

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012938.D
 Acq On : 14 Mar 2023 13:26
 Operator : KP/MD
 Sample : 01905-01
 Misc : 6.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UNION-1

Quant Time: Mar 15 01:42:11 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	81470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	124844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53405	66.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.040%
35) Dibromofluoromethane	7.716	113	46965	56.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.600%
50) Toluene-d8	10.179	98	163772	54.174	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.340%
62) 4-Bromofluorobenzene	12.483	95	49054	48.075	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.160%

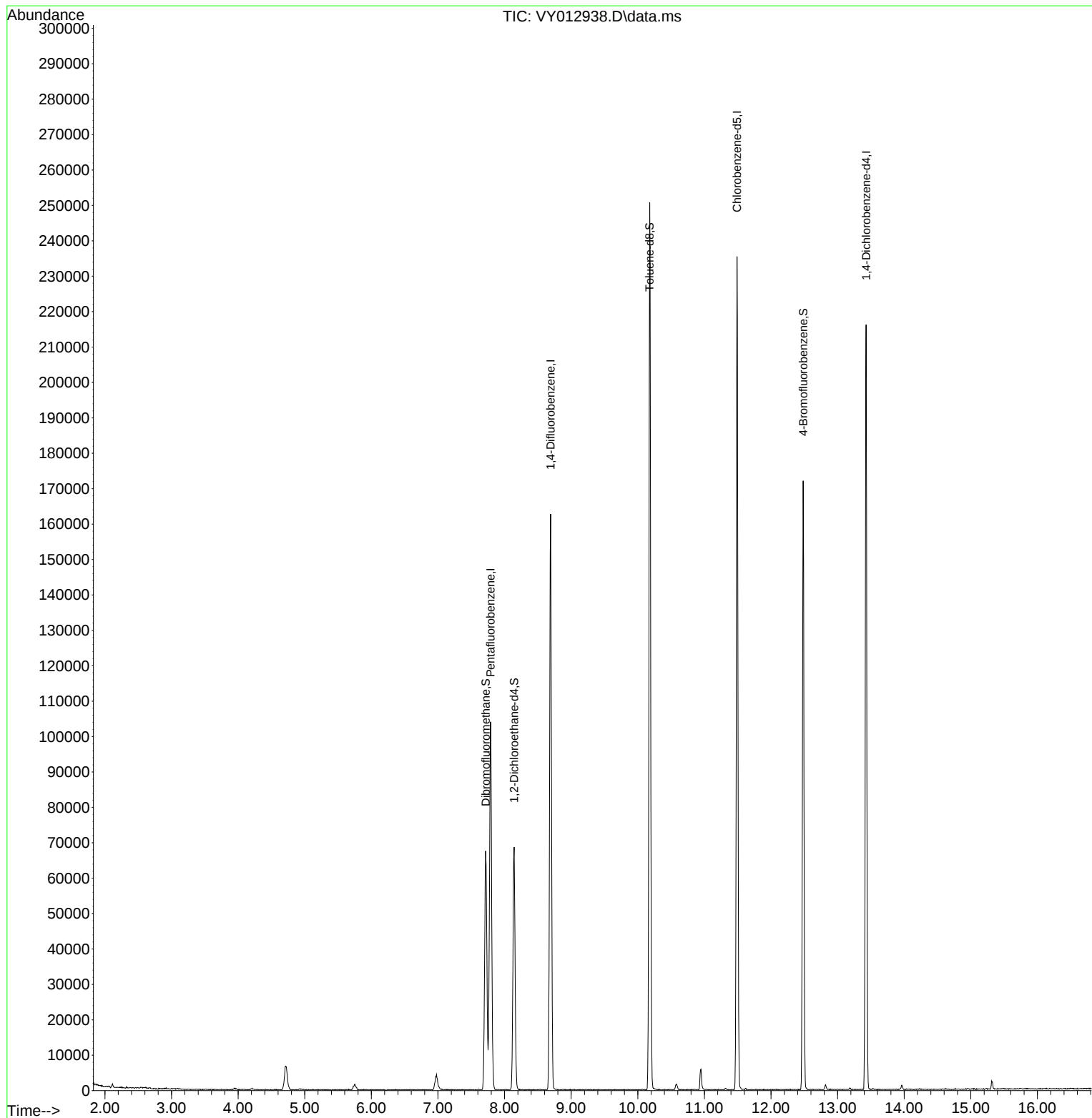
Target Compounds	Qvalue

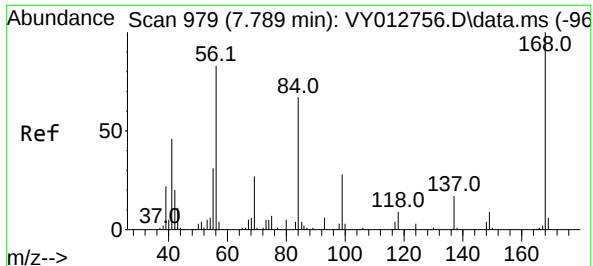
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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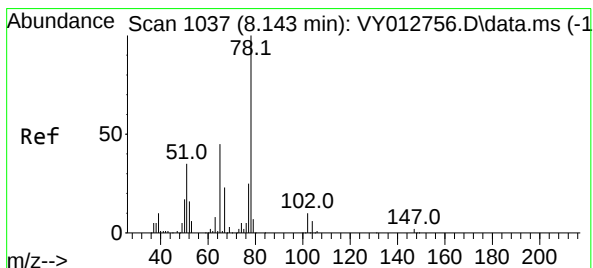
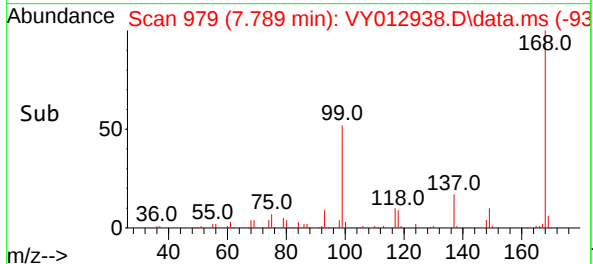
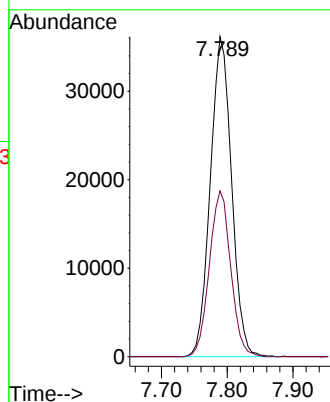
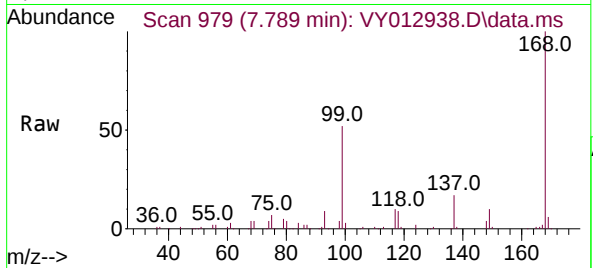




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012938.D
Acq: 14 Mar 2023 13:26

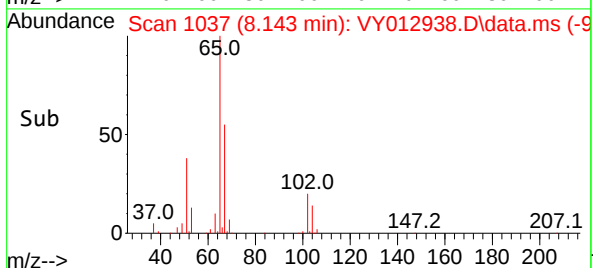
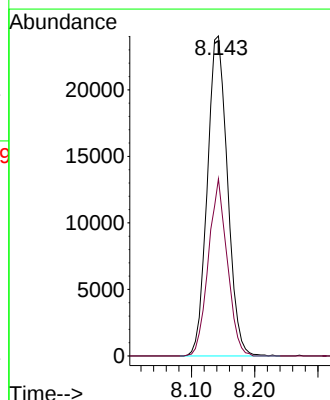
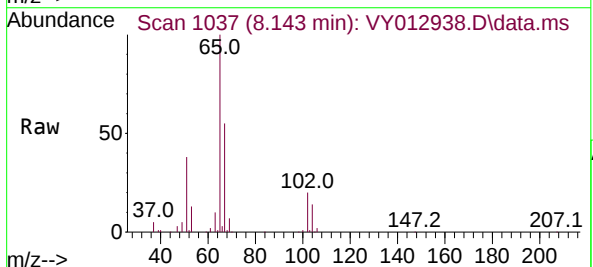
Instrument :
MSVOA_Y
ClientSampleId :
UNION-1

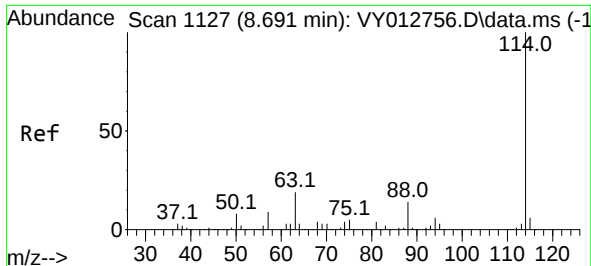
Tgt Ion:168 Resp: 81470
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 66.022 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012938.D
Acq: 14 Mar 2023 13:26

Tgt Ion: 65 Resp: 53405
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012938.D

Acq: 14 Mar 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

UNION-1

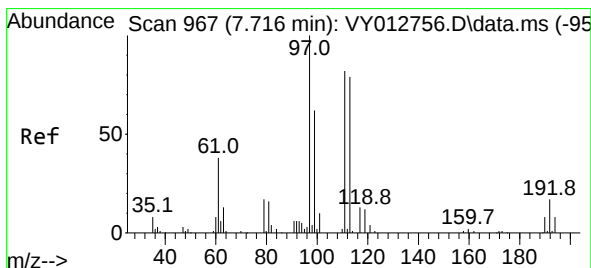
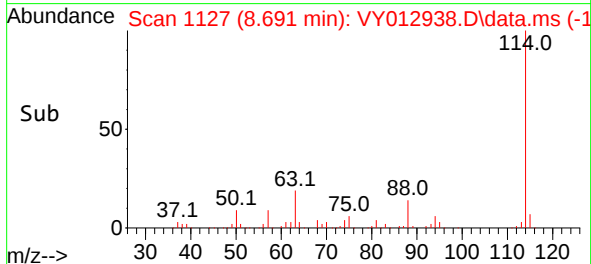
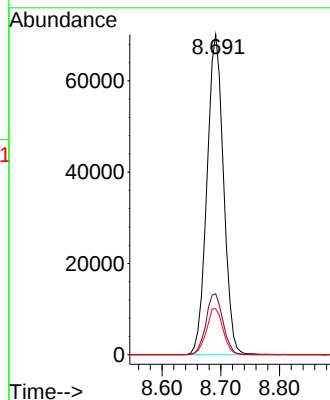
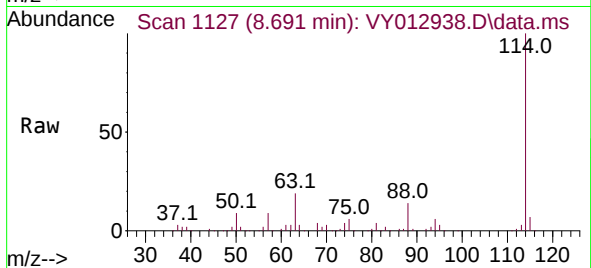
Tgt Ion:114 Resp: 137021

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.795 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012938.D

Acq: 14 Mar 2023 13:26

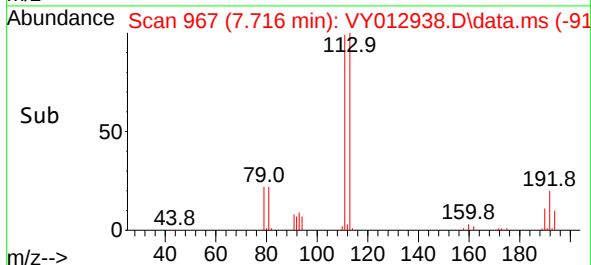
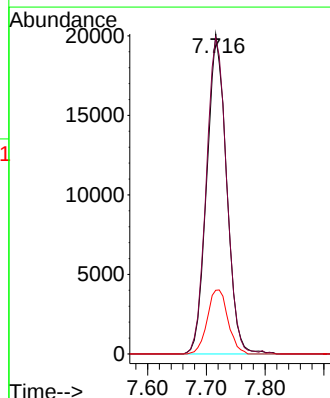
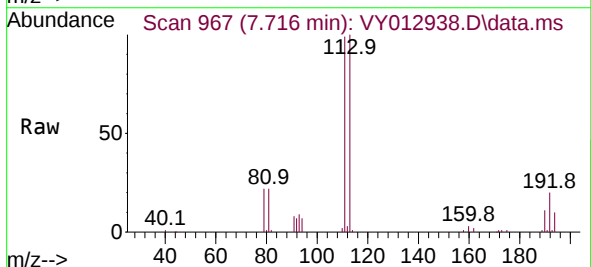
Tgt Ion:113 Resp: 46965

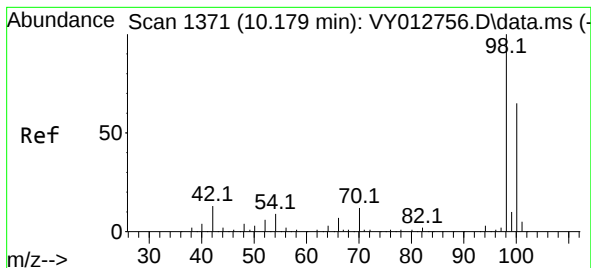
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 21.0 16.8 25.2





#50

Toluene-d8

Concen: 54.174 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012938.D

Acq: 14 Mar 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

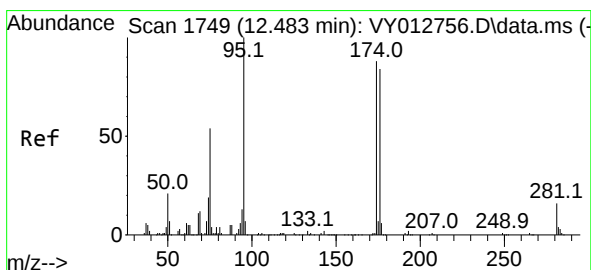
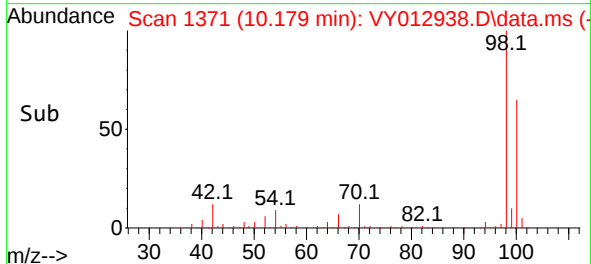
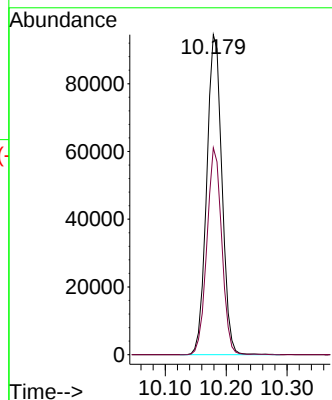
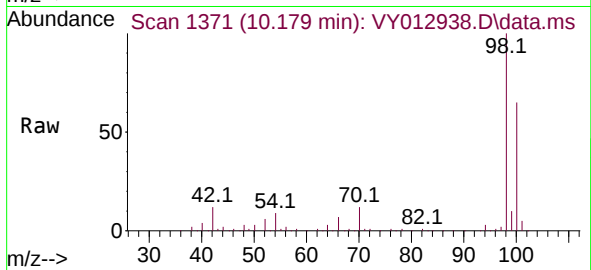
UNION-1

Tgt Ion: 98 Resp: 163772

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.075 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012938.D

Acq: 14 Mar 2023 13:26

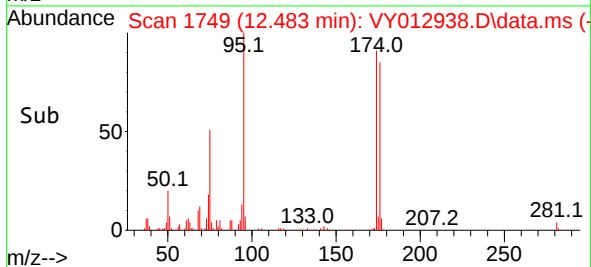
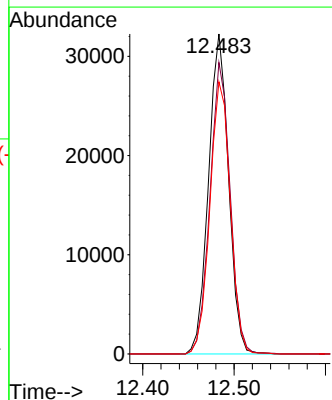
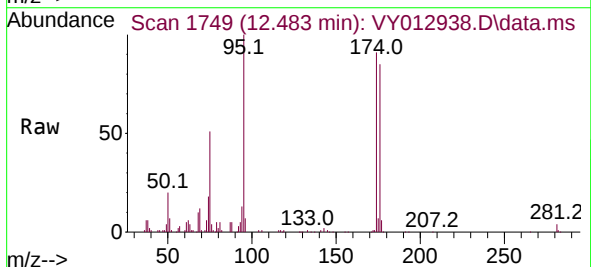
Tgt Ion: 95 Resp: 49054

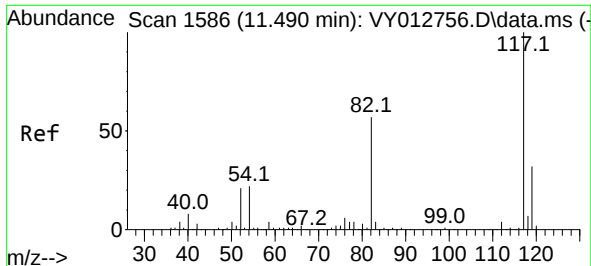
Ion Ratio Lower Upper

95 100

174 91.7 0.0 176.6

176 86.9 0.0 170.2

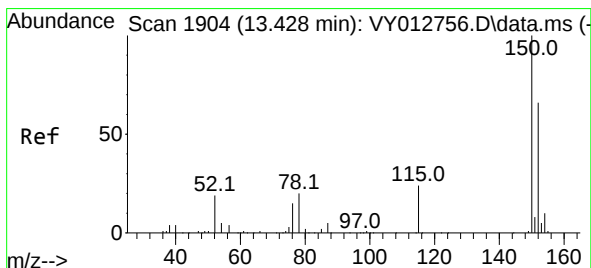
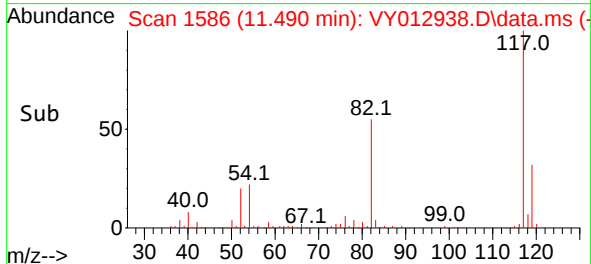
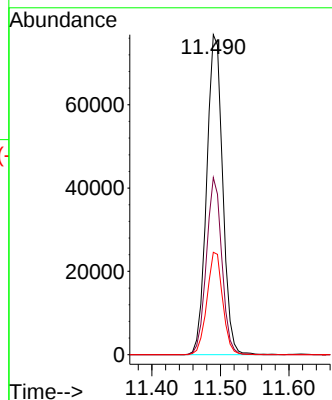
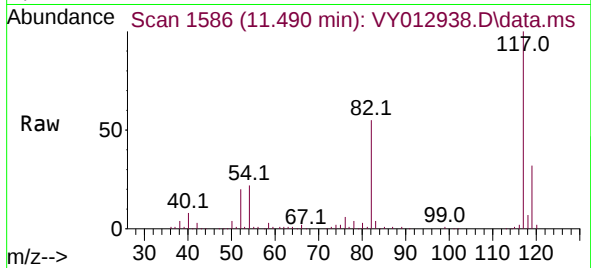




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012938.D
Acq: 14 Mar 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :
UNION-1

Tgt Ion:117 Resp: 124844
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012938.D
Acq: 14 Mar 2023 13:26

Tgt Ion:152 Resp: 55940
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 157.3 0.0 347.8

