

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013599.D
 Acq On : 04 May 2023 14:52
 Operator : KP/MD
 Sample : 02598-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-328

Quant Time: May 05 00:59:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

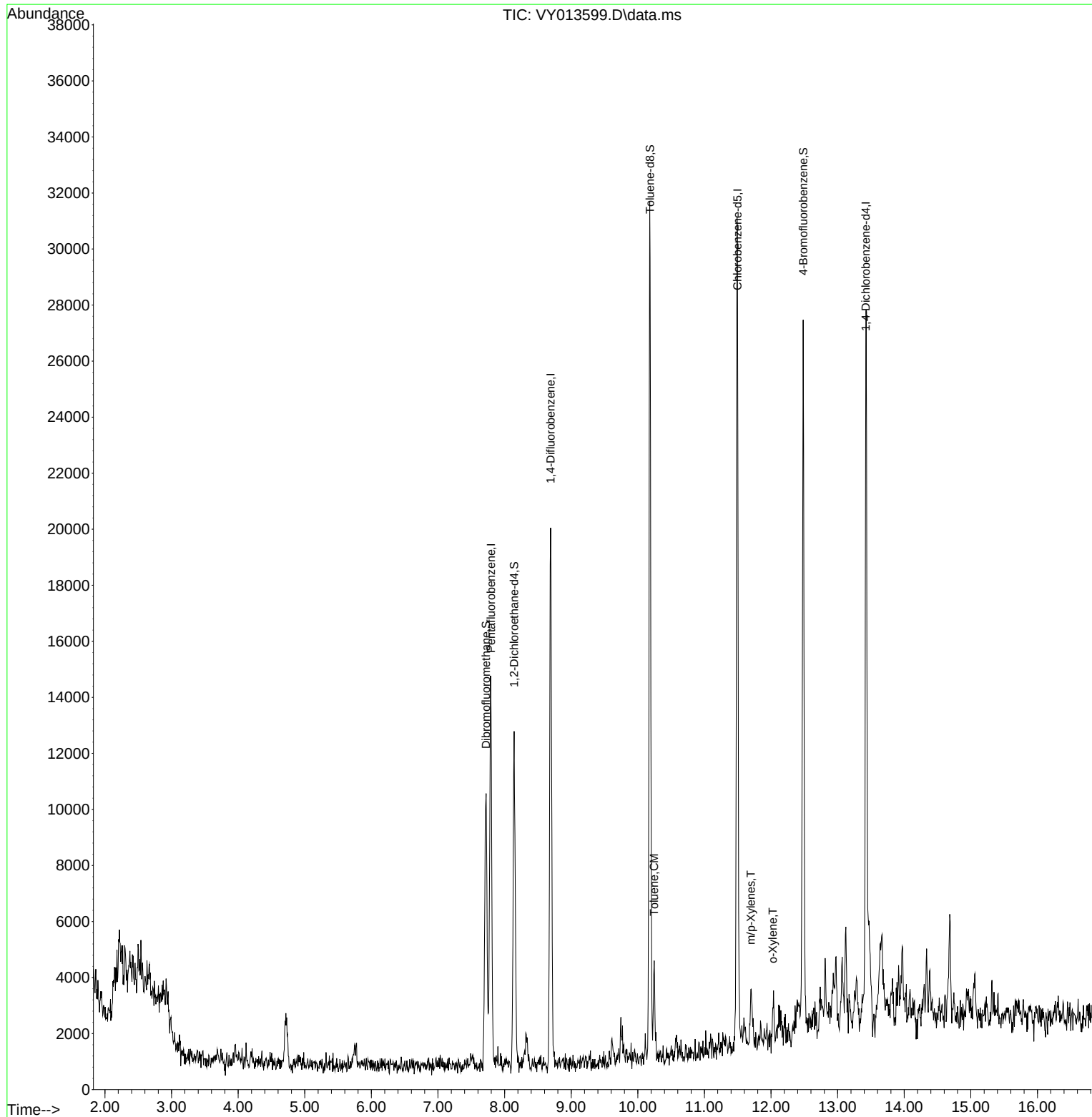
Internal Standards						
1) Pentafluorobenzene	7.795	168	10270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	16559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	16757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9570	85.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.000%#	
35) Dibromofluoromethane	7.722	113	7085	68.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.060%	
50) Toluene-d8	10.185	98	19792	53.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	12.483	95	6907	55.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.600%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	553	Below Cal	#	42
52) Toluene	10.246	92	1437	4.904	ug/l	98
68) m/p-Xylenes	11.697	106	462	1.896	ug/l #	11
69) o-Xylene	12.026	106	508	2.204	ug/l	82

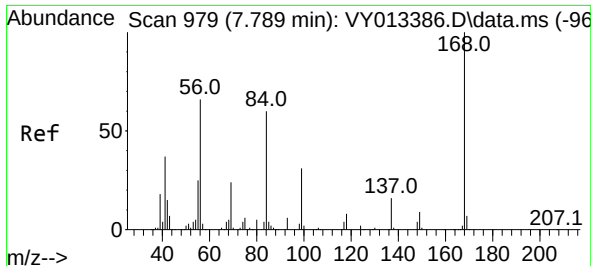
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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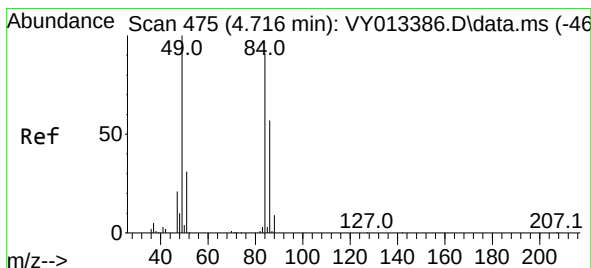
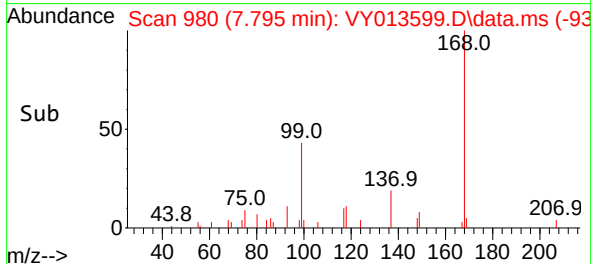
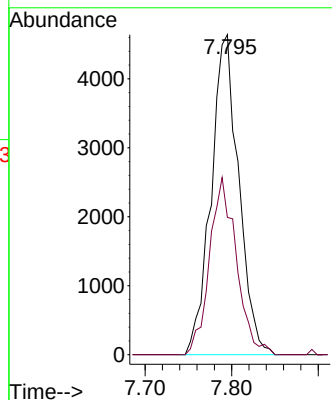
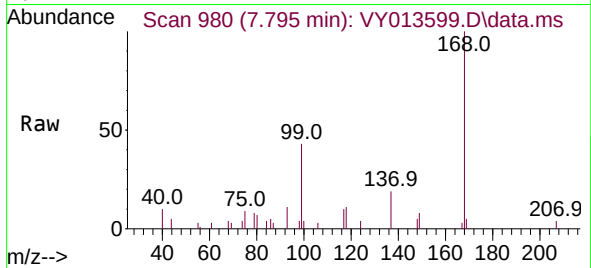




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013599.D
Acq: 04 May 2023 14:52

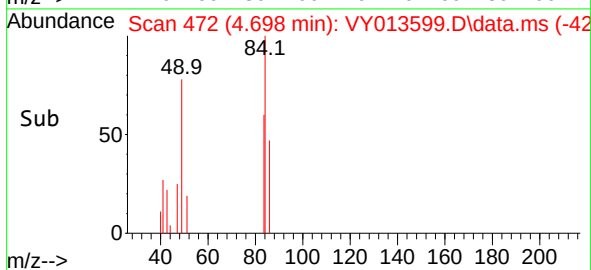
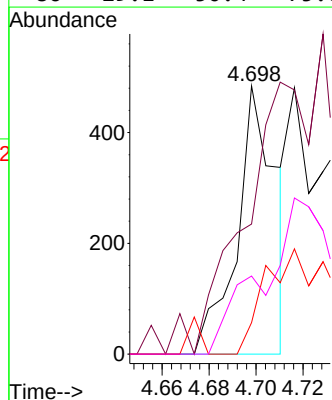
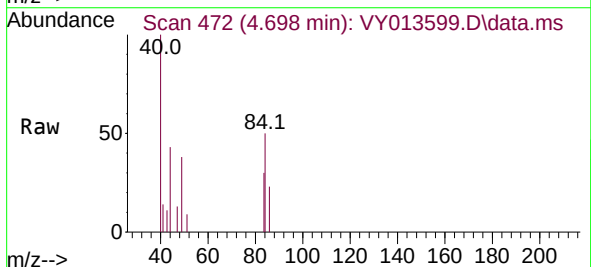
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-328

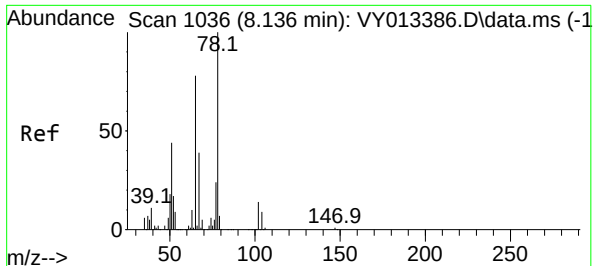
Tgt Ion:168 Resp: 10270
Ion Ratio Lower Upper
168 100
99 42.9 41.8 62.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY013599.D
Acq: 04 May 2023 14:52

Tgt Ion: 84 Resp: 553
Ion Ratio Lower Upper
84 100
49 33.5 88.0 132.0#
51 11.8 27.4 41.0#
86 29.1 50.4 75.6#





#33

1,2-Dichloroethane-d4

Concen: 85.005 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013599.D

Acq: 04 May 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

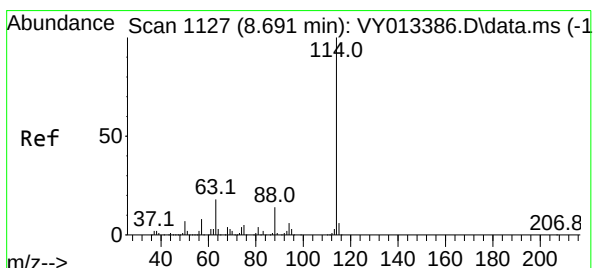
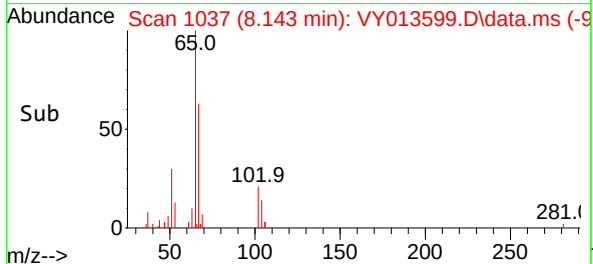
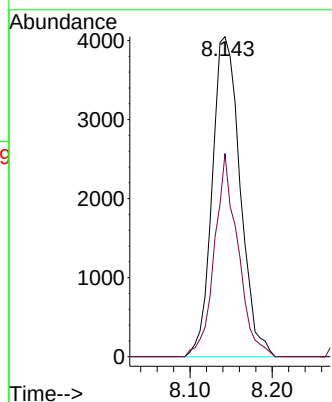
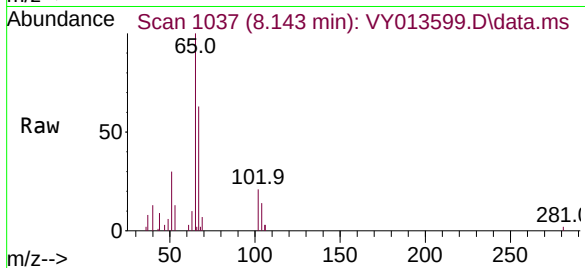
ETGI-328

Tgt Ion: 65 Resp: 9570

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013599.D

Acq: 04 May 2023 14:52

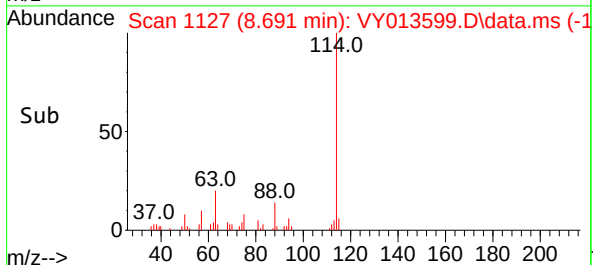
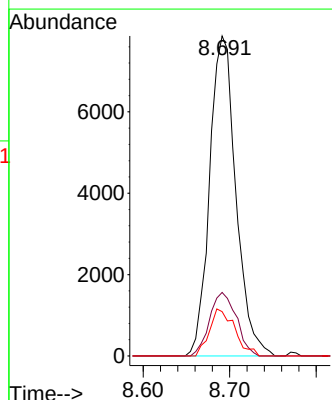
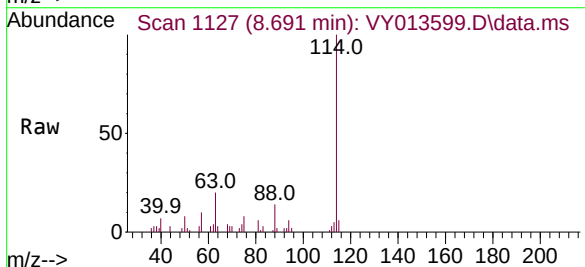
Tgt Ion: 114 Resp: 16559

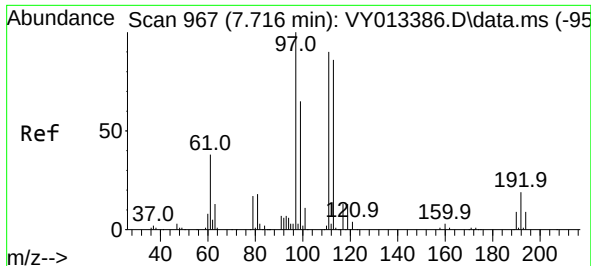
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.6

88 13.9 0.0 28.8

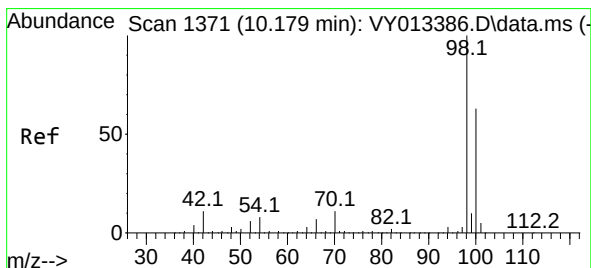
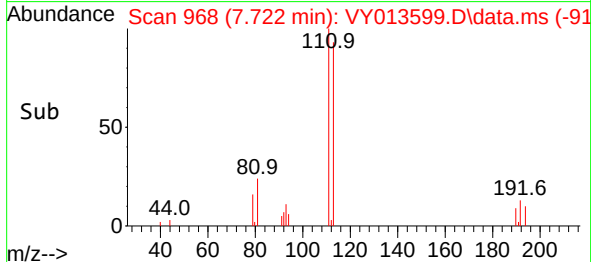
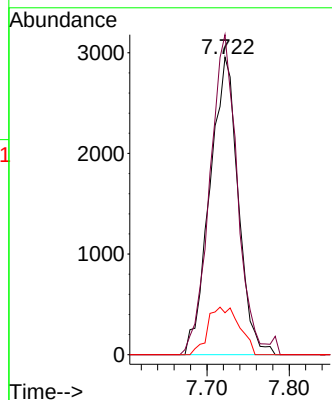
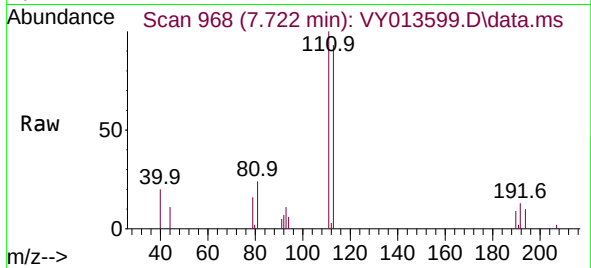




#35
Dibromofluoromethane
Concen: 68.028 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY013599.D
Acq: 04 May 2023 14:52

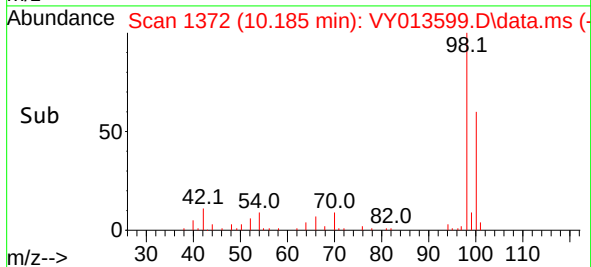
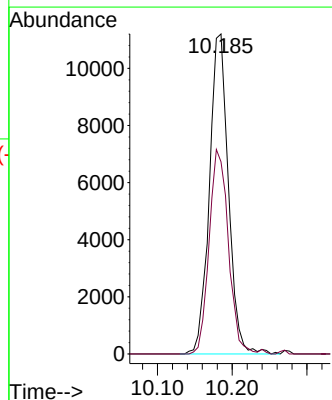
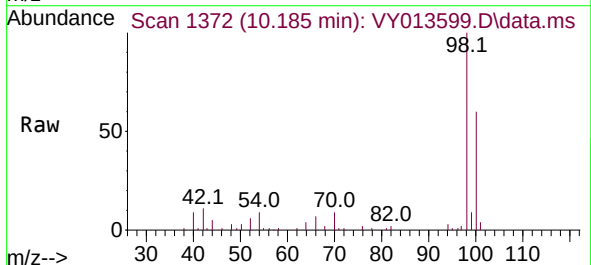
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-328

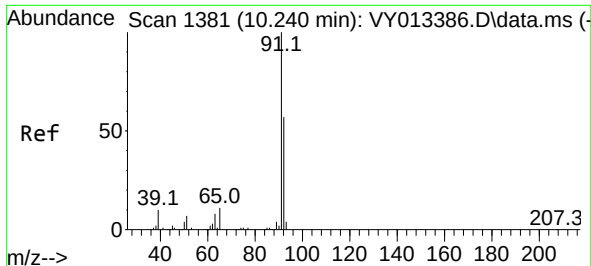
Tgt Ion:113 Resp: 7085
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 17.8 16.7 25.1



#50
Toluene-d8
Concen: 53.420 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY013599.D
Acq: 04 May 2023 14:52

Tgt Ion: 98 Resp: 19792
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7

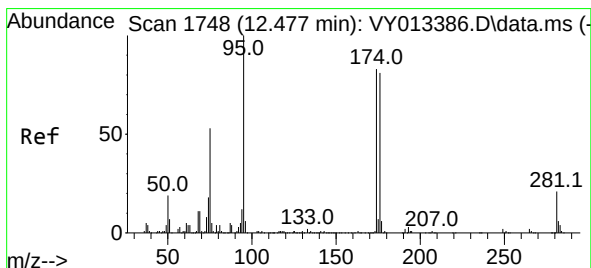
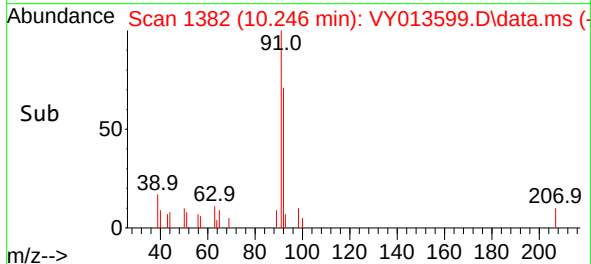
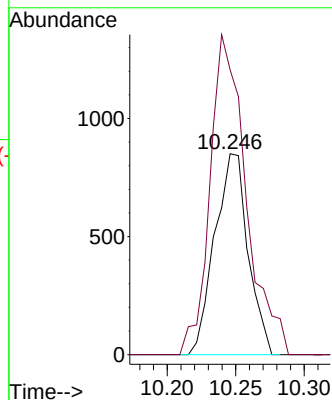
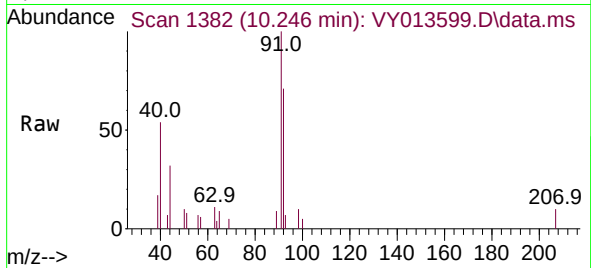




#52
Toluene
Concen: 4.904 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013599.D
Acq: 04 May 2023 14:52

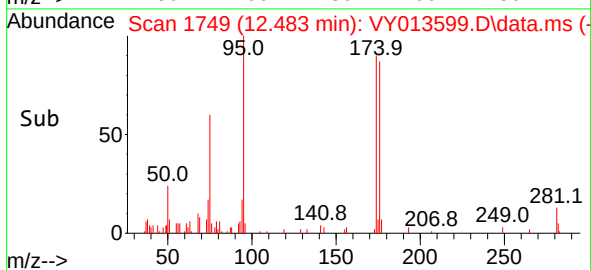
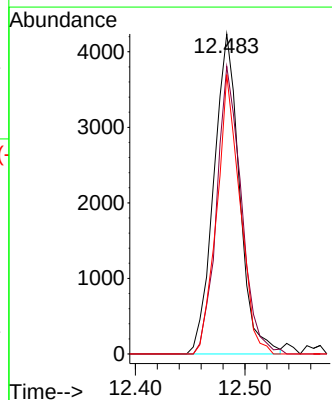
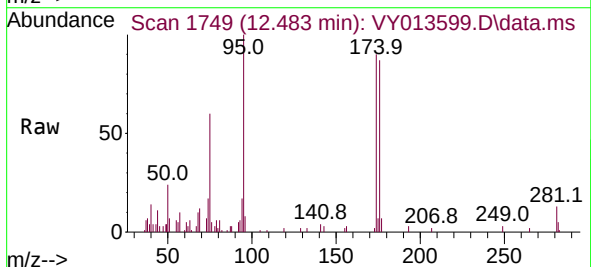
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-328

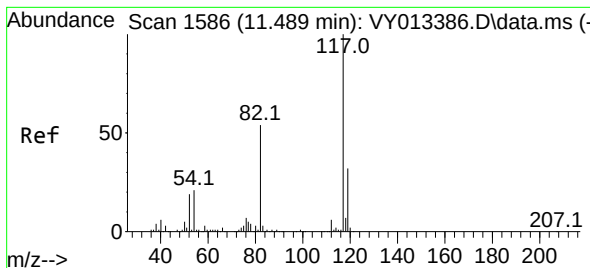
Tgt Ion: 92 Resp: 1437
Ion Ratio Lower Upper
92 100
91 172.6 140.2 210.4



#62
4-Bromofluorobenzene
Concen: 55.298 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013599.D
Acq: 04 May 2023 14:52

Tgt Ion: 95 Resp: 6907
Ion Ratio Lower Upper
95 100
174 86.3 0.0 182.0
176 78.8 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. 0.007 min

Lab File: VY013599.D

Acq: 04 May 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-328

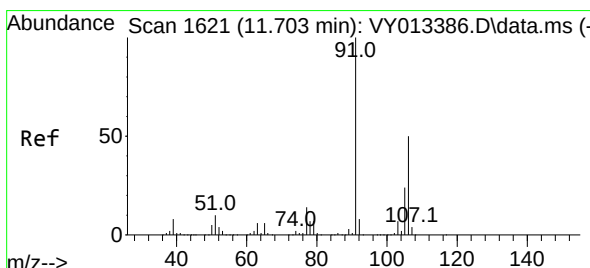
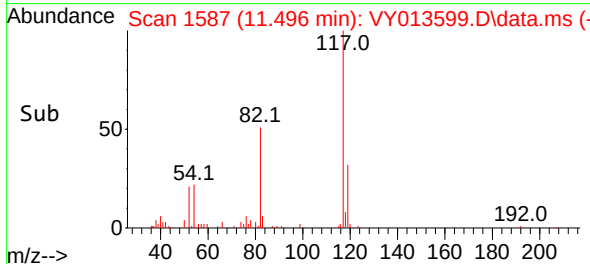
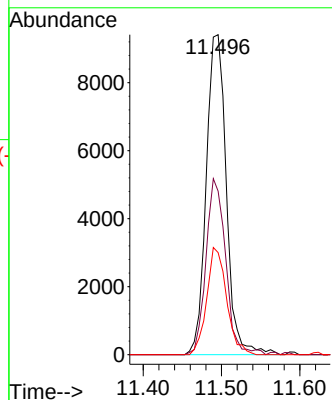
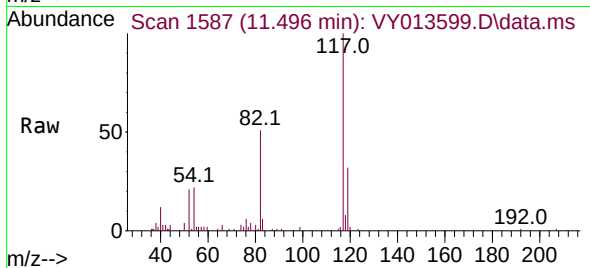
Tgt Ion:117 Resp: 16757

Ion Ratio Lower Upper

117 100

82 51.1 43.0 64.6

119 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 1.896 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013599.D

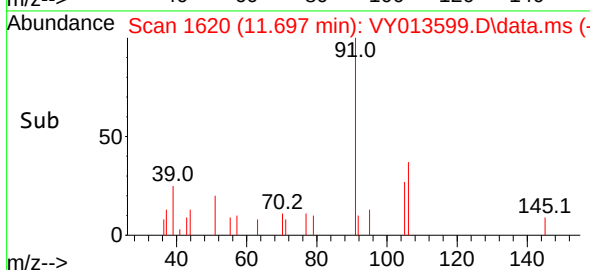
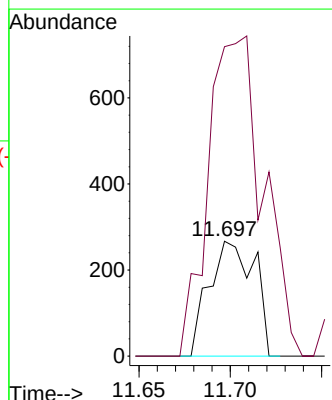
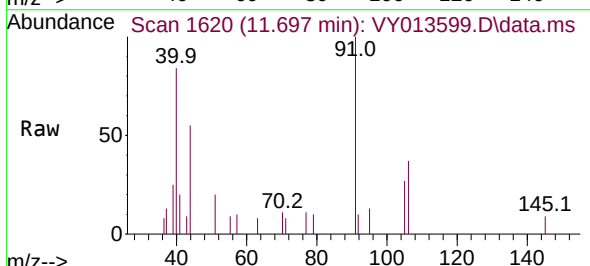
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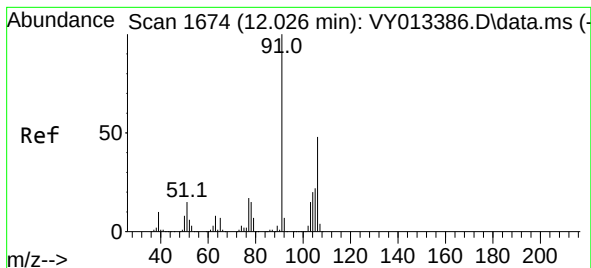
Tgt Ion:106 Resp: 462

Ion Ratio Lower Upper

106 100

91 336.1 160.9 241.3#





#69

o-Xylene

Concen: 2.204 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013599.D

Acq: 04 May 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

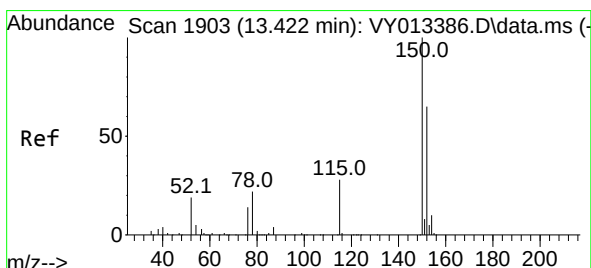
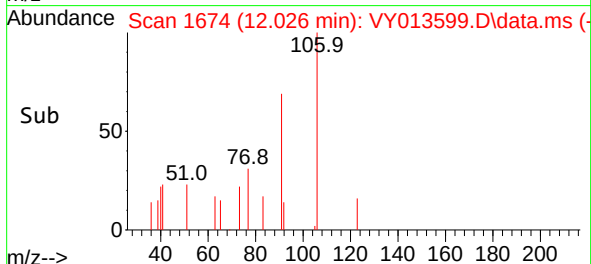
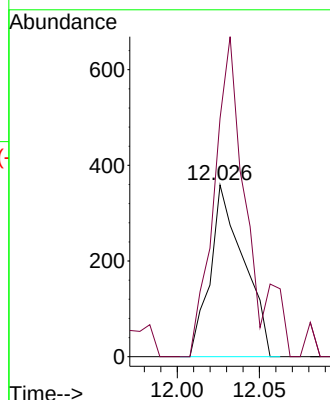
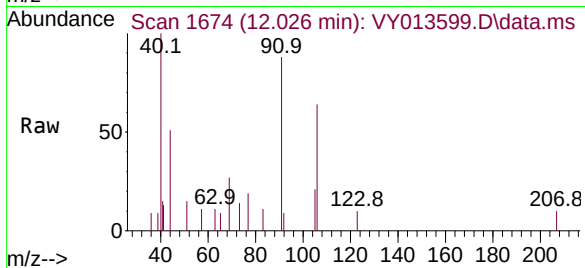
ETGI-328

Tgt Ion:106 Resp: 508

Ion Ratio Lower Upper

106 100

91 183.3 105.5 316.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013599.D

Acq: 04 May 2023 14:52

Tgt Ion:152 Resp: 6872

Ion Ratio Lower Upper

152 100

115 51.9 28.1 84.2

150 147.5 0.0 352.0

