

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010618.D
 Acq On : 22 Sep 2022 13:32
 Operator : KP/MD
 Sample : N4703-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-363

Quant Time: Sep 22 16:25:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	191568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	361099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	364173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	102233	55.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.580%
35) Dibromofluoromethane	7.710	113	91728	39.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.600%
50) Toluene-d8	10.179	98	346025	41.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.420%
62) 4-Bromofluorobenzene	12.483	95	114292	35.367	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.740%

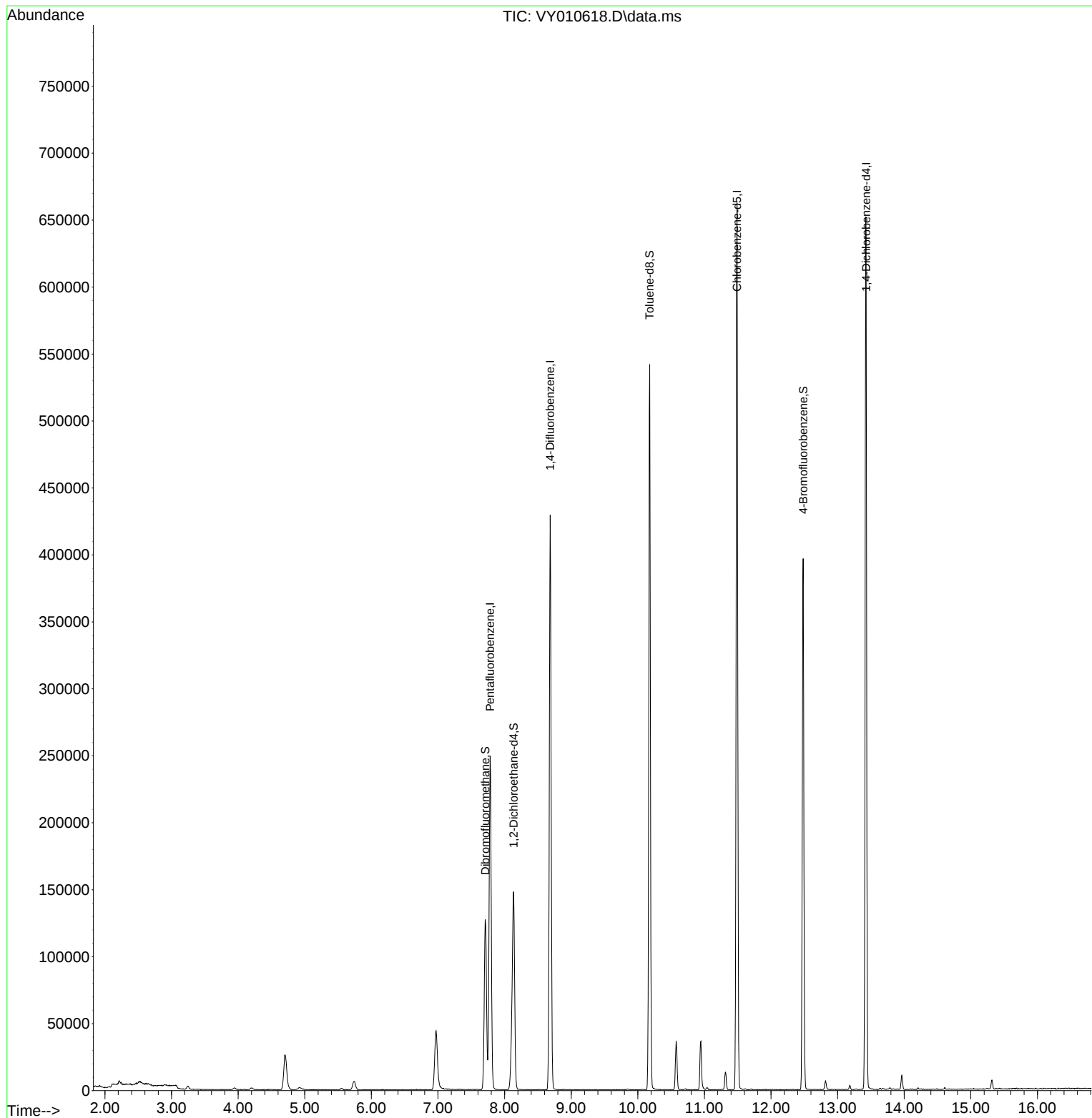
Target Compounds	Qvalue

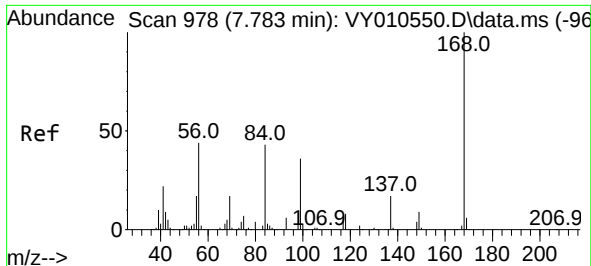
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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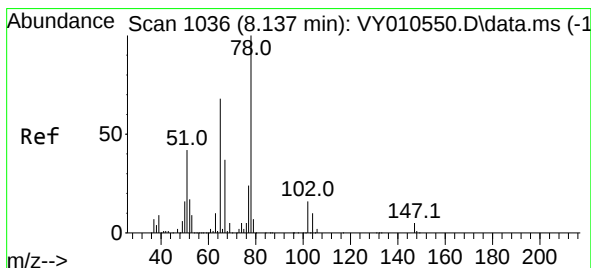
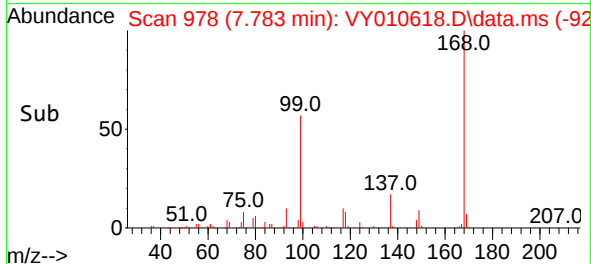
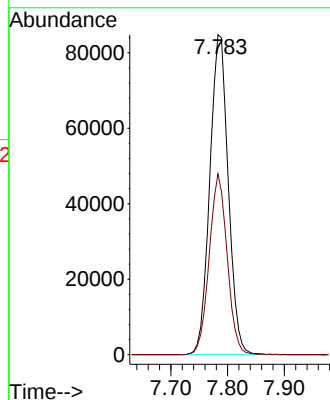
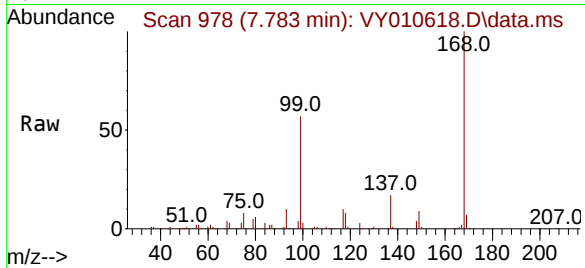




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

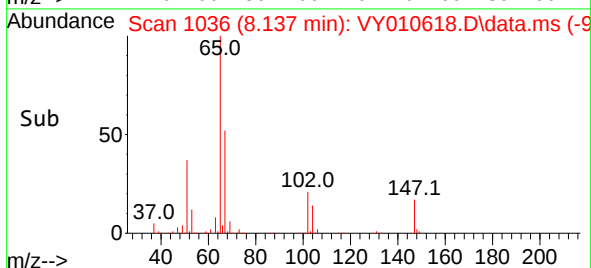
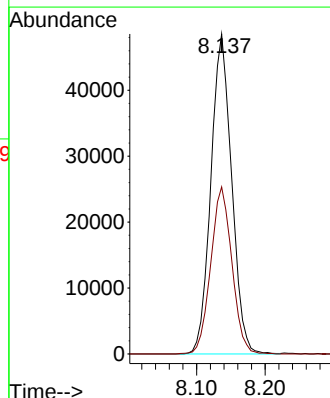
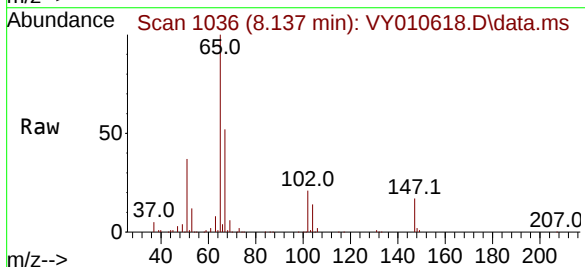
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

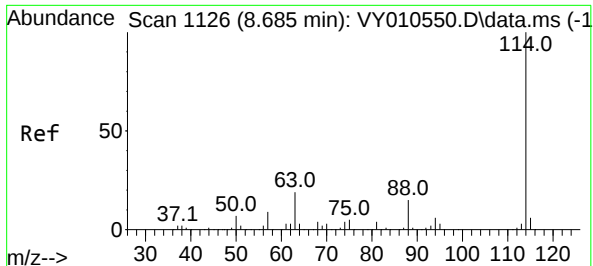
Tgt Ion:168 Resp: 191568
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.795 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion: 65 Resp: 102233
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010618.D

Acq: 22 Sep 2022 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-363

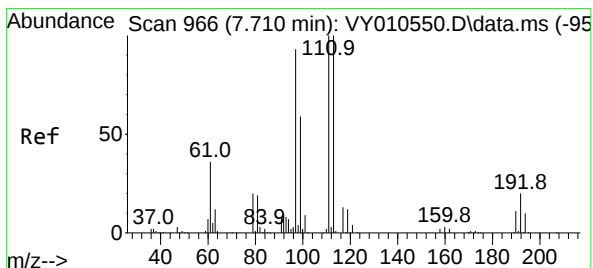
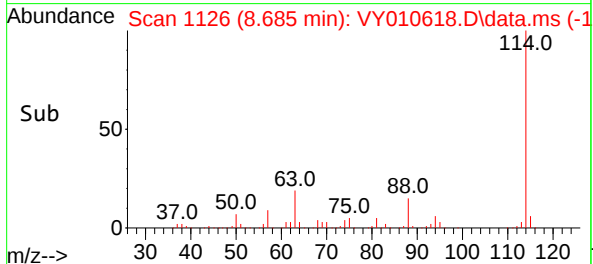
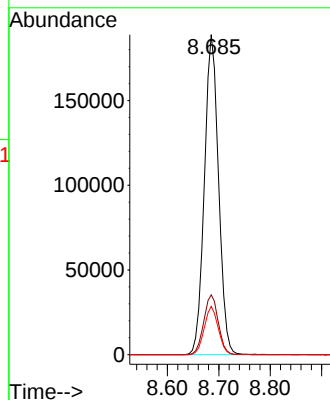
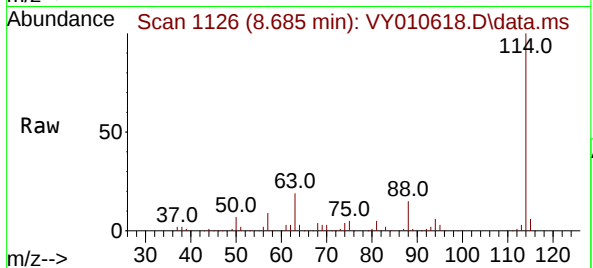
Tgt Ion:114 Resp: 361099

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.803 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010618.D

Acq: 22 Sep 2022 13:32

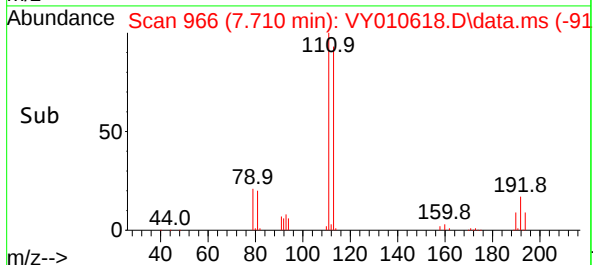
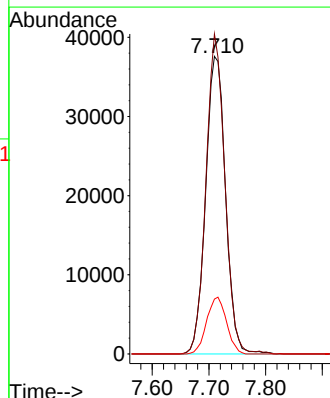
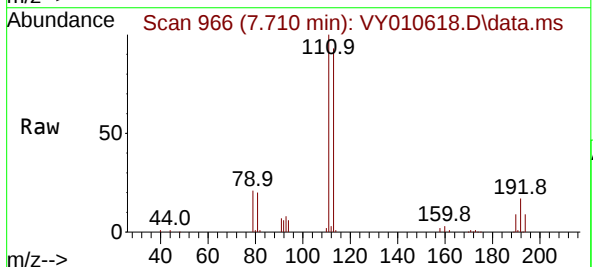
Tgt Ion:113 Resp: 91728

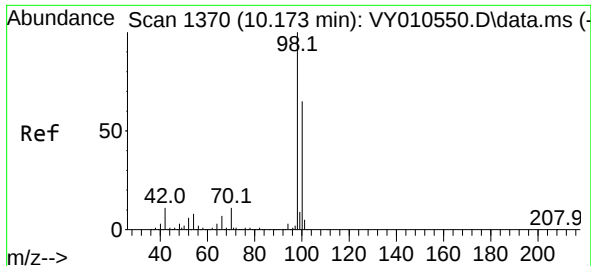
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 19.0 17.6 26.4

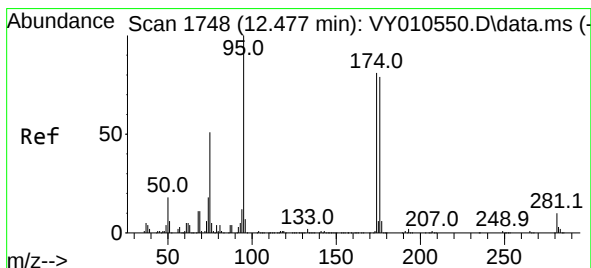
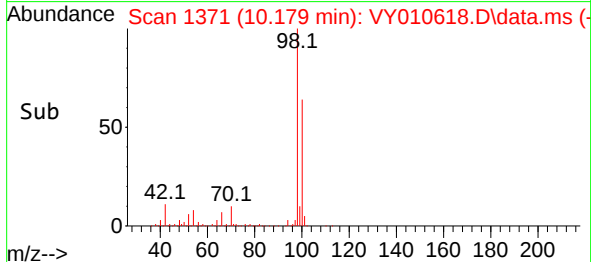
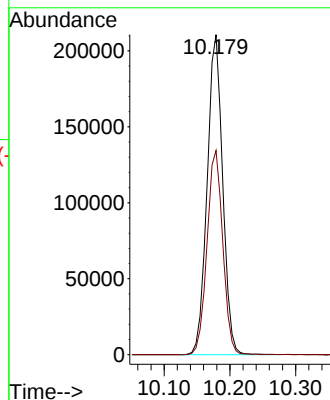
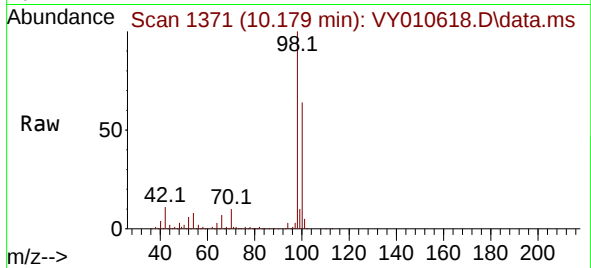




#50
Toluene-d8
Concen: 41.213 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

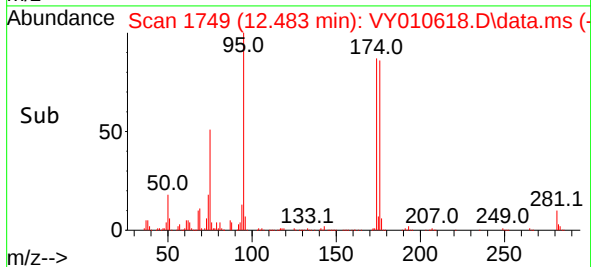
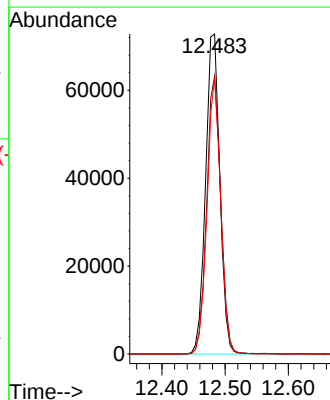
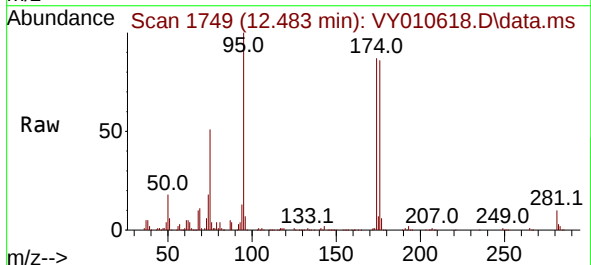
Instrument :
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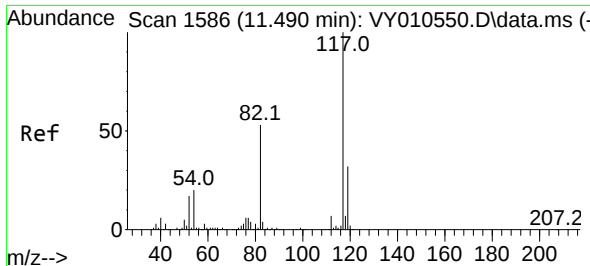
Tgt Ion: 98 Resp: 346025
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.367 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion: 95 Resp: 114292
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.6 0.0 175.8

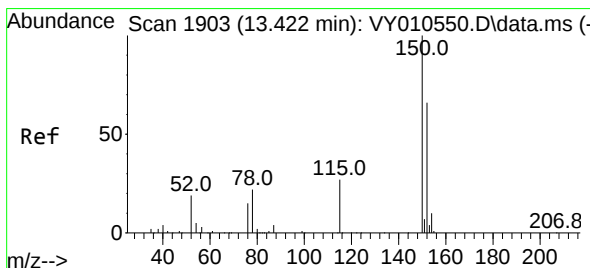
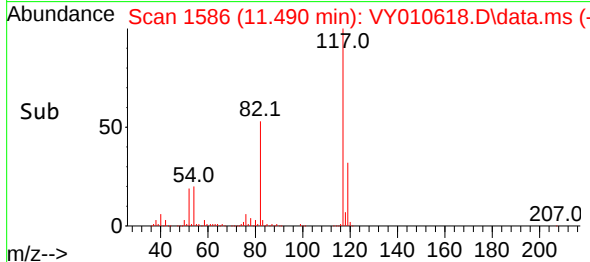
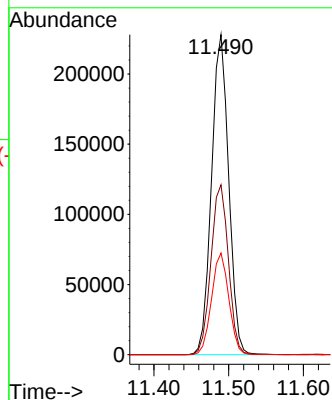
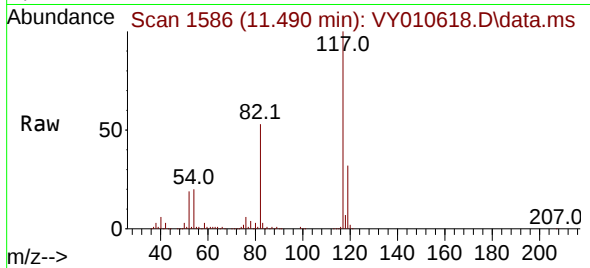




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

Tgt Ion:117 Resp: 364173
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion:152 Resp: 167782
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.9 0.0 347.6

