

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012853.D
 Acq On : 07 Mar 2023 18:29
 Operator : KP/MD
 Sample : 01787-01RE
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1RE

Quant Time: Mar 07 23:45:13 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	45027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	72068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	65879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	28688	64.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.340%	
35) Dibromofluoromethane	7.716	113	25130	57.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.560%	
50) Toluene-d8	10.179	98	86424	54.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.700%	
62) 4-Bromofluorobenzene	12.483	95	24502	45.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.320%	

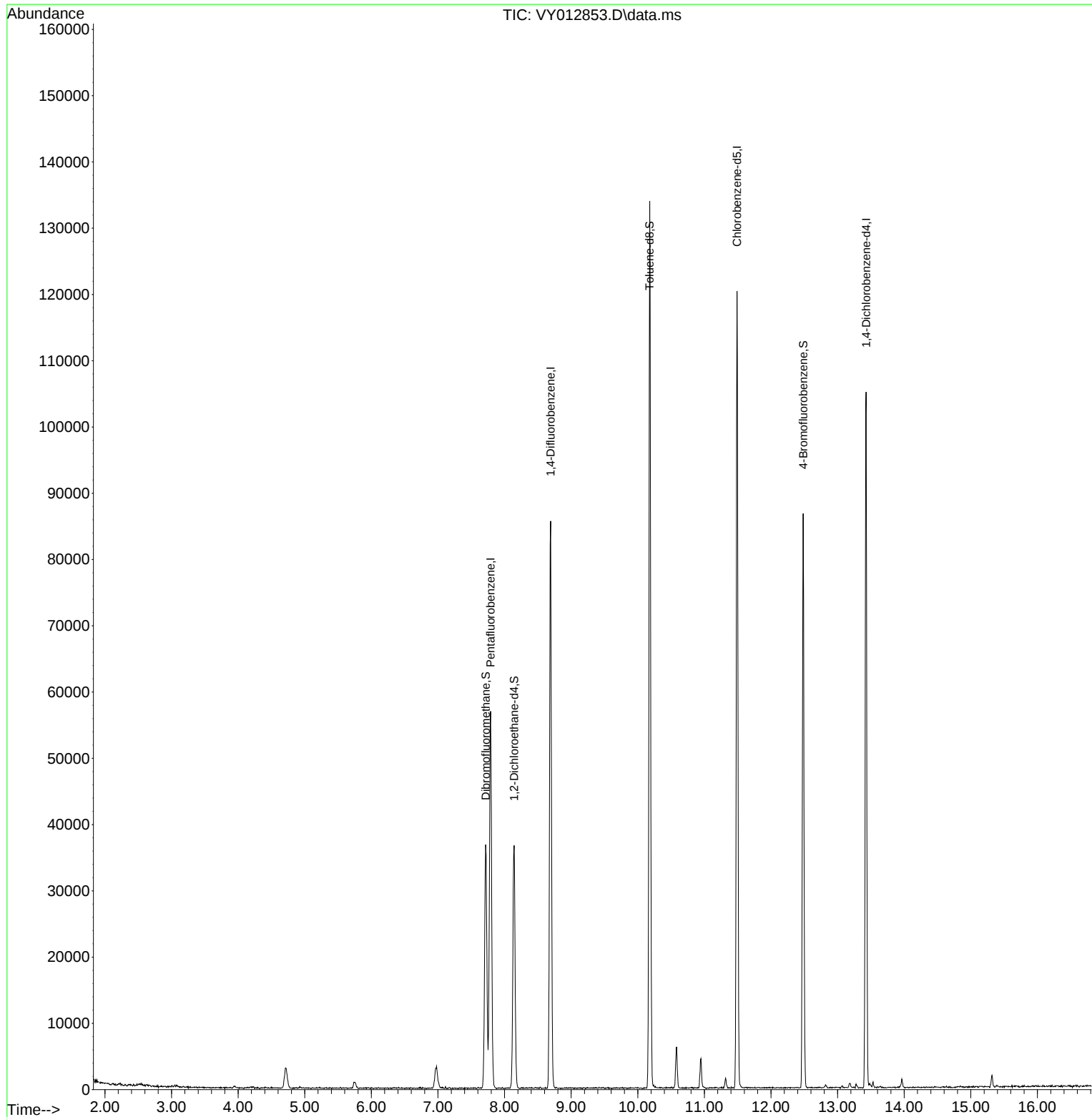
Target Compounds	Qvalue

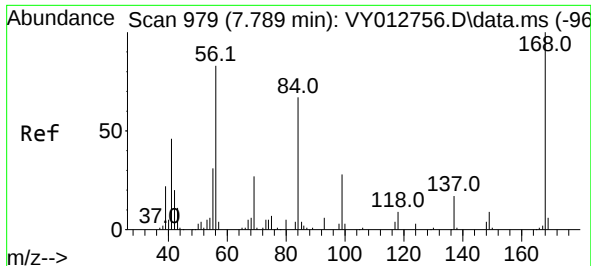
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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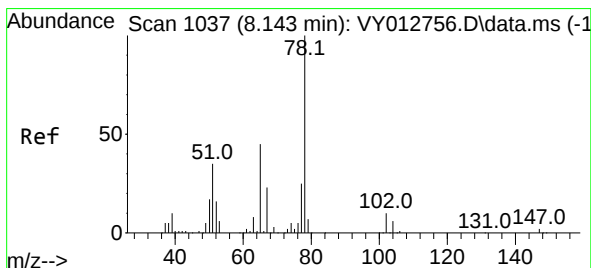
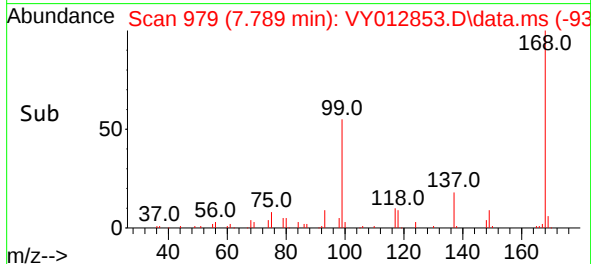
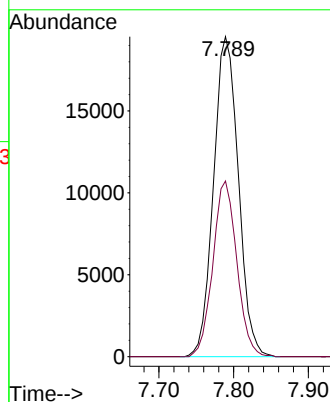
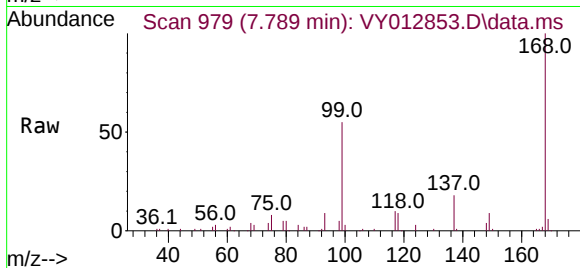




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

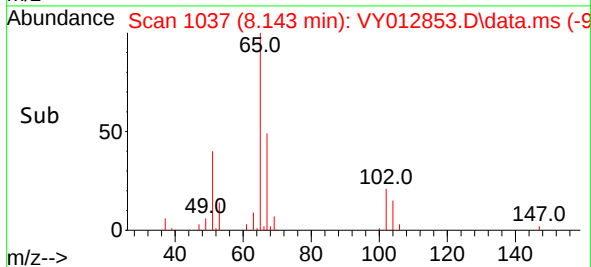
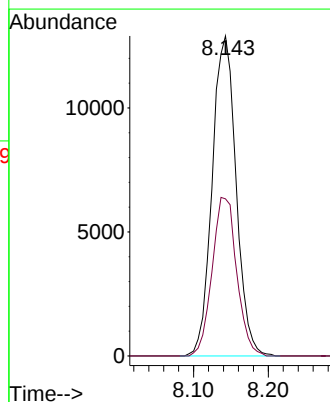
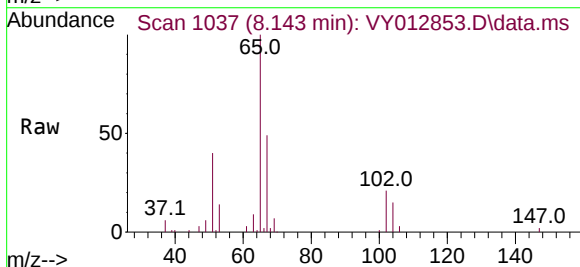
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

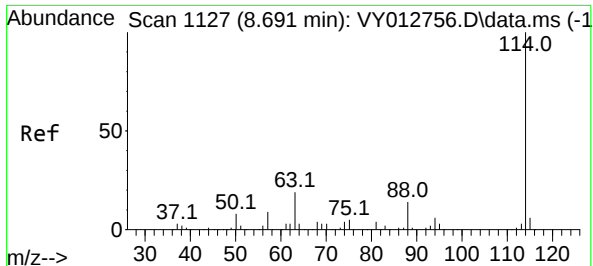
Tgt Ion:168 Resp: 45027
Ion Ratio Lower Upper
168 100
99 54.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 64.170 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Tgt Ion: 65 Resp: 28688
Ion Ratio Lower Upper
65 100
67 51.0 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: VY012853.D

Acq: 07 Mar 2023 18:29

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1RE

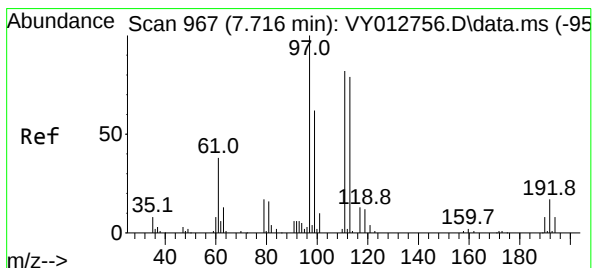
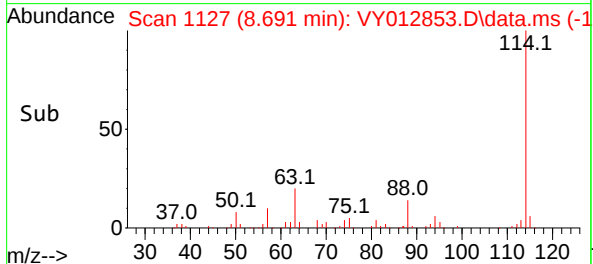
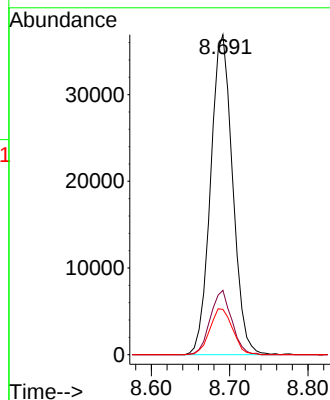
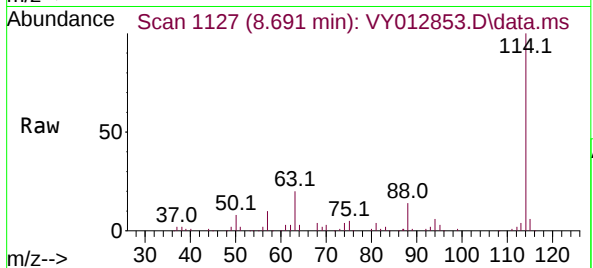
Tgt Ion:114 Resp: 72068

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.779 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012853.D

Acq: 07 Mar 2023 18:29

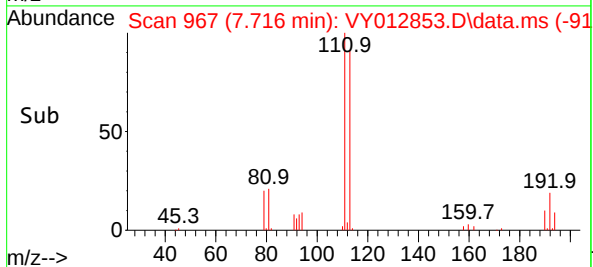
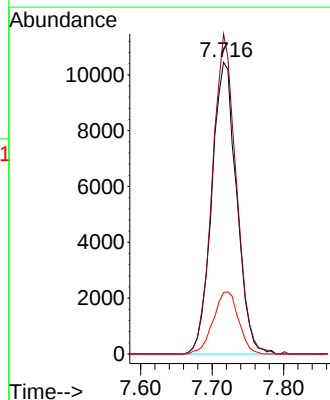
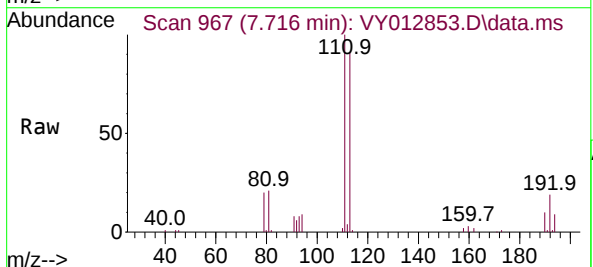
Tgt Ion:113 Resp: 25130

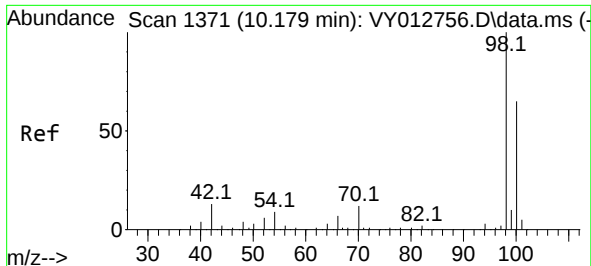
Ion Ratio Lower Upper

113 100

111 105.7 82.2 123.2

192 21.8 16.8 25.2

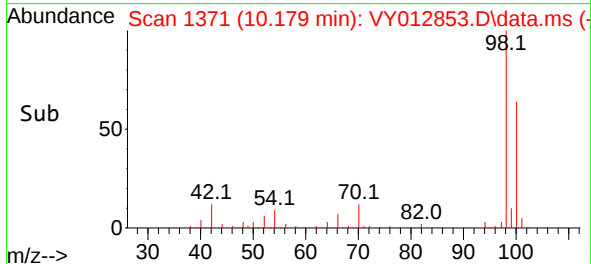
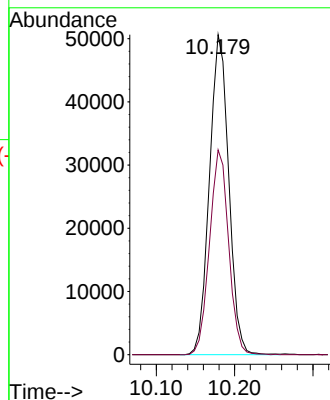
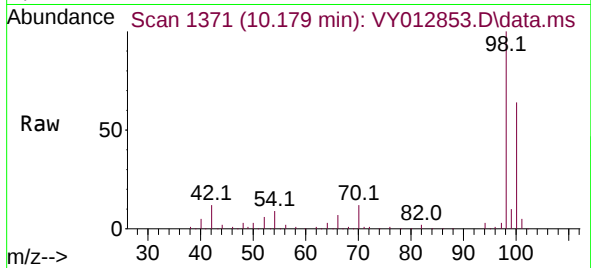




#50
Toluene-d8
Concen: 54.354 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

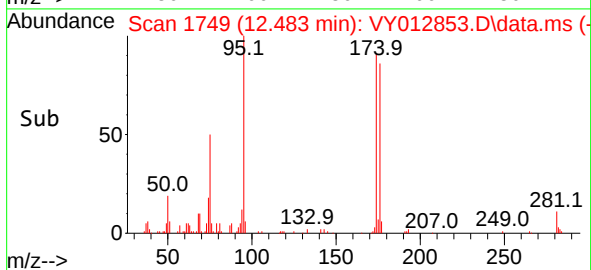
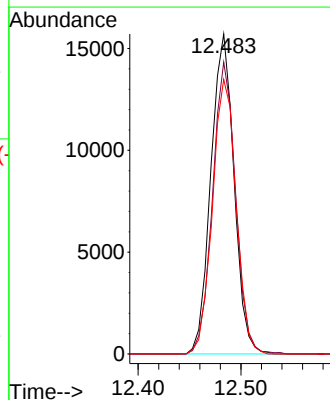
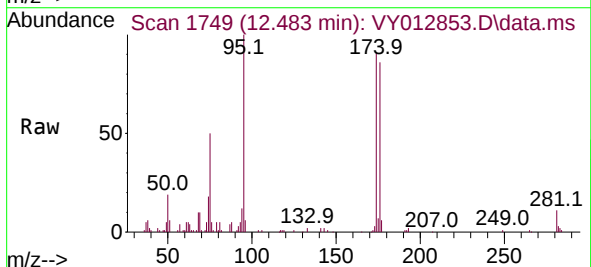
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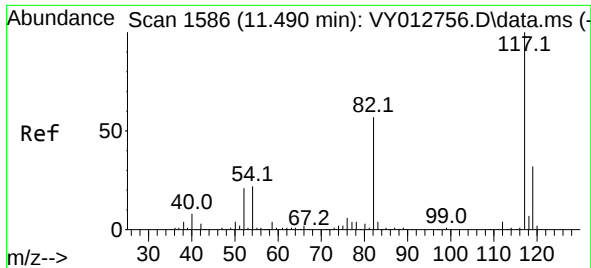
Tgt Ion: 98 Resp: 86424
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.656 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Tgt Ion: 95 Resp: 24502
Ion Ratio Lower Upper
95 100
174 91.1 0.0 176.6
176 87.8 0.0 170.2

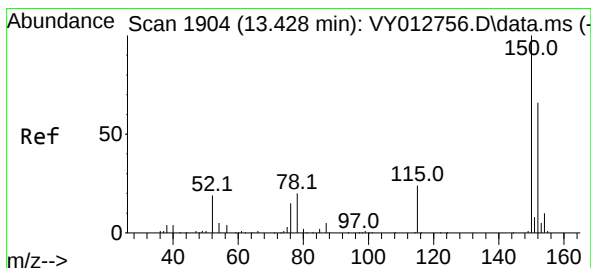
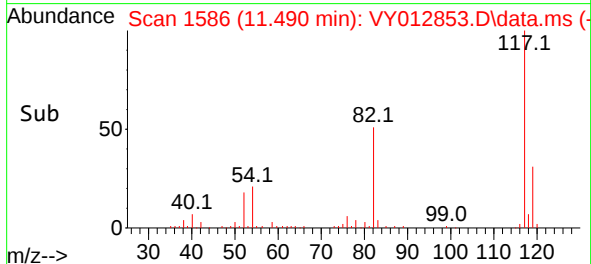
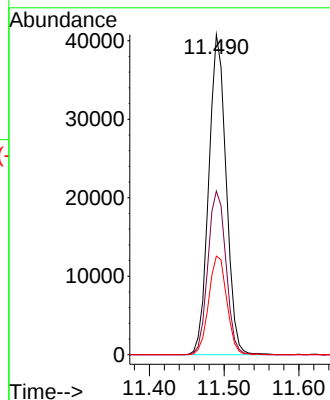
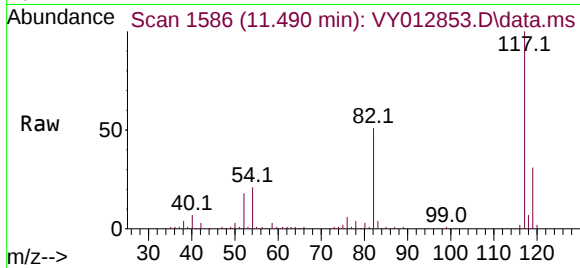




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

Tgt Ion:117 Resp: 65879
Ion Ratio Lower Upper
117 100
82 51.1 45.4 68.0
119 30.8 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: VY012853.D
Acq: 07 Mar 2023 18:29

Tgt Ion:152 Resp: 28600
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.3
150 153.0 0.0 347.8

