

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013094.D
 Acq On : 27 Mar 2023 16:07
 Operator : KP/MD
 Sample : 02107-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC01

Quant Time: Mar 28 01:45:03 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	78264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50566	65.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.140%
35) Dibromofluoromethane	7.710	113	46745	56.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.280%
50) Toluene-d8	10.179	98	166991	55.352	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.700%
62) 4-Bromofluorobenzene	12.477	95	50211	49.310	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.620%

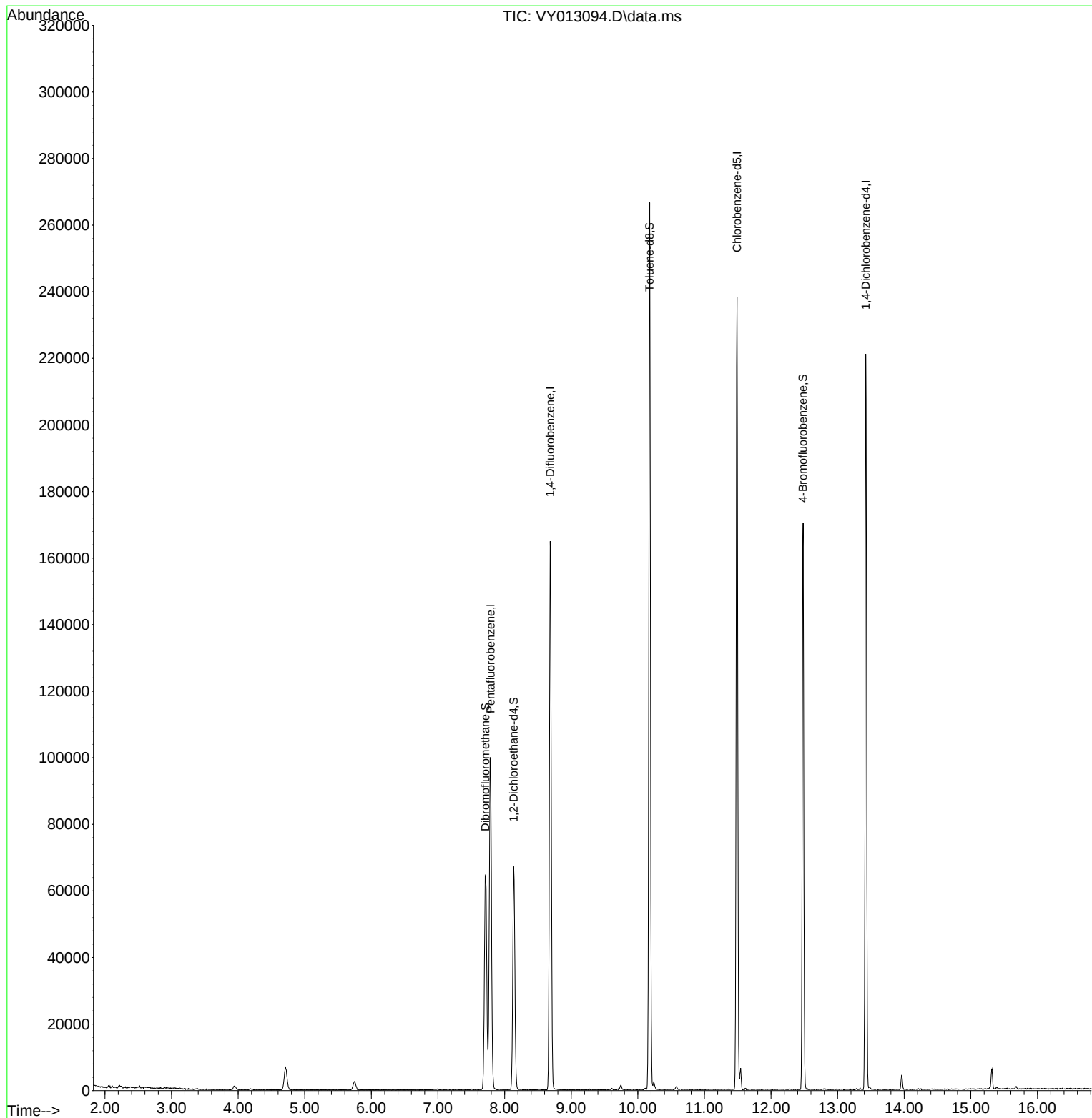
Target Compounds	Qvalue

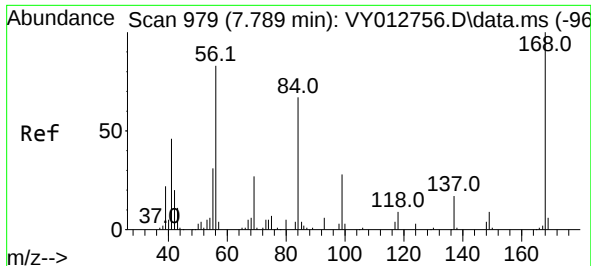
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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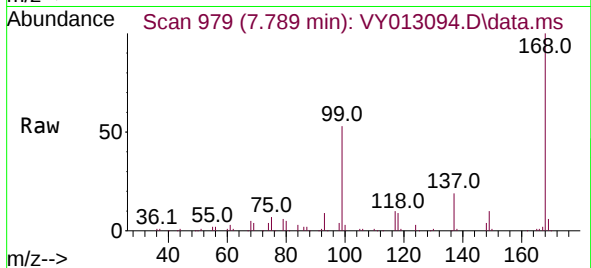
Quant Time: Mar 28 01:45:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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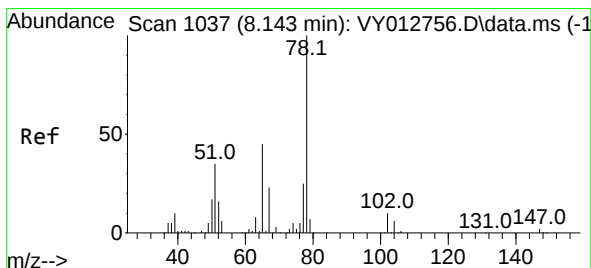
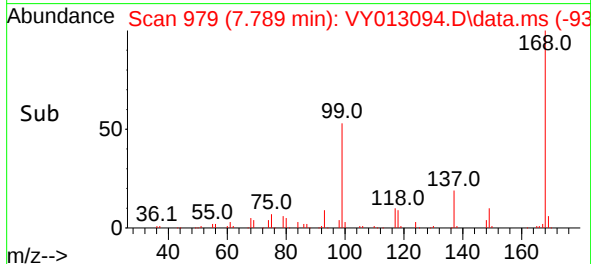
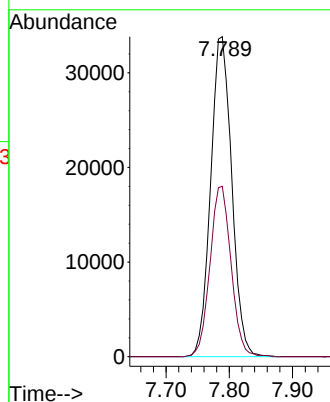


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013094.D
Acq: 27 Mar 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
WC01

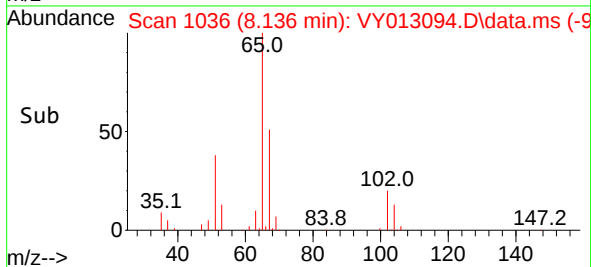
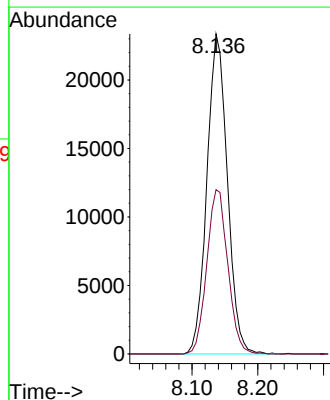
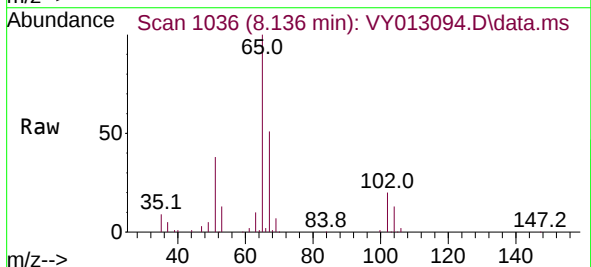


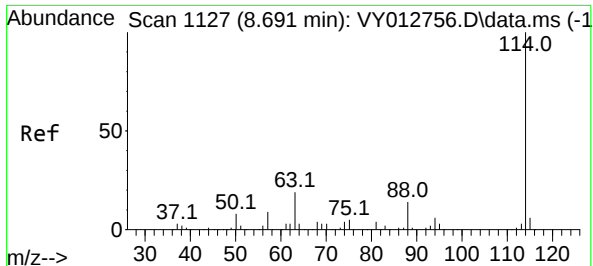
Tgt Ion:168 Resp: 78264
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.073 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013094.D
Acq: 27 Mar 2023 16:07

Tgt Ion: 65 Resp: 50566
Ion Ratio Lower Upper
65 100
67 52.7 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: VY013094.D

Acq: 27 Mar 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

WC01

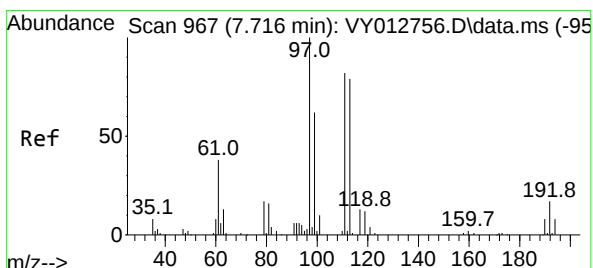
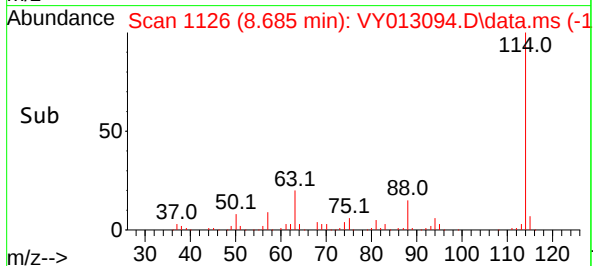
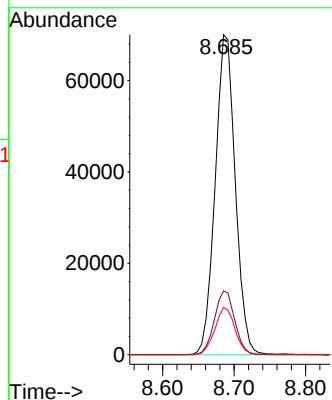
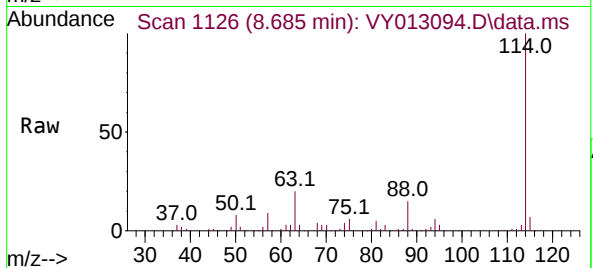
Tgt Ion:114 Resp: 136741

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.645 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013094.D

Acq: 27 Mar 2023 16:07

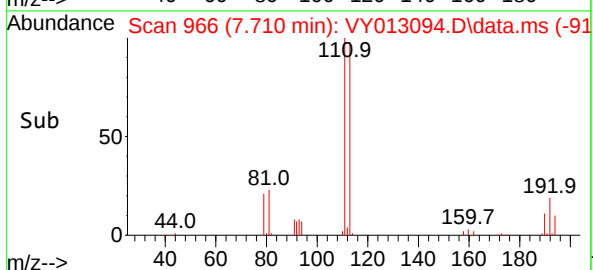
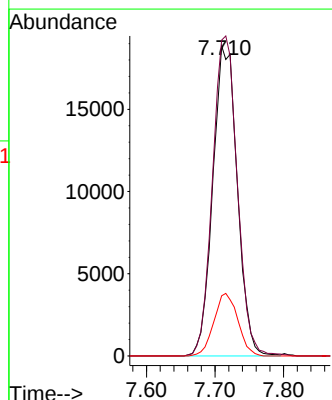
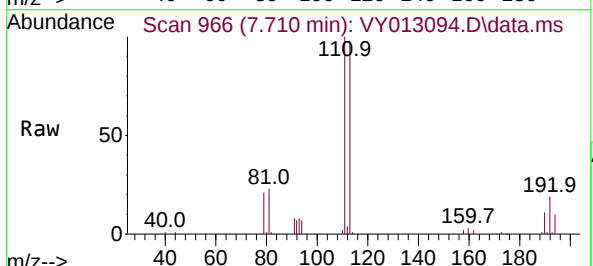
Tgt Ion:113 Resp: 46745

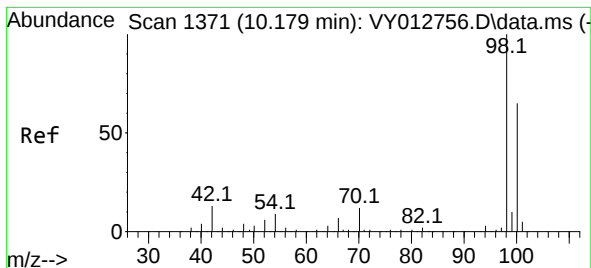
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

192 19.8 16.8 25.2





#50

Toluene-d8

Concen: 55.352 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013094.D

Acq: 27 Mar 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

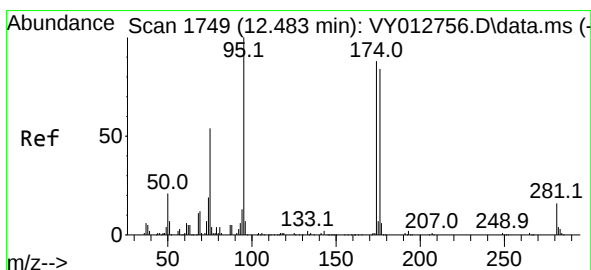
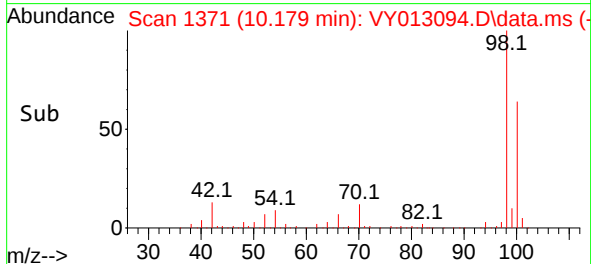
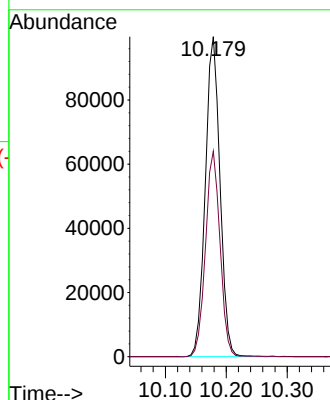
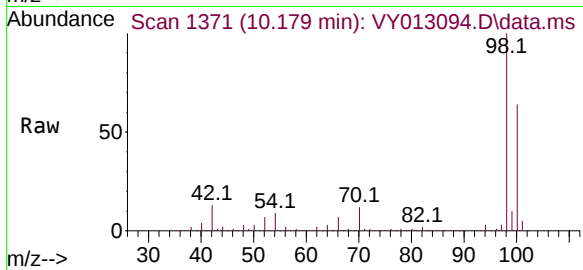
WC01

Tgt Ion: 98 Resp: 166991

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.310 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013094.D

Acq: 27 Mar 2023 16:07

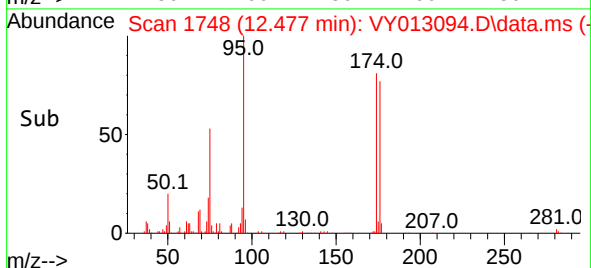
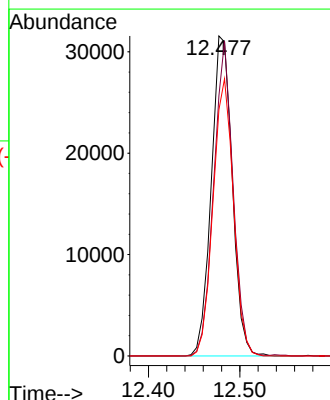
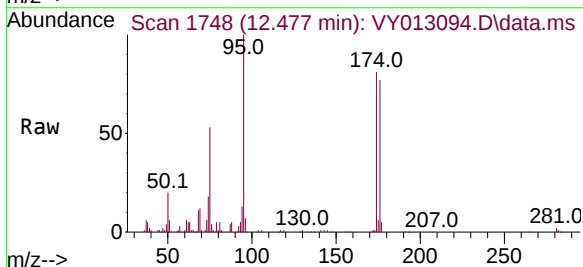
Tgt Ion: 95 Resp: 50211

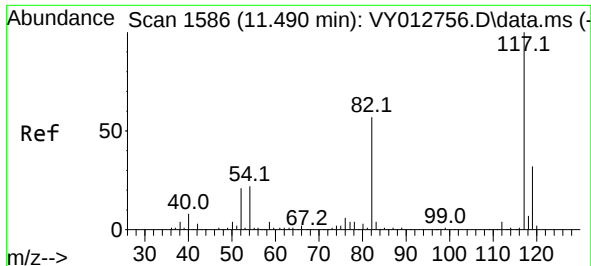
Ion Ratio Lower Upper

95 100

174 91.0 0.0 176.6

176 84.4 0.0 170.2

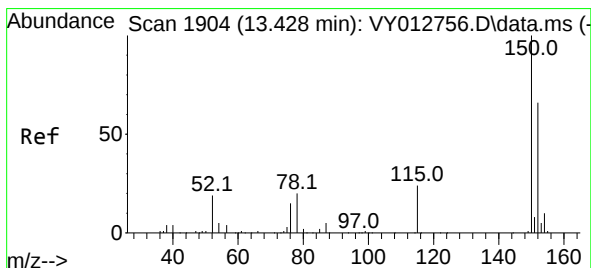
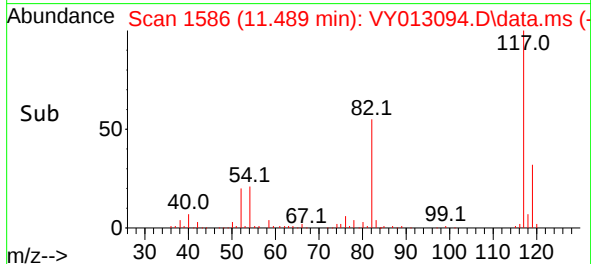
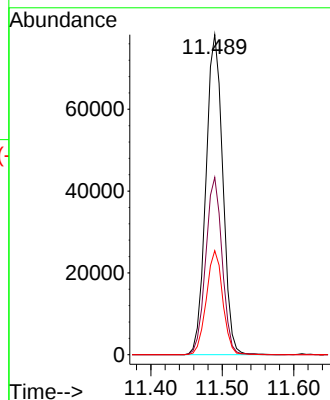
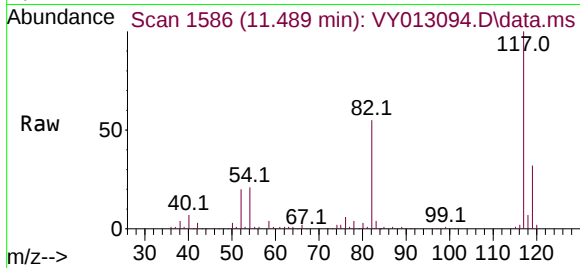




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013094.D
Acq: 27 Mar 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
WC01

Tgt Ion:117 Resp: 127941
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 32.5 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: VY013094.D
Acq: 27 Mar 2023 16:07

Tgt Ion:152 Resp: 57289
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 158.3 0.0 347.8

