

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016483.D
 Acq On : 24 Nov 2023 14:42
 Operator : SY/MD
 Sample : 05516-03
 Misc : 4.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-343

Quant Time: Nov 27 04:46:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

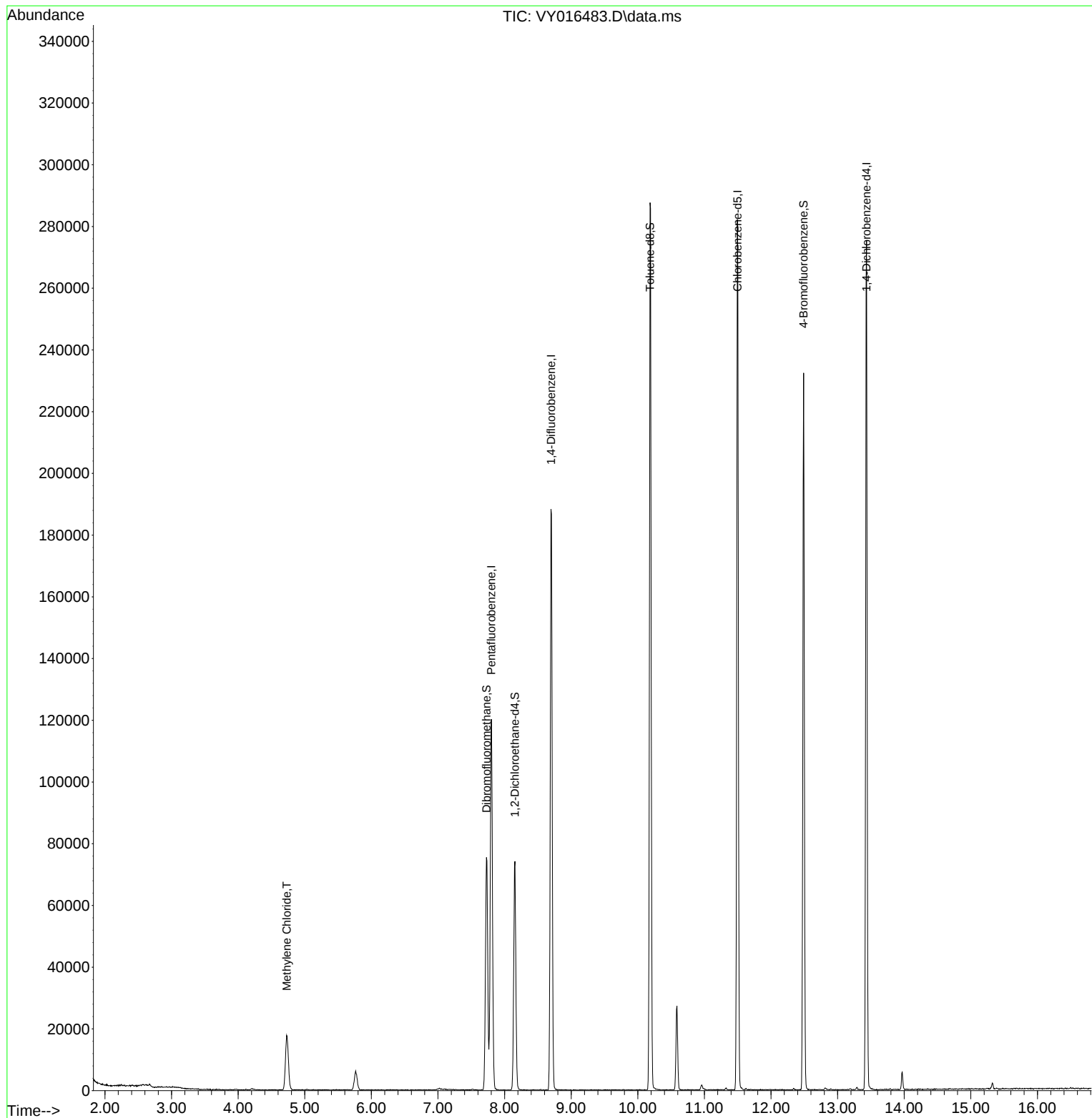
Internal Standards						
1) Pentafluorobenzene	7.801	168	98997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	166625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59183	65.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.820%	
35) Dibromofluoromethane	7.728	113	55253	56.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.260%	
50) Toluene-d8	10.185	98	201013	50.807	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.489	95	68516	53.320	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.640%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	14841	11.346	ug/l #	82

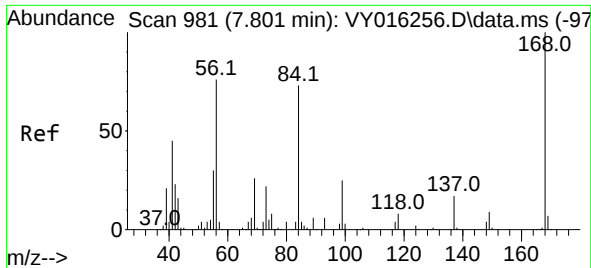
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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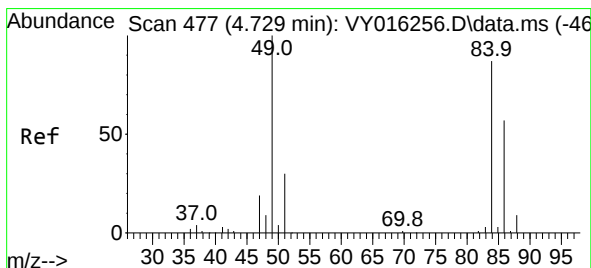
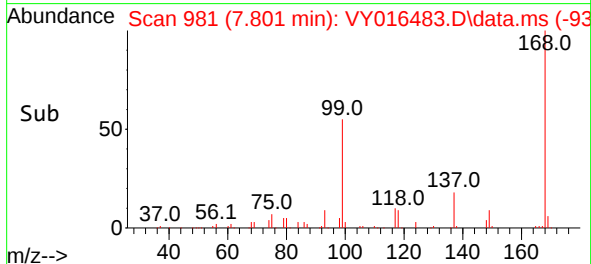
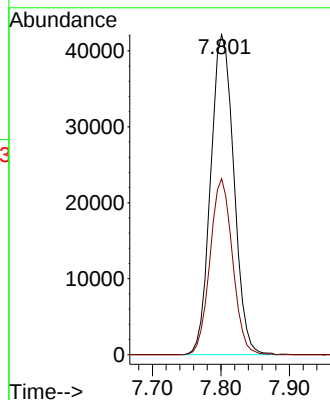
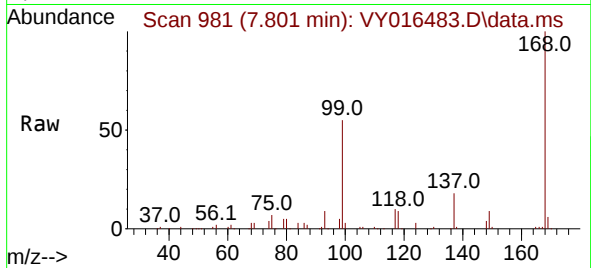




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016483.D
Acq: 24 Nov 2023 14:42

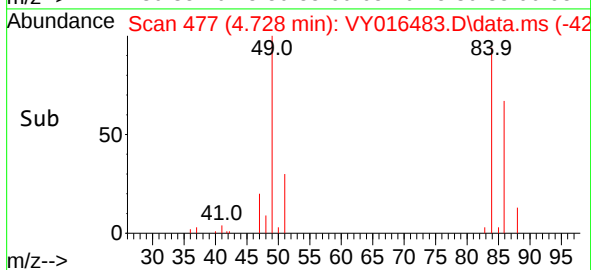
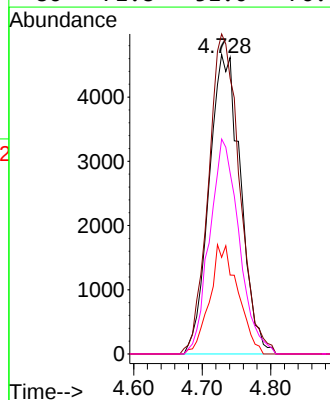
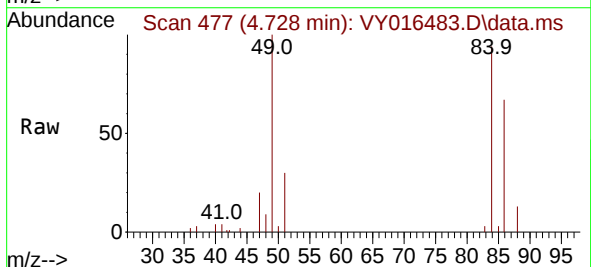
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343

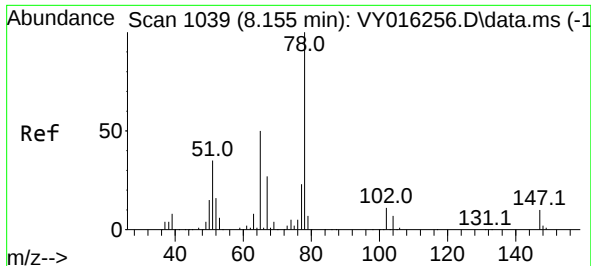
Tgt Ion:168 Resp: 98997
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#20
Methylene Chloride
Concen: 11.346 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016483.D
Acq: 24 Nov 2023 14:42

Tgt Ion: 84 Resp: 14841
Ion Ratio Lower Upper
84 100
49 106.9 106.9 160.3
51 32.3 33.2 49.8#
86 71.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 65.410 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016483.D

Acq: 24 Nov 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

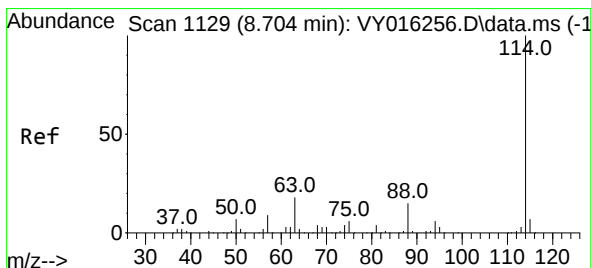
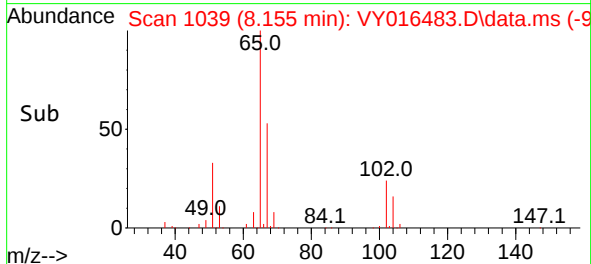
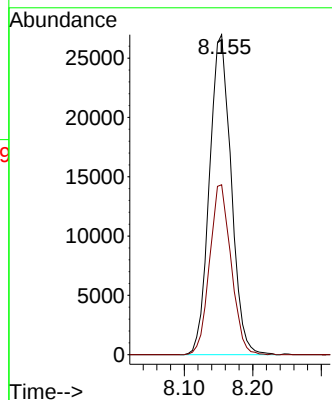
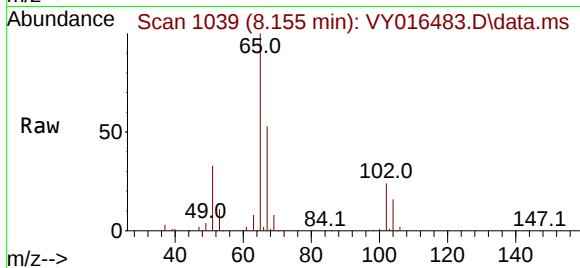
ETGI-343

Tgt Ion: 65 Resp: 59183

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016483.D

Acq: 24 Nov 2023 14:42

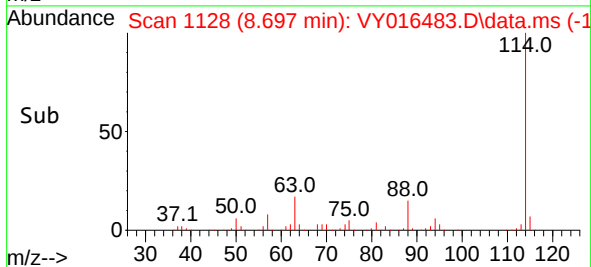
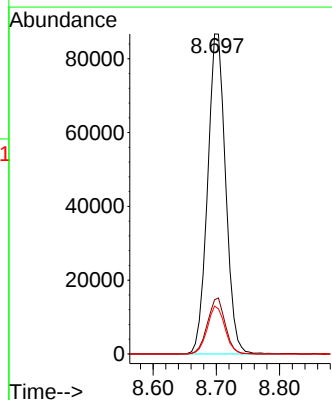
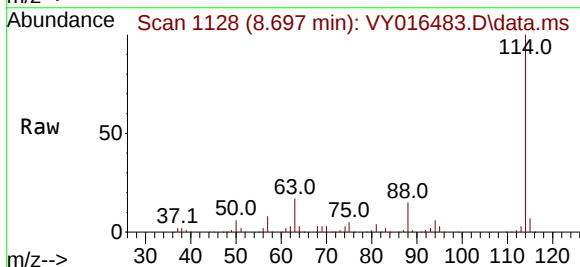
Tgt Ion: 114 Resp: 171749

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 15.0 0.0 30.6

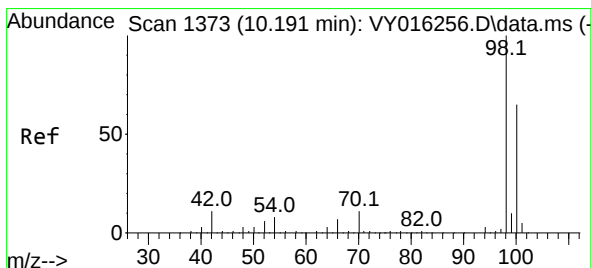
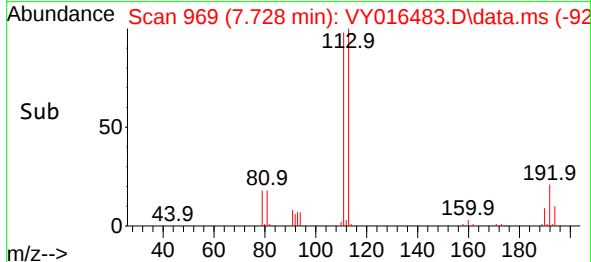
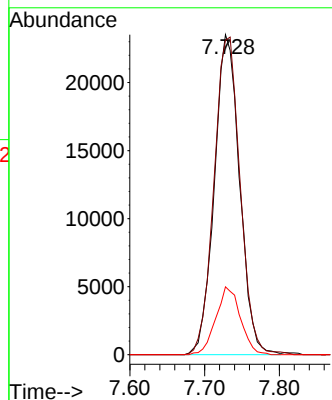
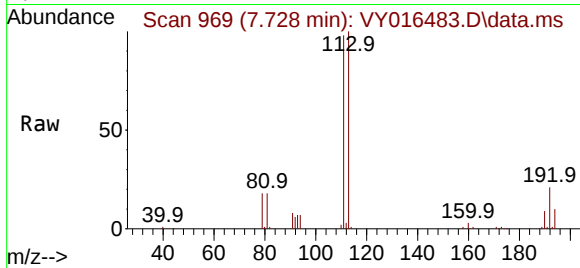




#35
Dibromofluoromethane
Concen: 56.632 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016483.D
Acq: 24 Nov 2023 14:42

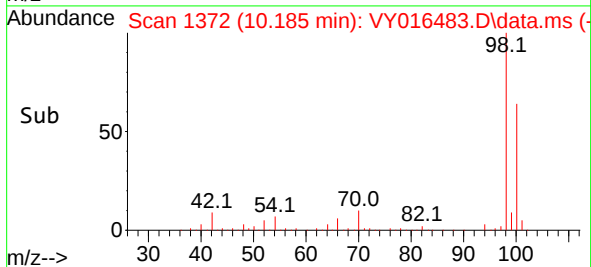
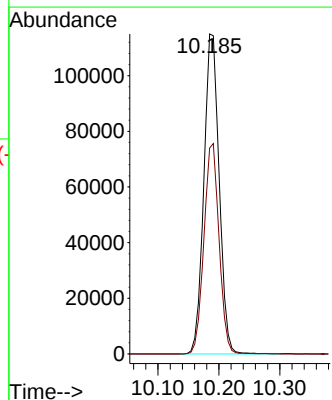
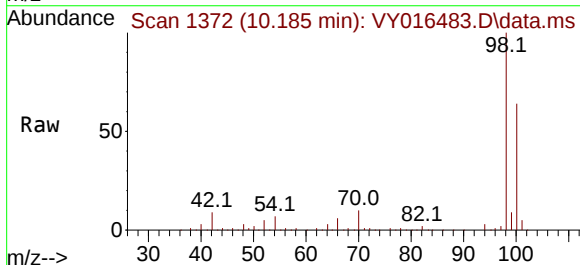
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343

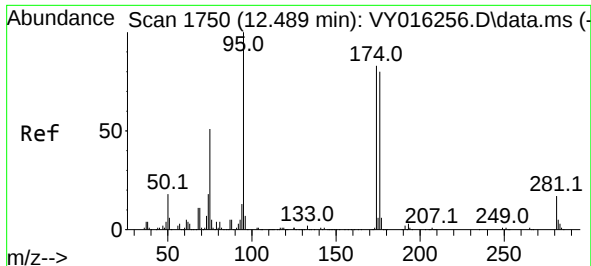
Tgt Ion:113 Resp: 55253
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 20.6 16.9 25.3



#50
Toluene-d8
Concen: 50.807 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016483.D
Acq: 24 Nov 2023 14:42

Tgt Ion: 98 Resp: 201013
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

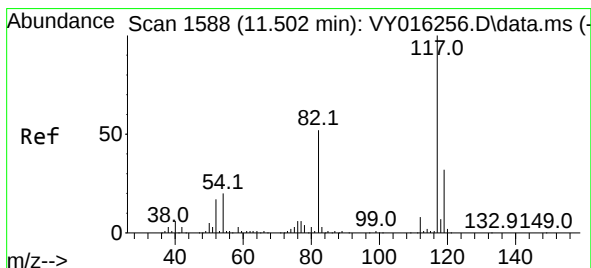
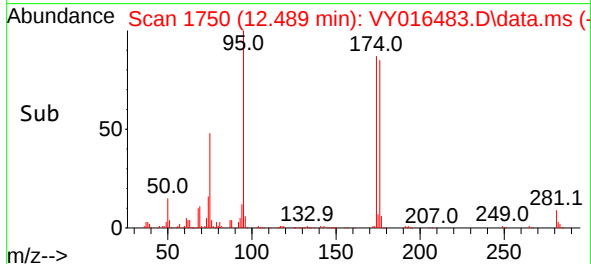
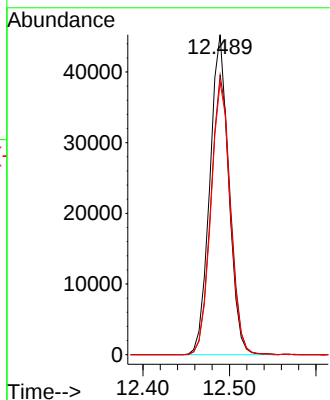
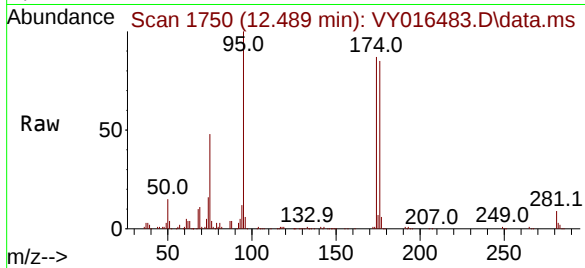




#62
4-Bromofluorobenzene
Concen: 53.320 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016483.D
Acq: 24 Nov 2023 14:42

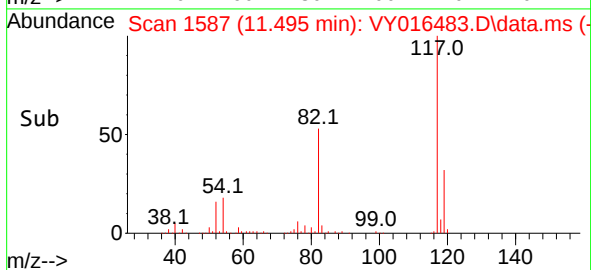
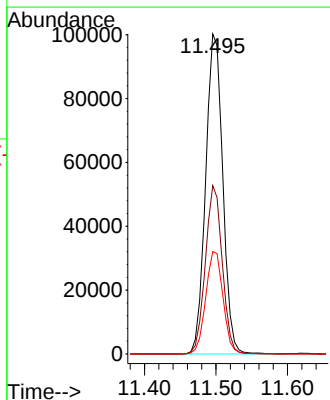
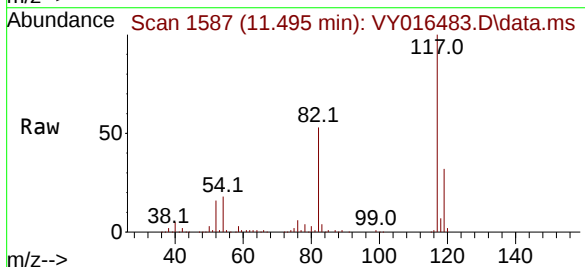
Instrument :
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ClientSampleId :
ETGI-343

Tgt Ion: 95 Resp: 68516
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 87.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016483.D
Acq: 24 Nov 2023 14:42

Tgt Ion: 117 Resp: 166625
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016483.D

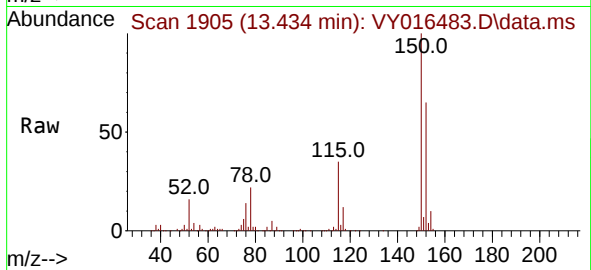
Acq: 24 Nov 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-343



Tgt Ion:152 Resp: 75977

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 155.6 0.0 348.8

