

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010106.D
 Acq On : 19 Aug 2022 16:17
 Operator : KP/MD
 Sample : N4214-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-357

Quant Time: Aug 22 02:42:05 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)

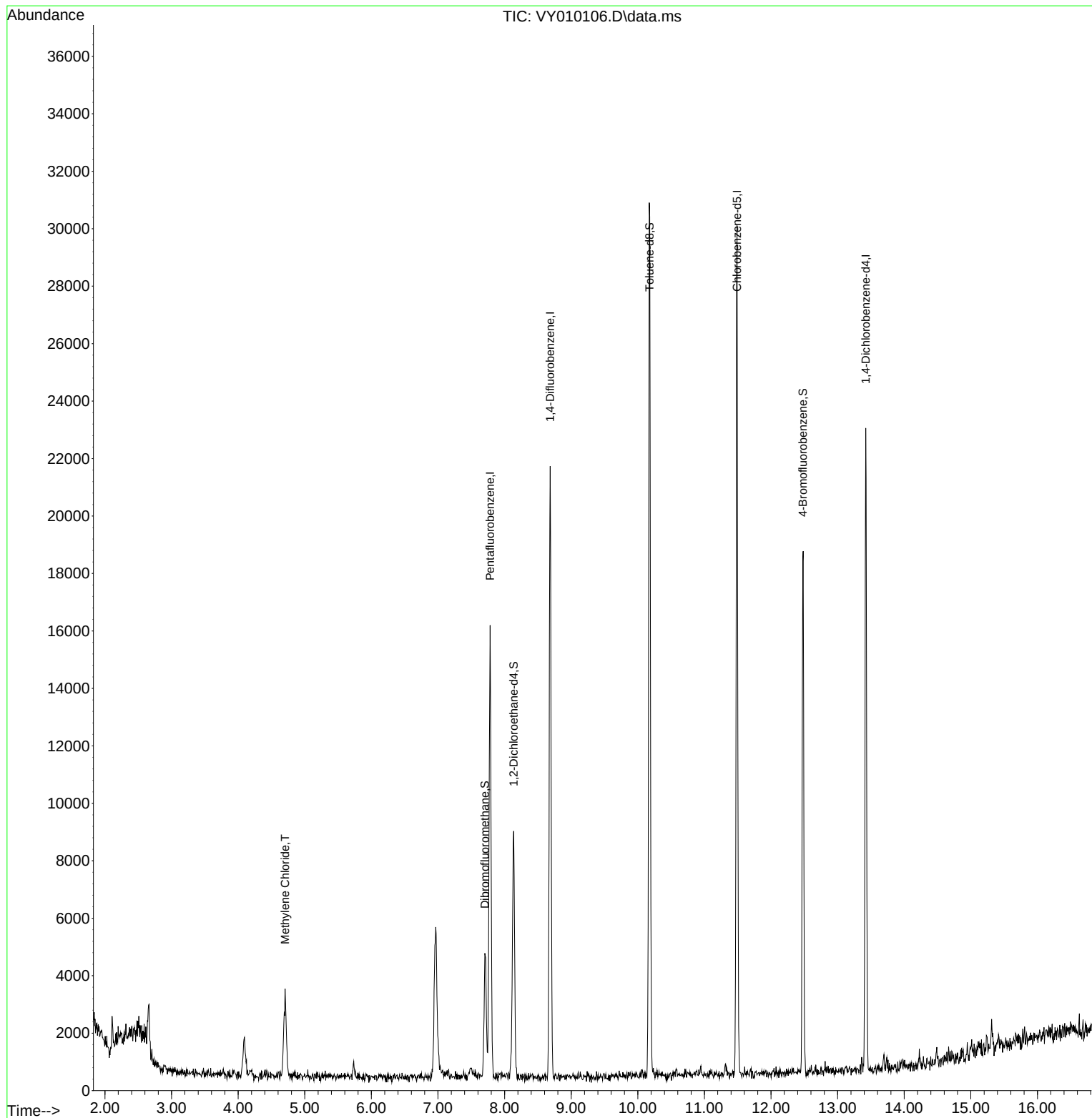
Internal Standards						
1) Pentafluorobenzene	7.783	168	12331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6415	63.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.020%
35) Dibromofluoromethane	7.703	113	3313	30.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	60.060%
50) Toluene-d8	10.179	98	22373	54.115	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.477	95	6057	41.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.000%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	2241	8.958	ug/l #	86

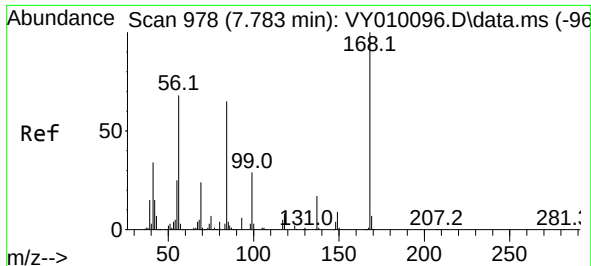
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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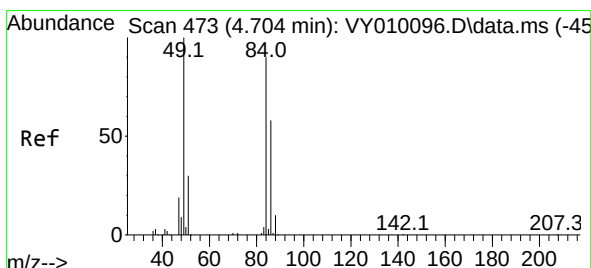
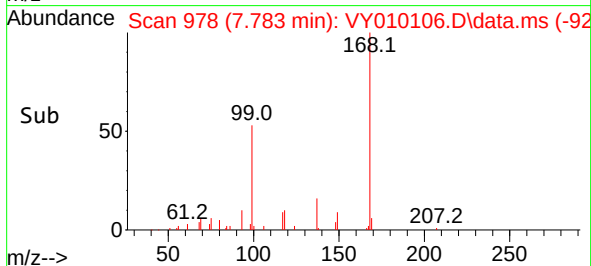
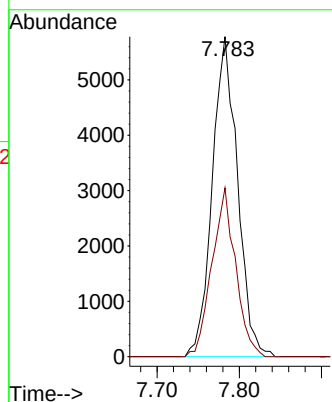
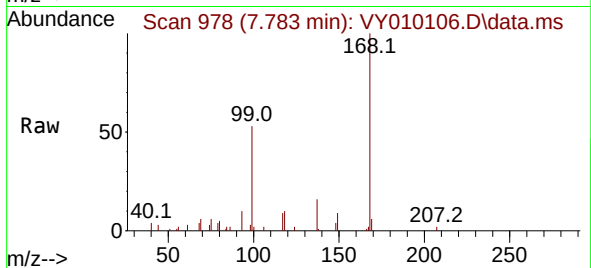




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010106.D
Acq: 19 Aug 2022 16:17

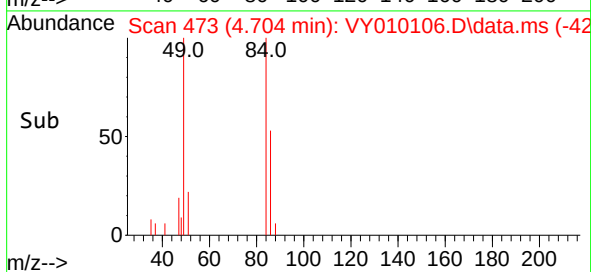
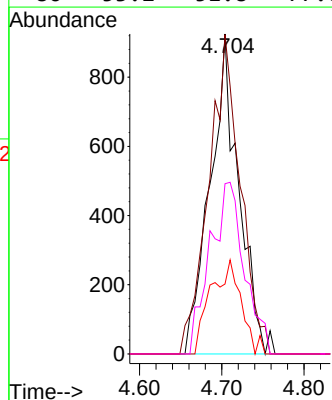
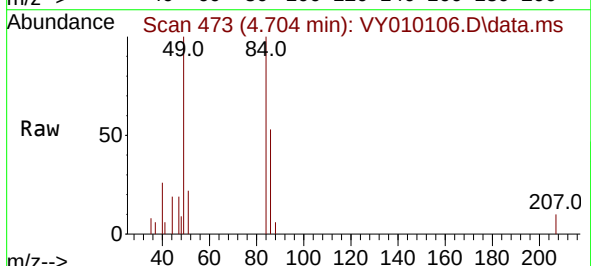
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-357

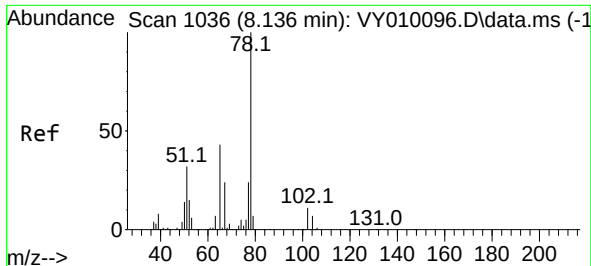
Tgt Ion:168 Resp: 12331
Ion Ratio Lower Upper
168 100
99 52.7 40.7 61.1



#20
Methylene Chloride
Concen: 8.958 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY010106.D
Acq: 19 Aug 2022 16:17

Tgt Ion: 84 Resp: 2241
Ion Ratio Lower Upper
84 100
49 99.8 89.0 133.4
51 21.8 27.0 40.6#
86 53.2 51.8 77.6

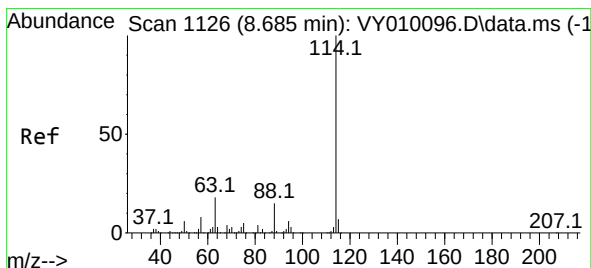
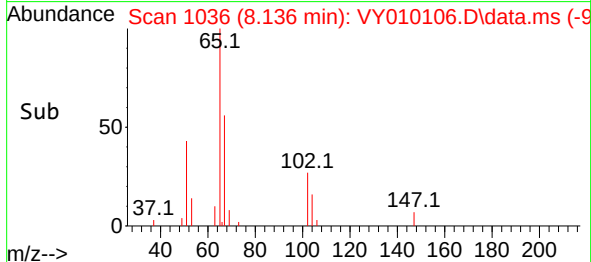
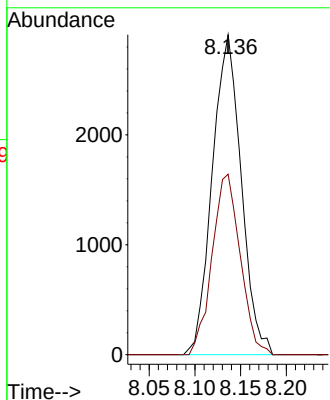
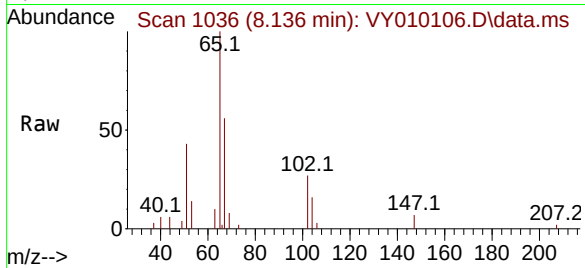




#33
1,2-Dichloroethane-d4
Concen: 63.513 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010106.D
Acq: 19 Aug 2022 16:17

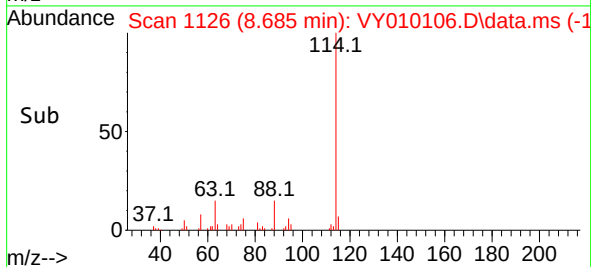
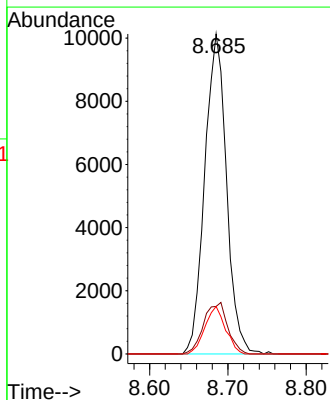
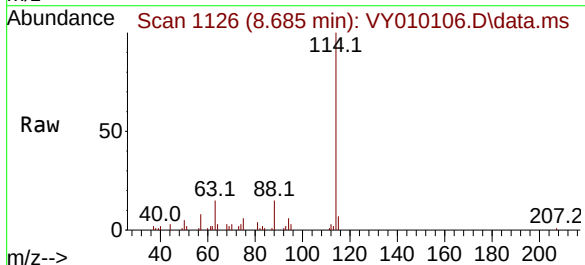
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-357

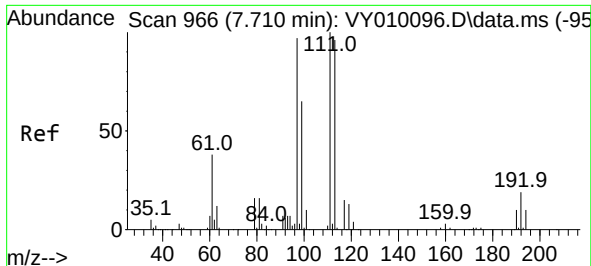
Tgt Ion: 65 Resp: 6415
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010106.D
Acq: 19 Aug 2022 16:17

Tgt Ion: 114 Resp: 19581
Ion Ratio Lower Upper
114 100
63 14.9 0.0 35.6
88 14.9 0.0 29.6

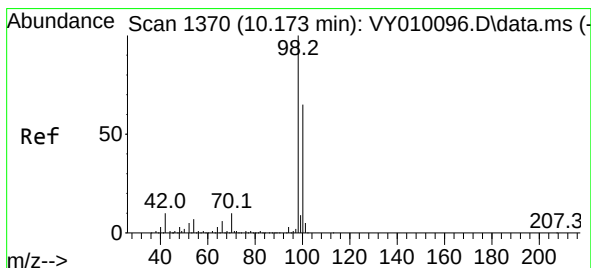
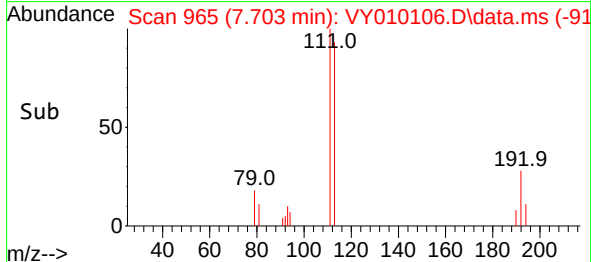
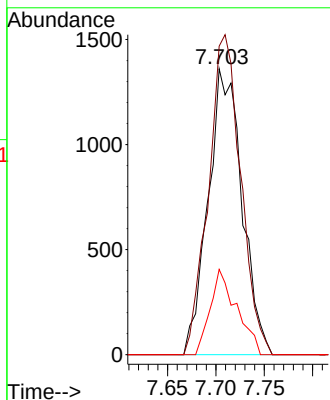
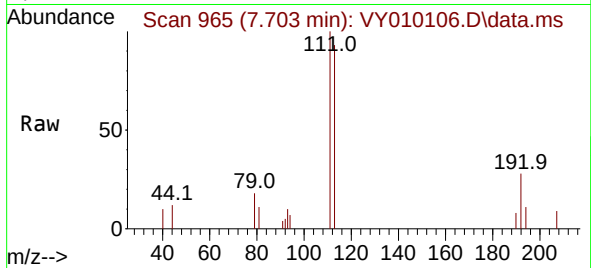




#35
 Dibromofluoromethane
 Concen: 30.027 ug/l
 RT: 7.703 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VY010106.D
 Acq: 19 Aug 2022 16:17

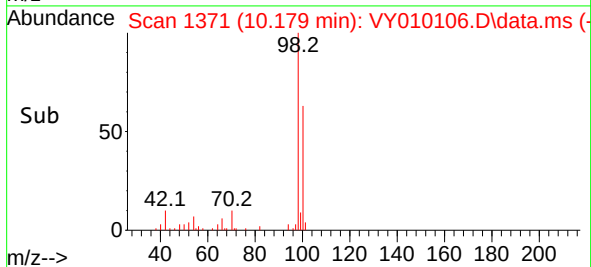
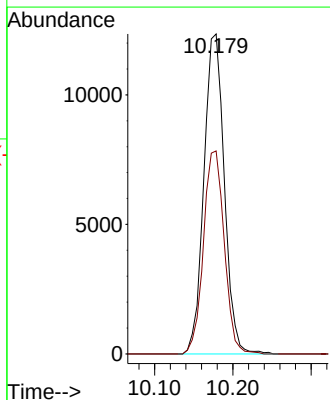
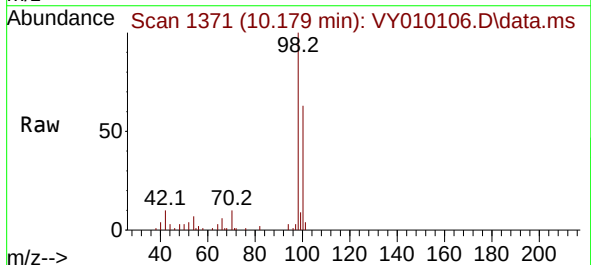
Instrument :
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 ETGI-357

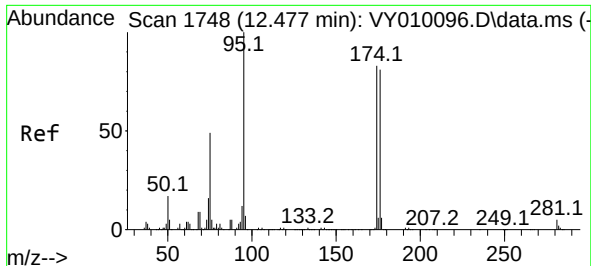
Tgt Ion:113 Resp: 3313
 Ion Ratio Lower Upper
 113 100
 111 106.5 82.8 124.2
 192 23.4 16.3 24.5



#50
 Toluene-d8
 Concen: 54.115 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.006 min
 Lab File: VY010106.D
 Acq: 19 Aug 2022 16:17

Tgt Ion: 98 Resp: 22373
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.9 77.9

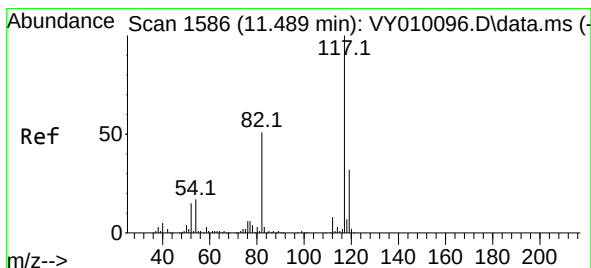
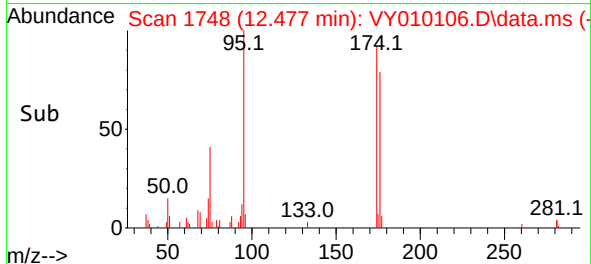
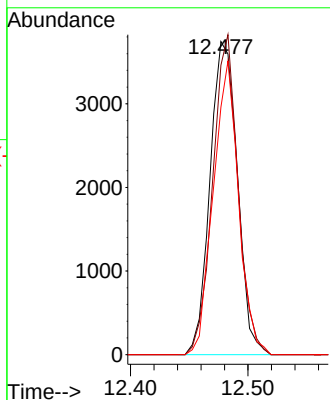
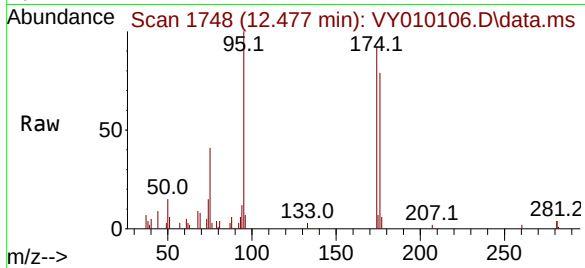




#62
4-Bromofluorobenzene
Concen: 41.004 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010106.D
Acq: 19 Aug 2022 16:17

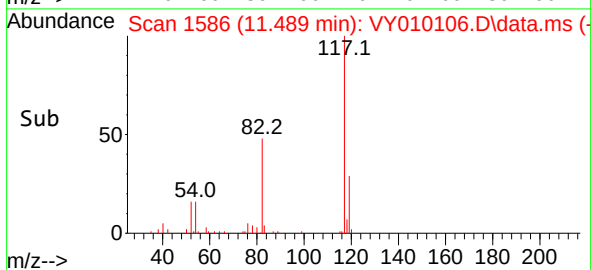
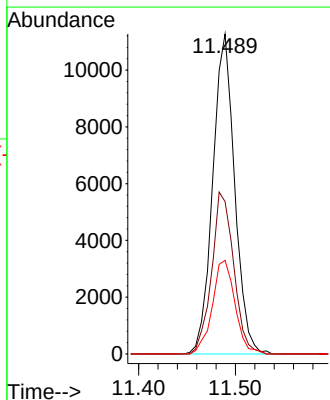
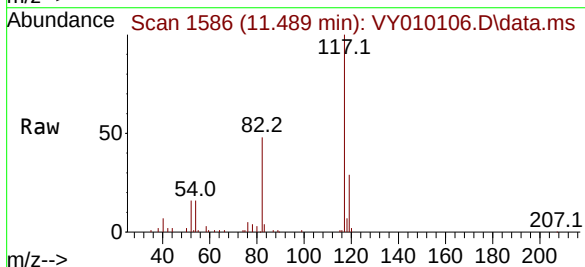
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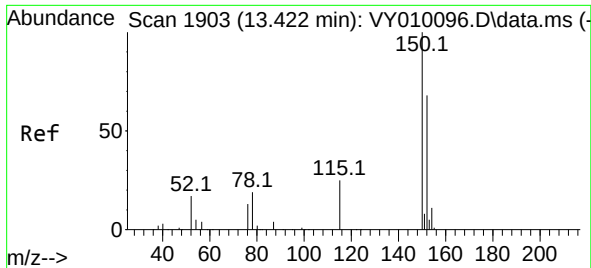
Tgt Ion: 95 Resp: 6057
Ion Ratio Lower Upper
95 100
174 94.7 0.0 173.8
176 86.9 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010106.D
Acq: 19 Aug 2022 16:17

Tgt Ion: 117 Resp: 17728
Ion Ratio Lower Upper
117 100
82 47.6 40.6 61.0
119 29.2 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: VY010106.D

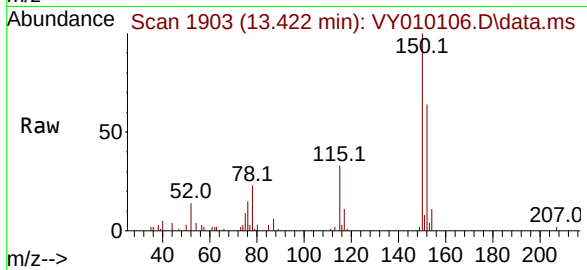
Acq: 19 Aug 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-357



Tgt Ion:152 Resp: 6589

Ion Ratio Lower Upper

152 100

115 53.3 28.1 84.2

150 156.1 0.0 346.2

