

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012855.D
 Acq On : 07 Mar 2023 19:16
 Operator : KP/MD
 Sample : 01815-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-03032023RE

Quant Time: Mar 07 23:45:28 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	419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	367	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	293	70.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.860%	
35) Dibromofluoromethane	7.716	113	142	39.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.620%	
50) Toluene-d8	10.185	98	602	46.169	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.340%	
62) 4-Bromofluorobenzene	12.483	95	22	4.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 10.000%#	

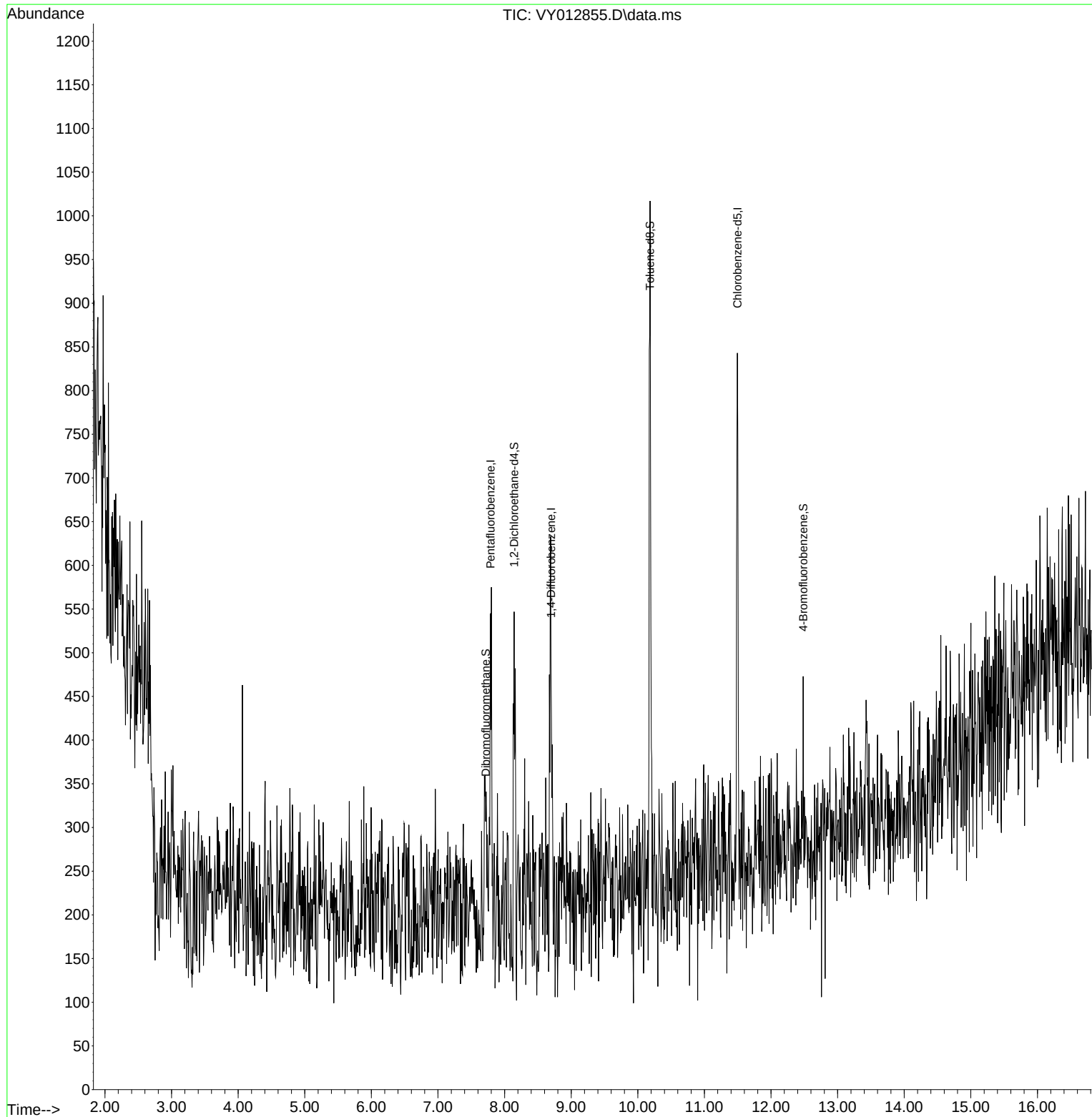
Target Compounds	Qvalue

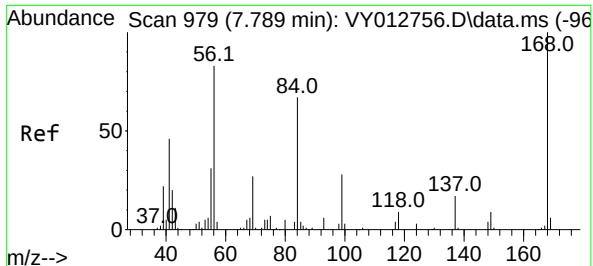
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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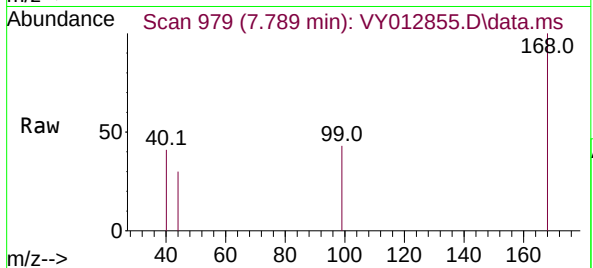
Quant Time: Mar 07 23:45:28 2023
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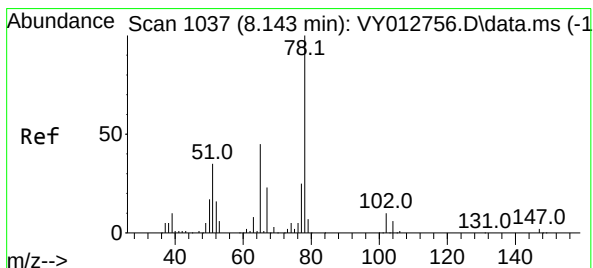
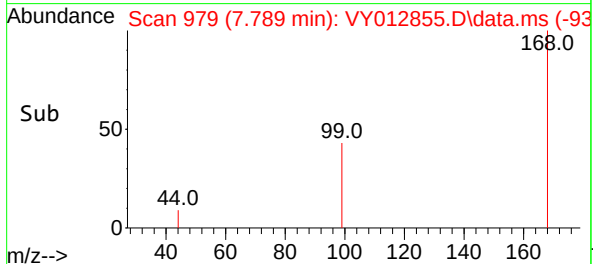
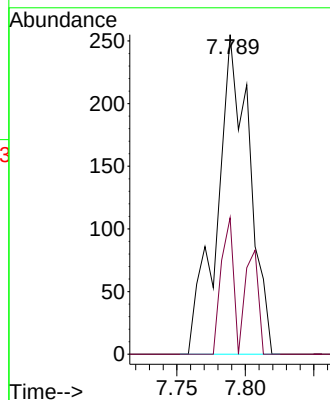


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-03032023RE

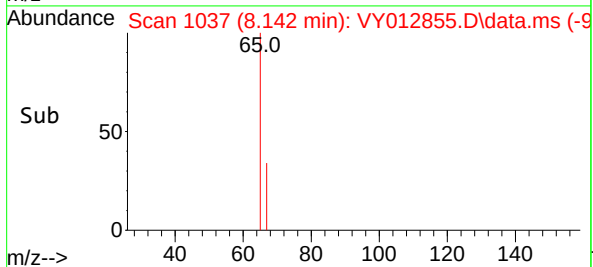
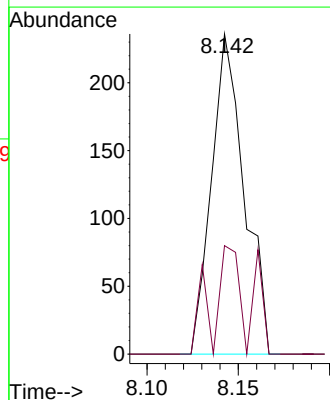
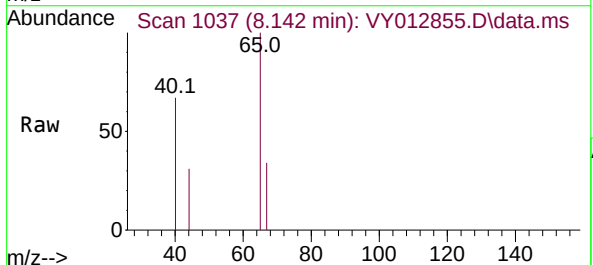


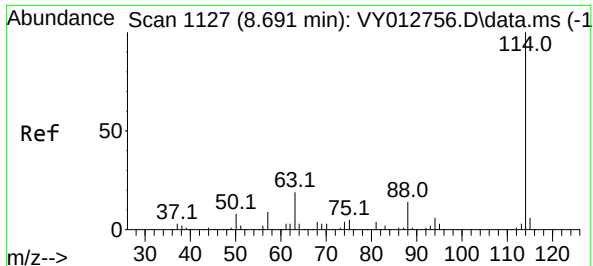
Tgt Ion:168 Resp: 419
Ion Ratio Lower Upper
168 100
99 42.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 70.431 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

Tgt Ion: 65 Resp: 293
Ion Ratio Lower Upper
65 100
67 37.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY012855.D

Acq: 07 Mar 2023 19:16

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-03032023RE

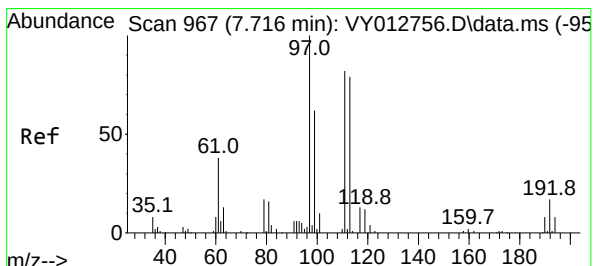
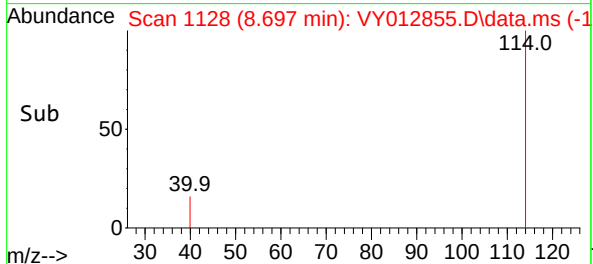
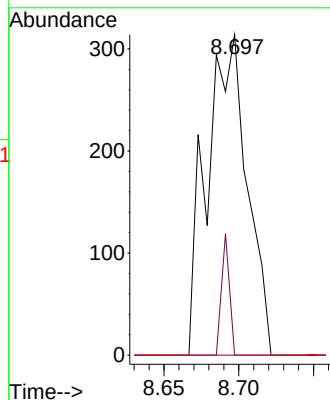
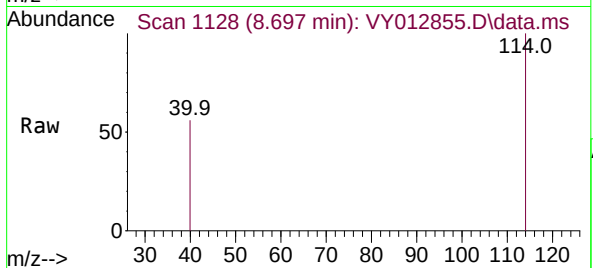
Tgt Ion:114 Resp: 591

Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.4

88 0.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 39.813 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012855.D

Acq: 07 Mar 2023 19:16

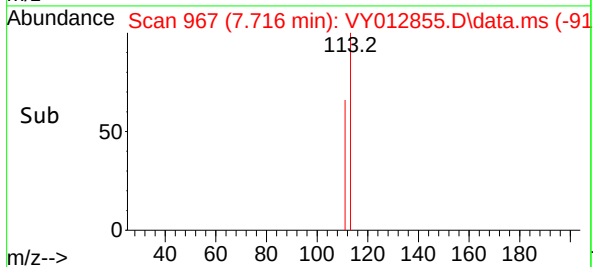
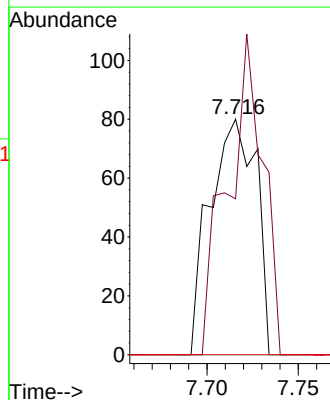
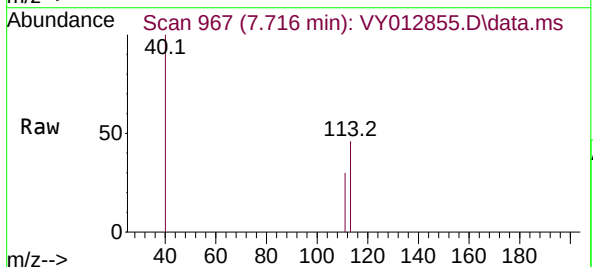
Tgt Ion:113 Resp: 142

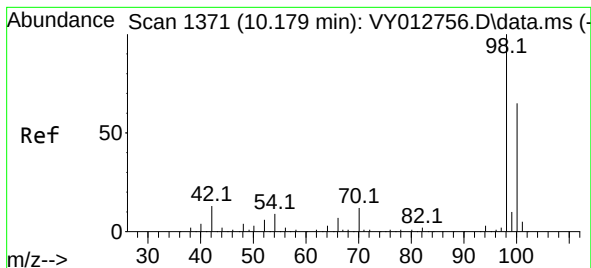
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 0.0 16.8 25.2#





#50

Toluene-d8

Concen: 46.169 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012855.D

Acq: 07 Mar 2023 19:16

Instrument :

MSVOA_Y

ClientSampleId :

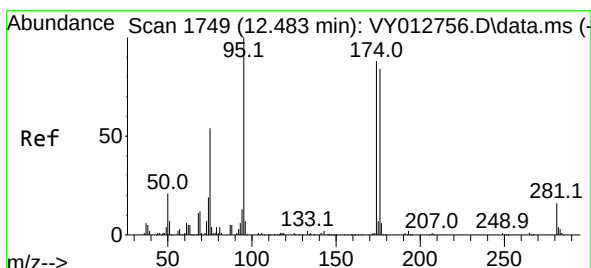
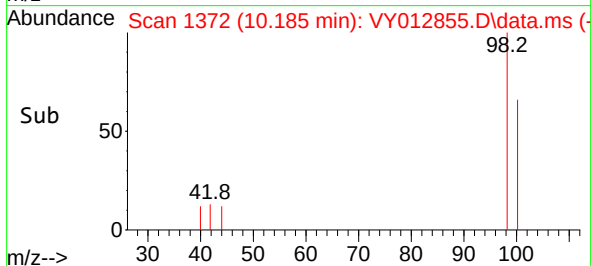
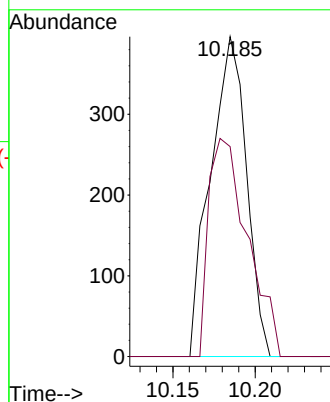
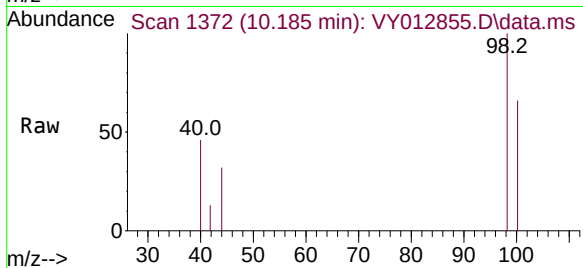
OK-01-03032023RE

Tgt Ion: 98 Resp: 602

Ion Ratio Lower Upper

98 100

100 73.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 4.999 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012855.D

Acq: 07 Mar 2023 19:16

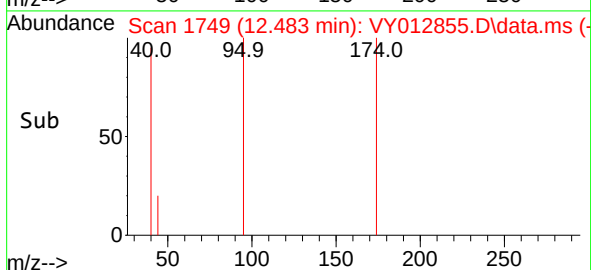
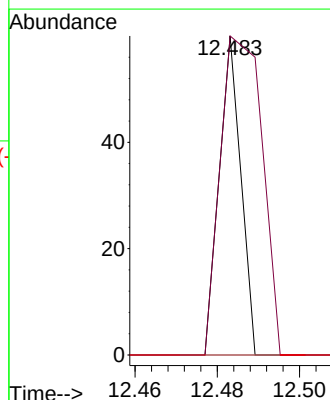
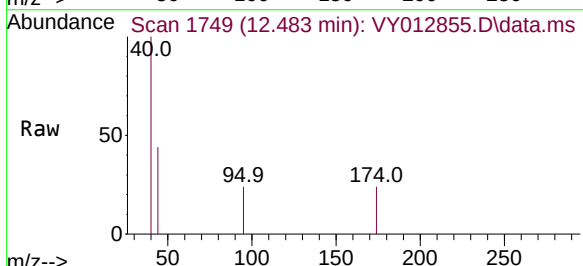
Tgt Ion: 95 Resp: 22

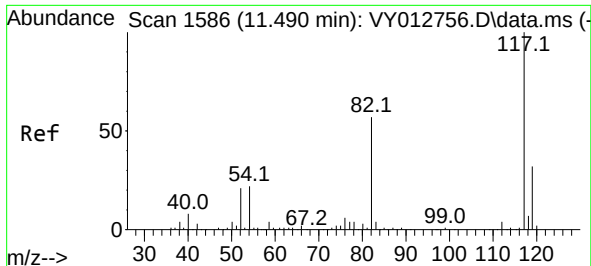
Ion Ratio Lower Upper

95 100

174 190.9 0.0 176.6#

176 0.0 0.0 170.2

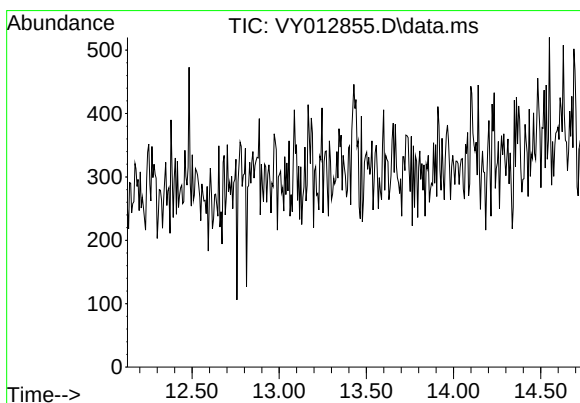
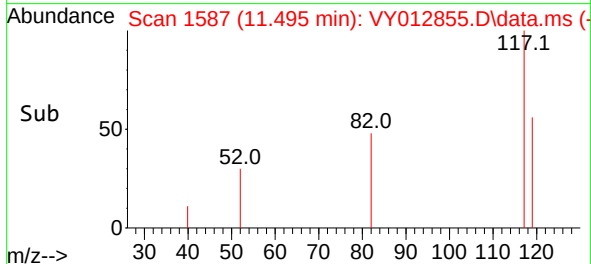
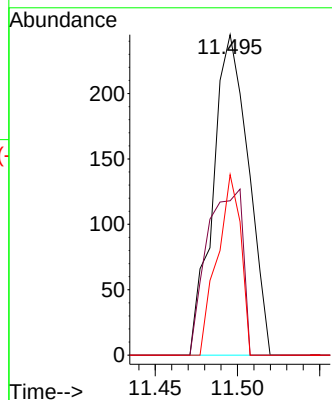
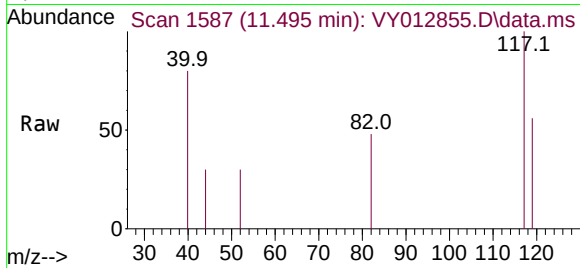




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-03032023RE

Tgt Ion:117 Resp: 367
Ion Ratio Lower Upper
117 100
82 48.2 45.4 68.0
119 56.3 25.6 38.4#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min

Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

Tgt Ion: 152
Sig Exp Ratio
152 100
115 54.2
150 173.9

