

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071422\
 Data File : VY009564.D
 Acq On : 14 Jul 2022 15:14
 Operator : KP/MD
 Sample : N3687-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-346

Quant Time: Jul 14 16:42:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

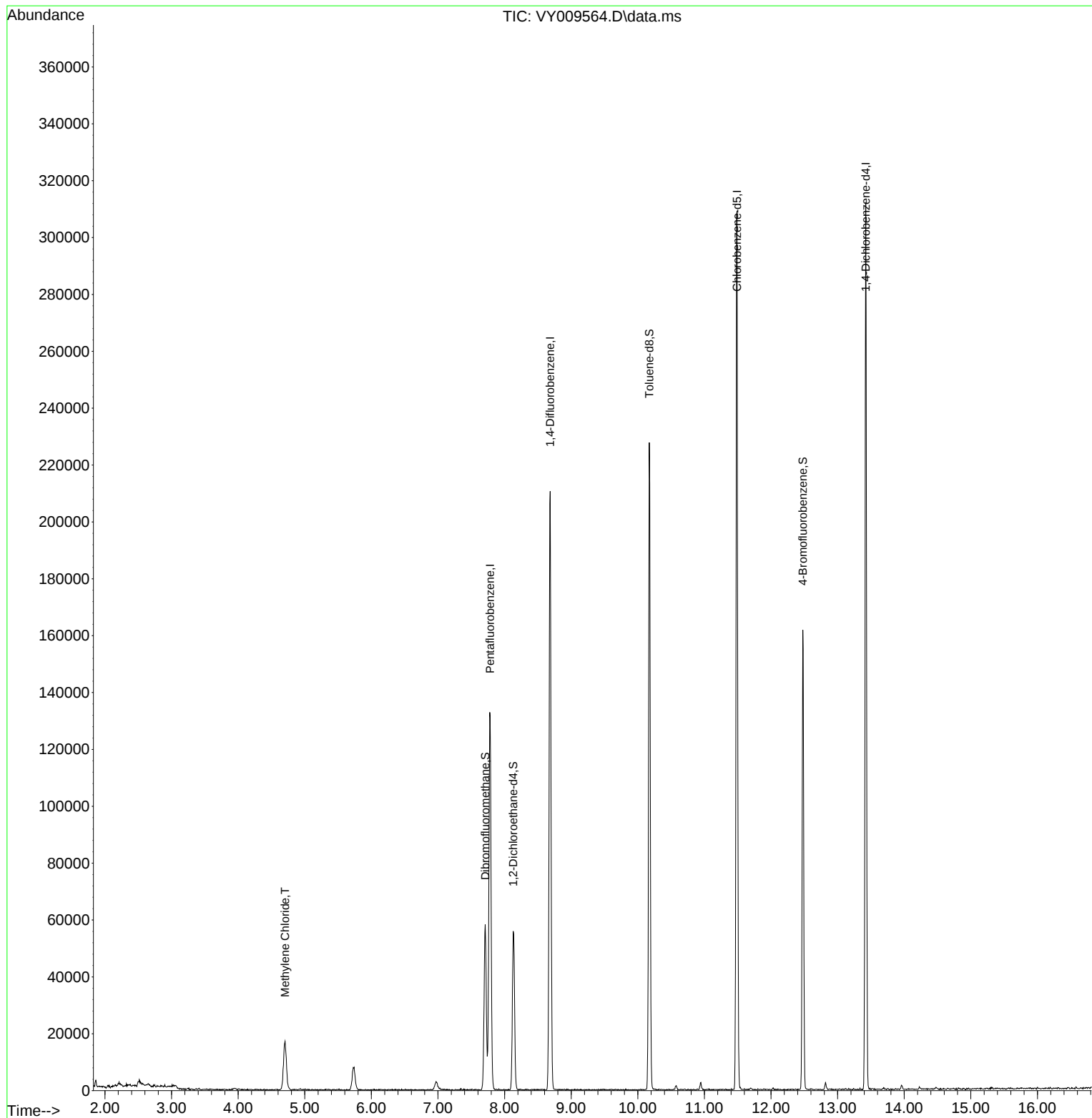
Internal Standards						
1) Pentafluorobenzene	7.783	168	105646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	179138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44436	61.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.320%
35) Dibromofluoromethane	7.710	113	39675	42.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.180%
50) Toluene-d8	10.173	98	144448	57.038	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	114.080%
62) 4-Bromofluorobenzene	12.477	95	46914	35.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	70.520%
Target Compounds						
20) Methylene Chloride	4.704	84	12406	6.040	ug/l	87

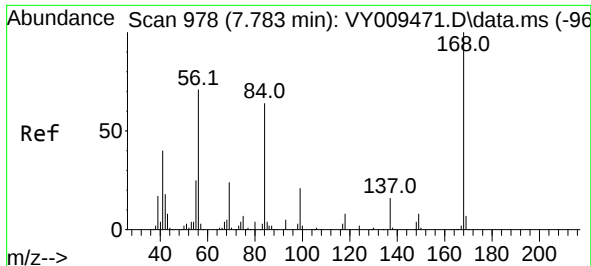
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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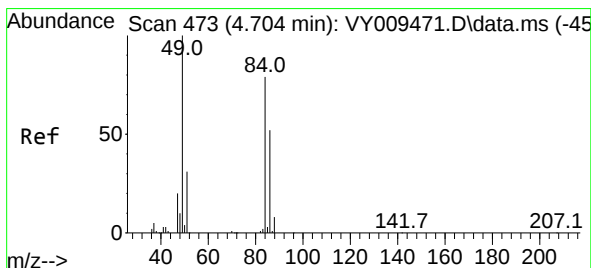
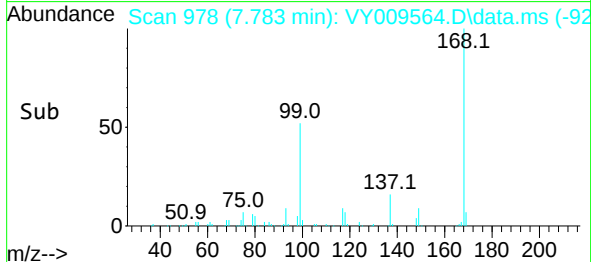
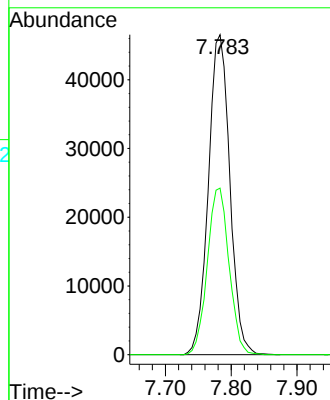
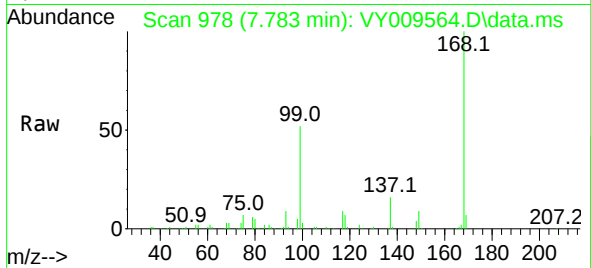




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009564.D
Acq: 14 Jul 2022 15:14

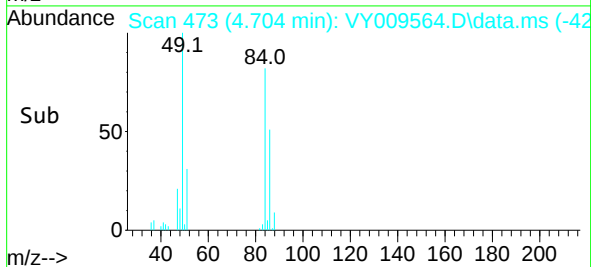
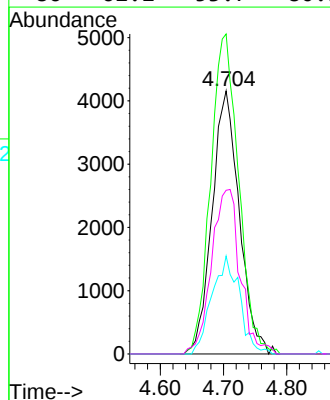
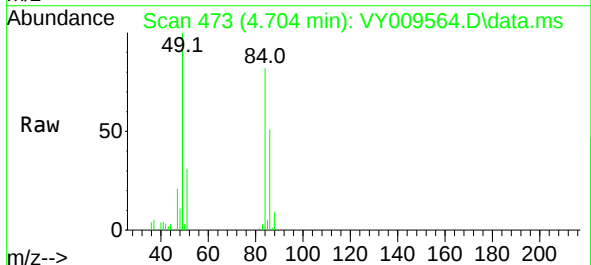
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346

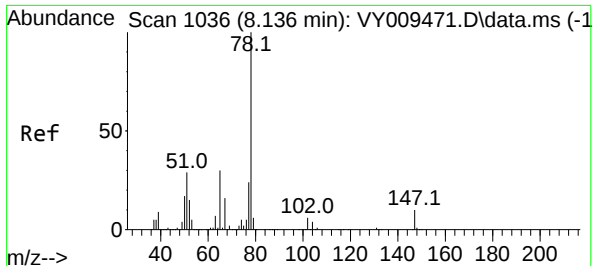
Tgt Ion:168 Resp: 105646
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#20
Methylene Chloride
Concen: 6.040 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009564.D
Acq: 14 Jul 2022 15:14

Tgt Ion: 84 Resp: 12406
Ion Ratio Lower Upper
84 100
49 121.6 114.4 171.6
51 37.2 35.3 52.9
86 62.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 61.156 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY009564.D

Acq: 14 Jul 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

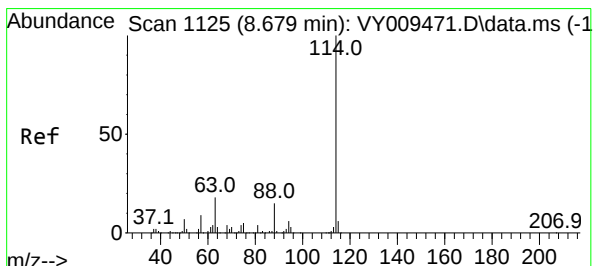
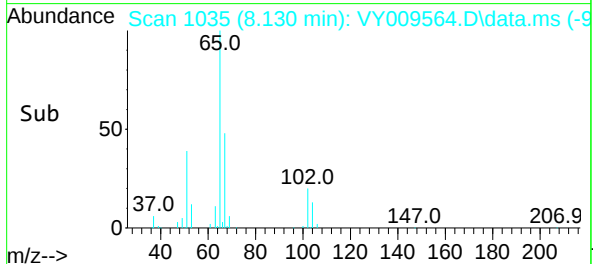
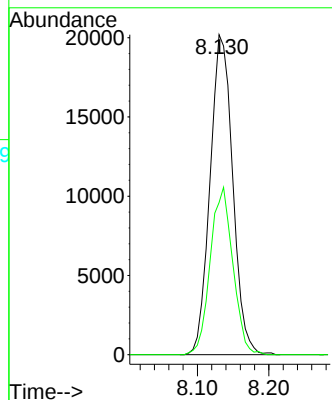
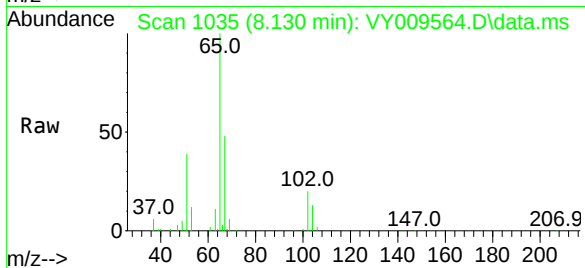
ETGI-346

Tgt Ion: 65 Resp: 44436

Ion Ratio Lower Upper

65 100

67 52.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009564.D

Acq: 14 Jul 2022 15:14

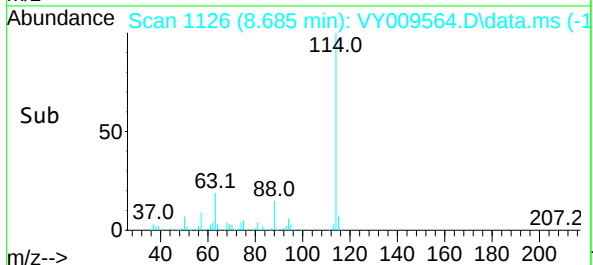
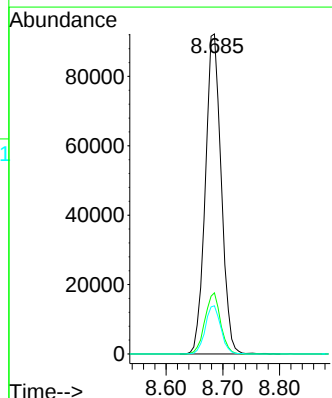
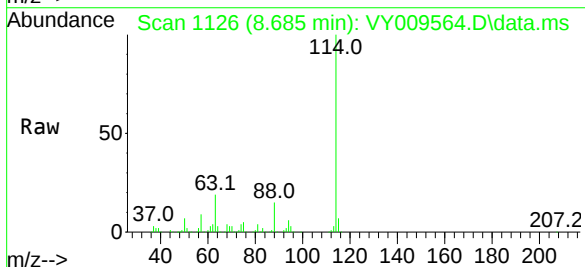
Tgt Ion:114 Resp: 179138

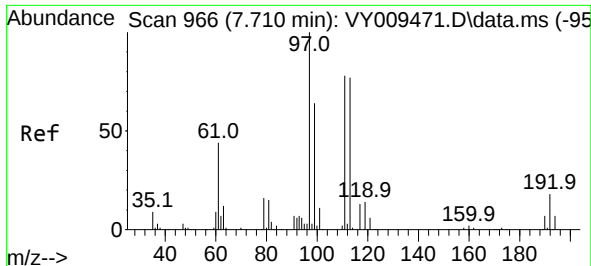
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 42.092 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY009564.D

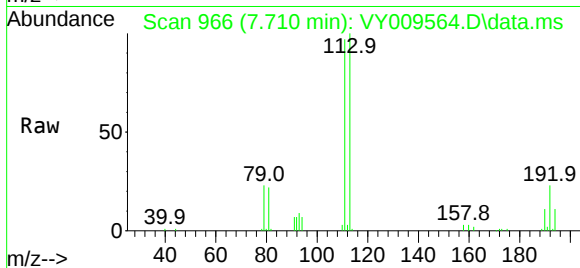
Acq: 14 Jul 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-346



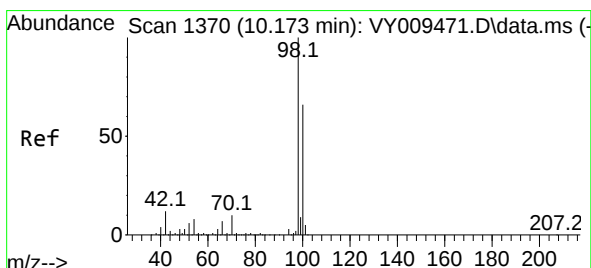
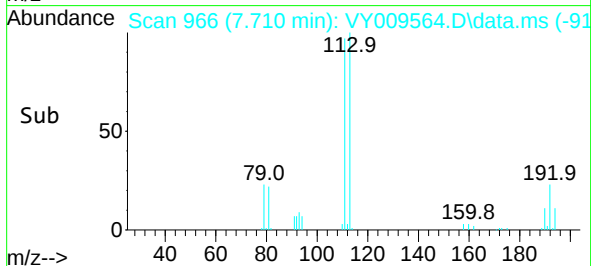
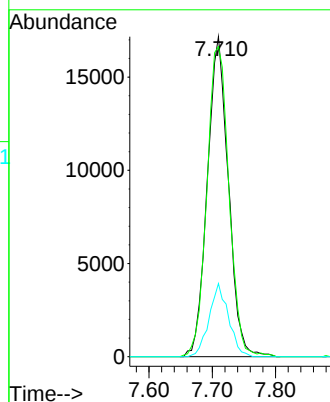
Tgt Ion:113 Resp: 39675

Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 21.0 17.6 26.4



#50

Toluene-d8

Concen: 57.038 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009564.D

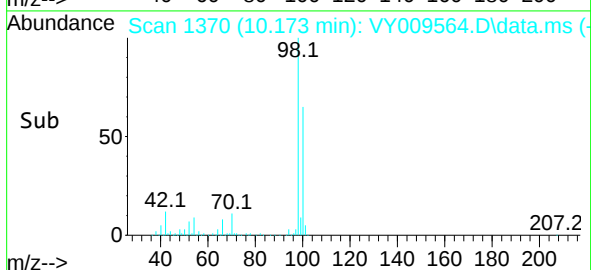
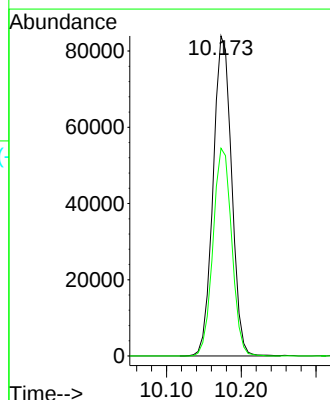
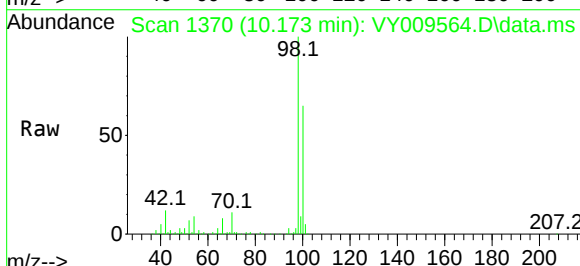
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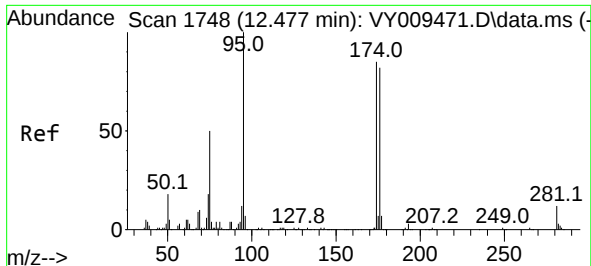
Tgt Ion: 98 Resp: 144448

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

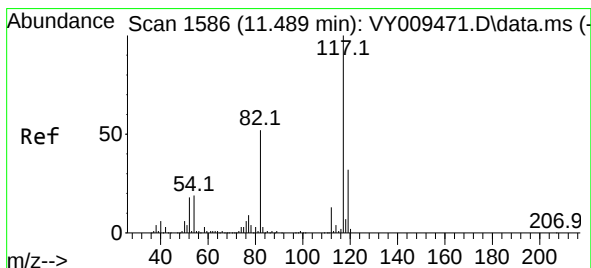
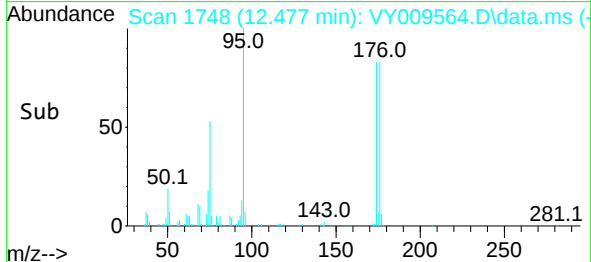
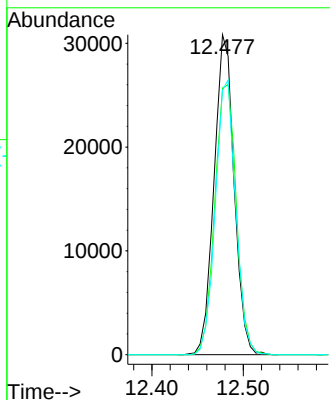
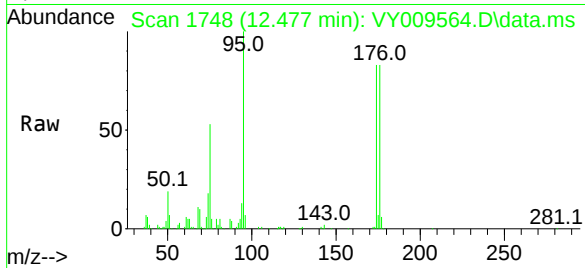




#62
4-Bromofluorobenzene
Concen: 35.260 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009564.D
Acq: 14 Jul 2022 15:14

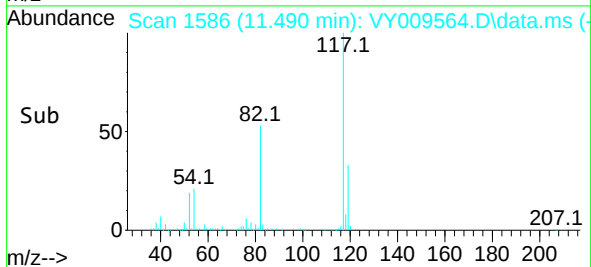
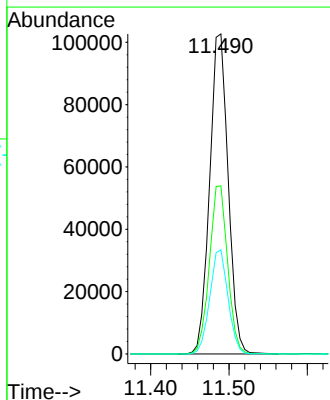
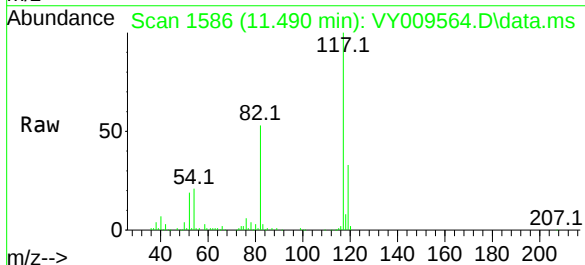
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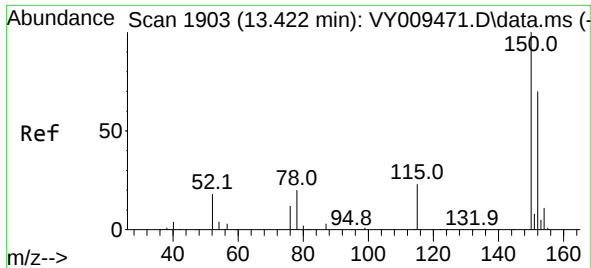
Tgt Ion: 95 Resp: 46914
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 87.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009564.D
Acq: 14 Jul 2022 15:14

Tgt Ion: 117 Resp: 168515
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009564.D

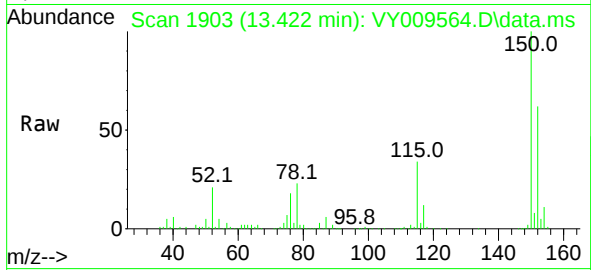
Acq: 14 Jul 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-346



Tgt Ion:152 Resp: 77454

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 160.0 0.0 347.6

