

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010168.D
 Acq On : 23 Aug 2022 16:23
 Operator : KP/MD
 Sample : N4214-04RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-357RE

Quant Time: Aug 24 04:33:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	60022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	107039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48521	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36021	73.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.540%
35) Dibromofluoromethane	7.710	113	33204	55.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.100%
50) Toluene-d8	10.179	98	112887	49.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.477	95	35179	43.566	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.140%

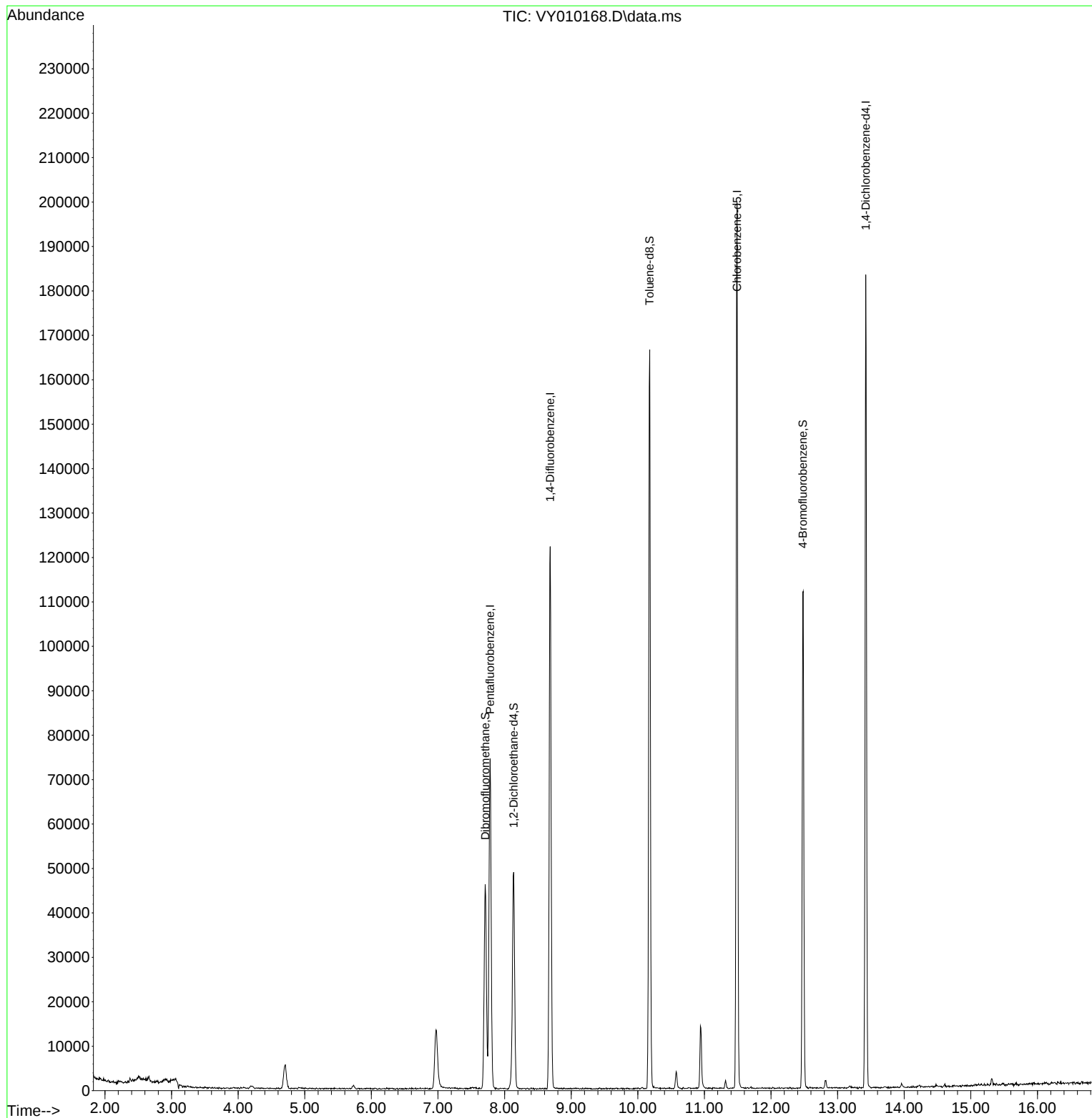
Target Compounds	Qvalue

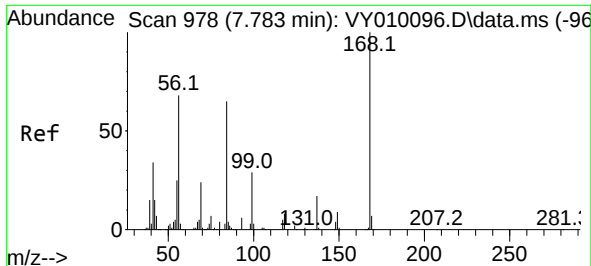
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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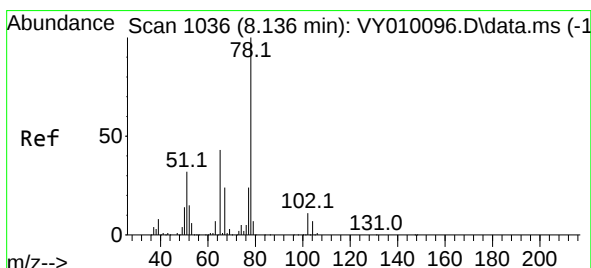
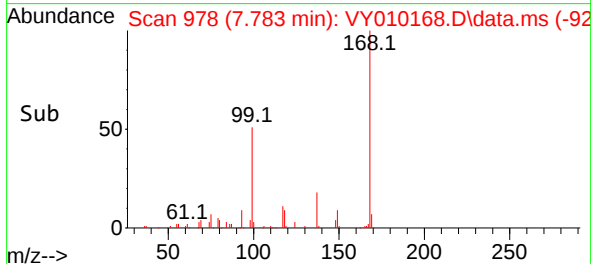
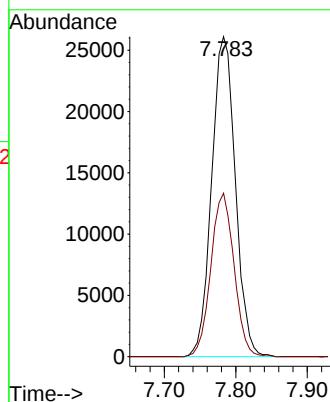
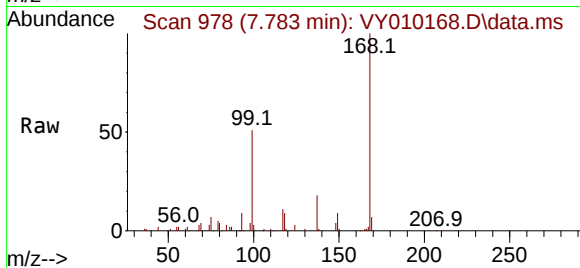




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010168.D
Acq: 23 Aug 2022 16:23

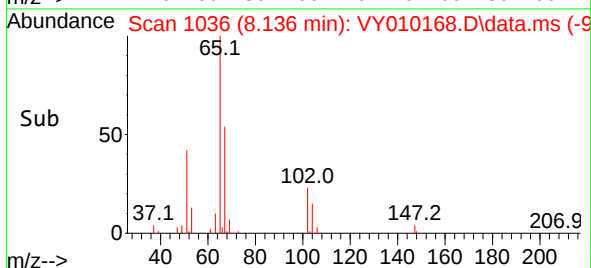
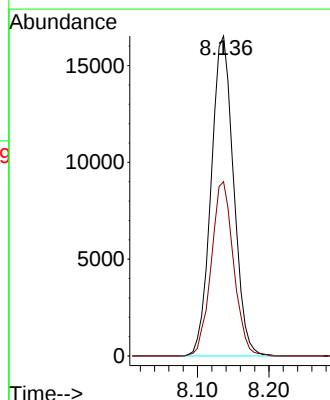
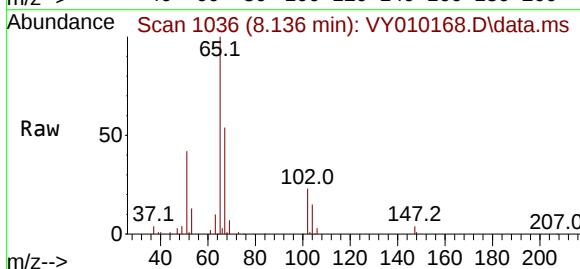
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-357RE

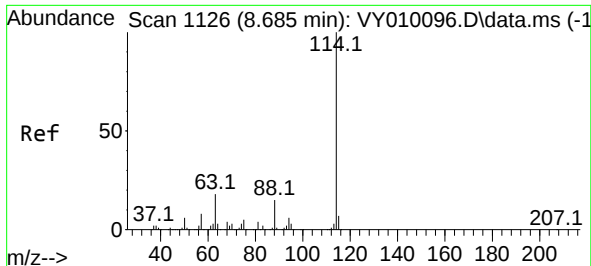
Tgt Ion:168 Resp: 60022
Ion Ratio Lower Upper
168 100
99 51.1 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 73.268 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010168.D
Acq: 23 Aug 2022 16:23

Tgt Ion: 65 Resp: 36021
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6

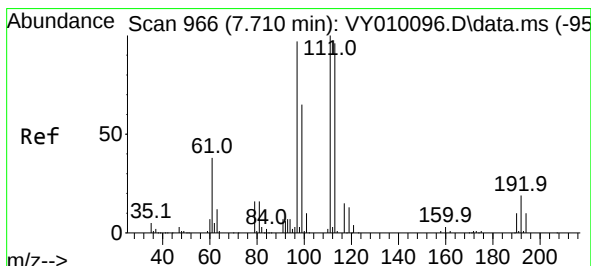
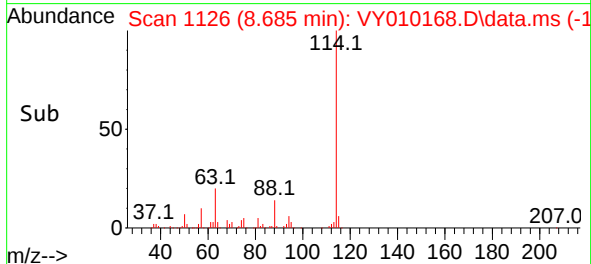
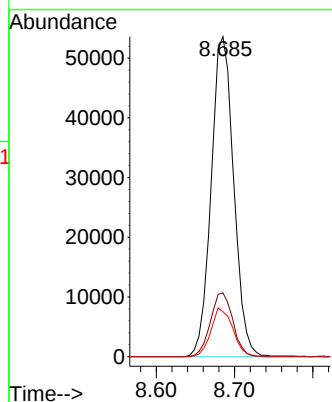
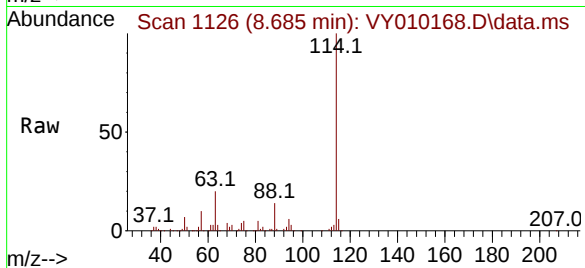




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010168.D
Acq: 23 Aug 2022 16:23

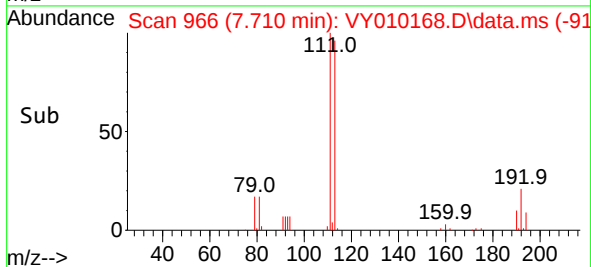
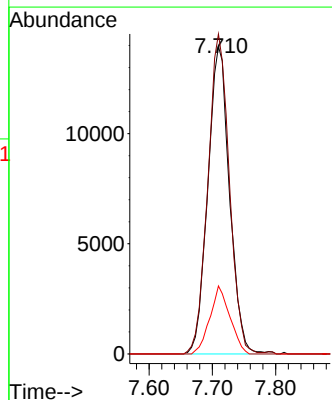
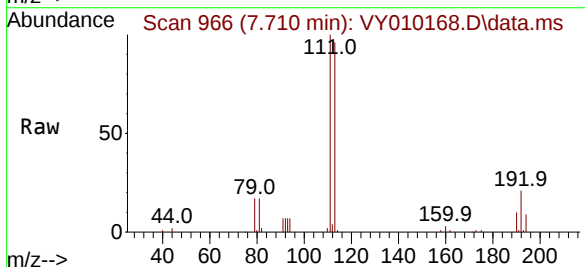
Instrument :
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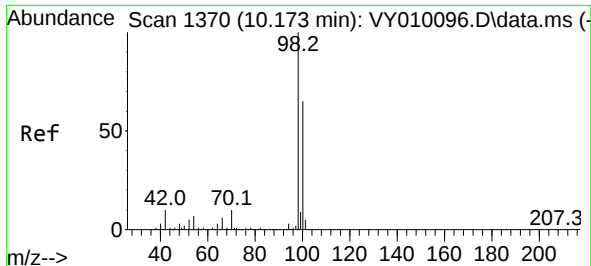
Tgt Ion:114 Resp: 107039
Ion Ratio Lower Upper
114 100
63 20.0 0.0 35.6
88 14.1 0.0 29.6



#35
Dibromofluoromethane
Concen: 55.051 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010168.D
Acq: 23 Aug 2022 16:23

Tgt Ion:113 Resp: 33204
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 20.4 16.3 24.5

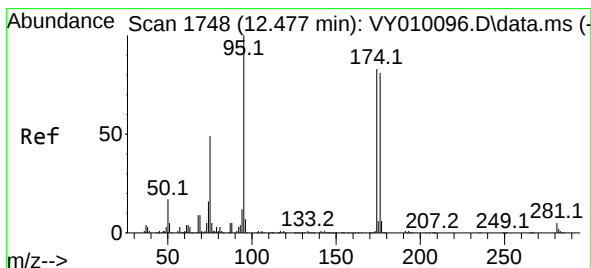
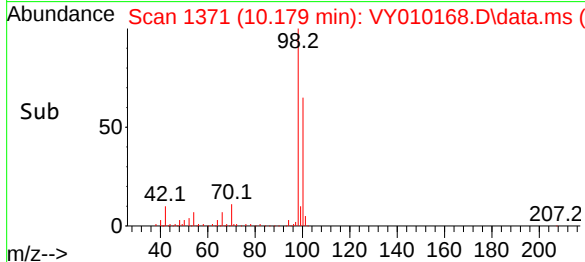
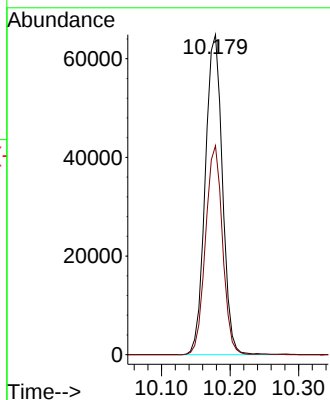
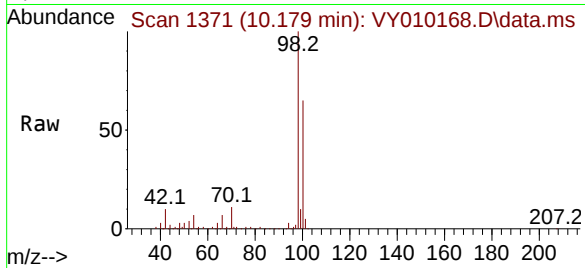




#50
Toluene-d8
Concen: 49.949 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010168.D
Acq: 23 Aug 2022 16:23

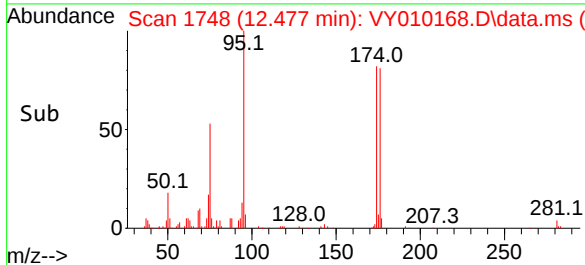
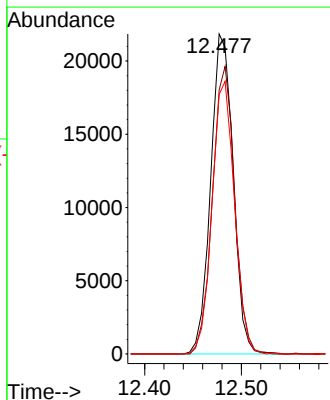
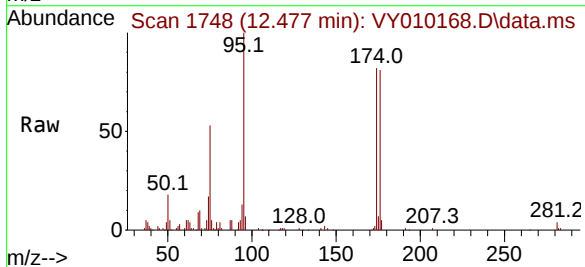
Instrument :
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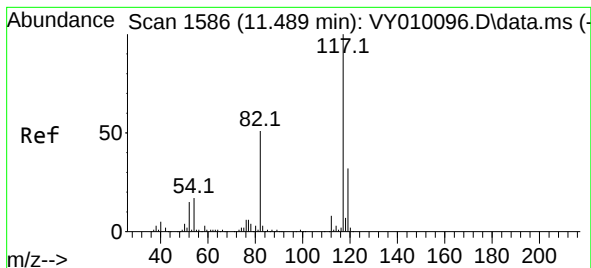
Tgt Ion: 98 Resp: 112887
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.566 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010168.D
Acq: 23 Aug 2022 16:23

Tgt Ion: 95 Resp: 35179
Ion Ratio Lower Upper
95 100
174 89.2 0.0 173.8
176 85.2 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010168.D

Acq: 23 Aug 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-357RE

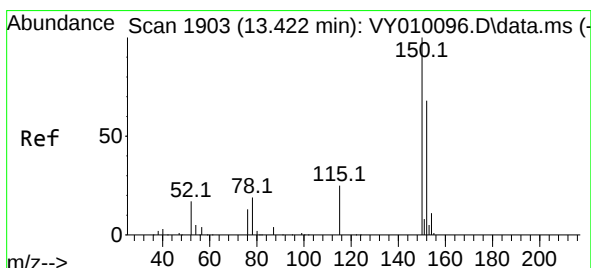
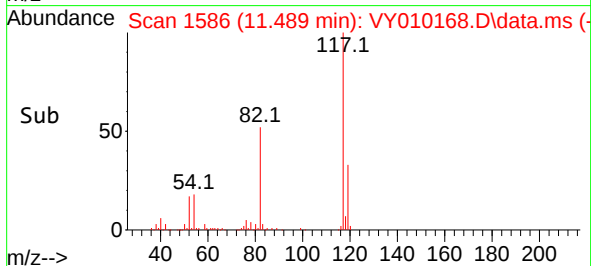
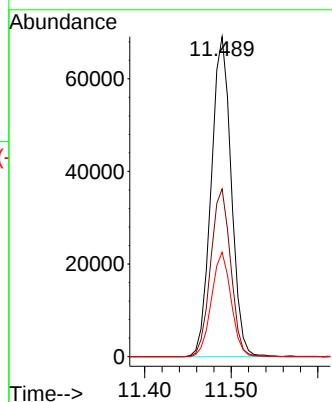
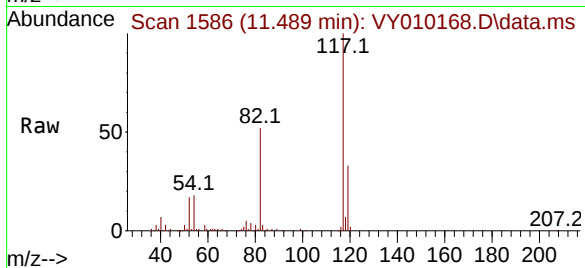
Tgt Ion:117 Resp: 110985

Ion Ratio Lower Upper

117 100

82 52.4 40.6 61.0

119 32.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010168.D

Acq: 23 Aug 2022 16:23

Tgt Ion:152 Resp: 48521

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.2

150 157.8 0.0 346.2

