

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017314.D
 Acq On : 08 Feb 2024 15:46
 Operator : SY/MD
 Sample : P1390-01
 Misc : 4.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-357

Quant Time: Feb 09 00:13:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

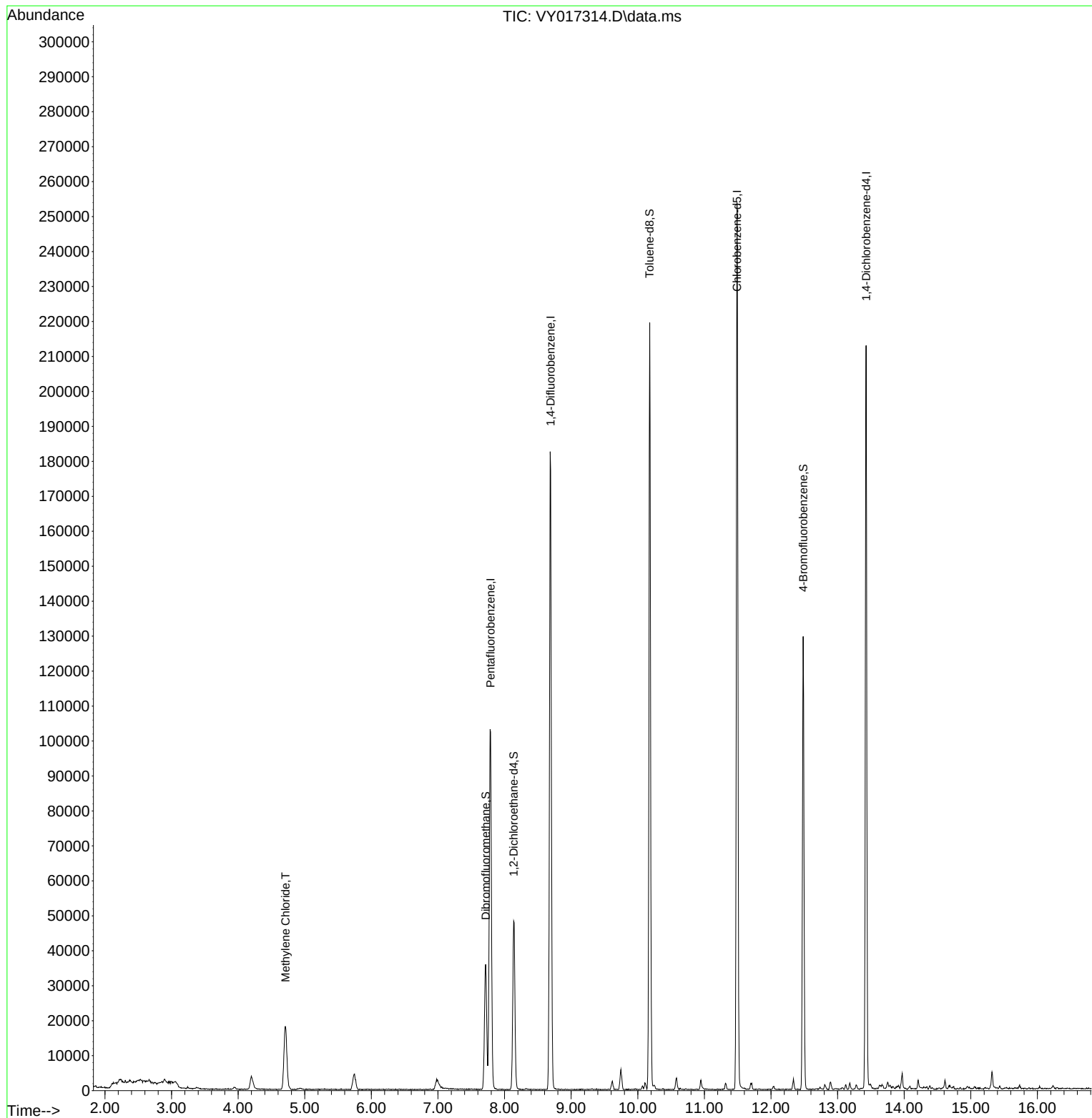
Internal Standards						
1) Pentafluorobenzene	7.789	168	77229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	134132	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	50150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	37449	54.280	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.560%	
35) Dibromofluoromethane	7.716	113	25624	30.997	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 62.000%	
50) Toluene-d8	10.179	98	135034	44.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.720%	
62) 4-Bromofluorobenzene	12.483	95	36798	37.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 74.640%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	13465	13.667	ug/l	95

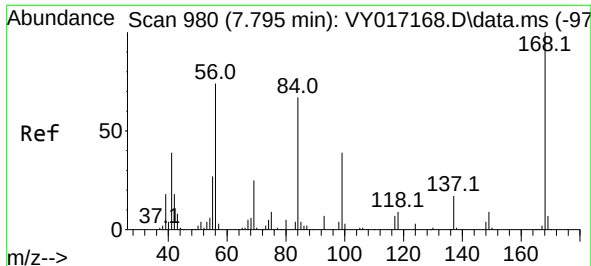
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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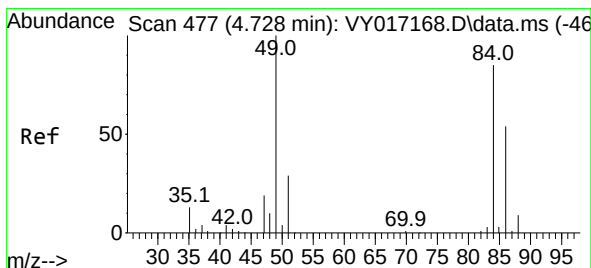
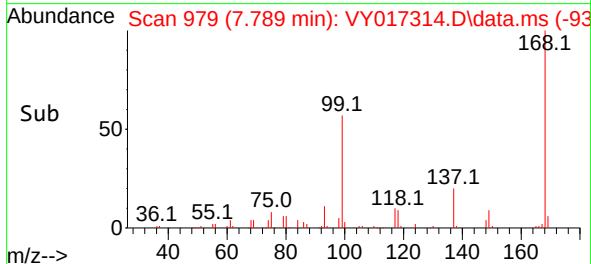
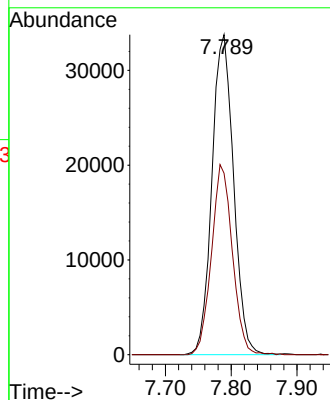
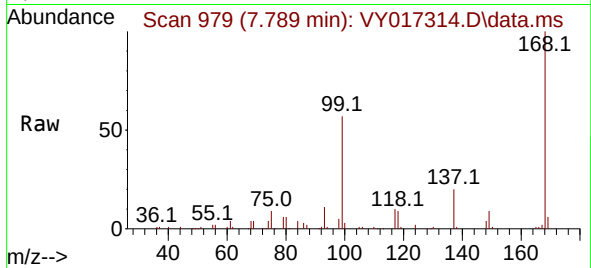




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

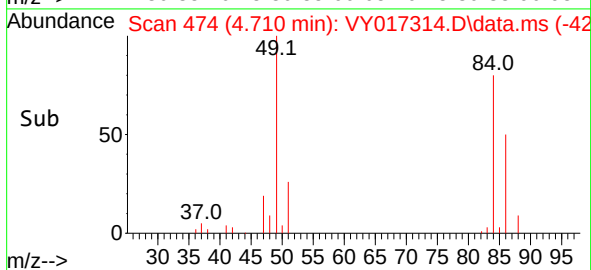
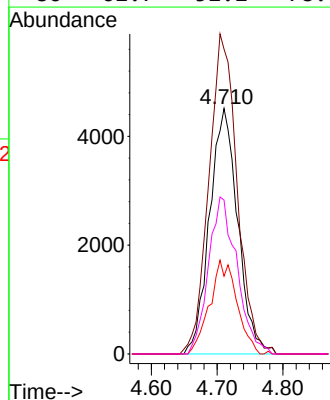
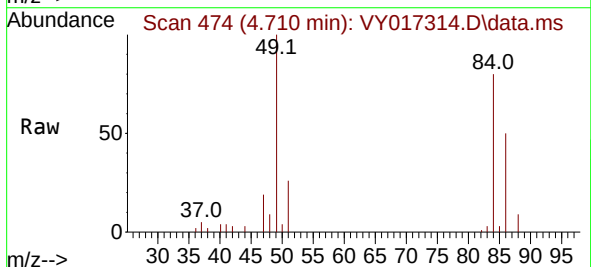
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-357

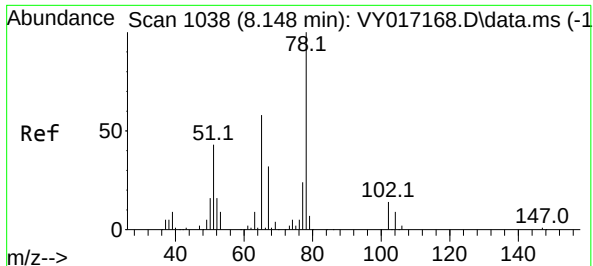
Tgt Ion:168 Resp: 77229
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#20
Methylene Chloride
Concen: 13.667 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

Tgt Ion: 84 Resp: 13465
Ion Ratio Lower Upper
84 100
49 124.2 95.2 142.8
51 31.7 29.9 44.9
86 62.7 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 54.280 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY017314.D

Acq: 08 Feb 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

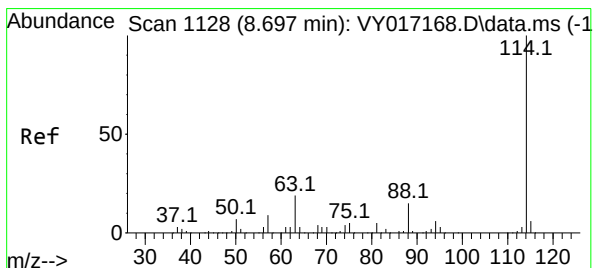
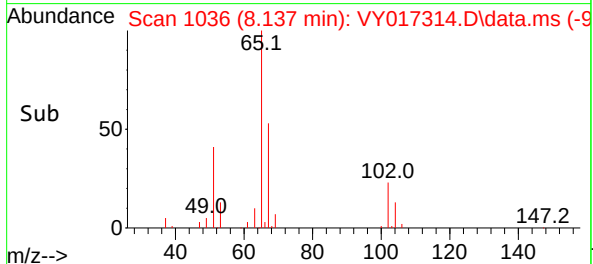
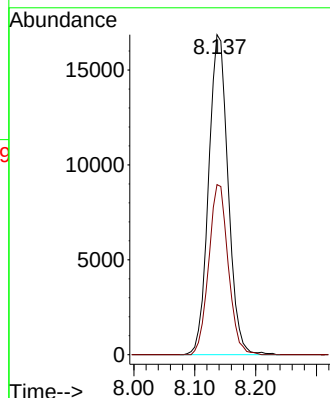
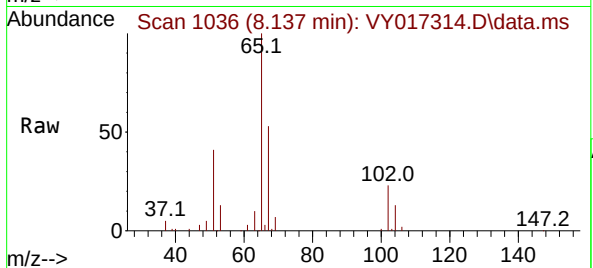
ETGI-357

Tgt Ion: 65 Resp: 37449

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017314.D

Acq: 08 Feb 2024 15:46

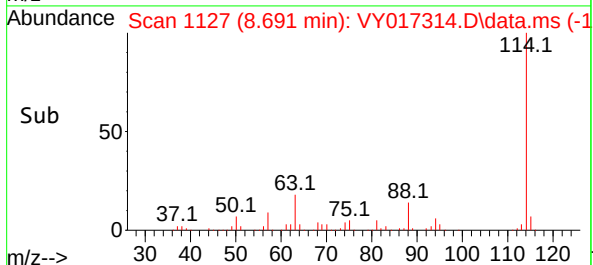
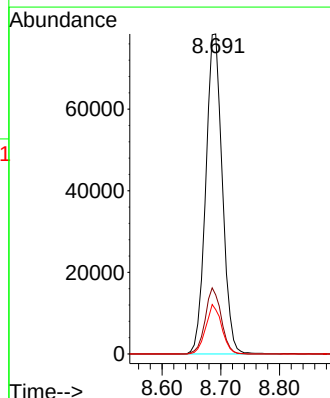
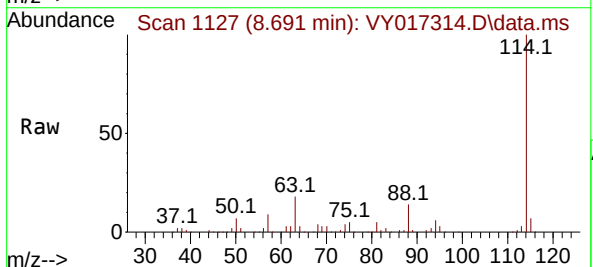
Tgt Ion: 114 Resp: 153105

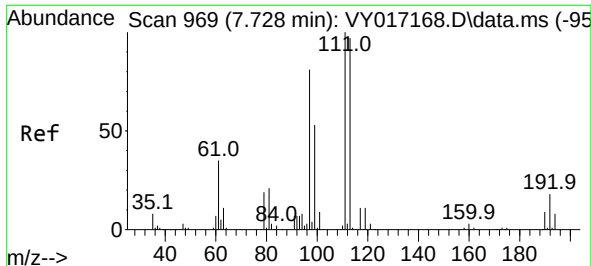
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 13.8 0.0 29.0

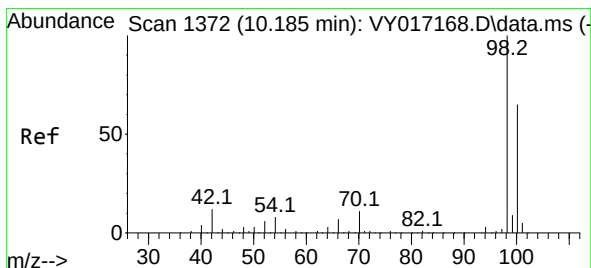
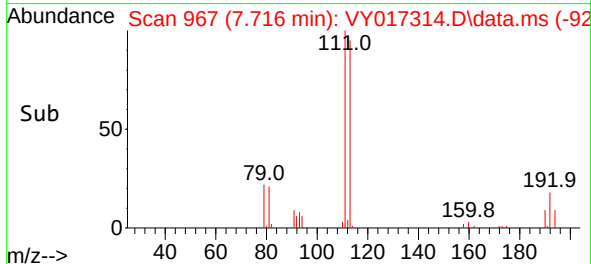
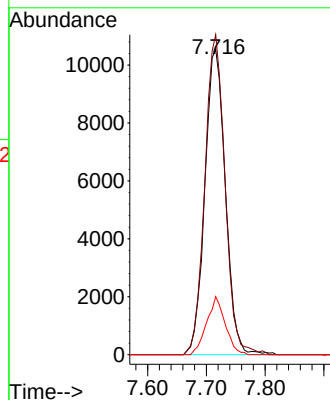
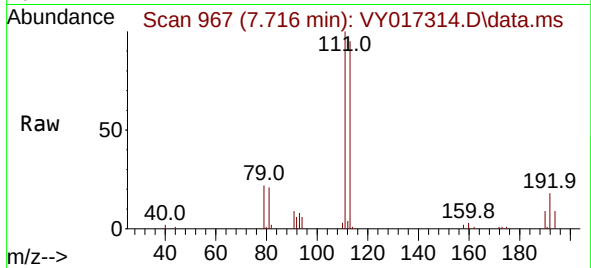




#35
Dibromofluoromethane
Concen: 30.997 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

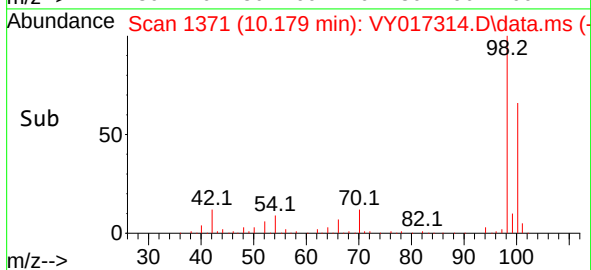
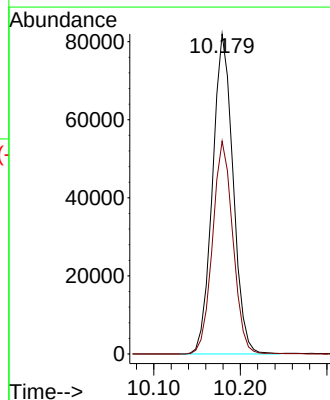
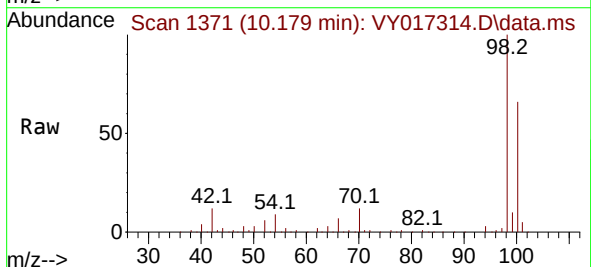
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-357

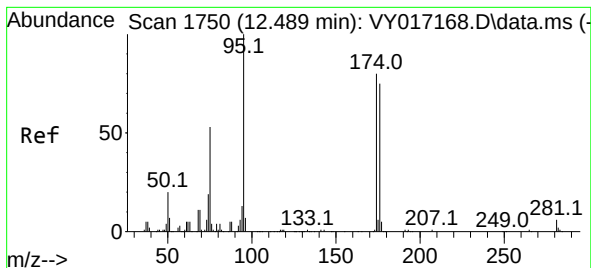
Tgt Ion:113 Resp: 25624
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 17.2 14.5 21.7



#50
Toluene-d8
Concen: 44.864 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

Tgt Ion: 98 Resp: 135034
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

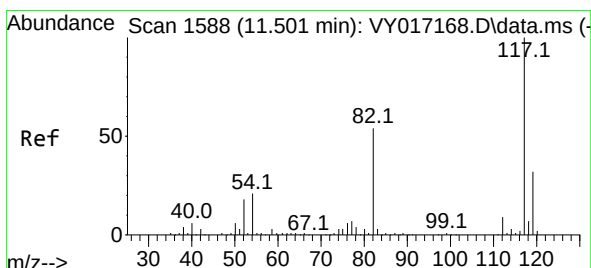
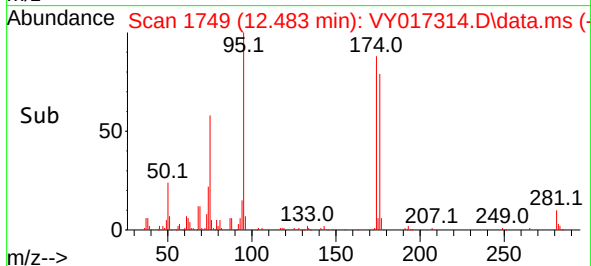
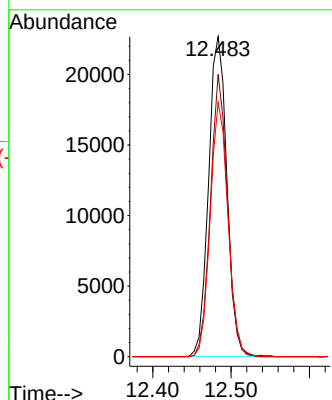
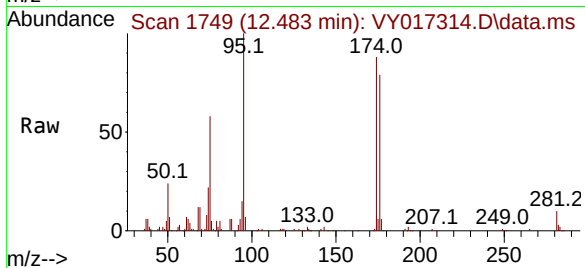




#62
4-Bromofluorobenzene
Concen: 37.322 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

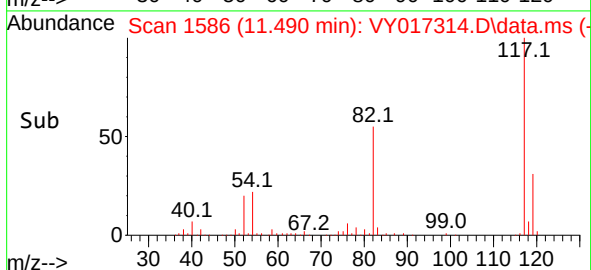
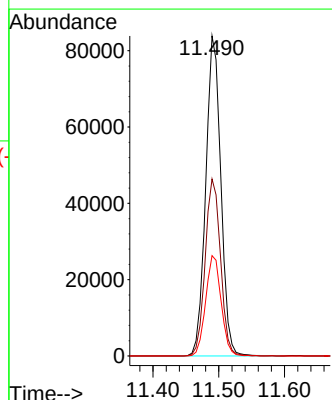
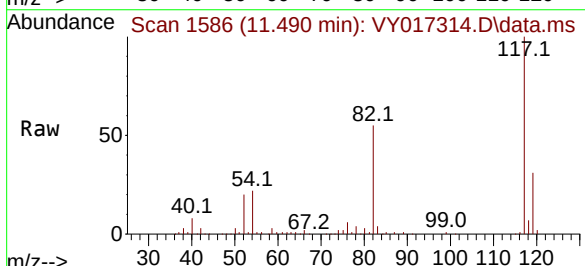
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MSVOA_Y
ClientSampleId :
ETGI-357

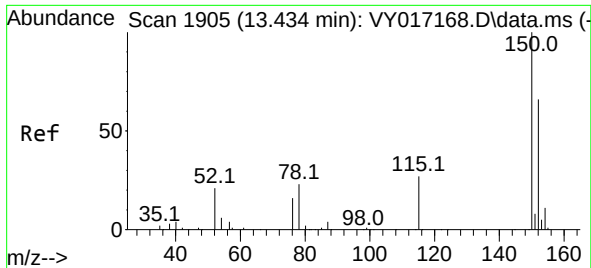
Tgt Ion: 95 Resp: 36798
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.0
176 76.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY017314.D
Acq: 08 Feb 2024 15:46

Tgt Ion: 117 Resp: 134132
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017314.D

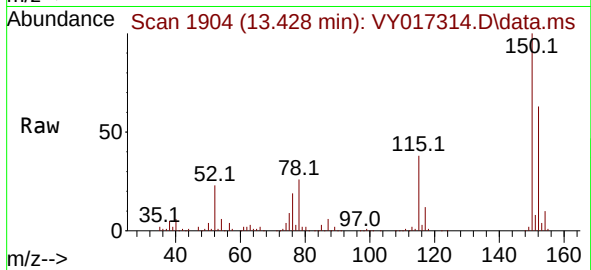
Acq: 08 Feb 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-357



Tgt Ion:152 Resp: 50150

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 159.3 0.0 344.6

