

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016307.D
 Acq On : 10 Nov 2023 14:46
 Operator : SY/MD
 Sample : 05361-01
 Misc : 5.70 g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-111023

Quant Time: Nov 10 22:22:17 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	96498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61599	69.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.680%	
35) Dibromofluoromethane	7.722	113	54315	55.281	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.560%	
50) Toluene-d8	10.185	98	203018	50.954	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.489	95	72741	56.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.420%	

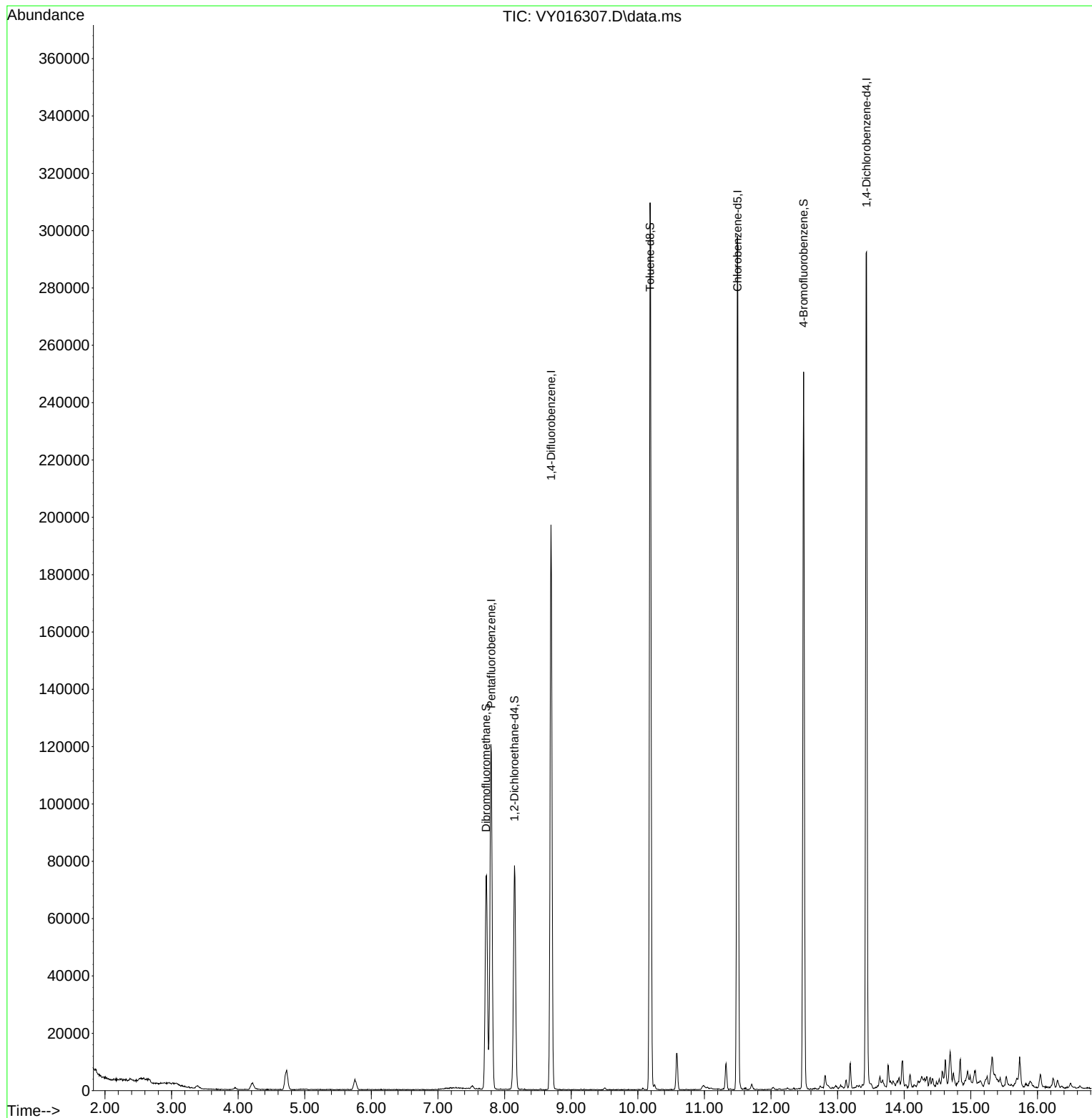
Target Compounds	Qvalue

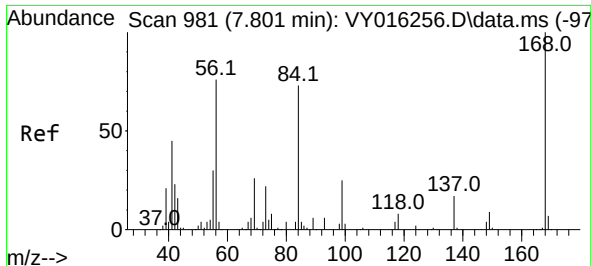
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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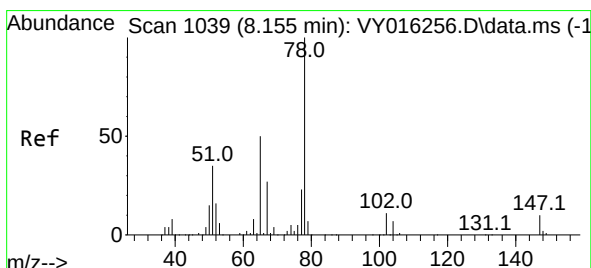
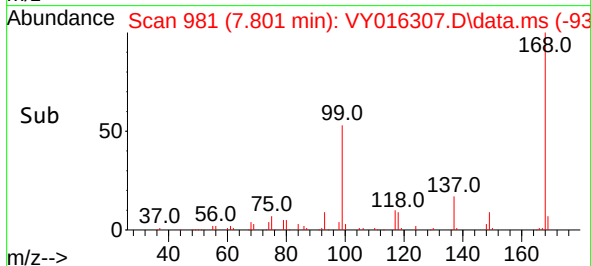
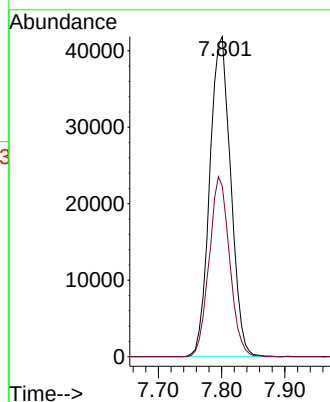
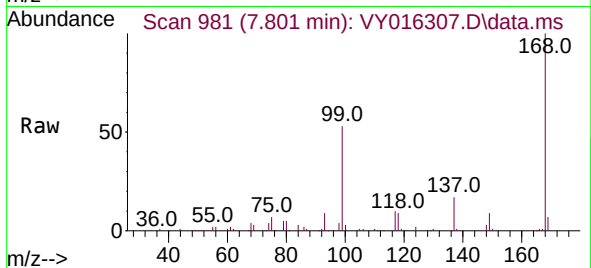




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

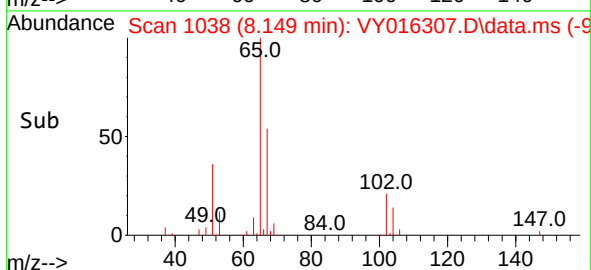
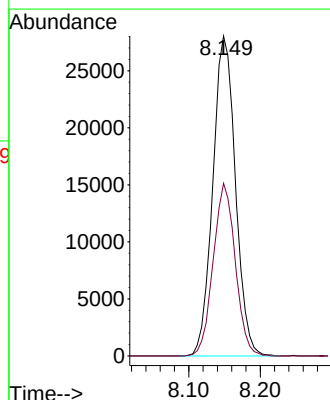
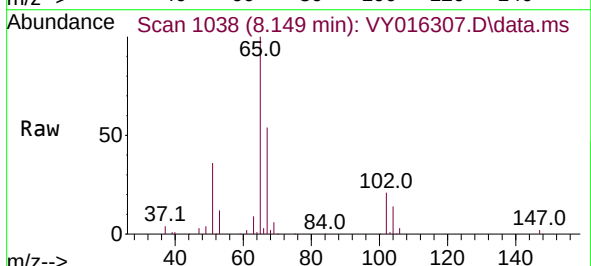
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111023

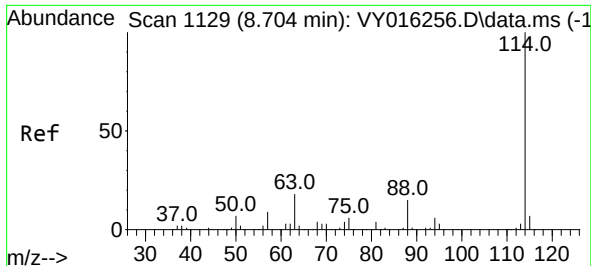
Tgt Ion:168 Resp: 96498
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 69.844 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

Tgt Ion: 65 Resp: 61599
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016307.D

Acq: 10 Nov 2023 14:46

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-111023

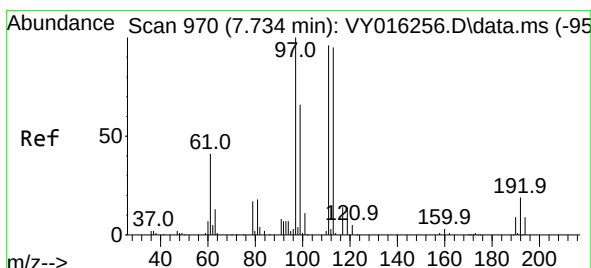
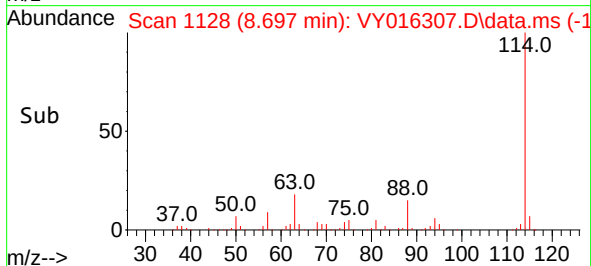
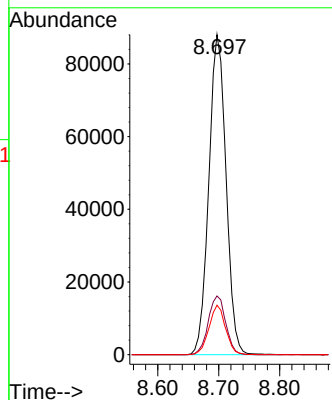
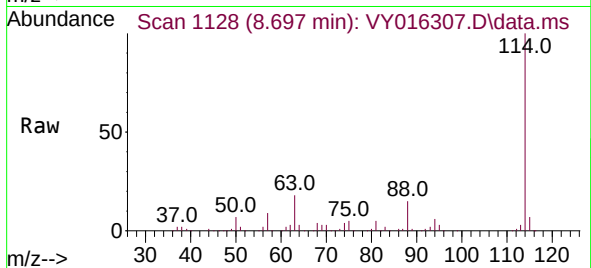
Tgt Ion:114 Resp: 172962

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.281 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016307.D

Acq: 10 Nov 2023 14:46

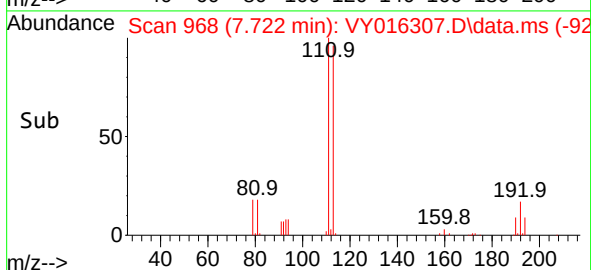
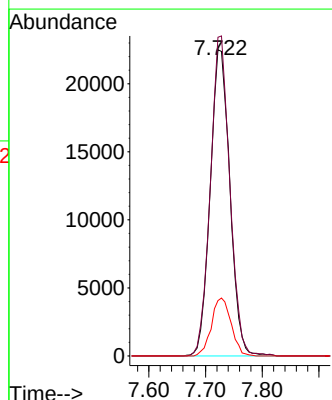
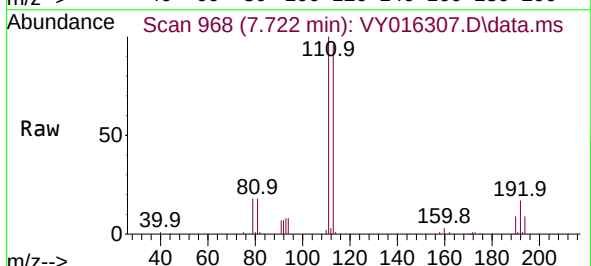
Tgt Ion:113 Resp: 54315

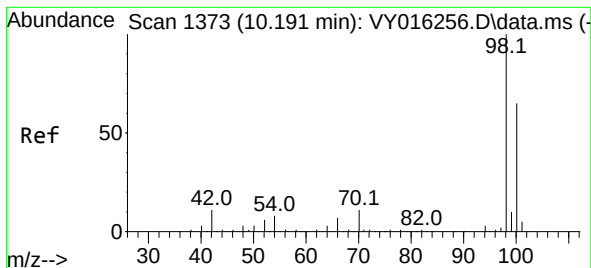
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 18.9 16.9 25.3





#50

Toluene-d8

Concen: 50.954 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016307.D

Acq: 10 Nov 2023 14:46

Instrument :

MSVOA_Y

ClientSampleId :

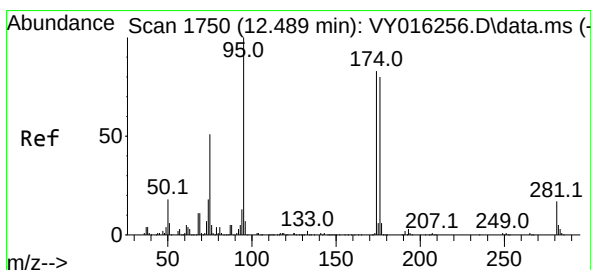
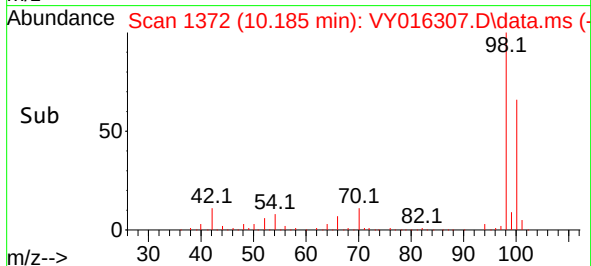
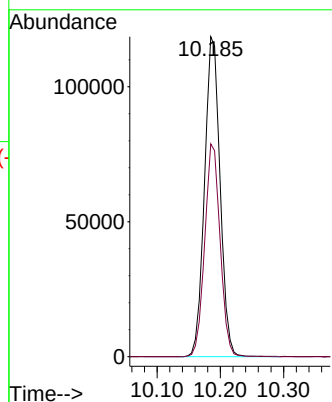
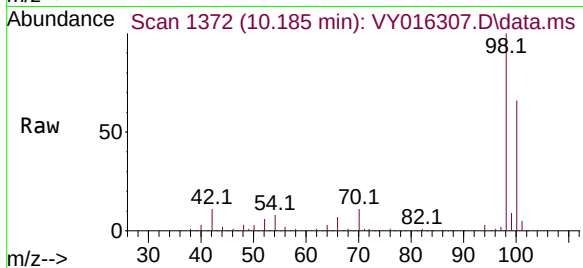
OK-01-111023

Tgt Ion: 98 Resp: 203018

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 56.211 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016307.D

Acq: 10 Nov 2023 14:46

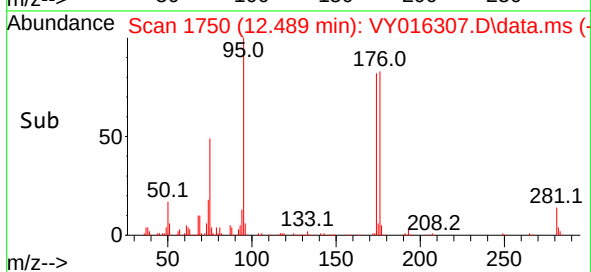
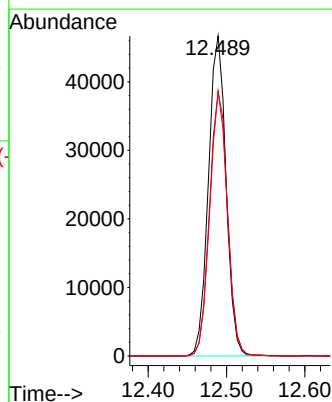
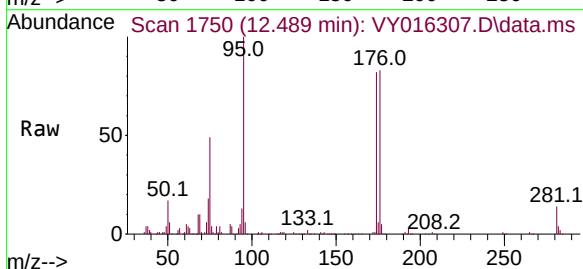
Tgt Ion: 95 Resp: 72741

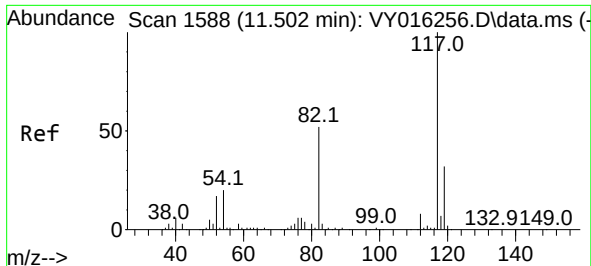
Ion Ratio Lower Upper

95 100

174 84.5 0.0 178.2

176 82.6 0.0 173.8

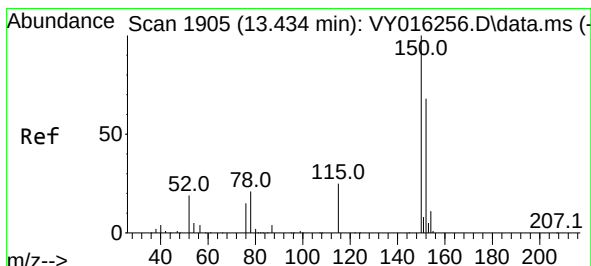
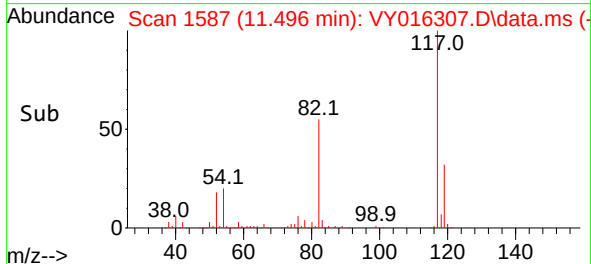
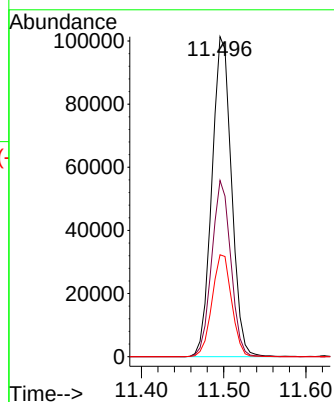
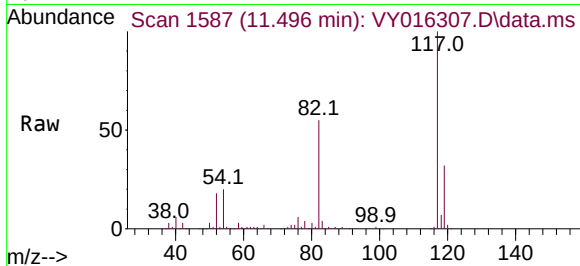




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111023

Tgt Ion:117 Resp: 167910
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 31.8 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: VY016307.D
Acq: 10 Nov 2023 14:46

Tgt Ion:152 Resp: 78245
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 156.3 0.0 348.8

