

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012816.D
 Acq On : 06 Mar 2023 12:26
 Operator : KP/MD
 Sample : 01749-16
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-18

Quant Time: Mar 06 14:14:18 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	98954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	163593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	141723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60713	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57354	58.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.760%
35) Dibromofluoromethane	7.716	113	54375	55.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.160%
50) Toluene-d8	10.179	98	193147	53.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.020%
62) 4-Bromofluorobenzene	12.483	95	54218	44.506	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.020%

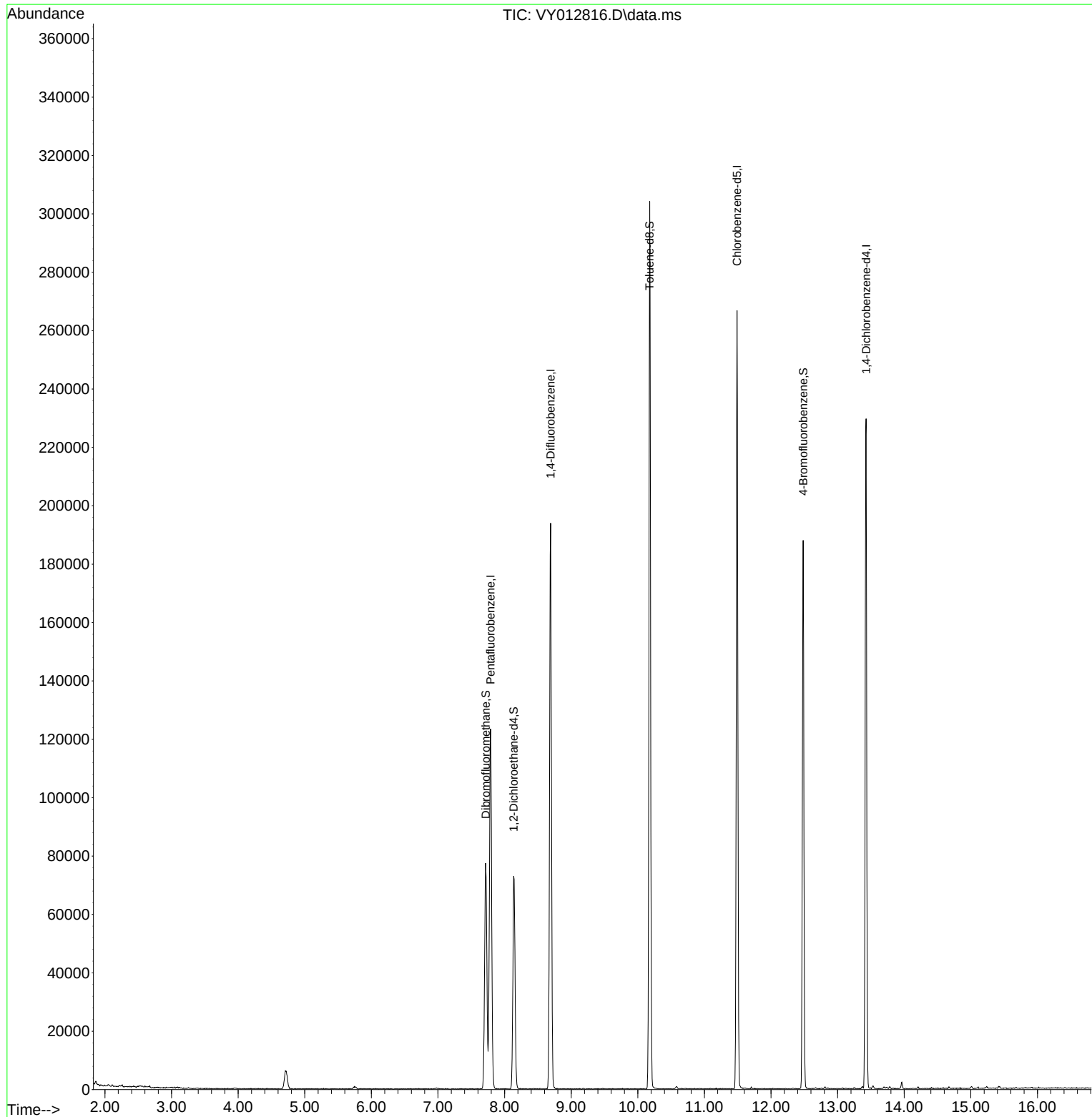
Target Compounds	Qvalue

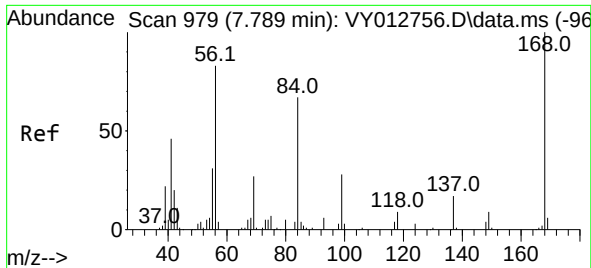
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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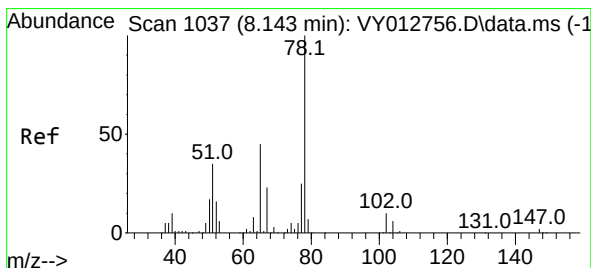
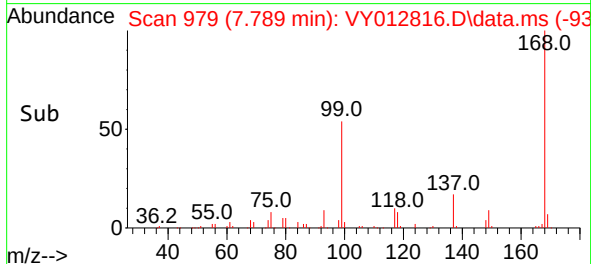
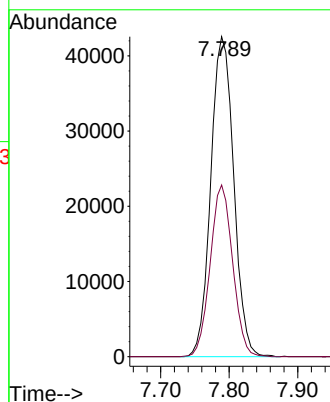
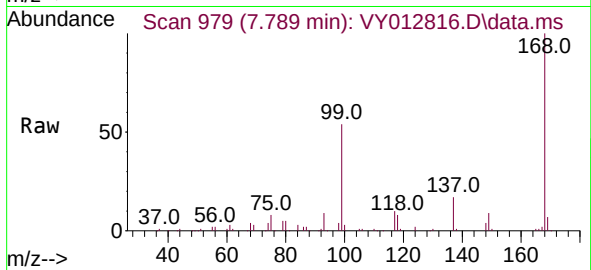




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

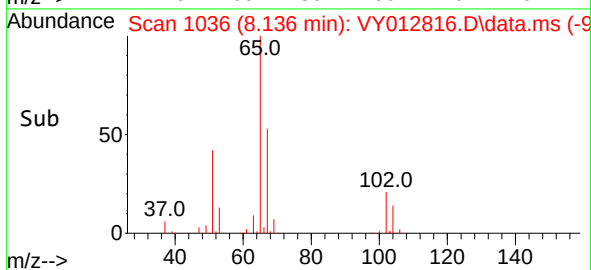
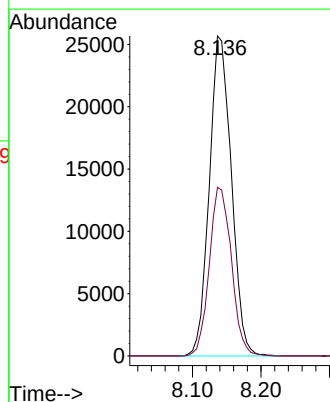
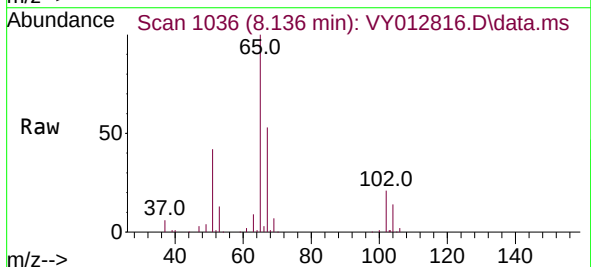
Instrument :
MSVOA_Y
ClientSampleId :
CF-18

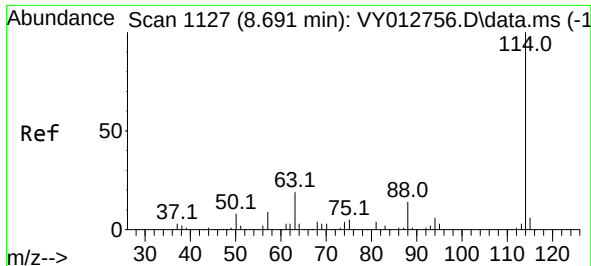
Tgt Ion:168 Resp: 98954
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 58.376 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

Tgt Ion: 65 Resp: 57354
Ion Ratio Lower Upper
65 100
67 52.9 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: VY012816.D

Acq: 06 Mar 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

CF-18

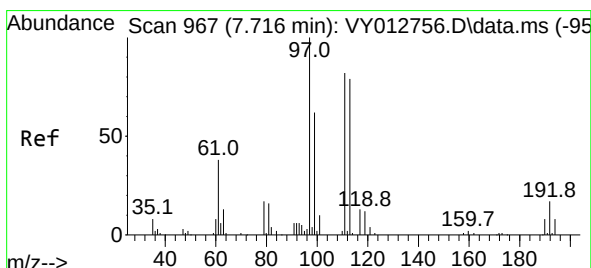
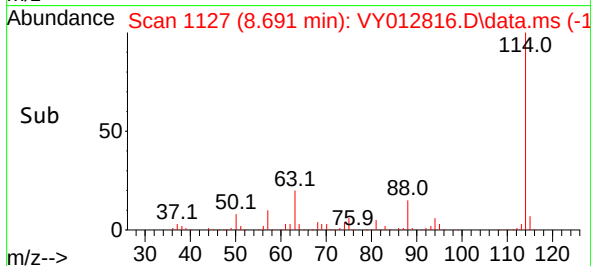
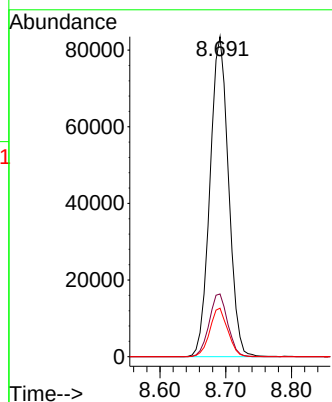
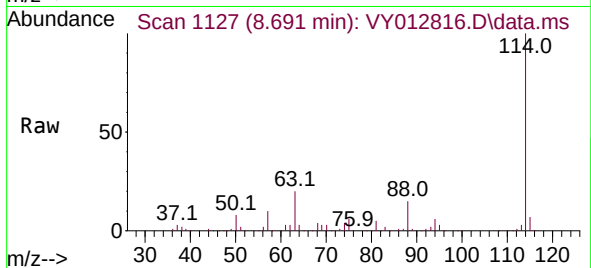
Tgt Ion:114 Resp: 163593

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 15.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.075 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012816.D

Acq: 06 Mar 2023 12:26

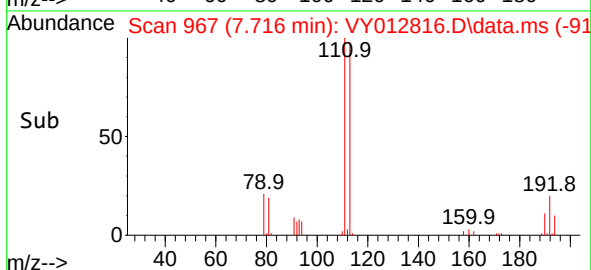
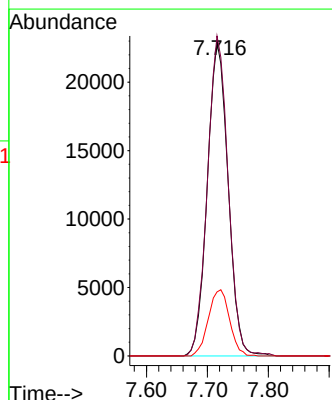
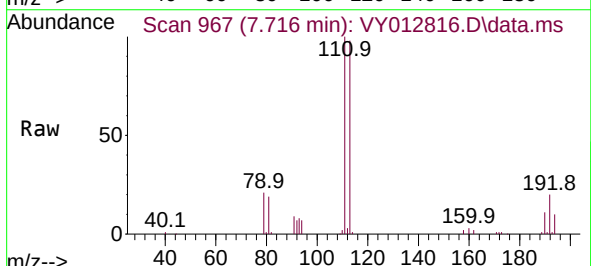
Tgt Ion:113 Resp: 54375

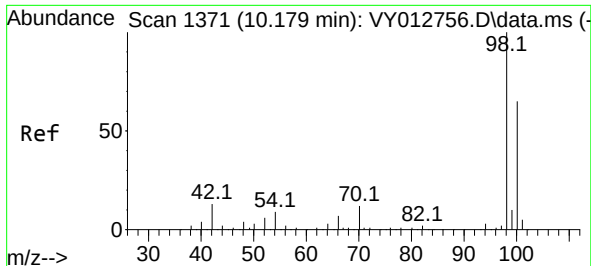
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 21.5 16.8 25.2

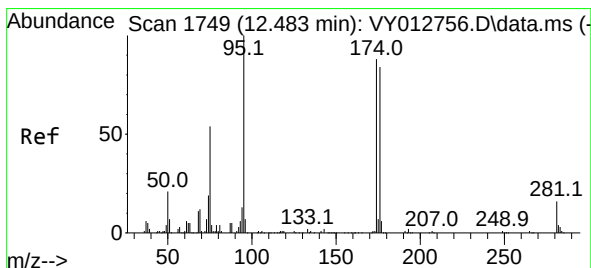
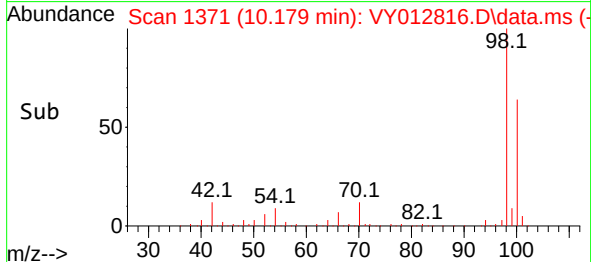
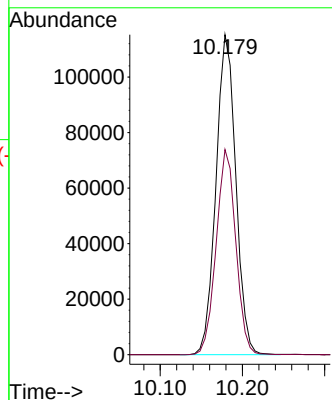
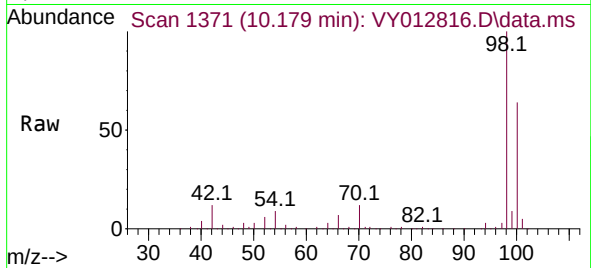




#50
Toluene-d8
Concen: 53.514 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

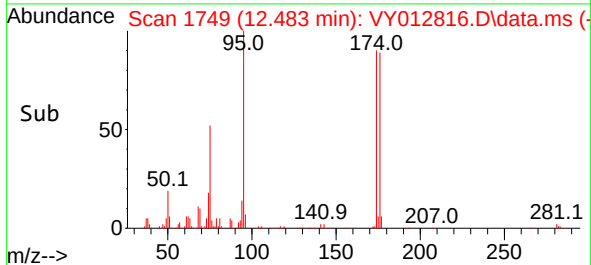
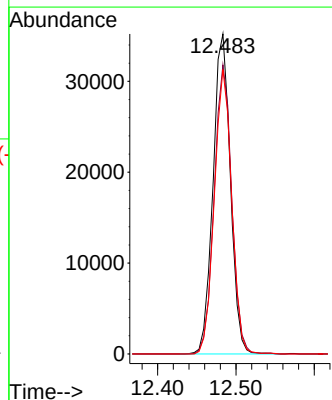
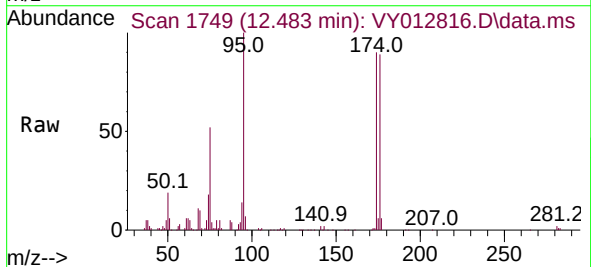
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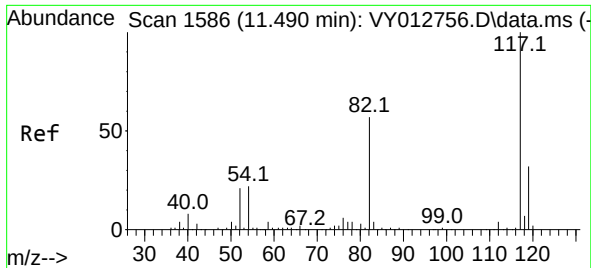
Tgt Ion: 98 Resp: 193147
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.506 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

Tgt Ion: 95 Resp: 54218
Ion Ratio Lower Upper
95 100
174 91.4 0.0 176.6
176 88.9 0.0 170.2

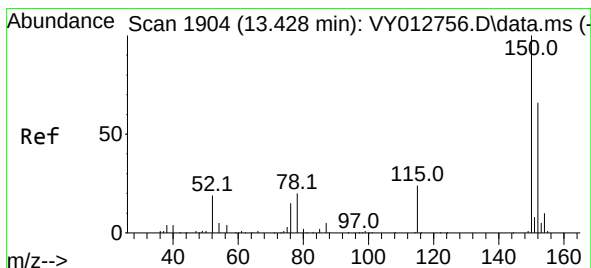
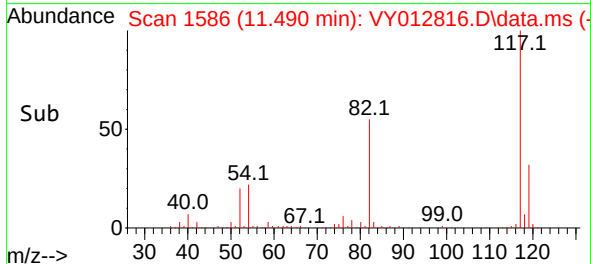
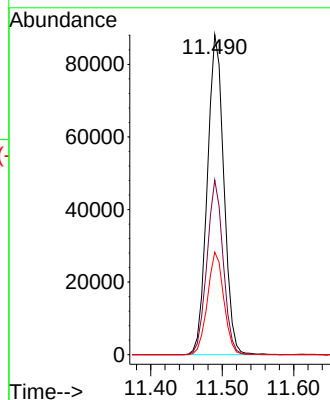
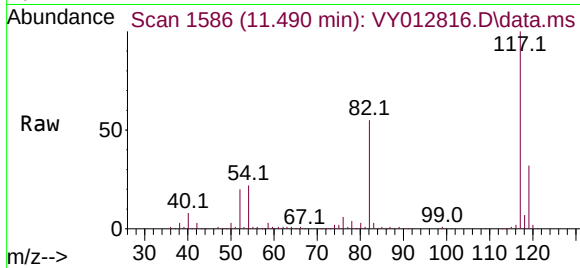




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012816.D
Acq: 06 Mar 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
CF-18

Tgt Ion:117 Resp: 141723
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 32.1 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: VY012816.D
Acq: 06 Mar 2023 12:26

Tgt Ion:152 Resp: 60713
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 157.2 0.0 347.8

