

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010105.D
 Acq On : 19 Aug 2022 15:54
 Operator : KP/MD
 Sample : N4214-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

Quant Time: Aug 22 02:41:39 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	39245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	66935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	65319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	24809	77.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.360%
35) Dibromofluoromethane	7.710	113	23453	62.182	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.360%
50) Toluene-d8	10.179	98	80301	56.819	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.640%
62) 4-Bromofluorobenzene	12.477	95	24217	47.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.920%

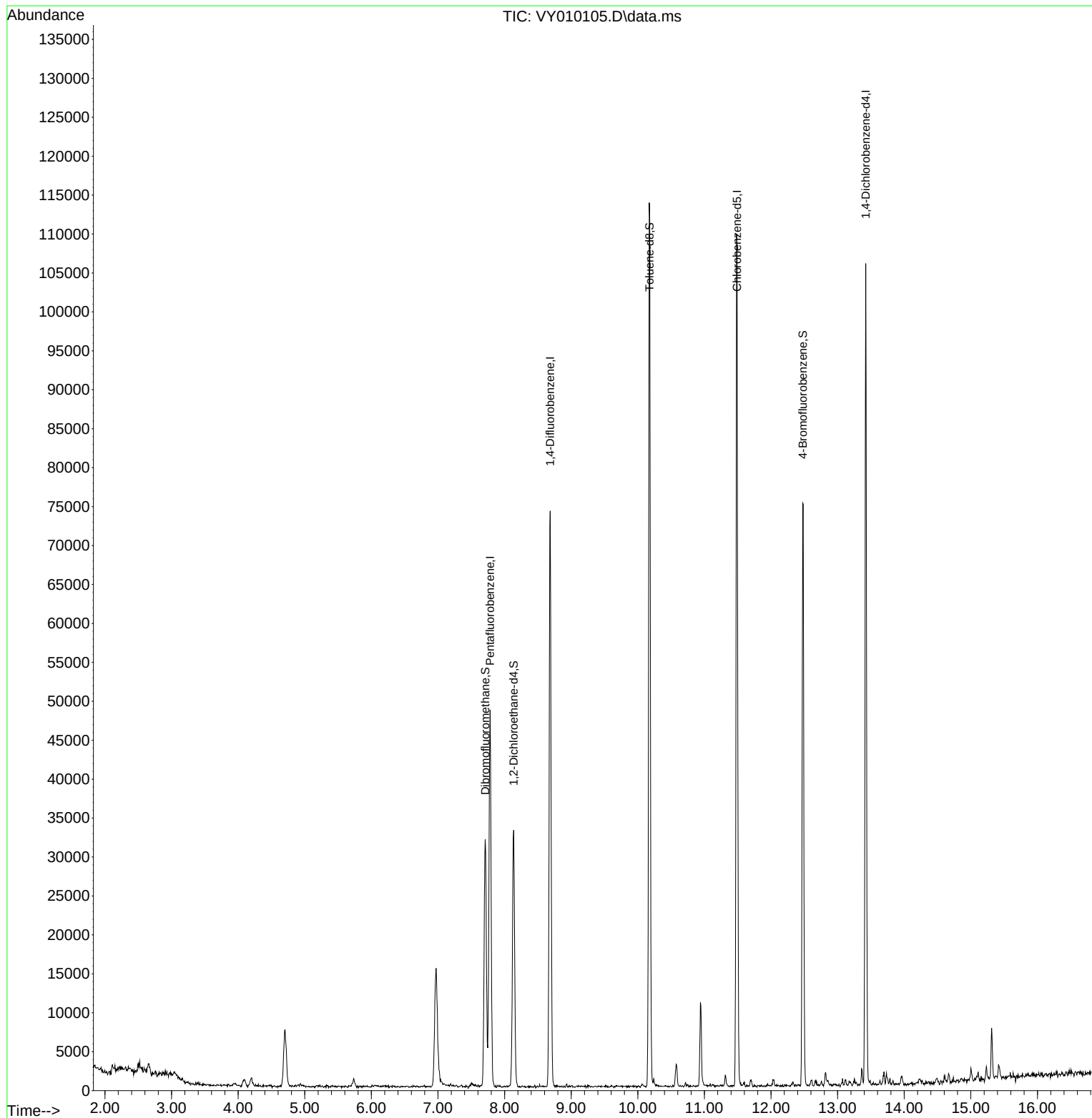
Target Compounds	Qvalue

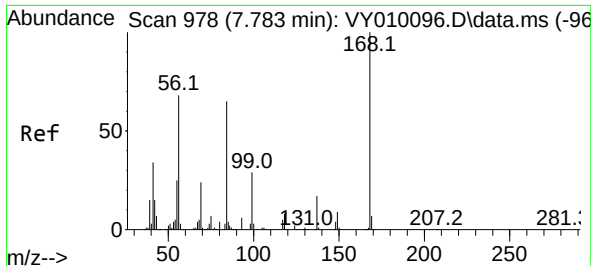
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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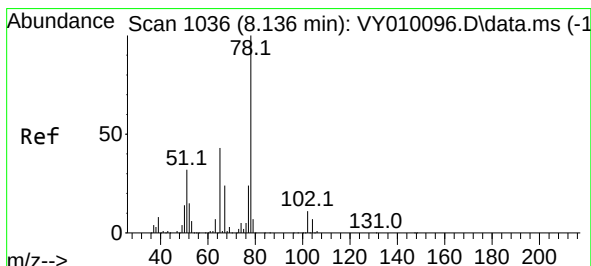
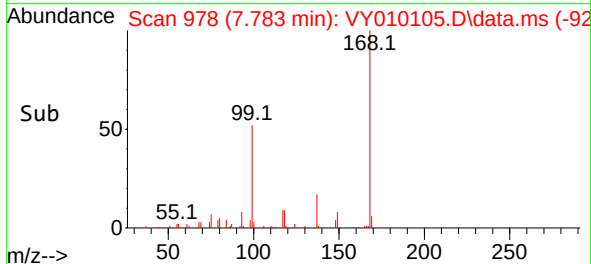
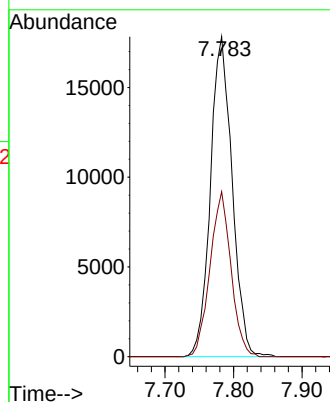
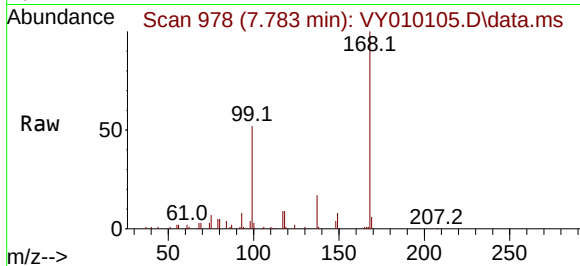




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010105.D
Acq: 19 Aug 2022 15:54

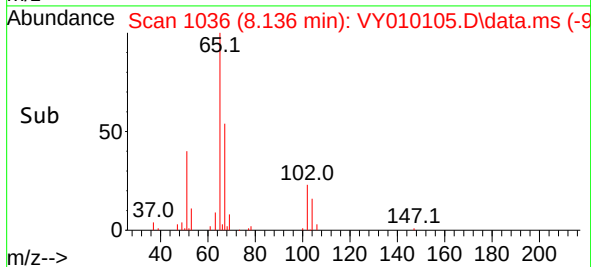
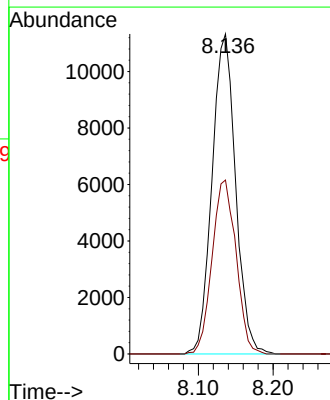
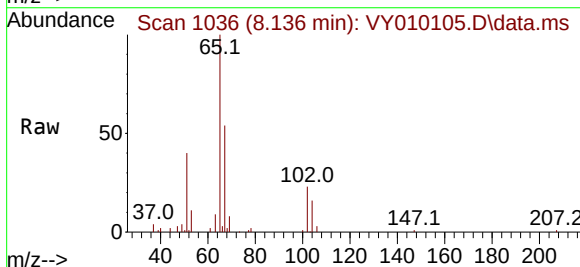
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

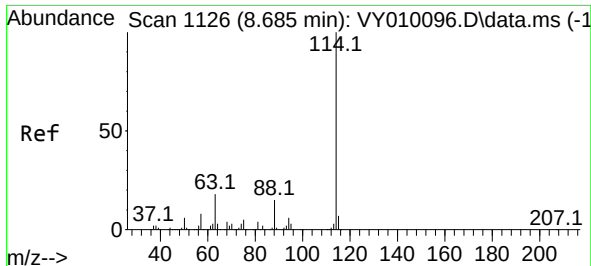
Tgt Ion:168 Resp: 39245
Ion Ratio Lower Upper
168 100
99 51.6 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 77.178 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010105.D
Acq: 19 Aug 2022 15:54

Tgt Ion: 65 Resp: 24809
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.6

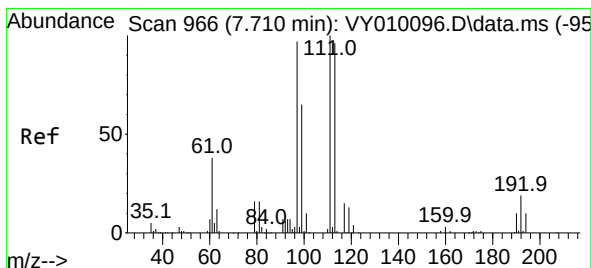
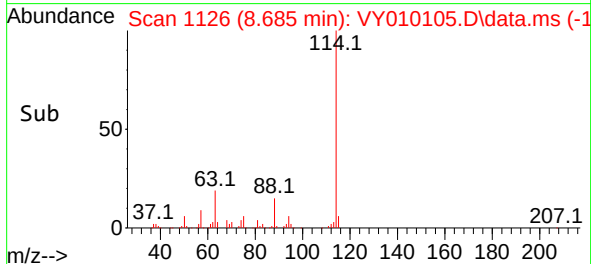
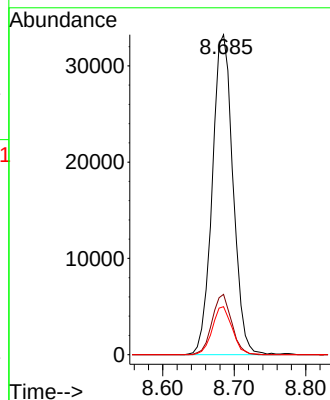
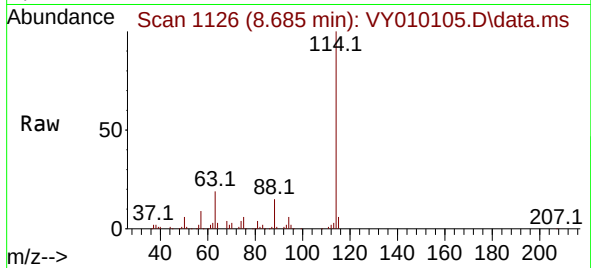




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010105.D
Acq: 19 Aug 2022 15:54

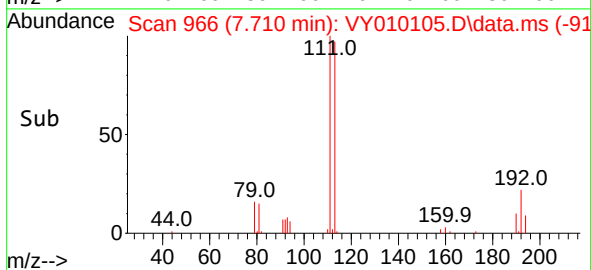
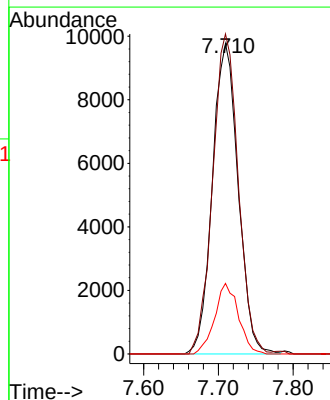
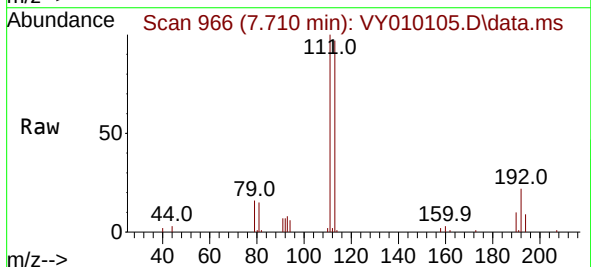
Instrument :
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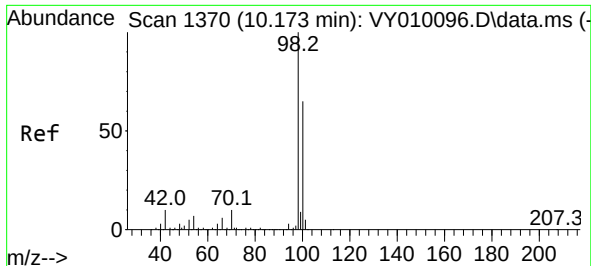
Tgt Ion:	114	Resp:	66935
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	35.6
88	15.0	0.0	29.6



#35
Dibromofluoromethane
Concen: 62.182 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010105.D
Acq: 19 Aug 2022 15:54

Tgt Ion:	113	Resp:	23453
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.8	124.2
192	20.9	16.3	24.5

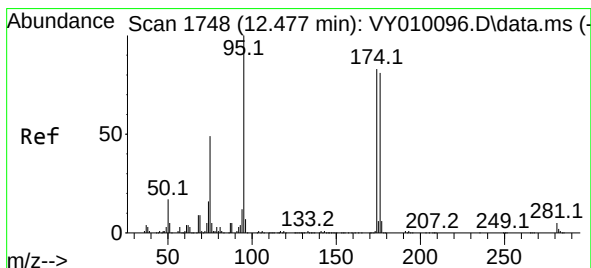
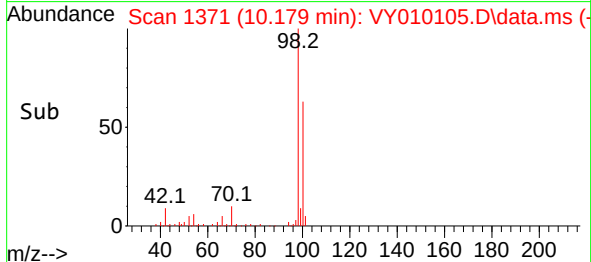
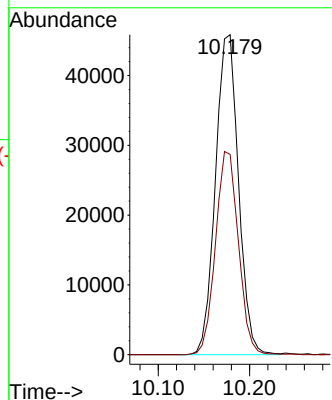
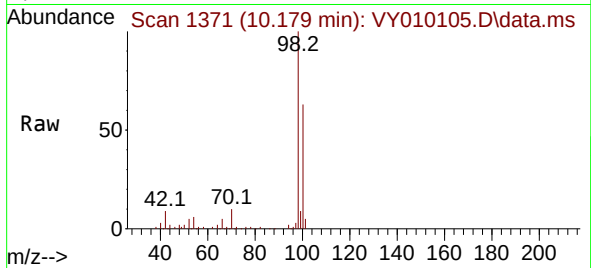




#50
Toluene-d8
Concen: 56.819 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010105.D
Acq: 19 Aug 2022 15:54

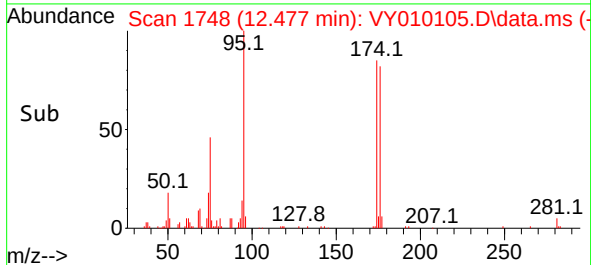
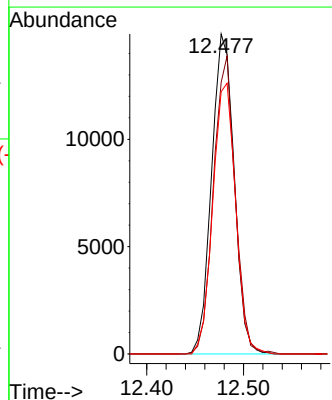
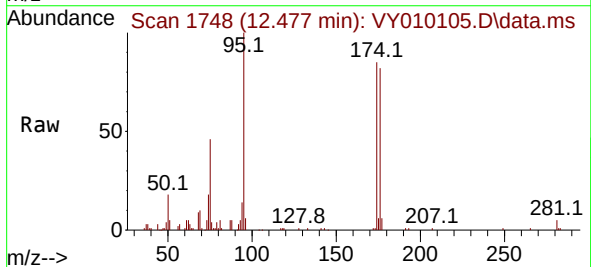
Instrument :
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ETGI-354

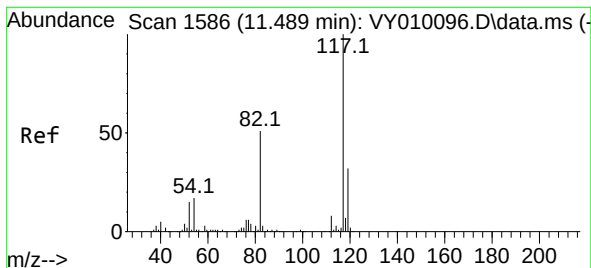
Tgt Ion: 98 Resp: 80301
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.959 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010105.D
Acq: 19 Aug 2022 15:54

Tgt Ion: 95 Resp: 24217
Ion Ratio Lower Upper
95 100
174 89.2 0.0 173.8
176 85.4 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: VY010105.D

Acq: 19 Aug 2022 15:54

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354

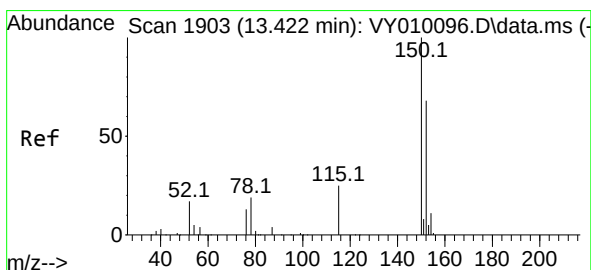
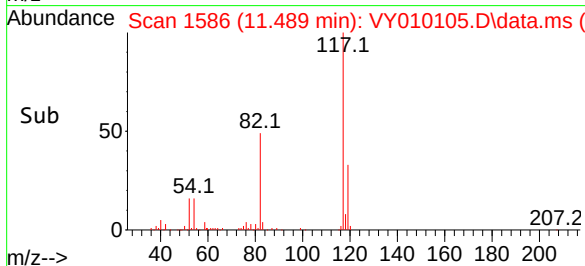
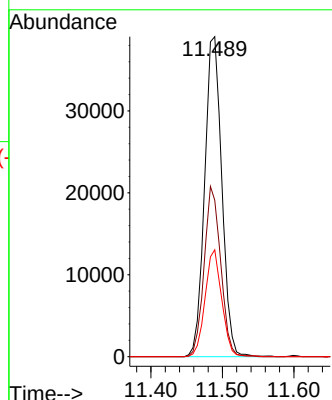
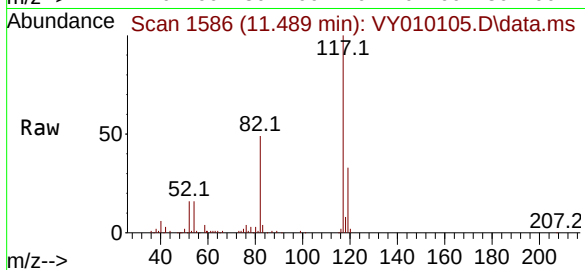
Tgt Ion:117 Resp: 65319

Ion Ratio Lower Upper

117 100

82 48.9 40.6 61.0

119 33.4 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: VY010105.D

Acq: 19 Aug 2022 15:54

Tgt Ion:152 Resp: 28004

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 155.4 0.0 346.2

