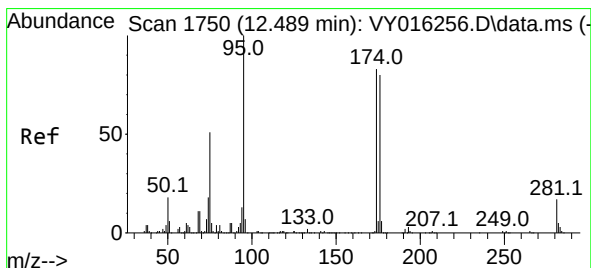
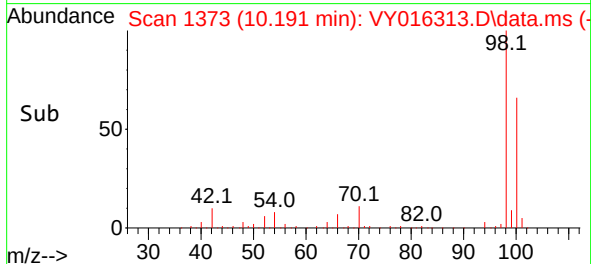
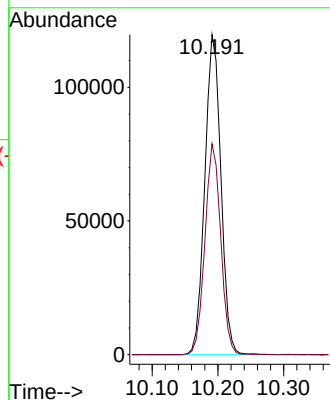
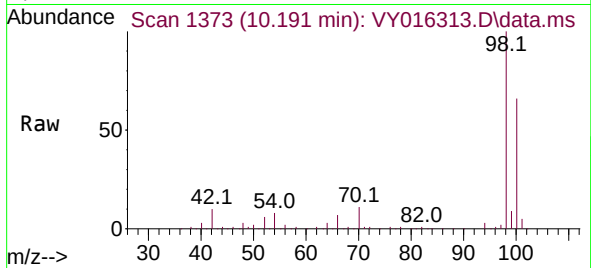




#50
Toluene-d8
Concen: 51.464 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

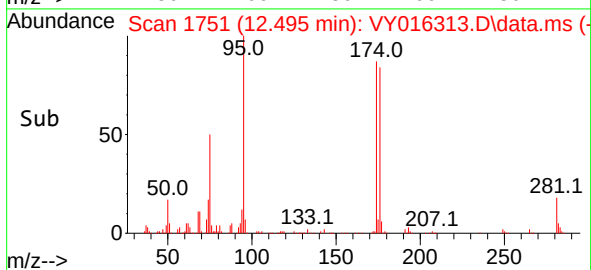
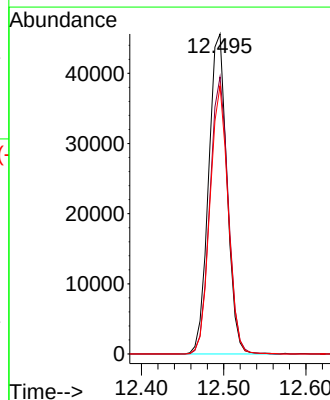
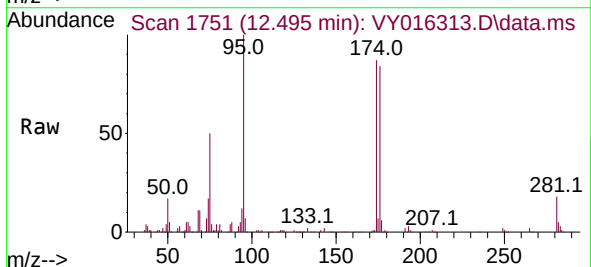
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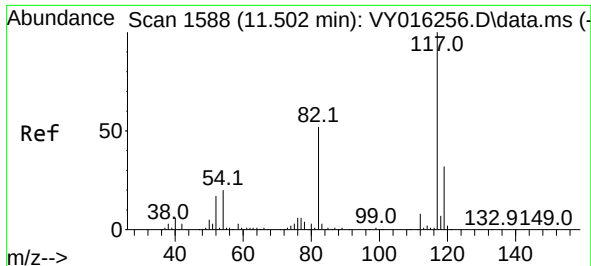
Tgt Ion: 98 Resp: 203862
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.068 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

Tgt Ion: 95 Resp: 70848
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 83.0 0.0 173.8

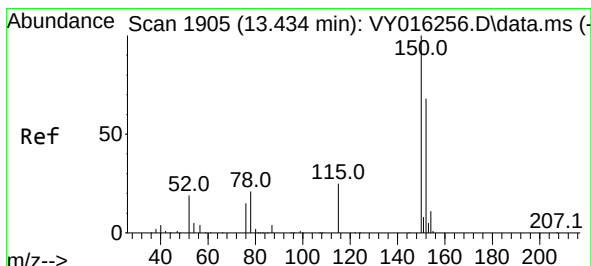
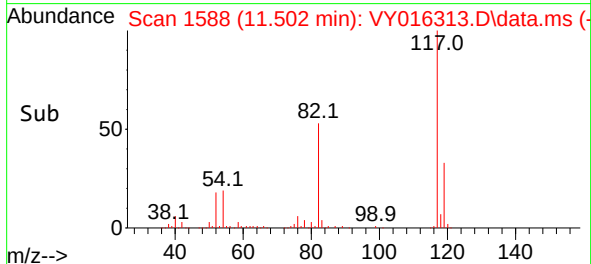
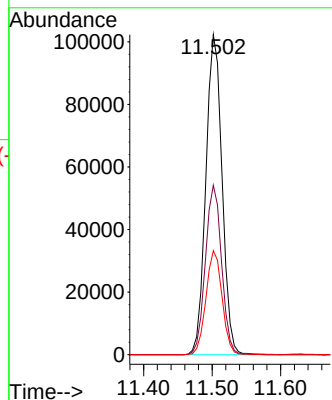
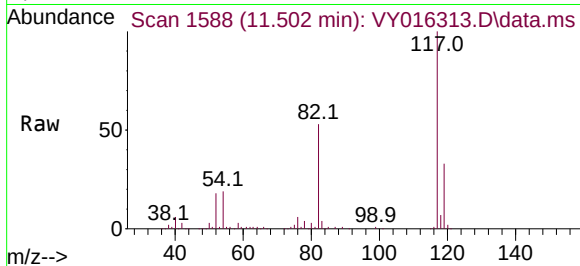




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016313.D
Acq: 10 Nov 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
MH-3-VOC

Tgt Ion:117 Resp: 168532
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 32.5 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: VY016313.D
Acq: 10 Nov 2023 18:46

Tgt Ion:152 Resp: 77498
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 156.7 0.0 348.8

