

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012856.D
 Acq On : 07 Mar 2023 19:39
 Operator : KP/MD
 Sample : 01817-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-04-03032023RE

Quant Time: Mar 07 23:45:35 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	7.795	168	2705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3687	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2238	83.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.660%#	
35) Dibromofluoromethane	7.722	113	1697	70.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.100%	
50) Toluene-d8	10.179	98	4839	54.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.280%	
62) 4-Bromofluorobenzene	12.489	95	1239	41.450	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.900%	

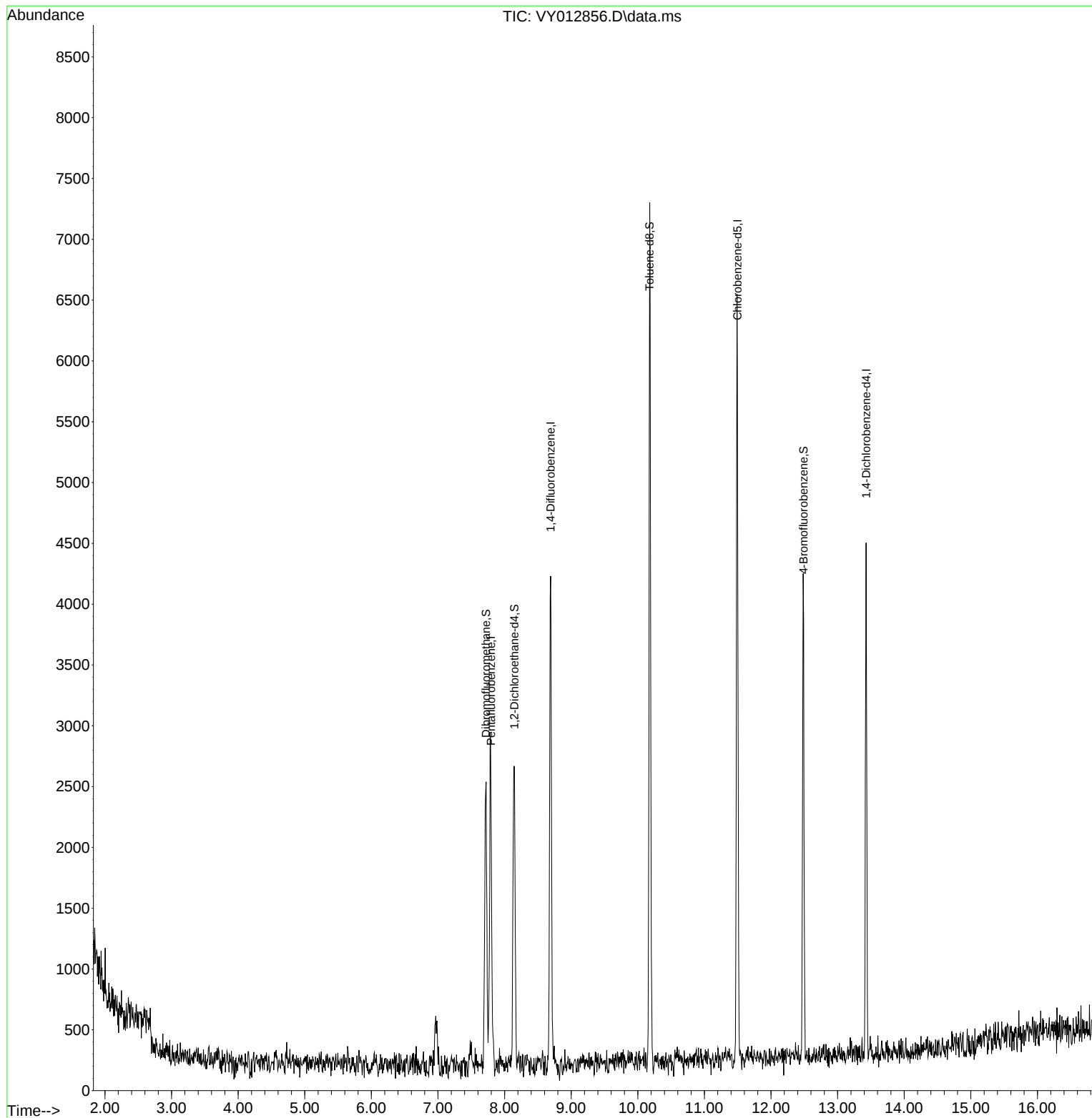
Target Compounds	Qvalue

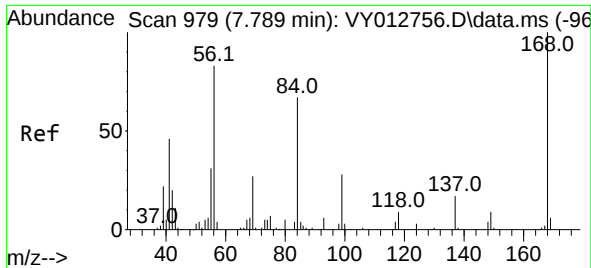
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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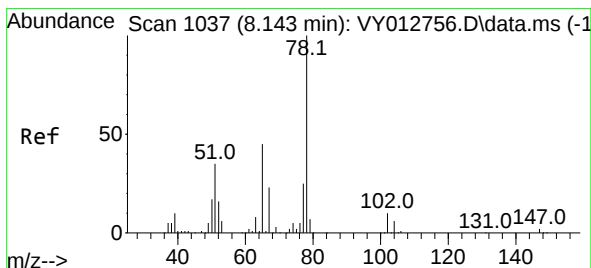
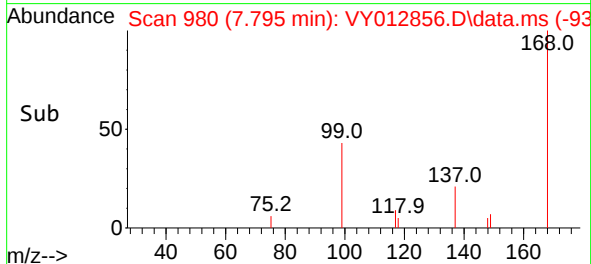
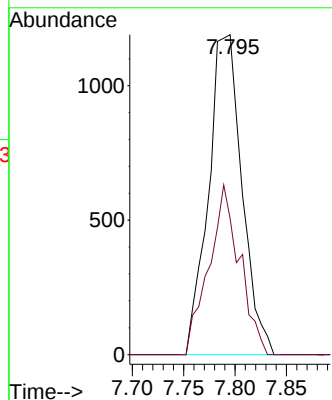
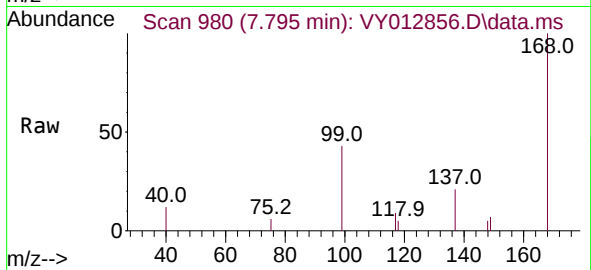




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

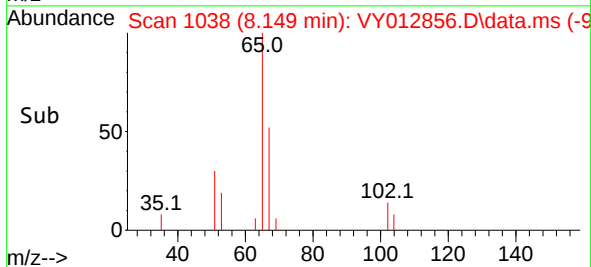
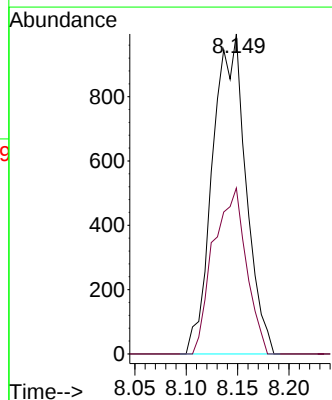
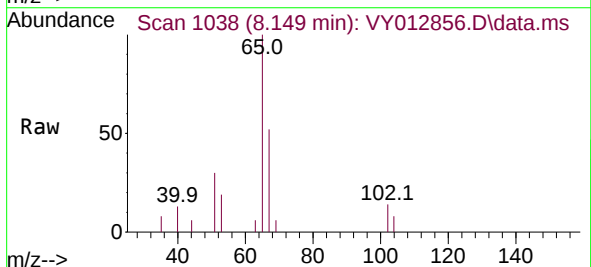
Instrument :
MSVOA_Y
ClientSampleId :
PL-04-03032023RE

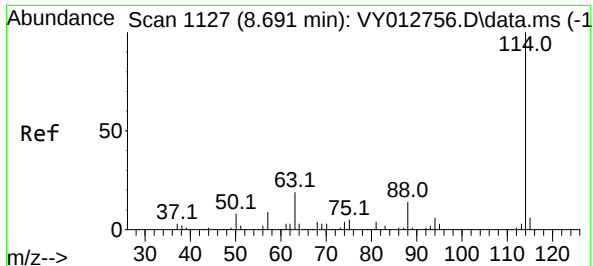
Tgt Ion:168 Resp: 2705
Ion Ratio Lower Upper
168 100
99 42.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 83.330 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

Tgt Ion: 65 Resp: 2238
Ion Ratio Lower Upper
65 100
67 51.2 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: VY012856.D

Acq: 07 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

PL-04-03032023RE

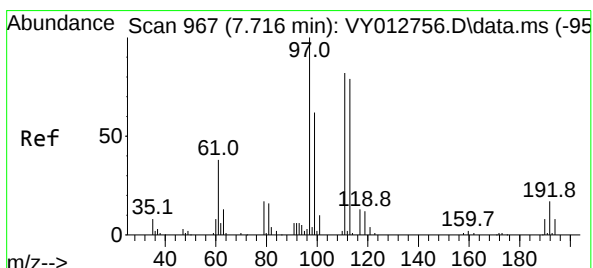
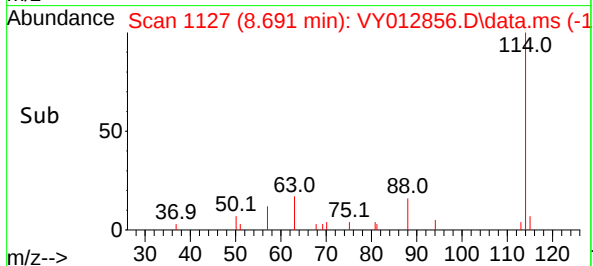
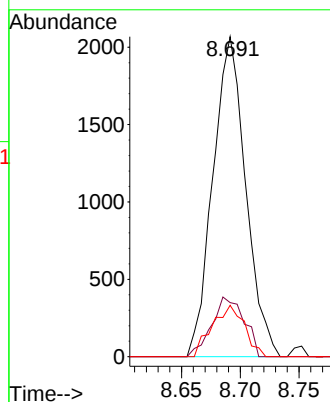
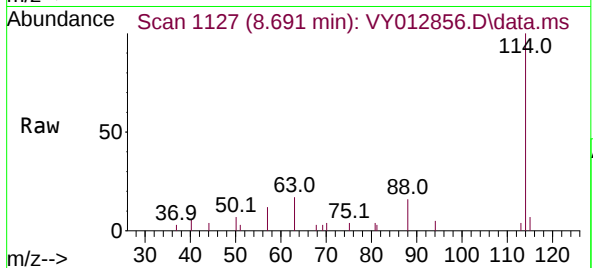
Tgt Ion:114 Resp: 4014

Ion Ratio Lower Upper

114 100

63 16.9 0.0 37.4

88 16.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 70.053 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012856.D

Acq: 07 Mar 2023 19:39

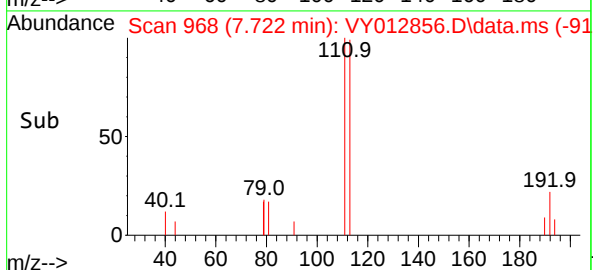
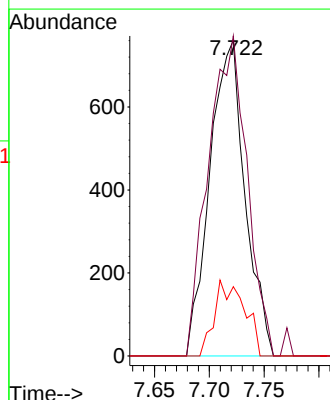
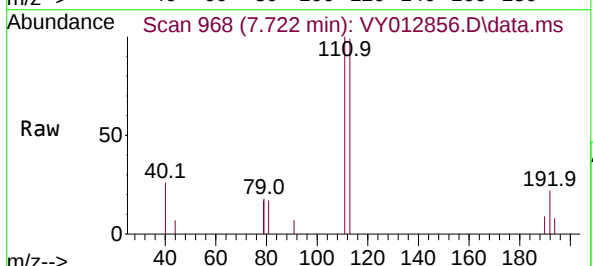
Tgt Ion:113 Resp: 1697

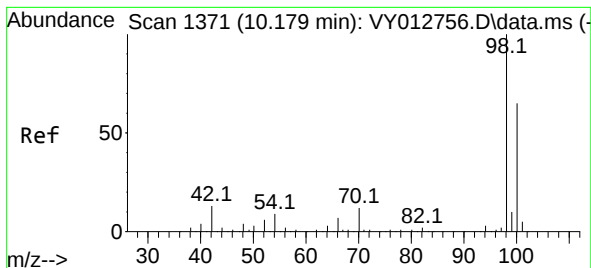
Ion Ratio Lower Upper

113 100

111 111.6 82.2 123.2

192 20.3 16.8 25.2





#50

Toluene-d8

Concen: 54.641 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012856.D

Acq: 07 Mar 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

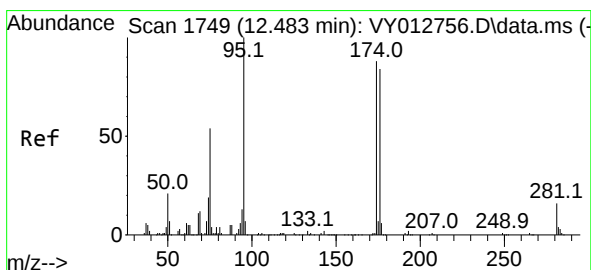
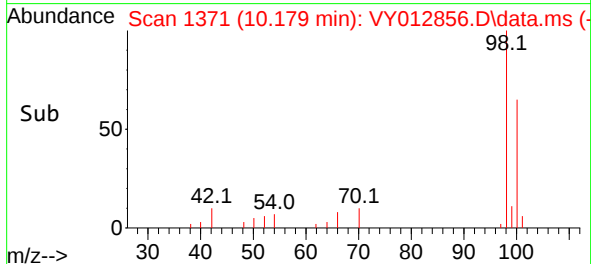
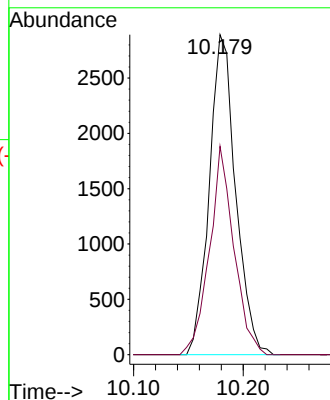
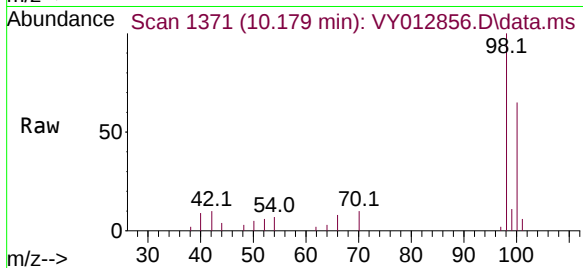
PL-04-03032023RE

Tgt Ion: 98 Resp: 4839

Ion Ratio Lower Upper

98 100

100 60.3 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 41.450 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY012856.D

Acq: 07 Mar 2023 19:39

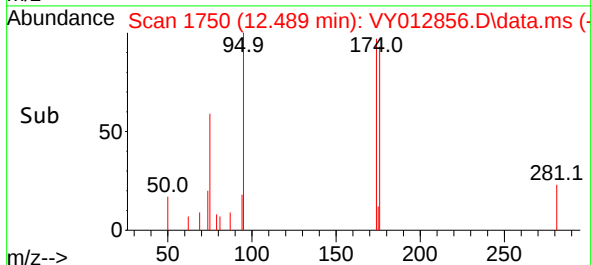
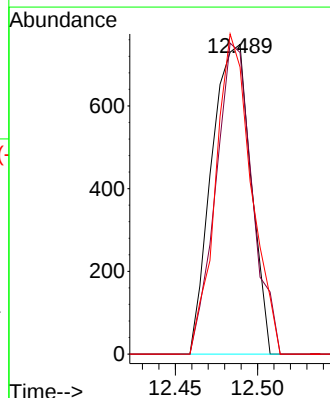
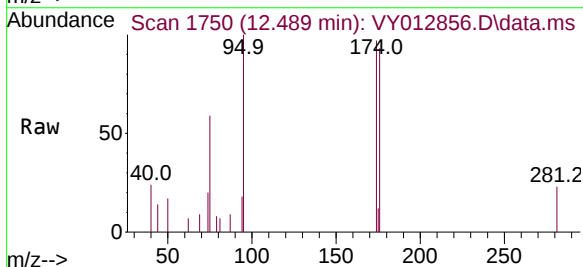
Tgt Ion: 95 Resp: 1239

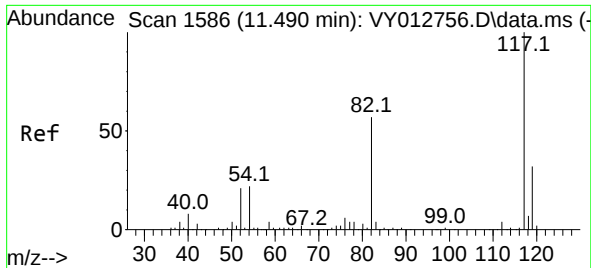
Ion Ratio Lower Upper

95 100

174 93.5 0.0 176.6

176 94.7 0.0 170.2

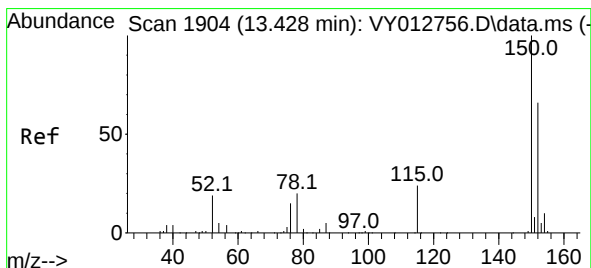
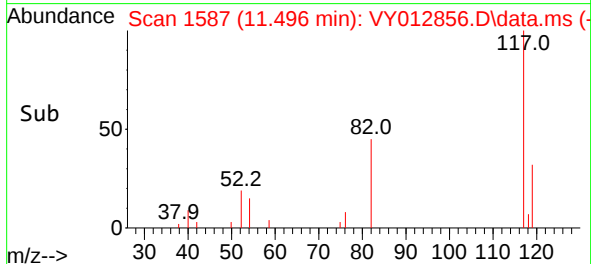
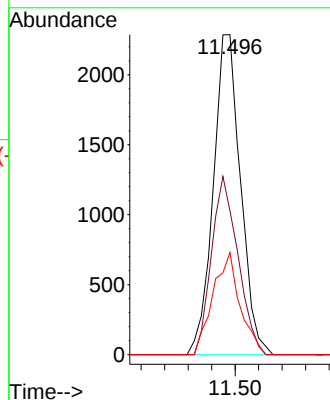
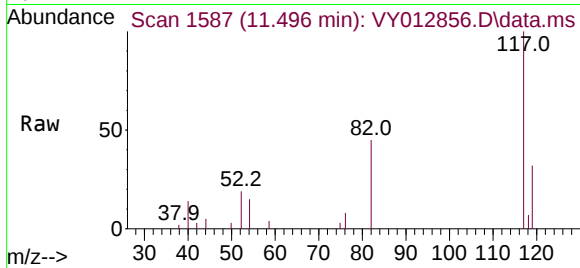




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY012856.D
Acq: 07 Mar 2023 19:39

Instrument :
MSVOA_Y
ClientSampleId :
PL-04-03032023RE

Tgt Ion:117 Resp: 3687
Ion Ratio Lower Upper
117 100
82 44.9 45.4 68.0#
119 31.9 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: VY012856.D
Acq: 07 Mar 2023 19:39

Tgt Ion:152 Resp: 1181
Ion Ratio Lower Upper
152 100
115 59.5 27.1 81.3
150 167.9 0.0 347.8

