

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007194.D
 Acq On : 17 Jan 2022 18:22
 Operator : SY/MD
 Sample : N1164-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-350

Quant Time: Jan 18 03:10:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

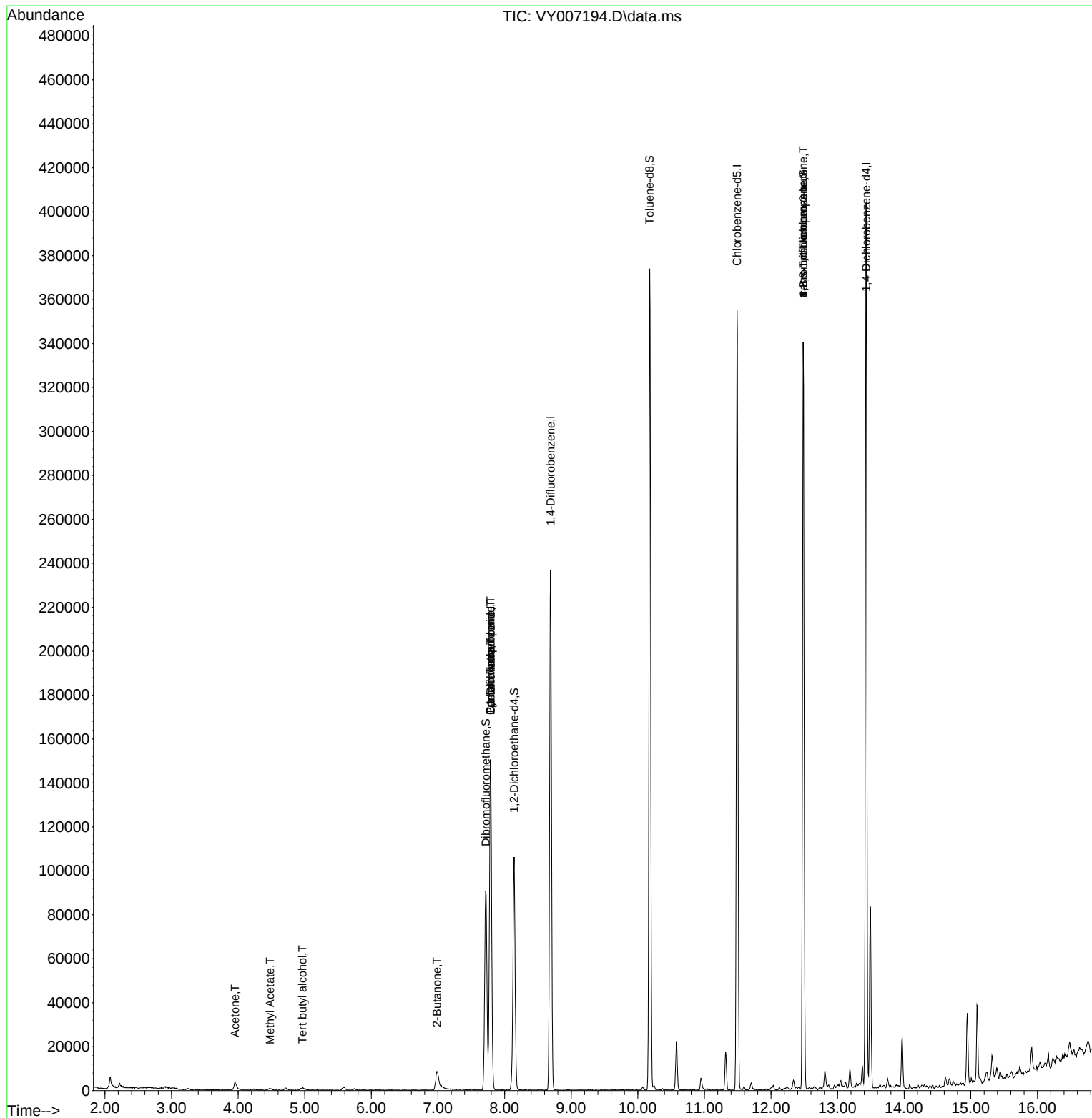
Internal Standards						
1) Pentafluorobenzene	7.789	168	111151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81381	59.671	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.340%			
35) Dibromofluoromethane	7.716	113	66173	49.164	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.320%			
50) Toluene-d8	10.179	98	245043	49.825	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.640%			
62) 4-Bromofluorobenzene	12.483	95	96067	54.913	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	2852	20.099	ug/l #	78
16) Acetone	3.954	43	7010	19.805	ug/l	98
18) Methyl Acetate	4.479	43	1534	1.218	ug/l #	66
25) 2-Butanone	6.984	43	1786	3.903	ug/l #	78
31) Cyclohexane	7.789	56	2711	1.176	ug/l #	14
36) 1,1-Dichloropropene	7.789	75	10191	4.741	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11908	5.266	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	53449	49.741	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53449	91.062	ug/l #	3

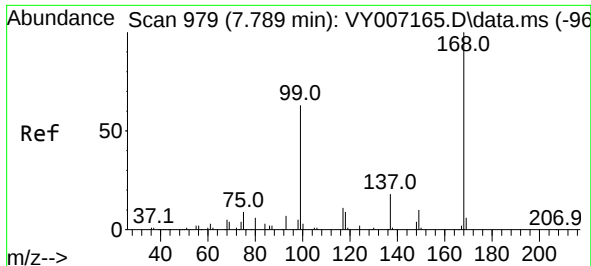
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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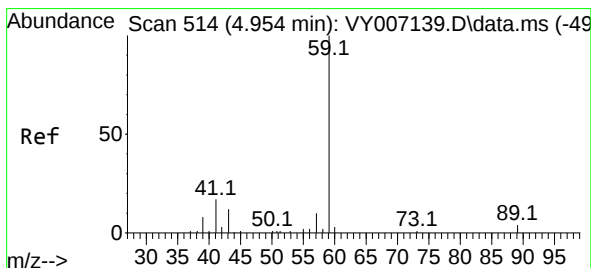
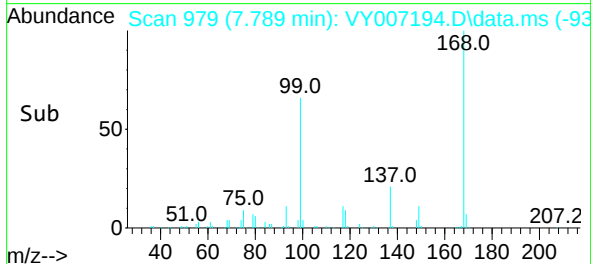
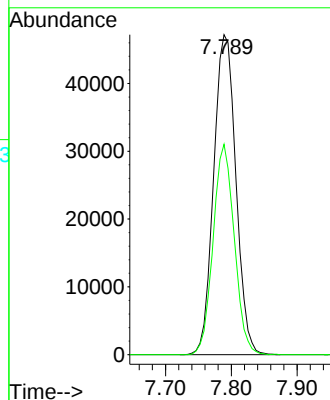
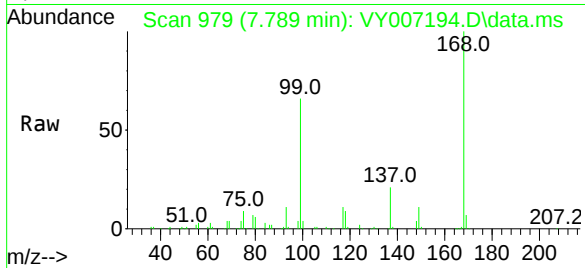




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007194.D
Acq: 17 Jan 2022 18:22

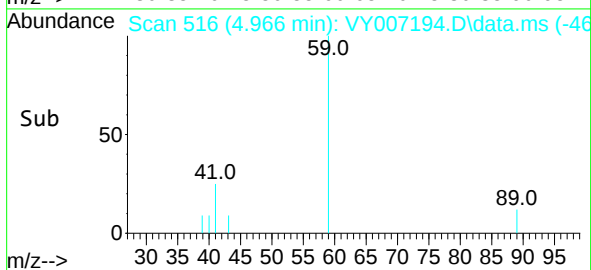
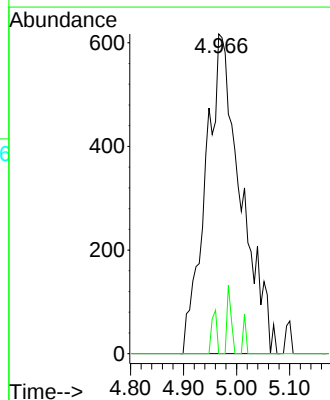
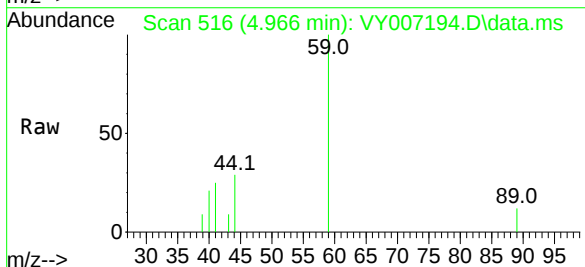
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-350

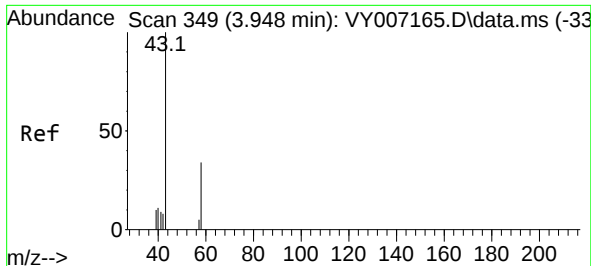
Tgt Ion:168 Resp: 111151
Ion Ratio Lower Upper
168 100
99 65.8 49.1 73.7



#11
Tert butyl alcohol
Concen: 20.099 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY007194.D
Acq: 17 Jan 2022 18:22

Tgt Ion: 59 Resp: 2852
Ion Ratio Lower Upper
59 100
57 1.9 8.1 12.1#





#16

Acetone

Concen: 19.805 ug/l

RT: 3.954 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY007194.D

Acq: 17 Jan 2022 18:22

Instrument :

MSVOA_Y

ClientSampleId :

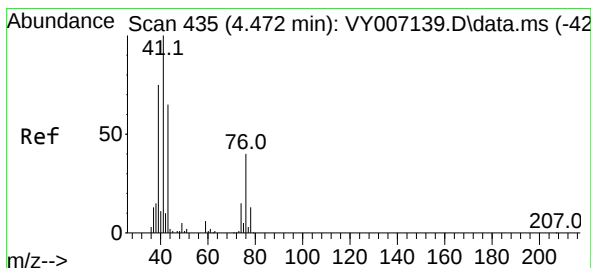
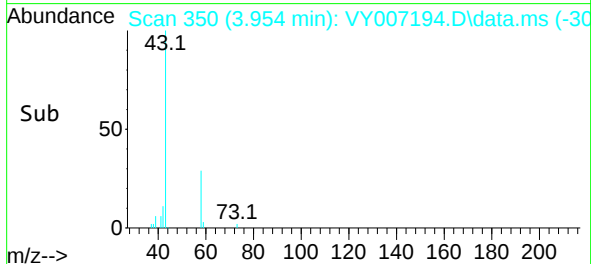
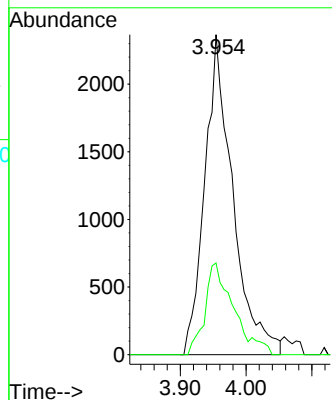
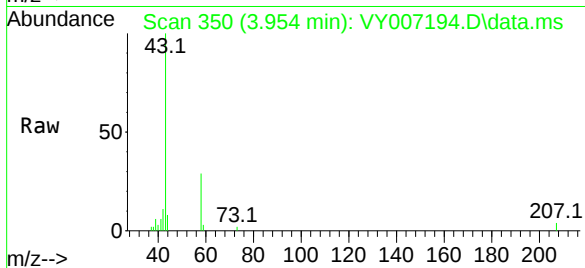
ETGI-350

Tgt Ion: 43 Resp: 7010

Ion Ratio Lower Upper

43 100

58 28.7 23.8 35.6



#18

Methyl Acetate

Concen: 1.218 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY007194.D

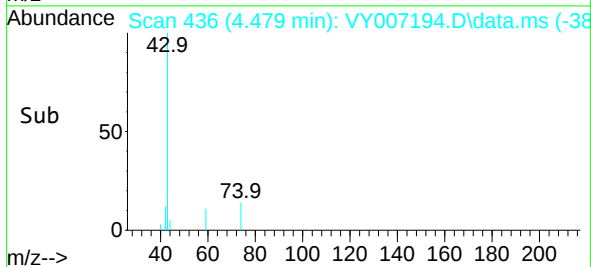
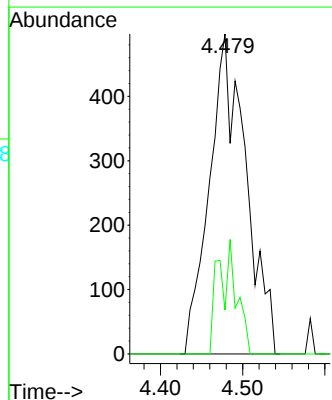
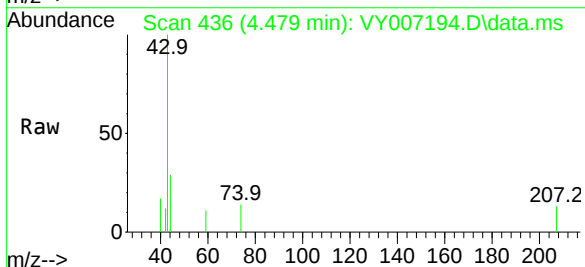
Acq: 17 Jan 2022 18:22

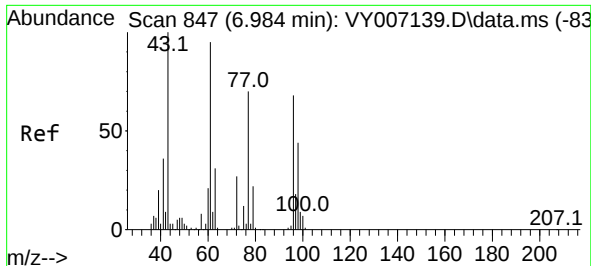
Tgt Ion: 43 Resp: 1534

Ion Ratio Lower Upper

43 100

74 8.5 20.9 31.3#





#25

2-Butanone

Concen: 3.903 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007194.D

Acq: 17 Jan 2022 18:22

Instrument :

MSVOA_Y

ClientSampleId :

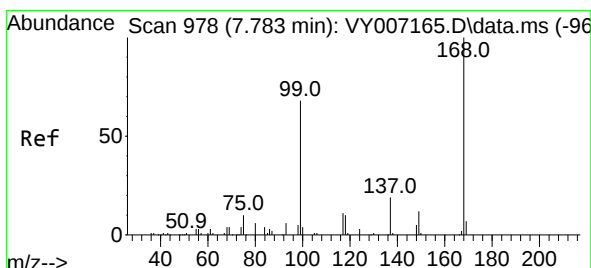
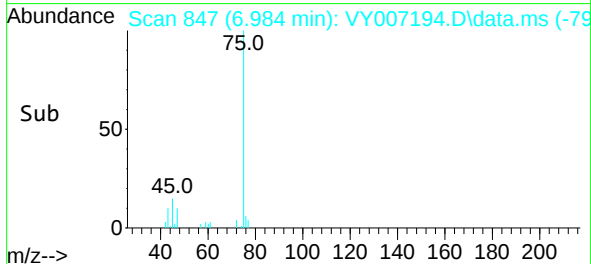
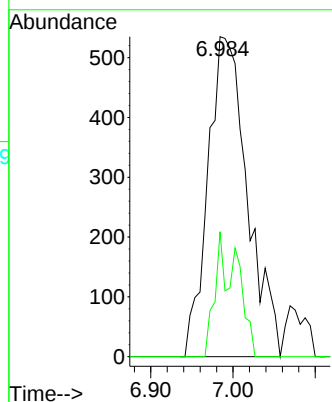
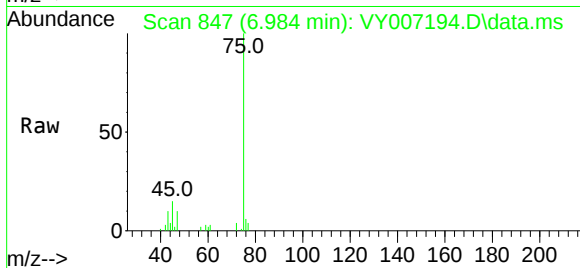
ETGI-350

Tgt Ion: 43 Resp: 1786

Ion Ratio Lower Upper

43 100

72 39.1 21.9 32.9#



#31

Cyclohexane

Concen: 1.176 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY007194.D

Acq: 17 Jan 2022 18:22

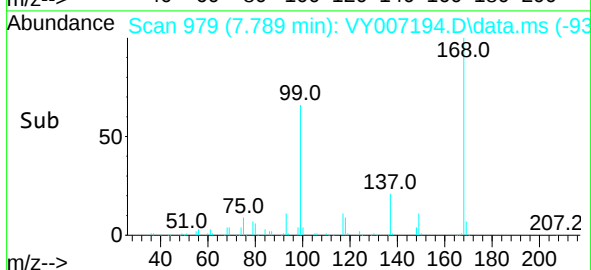
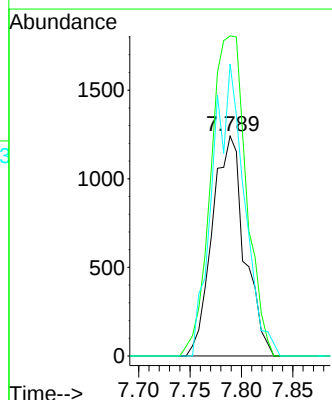
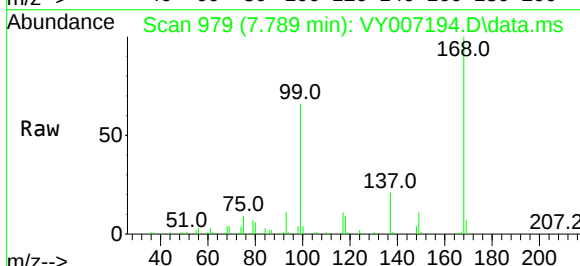
Tgt Ion: 56 Resp: 2711

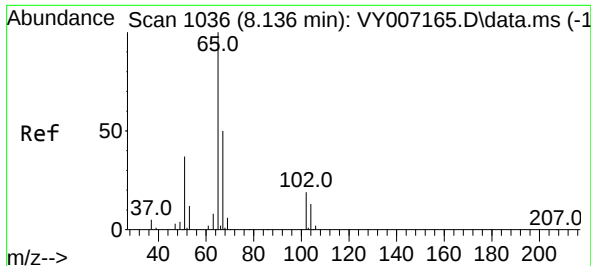
Ion Ratio Lower Upper

56 100

69 145.5 27.2 40.8#

84 132.8 72.1 108.1#

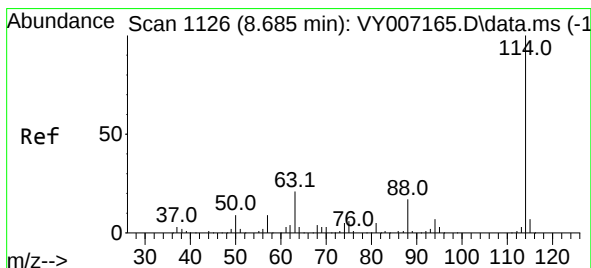
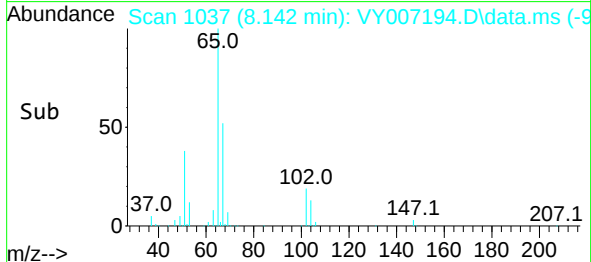
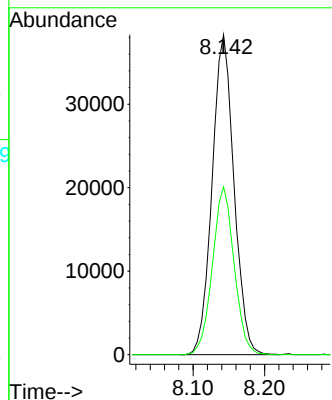
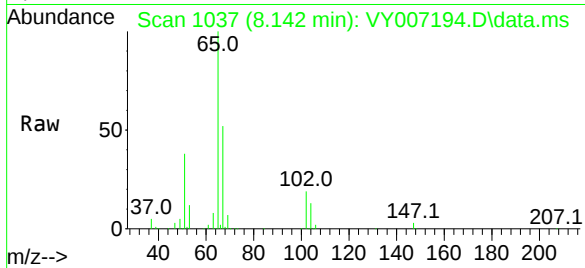




#33
 1,2-Dichloroethane-d4
 Concen: 59.671 ug/l
 RT: 8.142 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY007194.D
 Acq: 17 Jan 2022 18:22

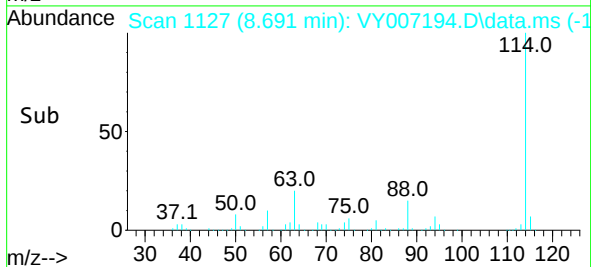
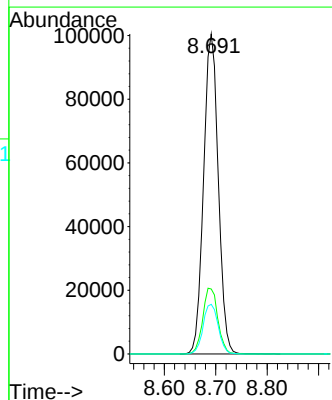
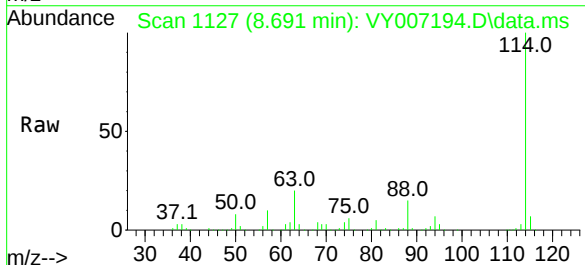
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-350

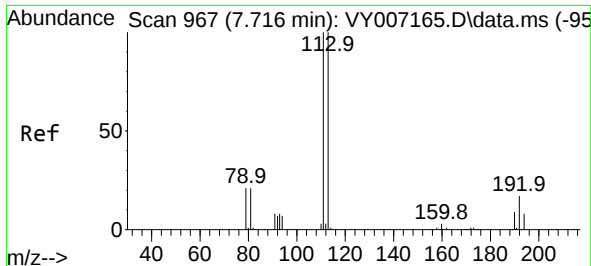
Tgt Ion: 65 Resp: 81381
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007194.D
 Acq: 17 Jan 2022 18:22

Tgt Ion: 114 Resp: 199054
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.2
 88 15.5 0.0 31.0

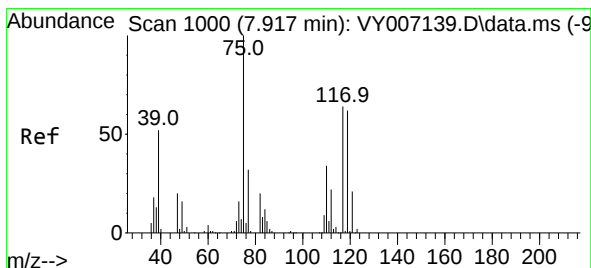
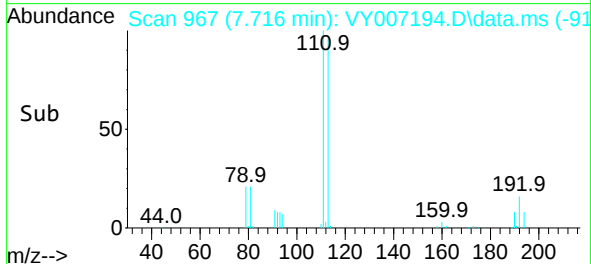
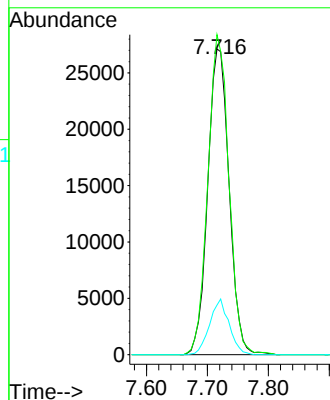
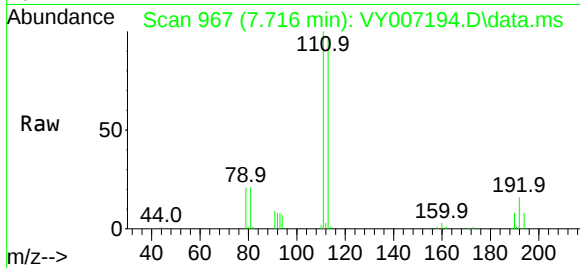




#35
Dibromofluoromethane
Concen: 49.164 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007194.D
Acq: 17 Jan 2022 18:22

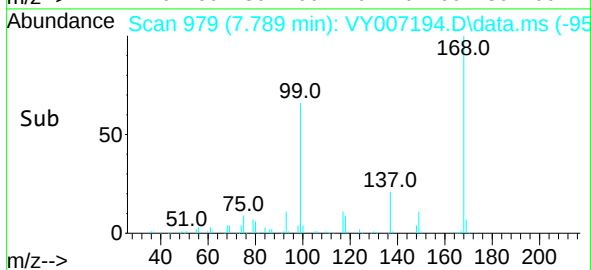
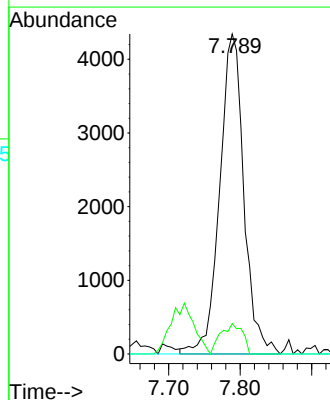
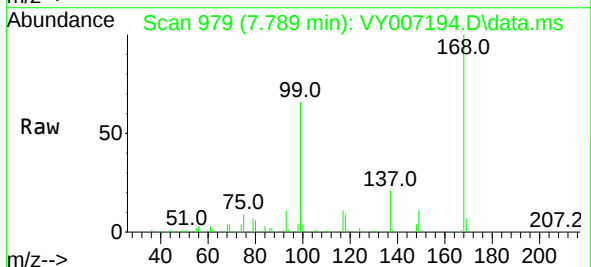
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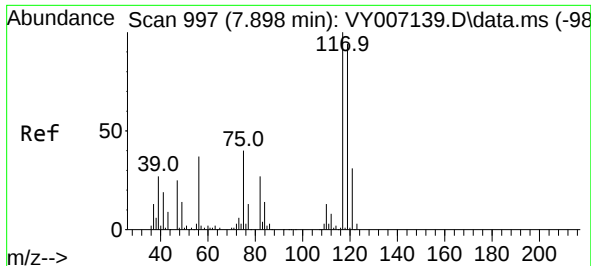
Tgt Ion:113 Resp: 66173
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.741 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007194.D
Acq: 17 Jan 2022 18:22

Tgt Ion: 75 Resp: 10191
Ion Ratio Lower Upper
75 100
110 8.6 17.3 51.9#
77 0.0 24.7 37.1#

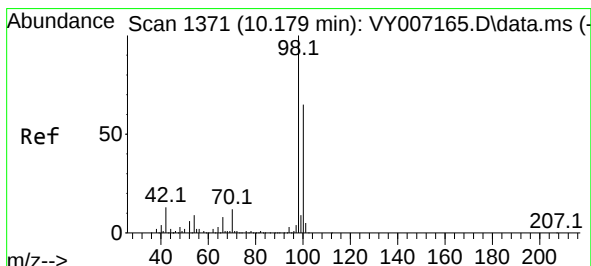
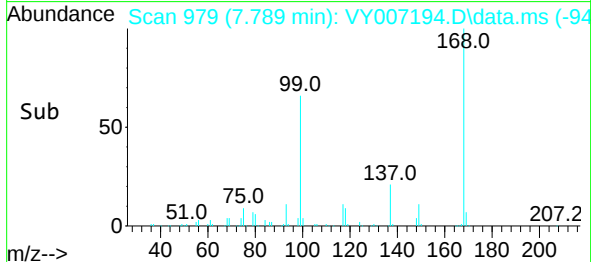
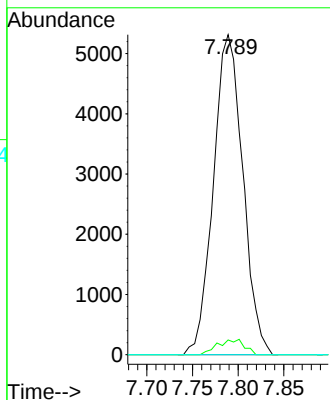
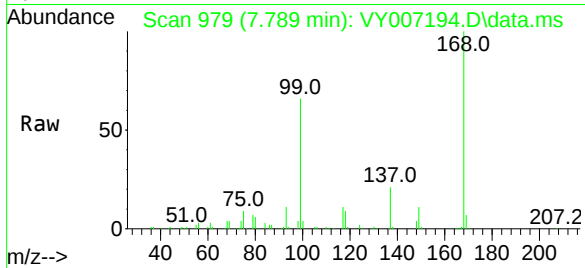




#38
Carbon Tetrachloride
Concen: 5.266 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007194.D
Acq: 17 Jan 2022 18:22

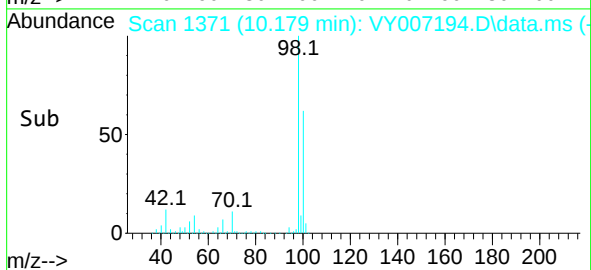
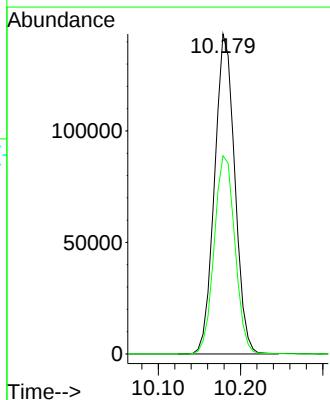
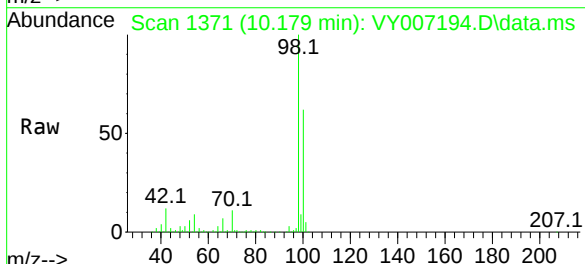
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ETGI-350

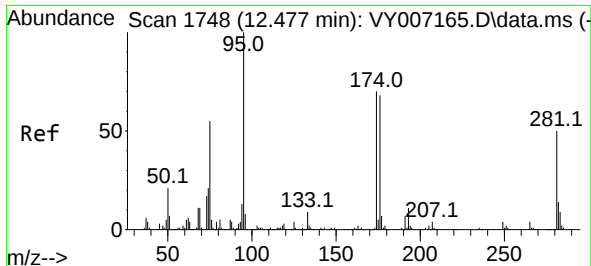
Tgt Ion:117 Resp: 11908
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.825 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007194.D
Acq: 17 Jan 2022 18:22

Tgt Ion: 98 Resp: 245043
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.2

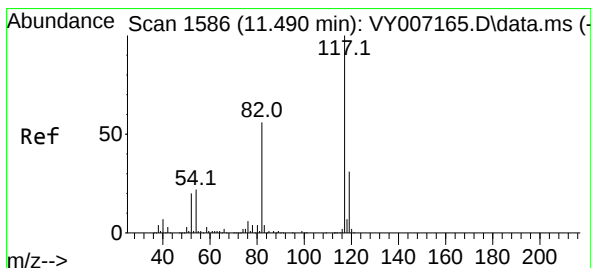
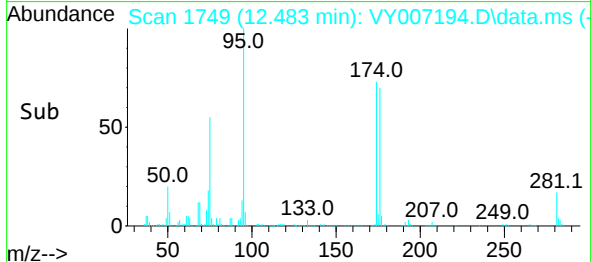
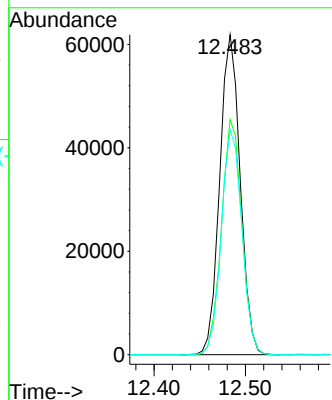
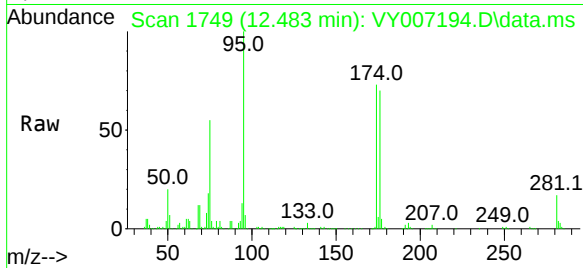




#62
4-Bromofluorobenzene
Concen: 54.913 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007194.D
Acq: 17 Jan 2022 18:22

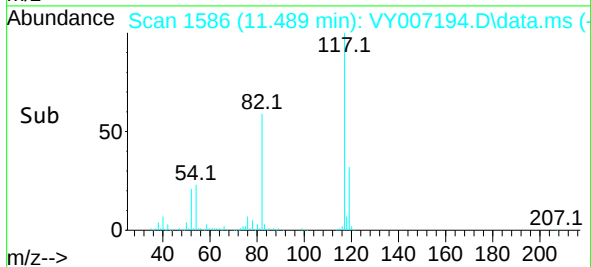
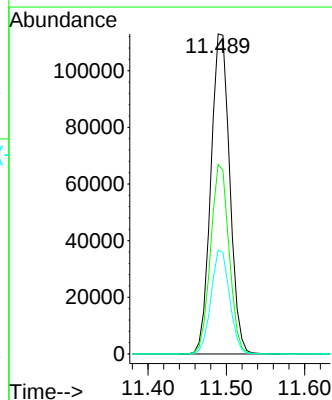
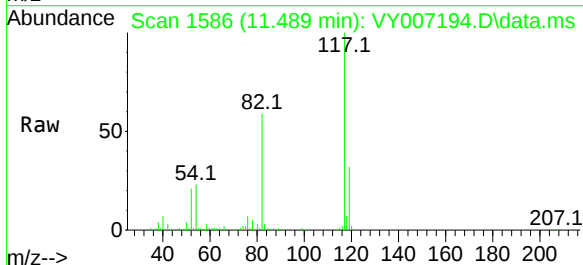
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-350

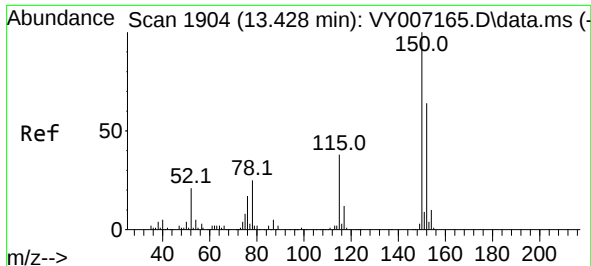
Tgt Ion: 95 Resp: 96067
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.4
176 70.8 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007194.D
Acq: 17 Jan 2022 18:22

Tgt Ion: 117 Resp: 189383
Ion Ratio Lower Upper
117 100
82 59.2 45.4 68.0
119 32.4 26.4 39.6

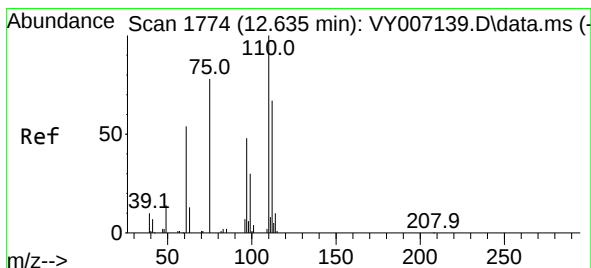
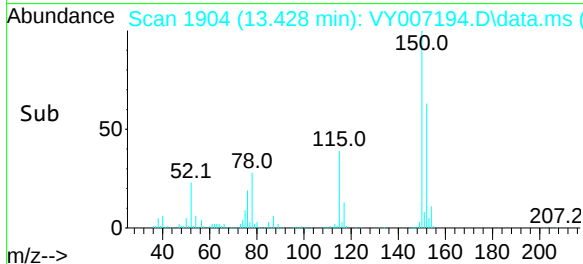
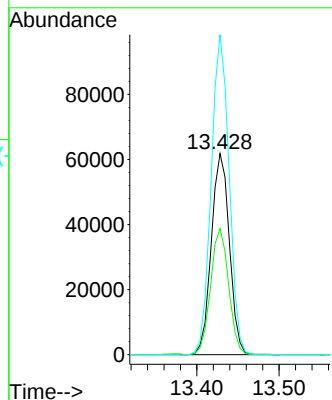
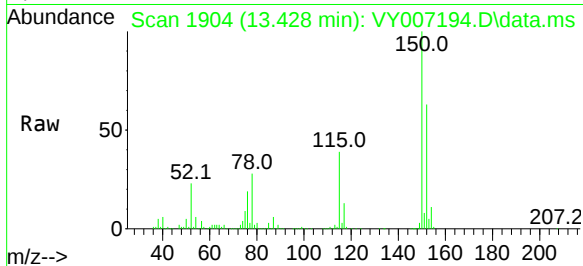




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007194.D
 Acq: 17 Jan 2022 18:22

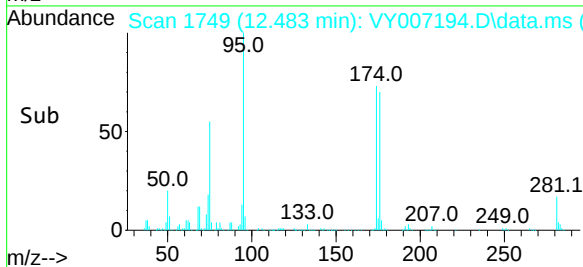
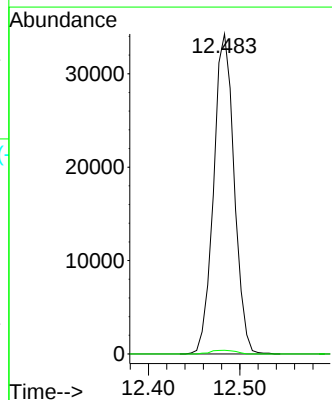
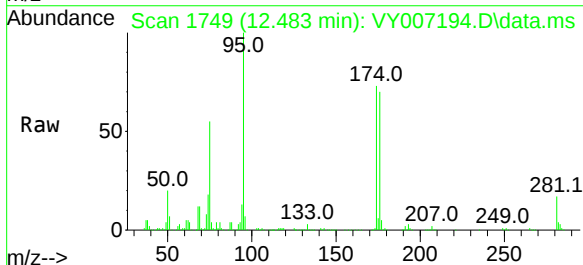
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-350

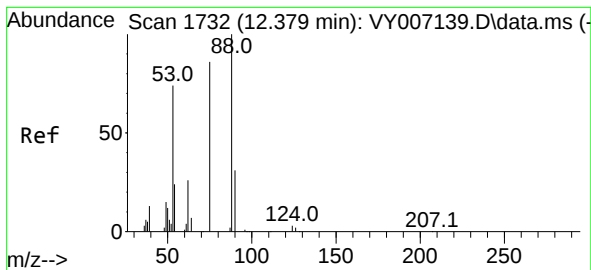
Tgt Ion:152 Resp: 94237
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.4 94.0
 150 157.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 49.741 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007194.D
 Acq: 17 Jan 2022 18:22

Tgt Ion: 75 Resp: 53449
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.062 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007194.D
 Acq: 17 Jan 2022 18:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-350

Tgt Ion: 75 Resp: 53449
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.6 0.0 0.0#

