

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
 Data File : VY013045.D
 Acq On : 22 Mar 2023 13:34
 Operator : KP/MD
 Sample : 02021-13
 Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-46B-032023

Quant Time: Mar 23 05:21:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	79188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	132642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	105850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54085	68.790	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.580%
35) Dibromofluoromethane	7.716	113	47038	58.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.520%
50) Toluene-d8	10.179	98	161572	55.211	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.420%
62) 4-Bromofluorobenzene	12.483	95	40670	41.175	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.340%

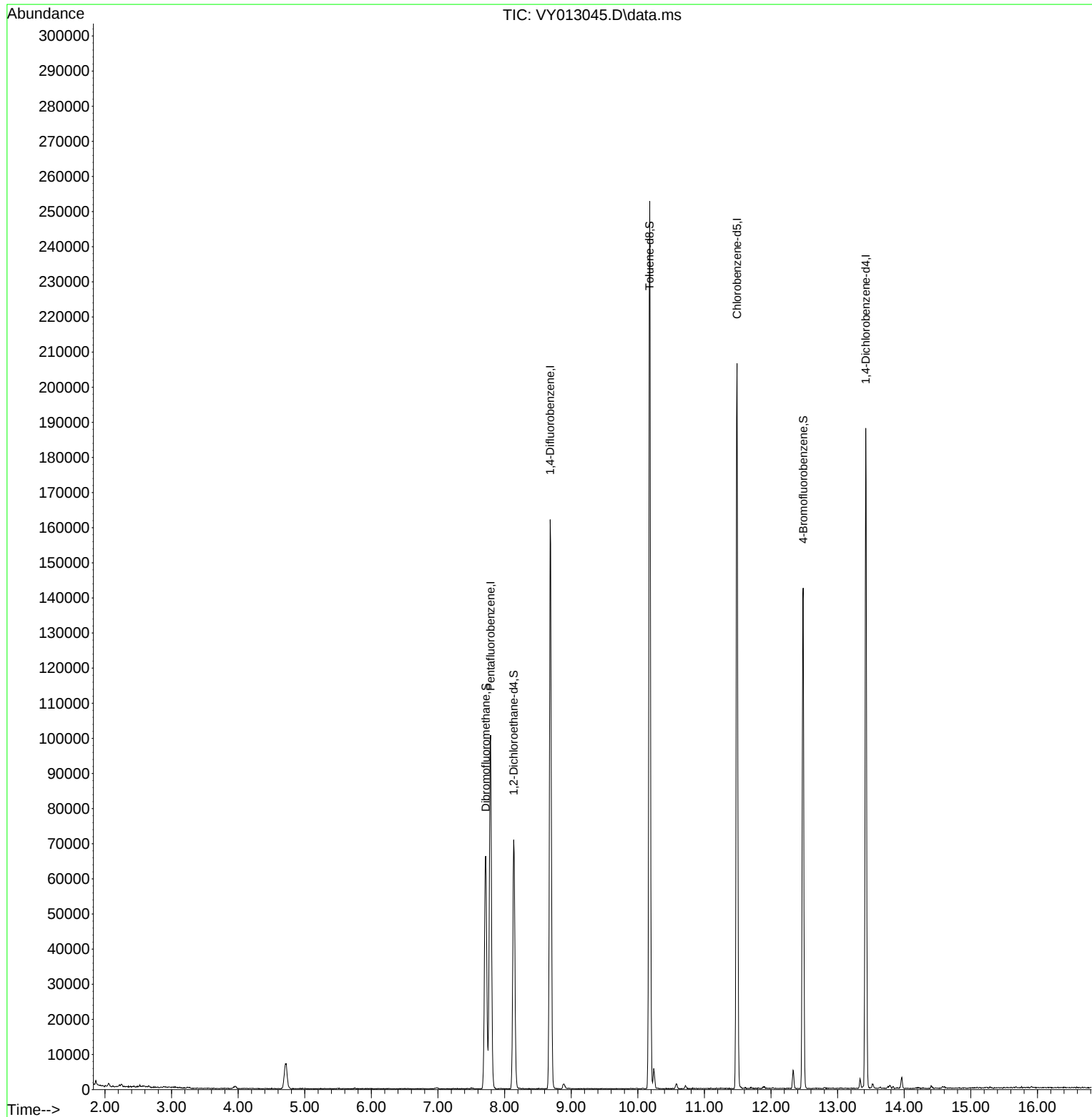
Target Compounds	Qvalue

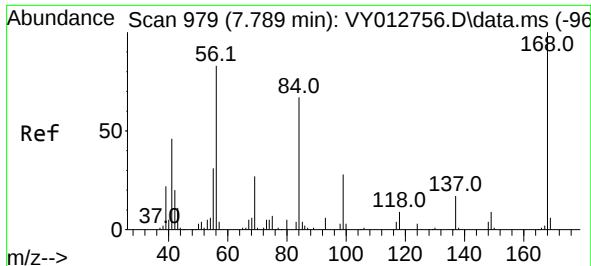
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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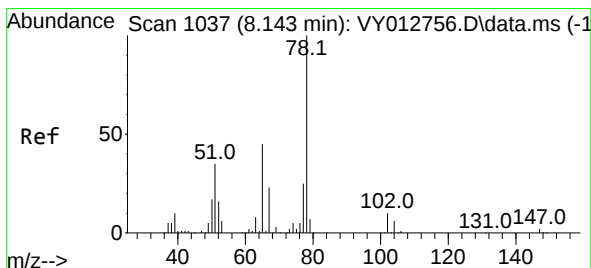
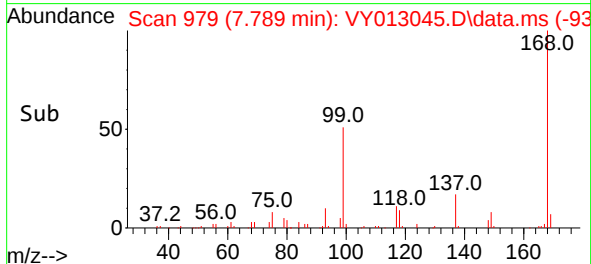
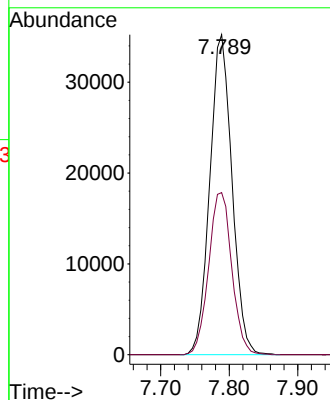
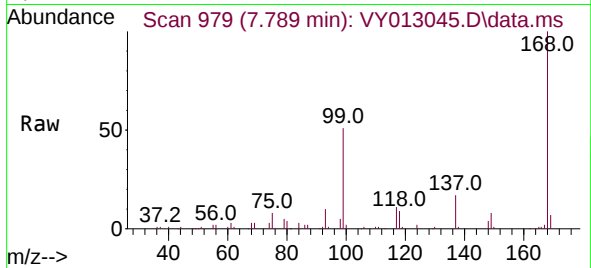




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013045.D
Acq: 22 Mar 2023 13:34

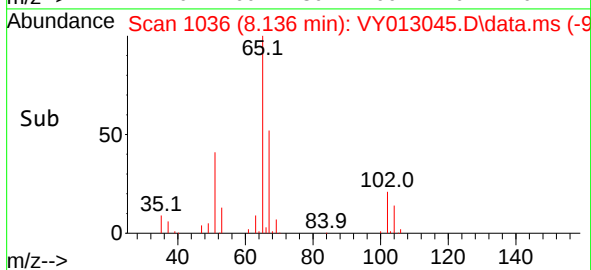
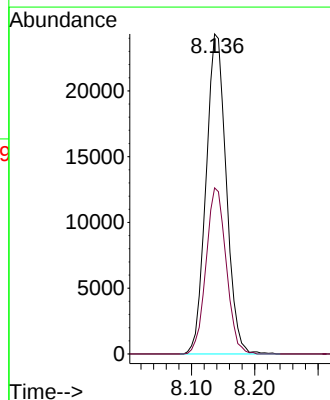
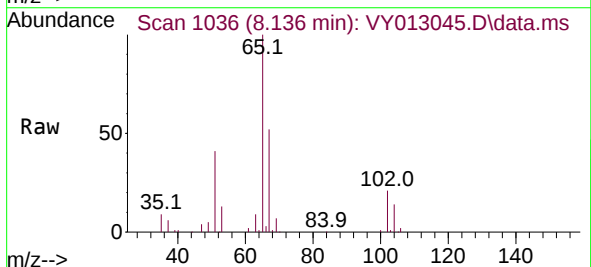
Instrument :
MSVOA_Y
ClientSampleId :
JPP-46B-032023

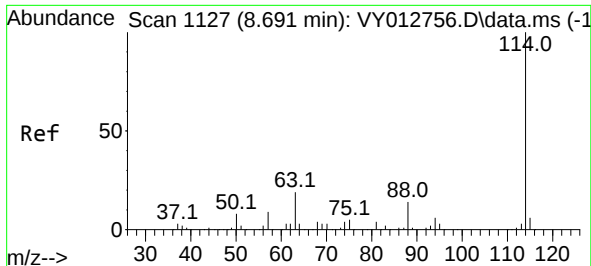
Tgt Ion:168 Resp: 79188
Ion Ratio Lower Upper
168 100
99 50.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 68.790 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013045.D
Acq: 22 Mar 2023 13:34

Tgt Ion: 65 Resp: 54085
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013045.D

Acq: 22 Mar 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

JPP-46B-032023

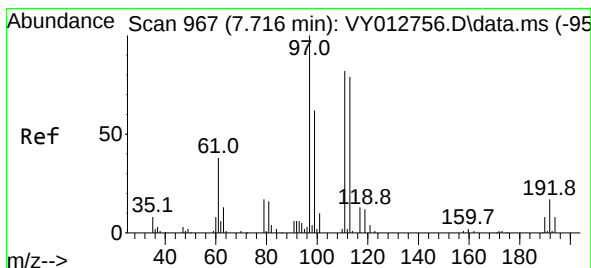
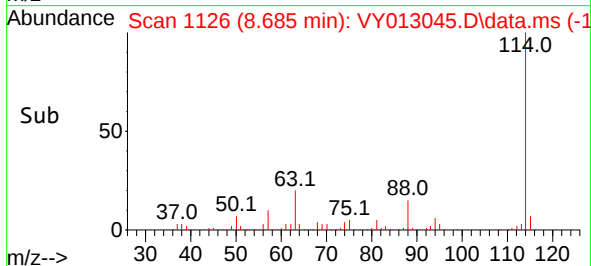
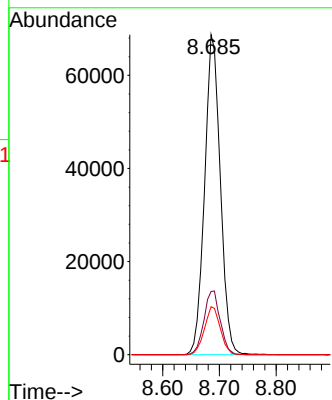
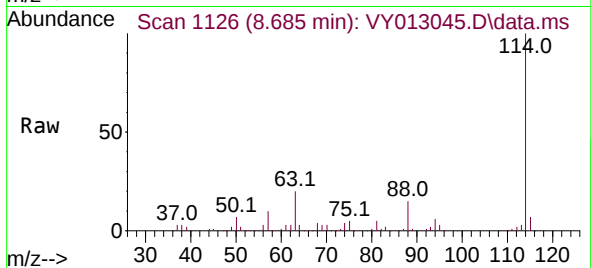
Tgt Ion:114 Resp: 132642

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.761 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013045.D

Acq: 22 Mar 2023 13:34

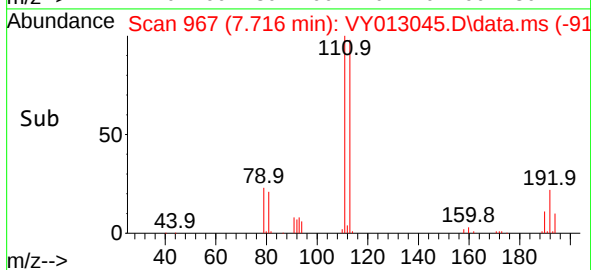
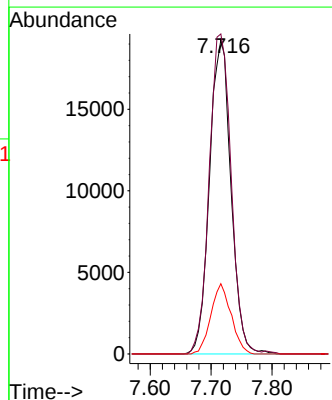
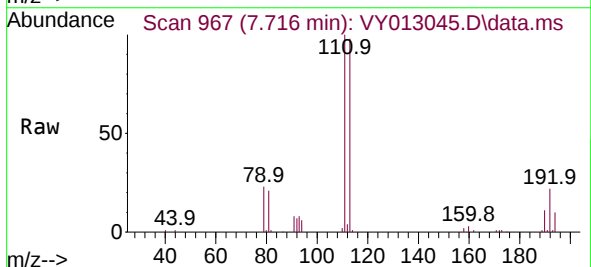
Tgt Ion:113 Resp: 47038

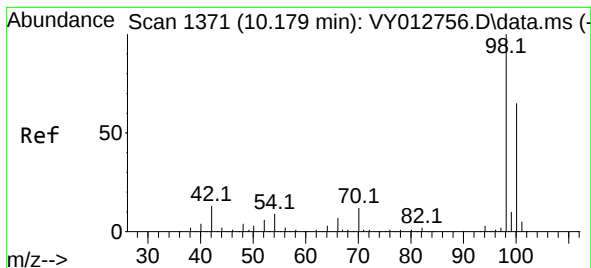
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

192 21.2 16.8 25.2





#50

Toluene-d8

Concen: 55.211 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013045.D

Acq: 22 Mar 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

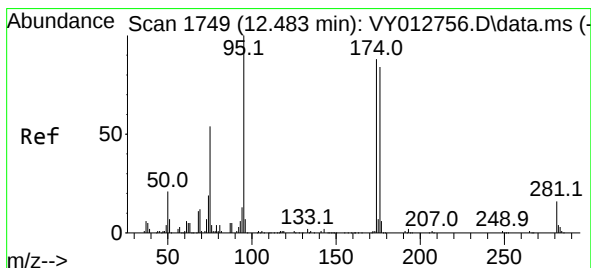
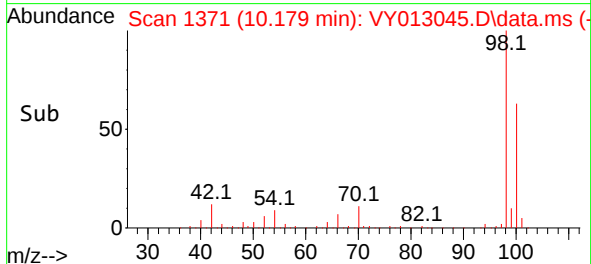
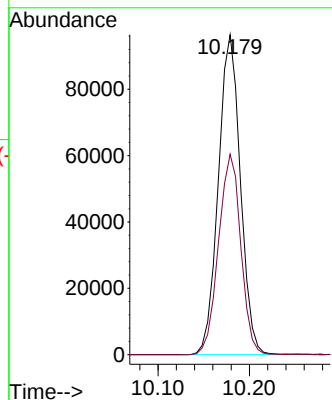
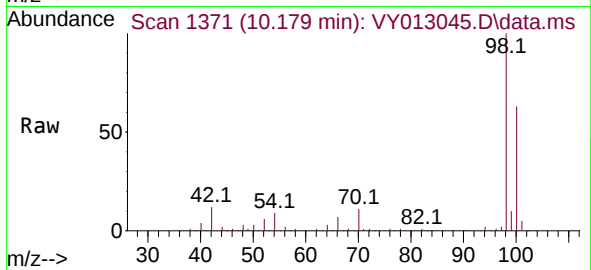
JPP-46B-032023

Tgt Ion: 98 Resp: 161572

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 41.175 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013045.D

Acq: 22 Mar 2023 13:34

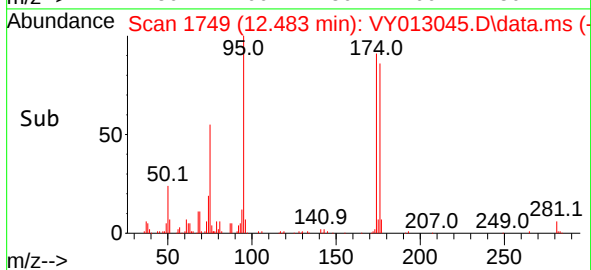
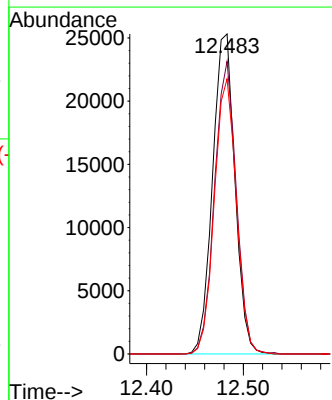
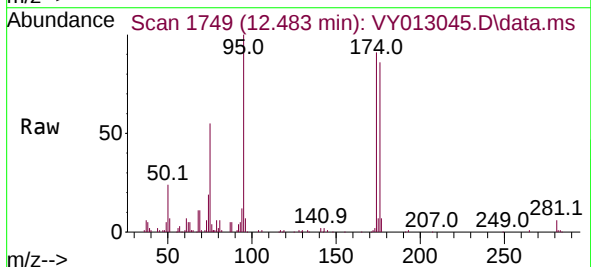
Tgt Ion: 95 Resp: 40670

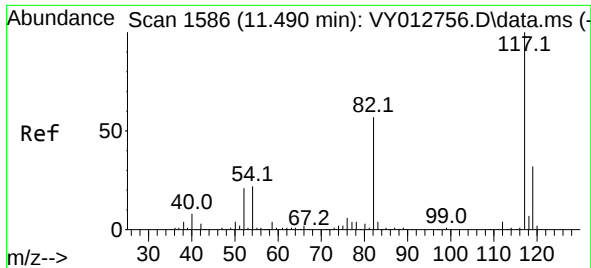
Ion Ratio Lower Upper

95 100

174 89.0 0.0 176.6

176 84.7 0.0 170.2

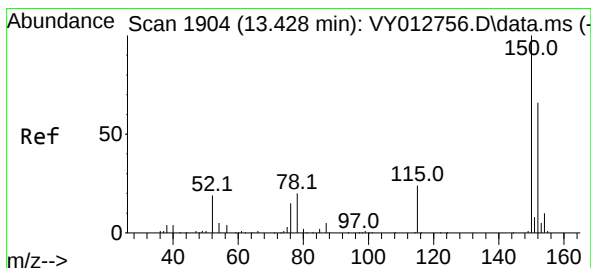
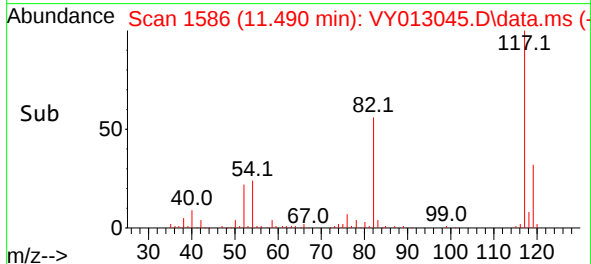
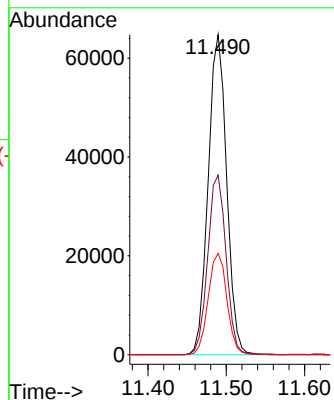
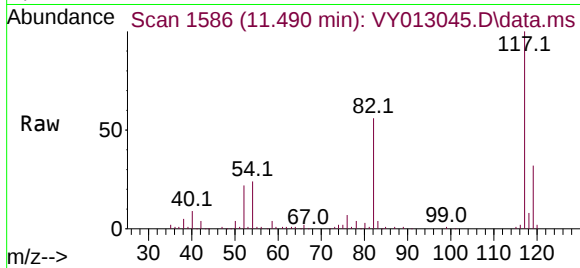




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013045.D
Acq: 22 Mar 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-46B-032023

Tgt Ion:117 Resp: 105850
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013045.D
Acq: 22 Mar 2023 13:34

Tgt Ion:152 Resp: 45770
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 159.0 0.0 347.8

