

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
 Data File : VY005297.D
 Acq On : 30 Jun 2021 14:55
 Operator : SY/MD
 Sample : M2899-02
 Misc : 6.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-352

Quant Time: Jul 01 06:38:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

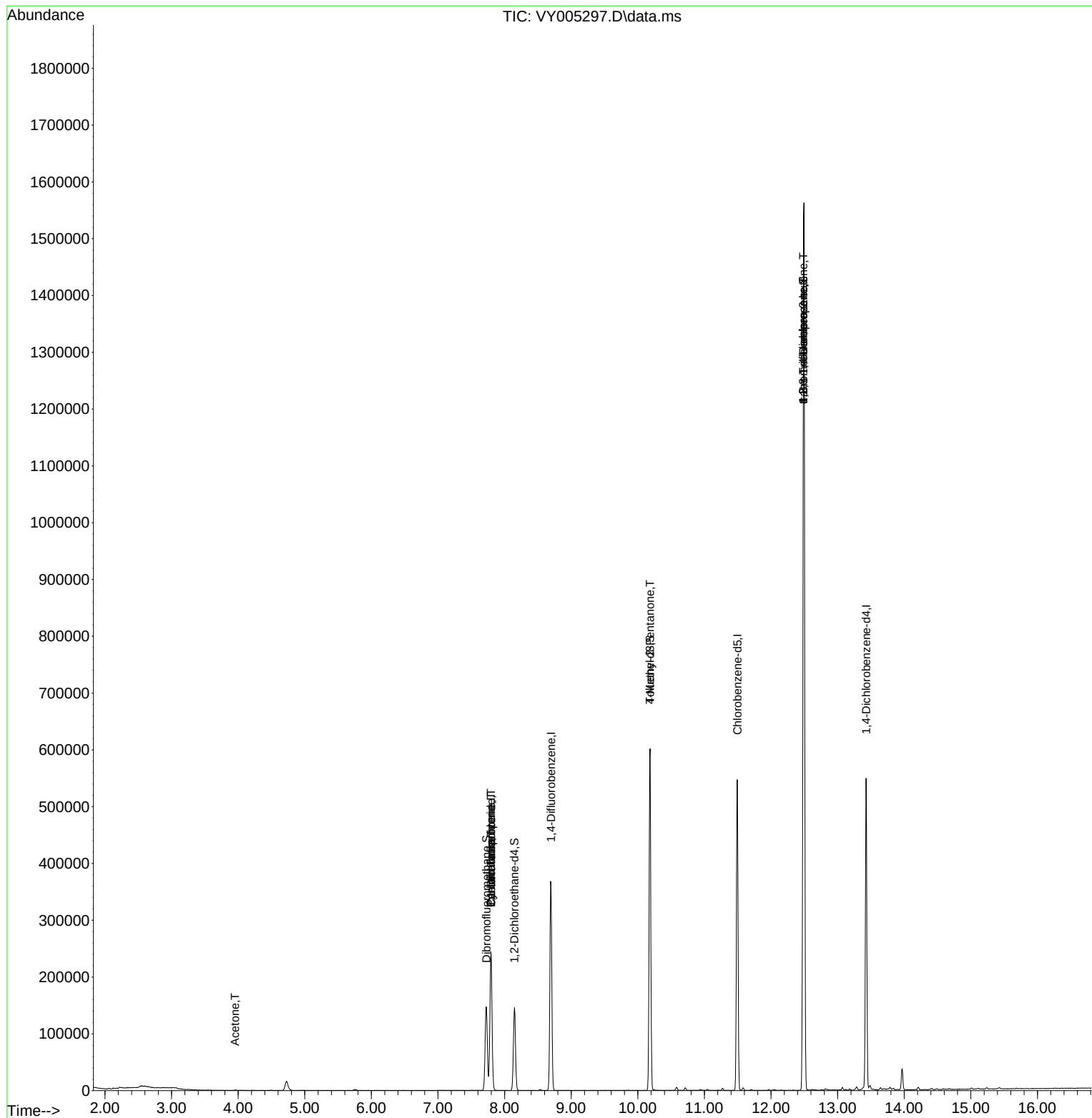
Internal Standards						
1) Pentafluorobenzene	7.795	168	205632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	314018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113401	66.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.900%
35) Dibromofluoromethane	7.728	113	103376	53.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.220%
50) Toluene-d8	10.185	98	404623	52.468	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.940%
62) 4-Bromofluorobenzene	12.483	95	137335	53.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	650	Below Cal	#	77
16) Acetone	3.954	43	1134	2.877	ug/l	90
20) Methylene Chloride	4.722	84	12208	Below Cal		92
31) Cyclohexane	7.795	56	3415	1.121	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	12882	4.474	ug/l #	47
38) Carbon Tetrachloride	7.795	117	17449	5.789	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1628	1.140	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	73953	57.443	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73953	107.176	ug/l #	19

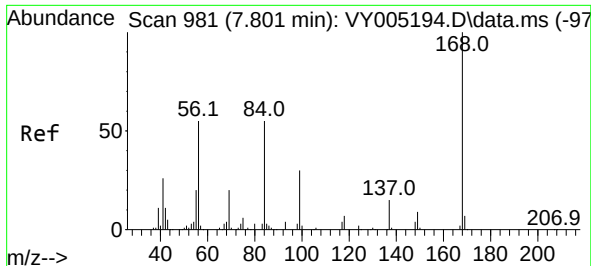
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Time: Jul 01 06:38:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
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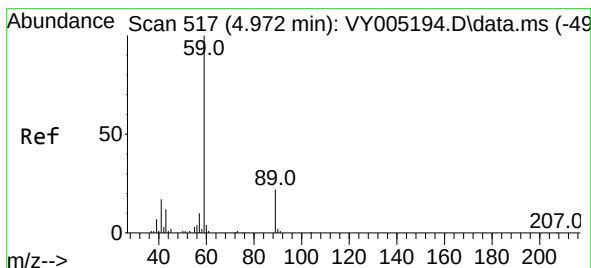
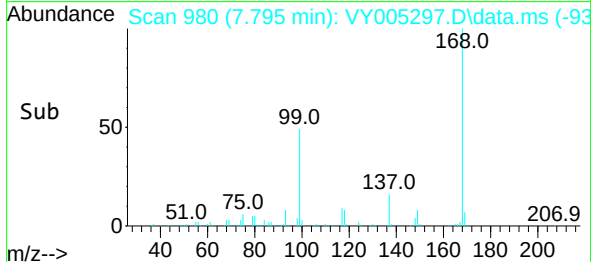
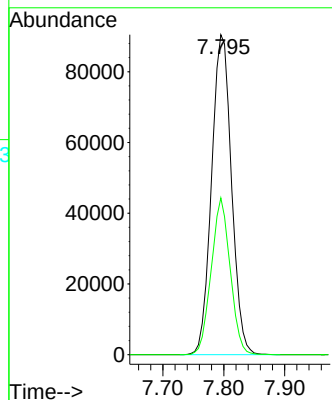
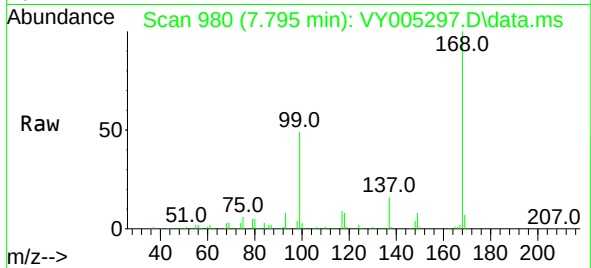




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

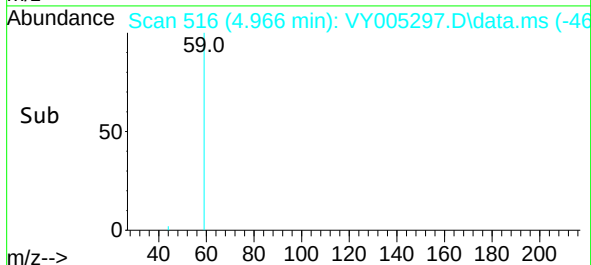
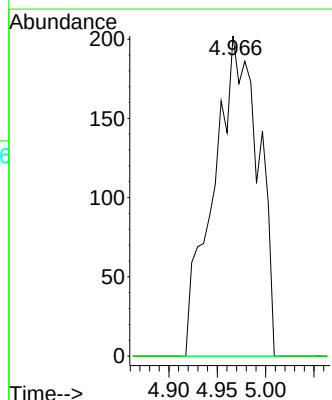
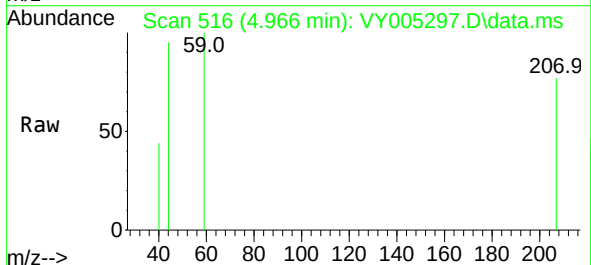
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-352

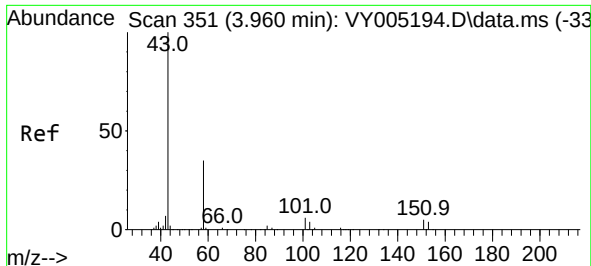
Tgt Ion:168 Resp: 205632
Ion Ratio Lower Upper
168 100
99 49.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

Tgt Ion: 59 Resp: 650
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

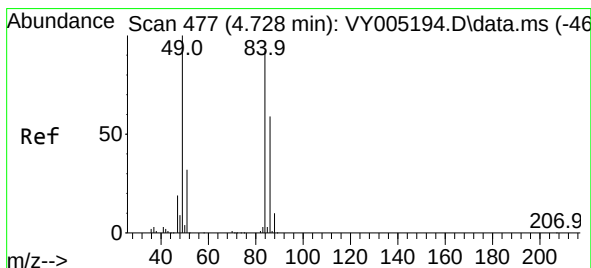
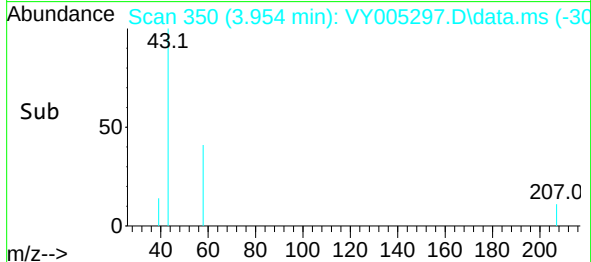
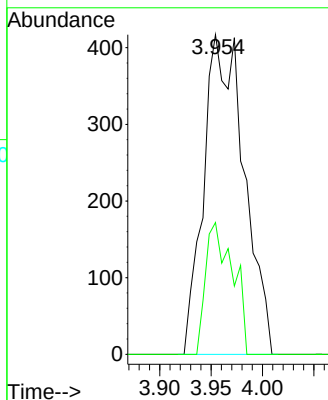
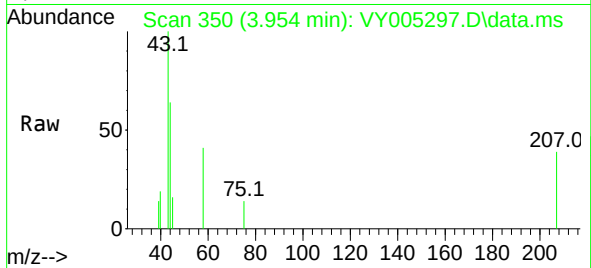




#16
Acetone
Concen: 2.877 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

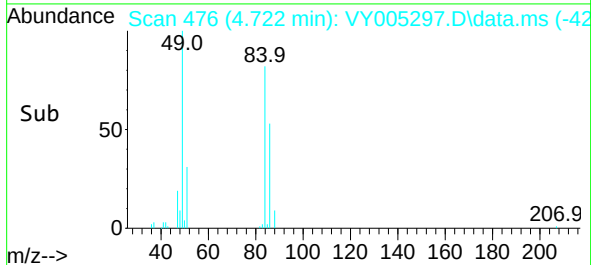
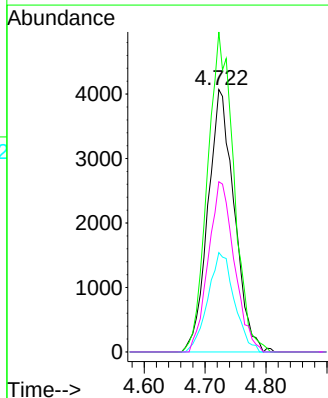
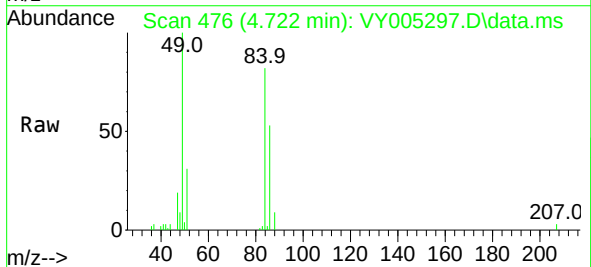
Instrument :
MSVOA_Y
ClientSampled :
ETGI-352

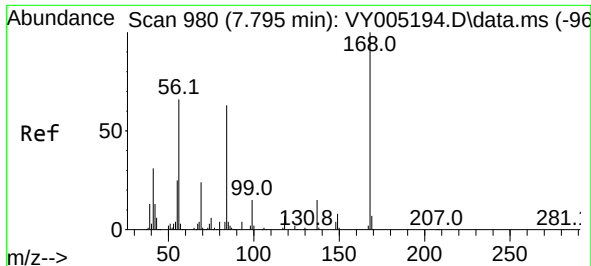
Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 41.2 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

Tgt Ion: 84 Resp: 12208
Ion Ratio Lower Upper
84 100
49 122.0 86.9 130.3
51 37.9 27.4 41.2
86 64.9 51.0 76.6

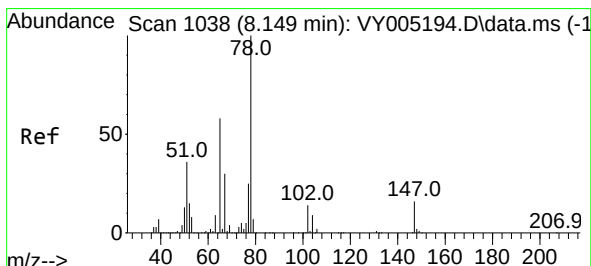
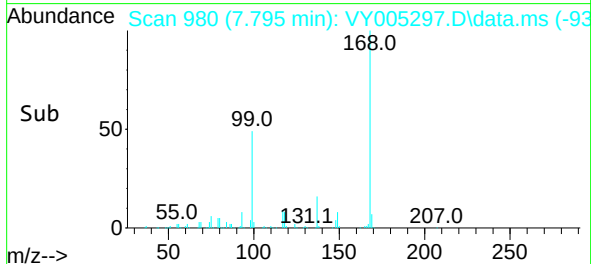
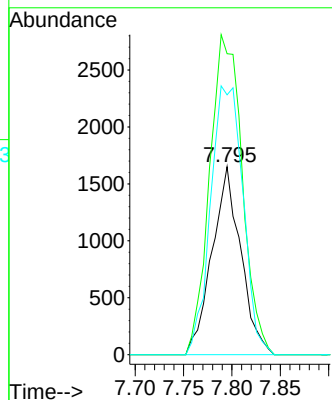
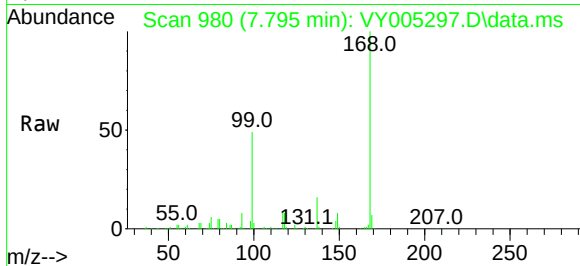




#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

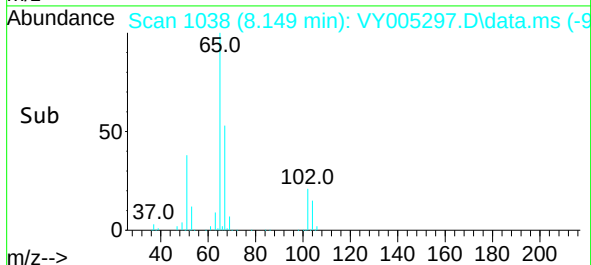
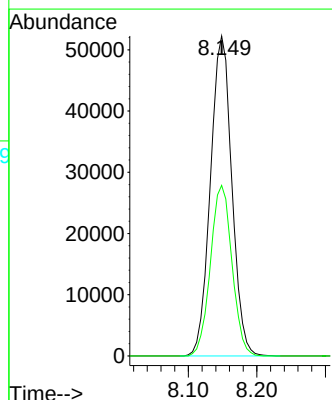
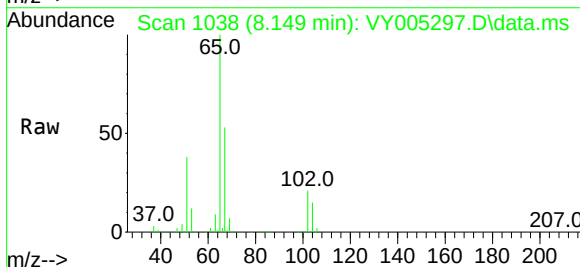
Instrument :
MSVOA_Y
ClientSampled :
ETGI-352

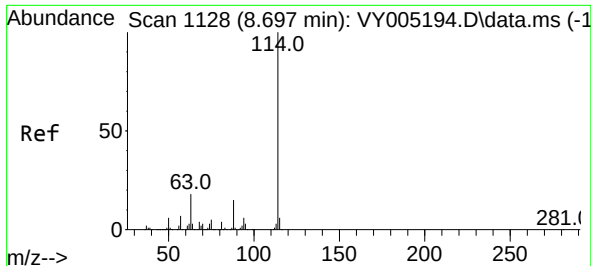
Tgt Ion: 56 Resp: 3415
Ion Ratio Lower Upper
56 100
69 160.1 29.6 44.4#
84 138.2 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 66.454 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

Tgt Ion: 65 Resp: 113401
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6

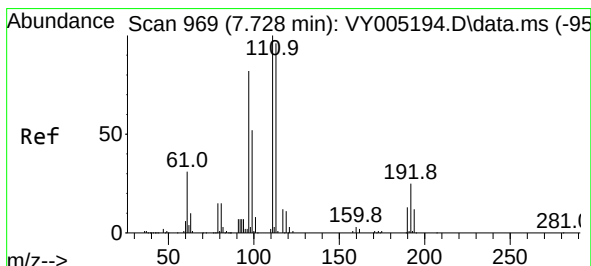
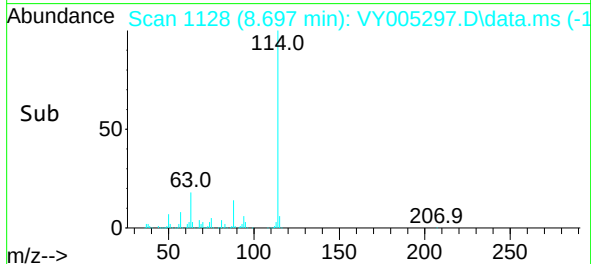
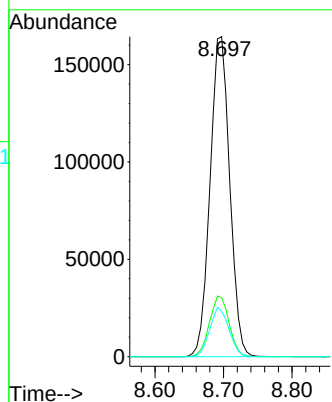
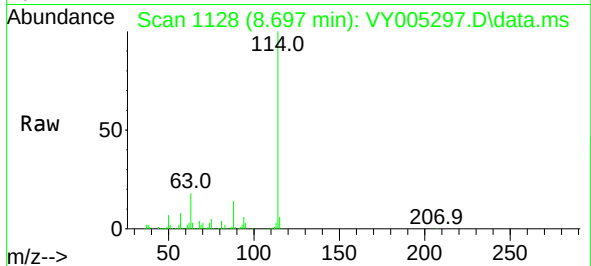




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

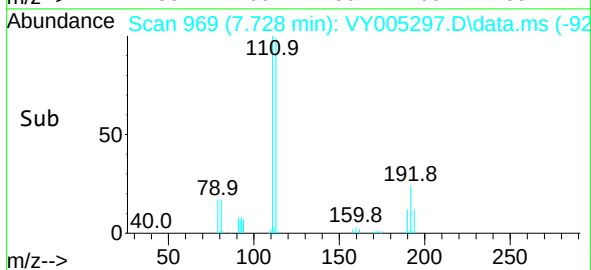
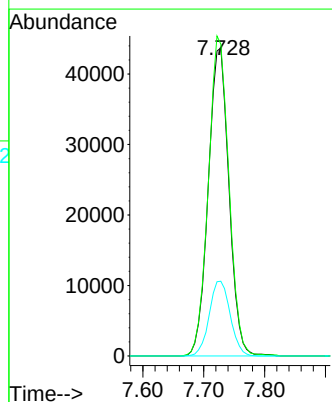
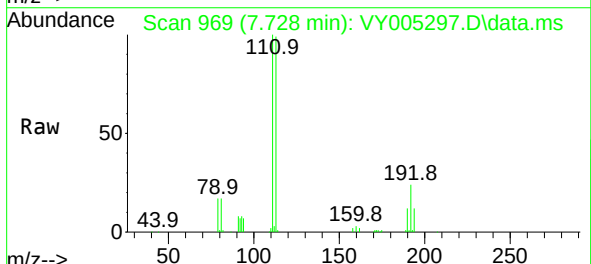
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-352

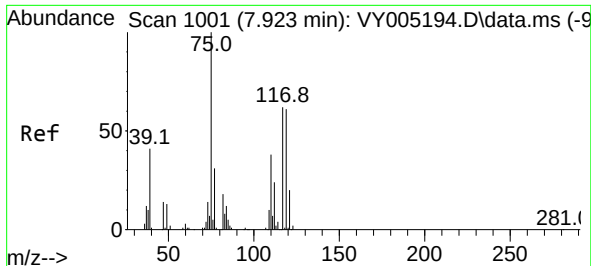
Tgt Ion:114 Resp: 326979
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.2
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.608 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

Tgt Ion:113 Resp: 103376
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 24.6 20.2 30.2

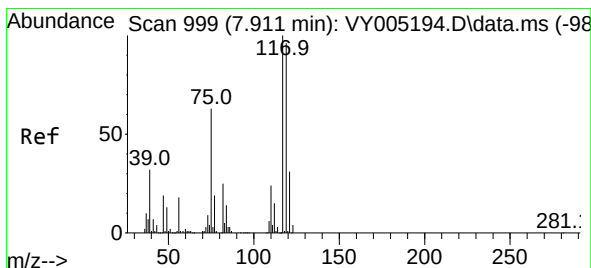
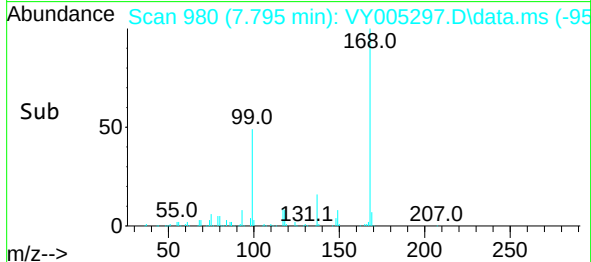
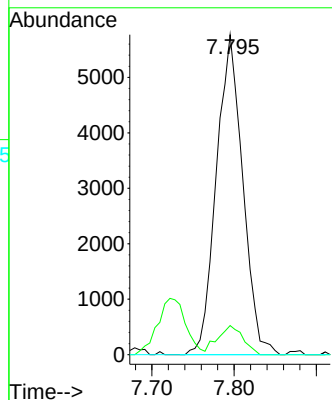
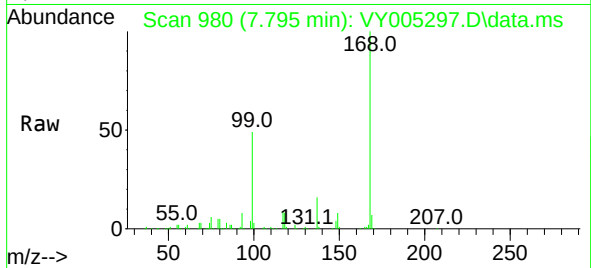




#36
1,1-Dichloropropene
Concen: 4.474 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

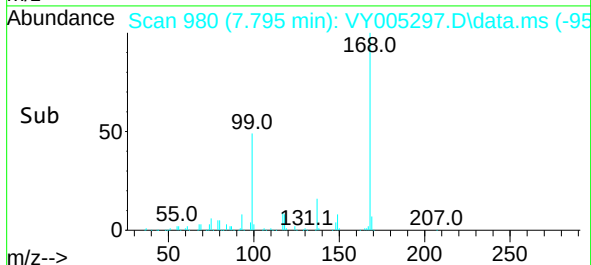
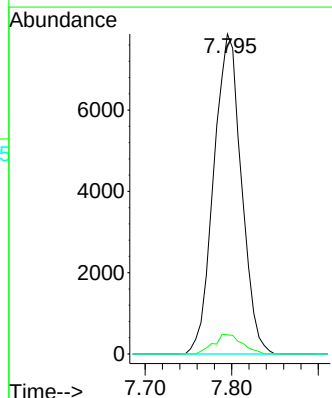
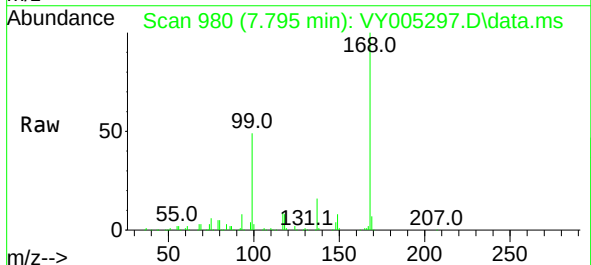
Instrument :
MSVOA_Y
ClientSampled :
ETGI-352

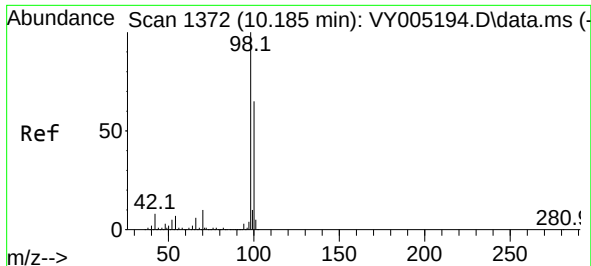
Tgt Ion: 75 Resp: 12882
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.789 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

Tgt Ion: 117 Resp: 17449
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.4#
121 0.0 24.7 37.1#

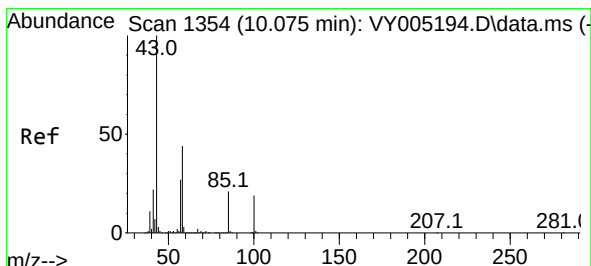
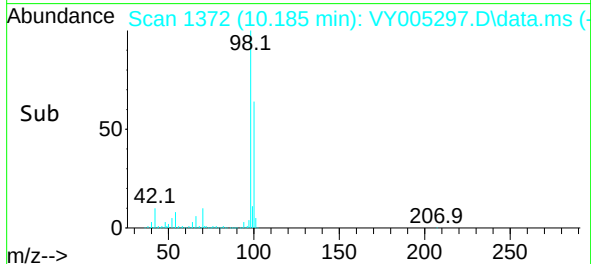
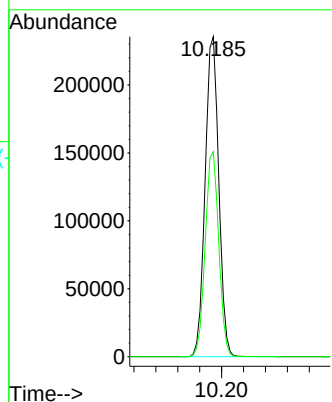
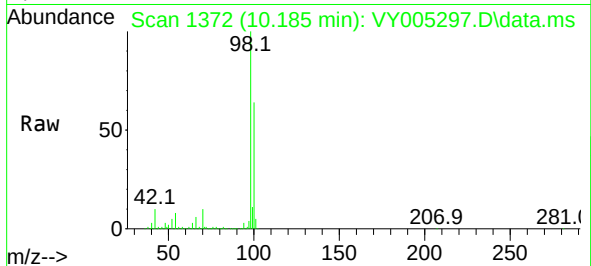




#50
Toluene-d8
Concen: 52.468 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

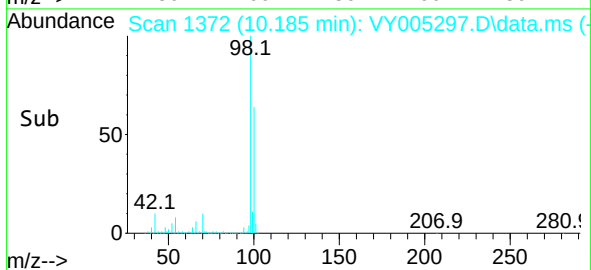
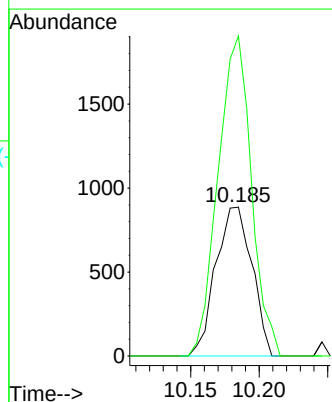
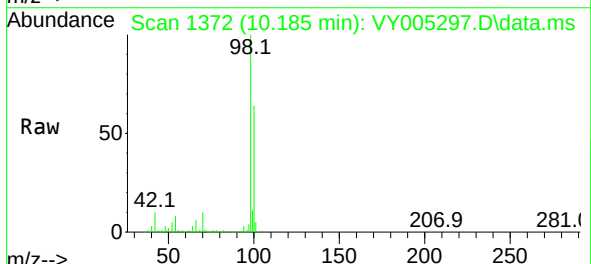
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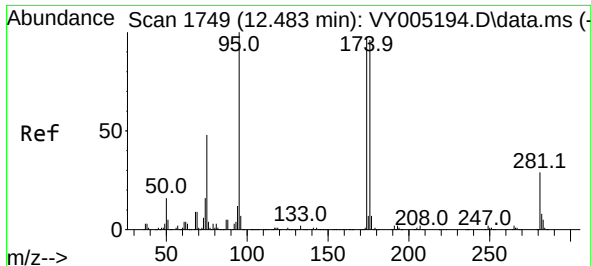
Tgt Ion: 98 Resp: 404623
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.140 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
58 198.2 35.3 52.9#

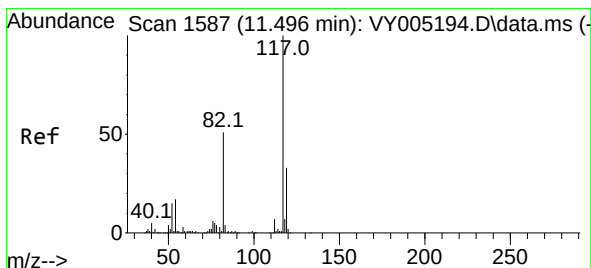
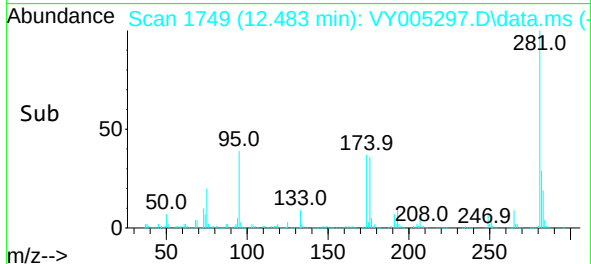
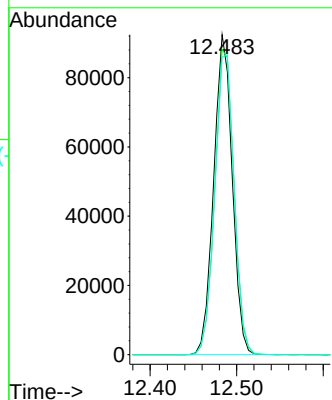
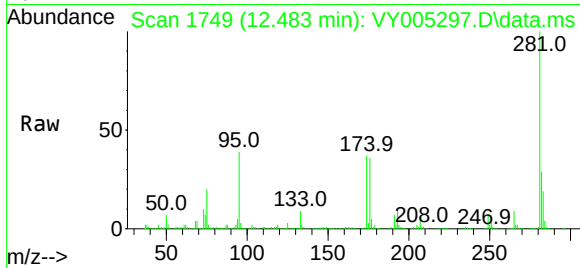




#62
4-Bromofluorobenzene
Concen: 53.443 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

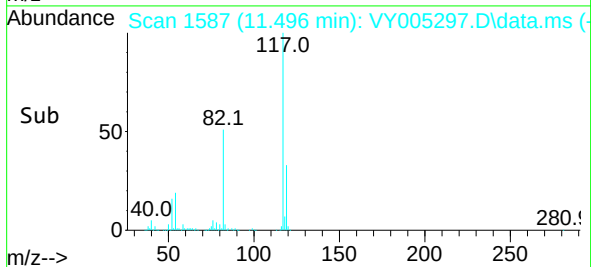
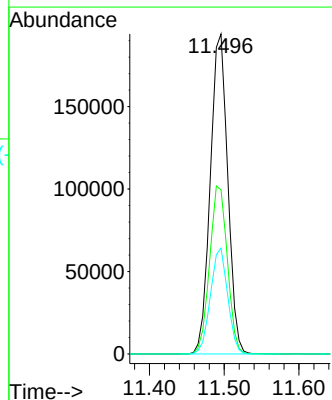
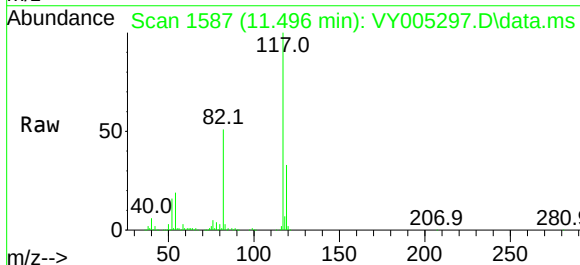
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-352

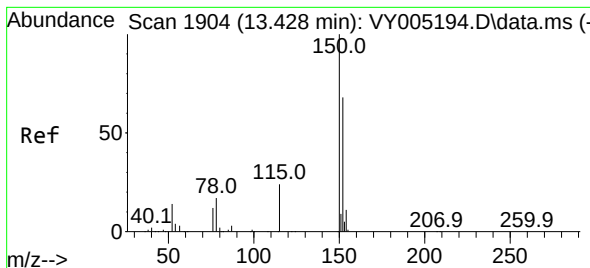
Tgt Ion: 95 Resp: 137335
Ion Ratio Lower Upper
95 100
174 98.9 0.0 201.6
176 98.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005297.D
Acq: 30 Jun 2021 14:55

Tgt Ion: 117 Resp: 314018
Ion Ratio Lower Upper
117 100
82 51.3 40.6 60.8
119 33.1 26.1 39.1

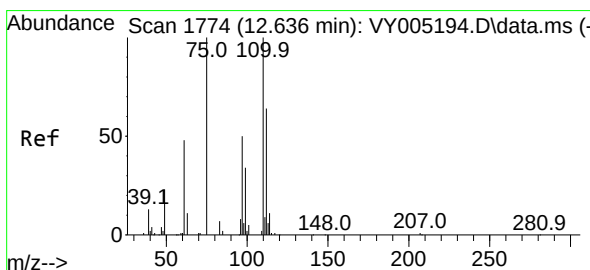
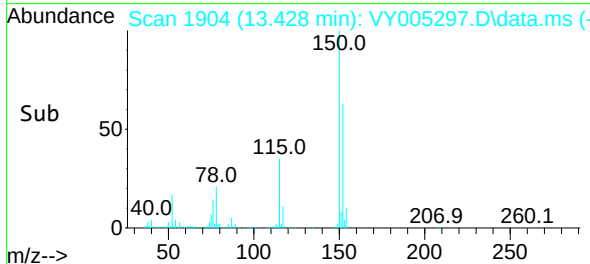
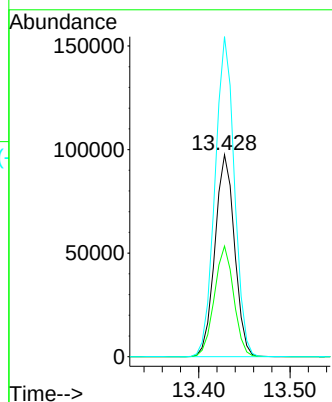
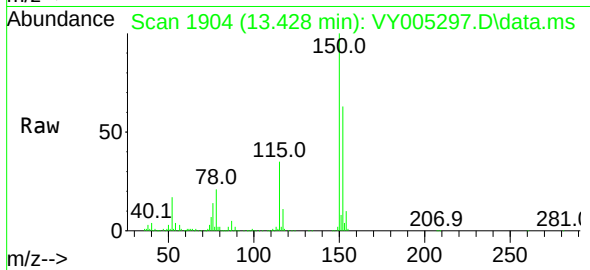




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005297.D
 Acq: 30 Jun 2021 14:55

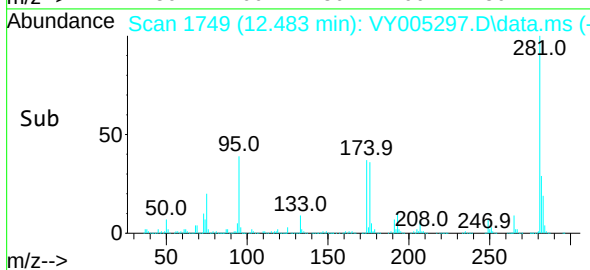
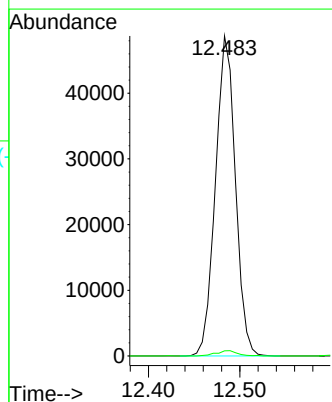
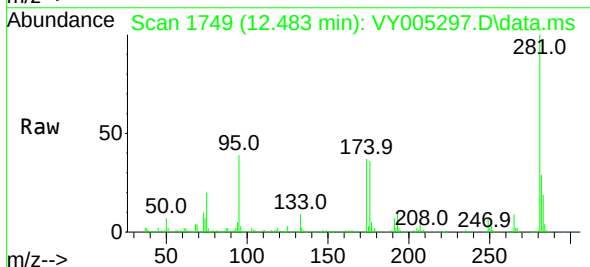
Instrument :
 MSVOA_Y
 ClientSampled :
 ETGI-352

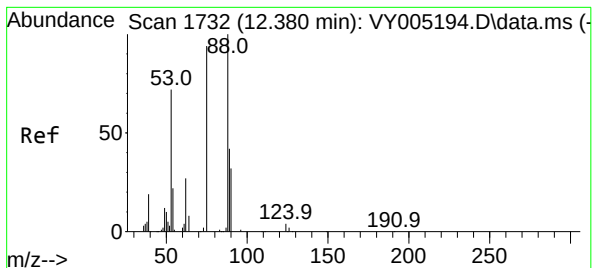
Tgt Ion:152 Resp: 145160
 Ion Ratio Lower Upper
 152 100
 115 54.2 26.3 78.8
 150 157.1 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 57.443 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005297.D
 Acq: 30 Jun 2021 14:55

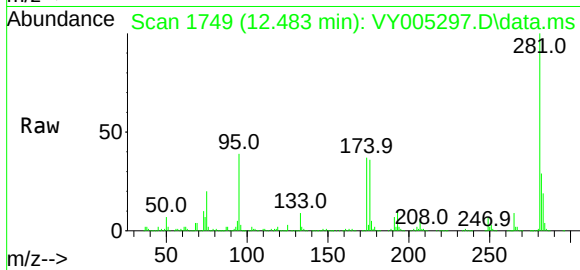
Tgt Ion: 75 Resp: 73953
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.176 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005297.D
 Acq: 30 Jun 2021 14:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-352



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	3.2	38.0	57.0#

