

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010169.D
 Acq On : 23 Aug 2022 16:46
 Operator : KP/MD
 Sample : N4214-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

Quant Time: Aug 24 04:33:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

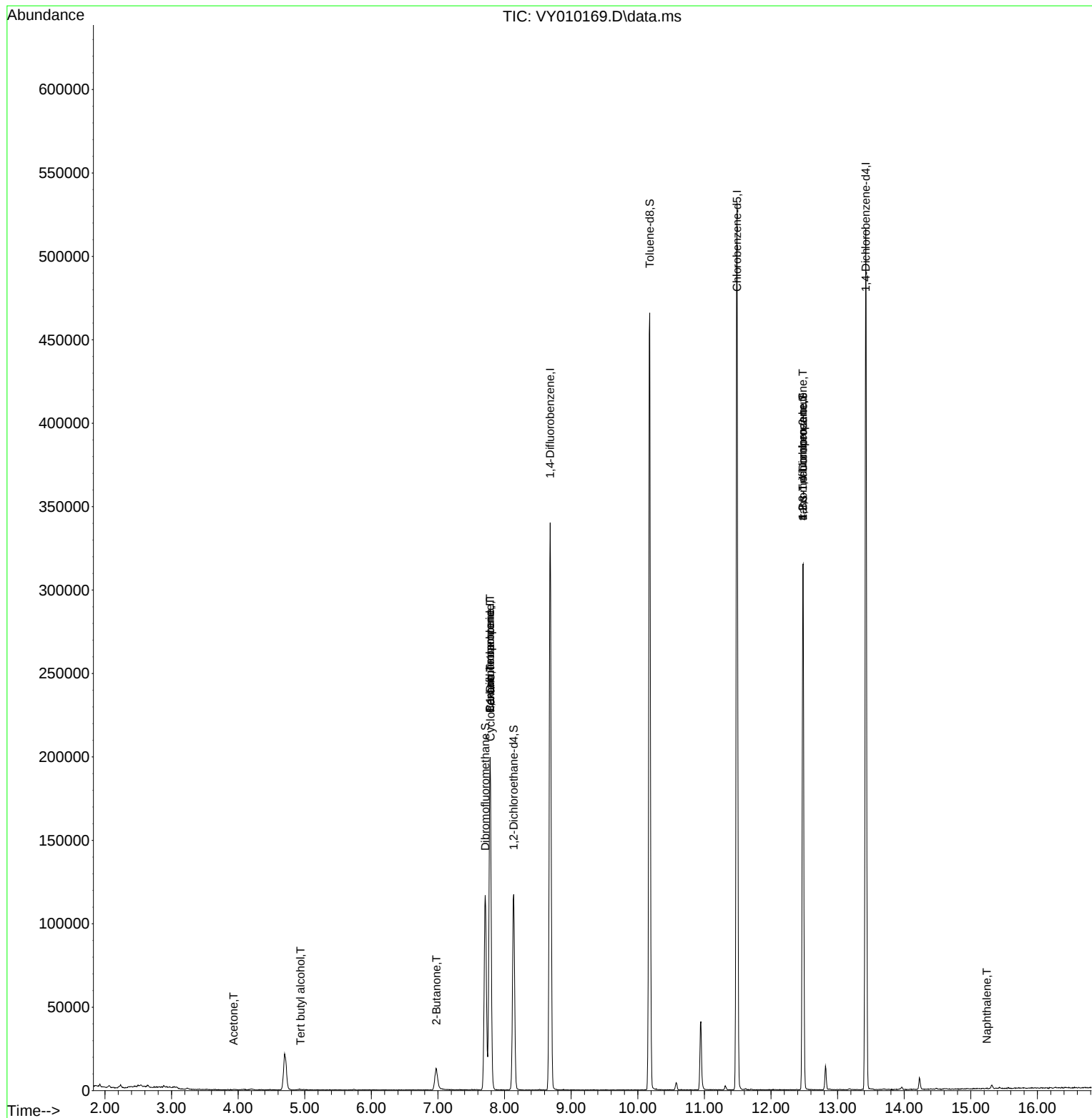
Internal Standards						
1) Pentafluorobenzene	7.783	168	160680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	298773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	299637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87821	66.727	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	133.460%	
35) Dibromofluoromethane	7.710	113	83101	49.361	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	98.720%	
50) Toluene-d8	10.179	98	309337	49.036	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	98.080%	
62) 4-Bromofluorobenzene	12.477	95	100179	44.446	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	88.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	634	14.907	ug/l #	73
16) Acetone	3.930	43	523	1.588	ug/l #	87
25) 2-Butanone	6.978	43	676	1.276	ug/l #	46
31) Cyclohexane	7.789	56	3127	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11888	4.424	ug/l #	49
38) Carbon Tetrachloride	7.783	117	15146	5.374	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	49278	38.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49278	77.551	ug/l #	18
95) Naphthalene	15.239	128	272	3.935	ug/l #	69

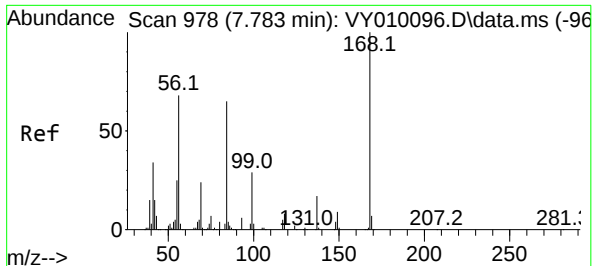
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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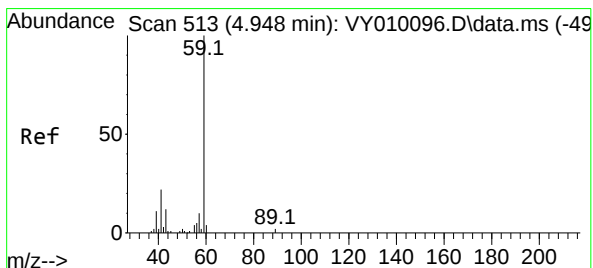
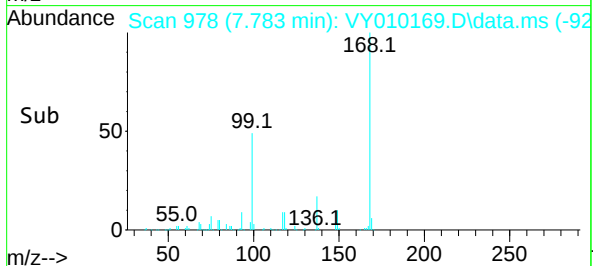
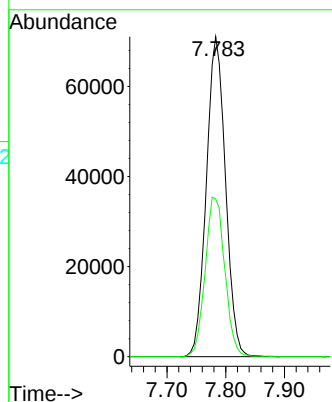
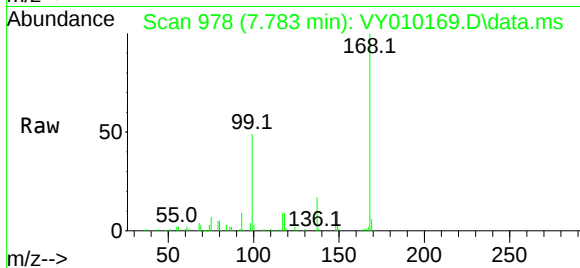




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010169.D
Acq: 23 Aug 2022 16:46

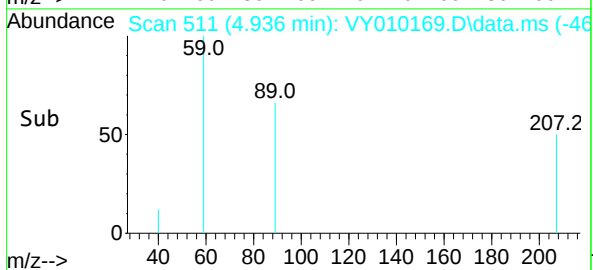
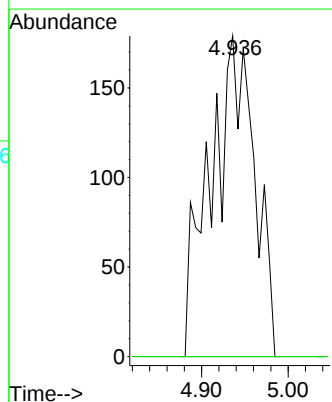
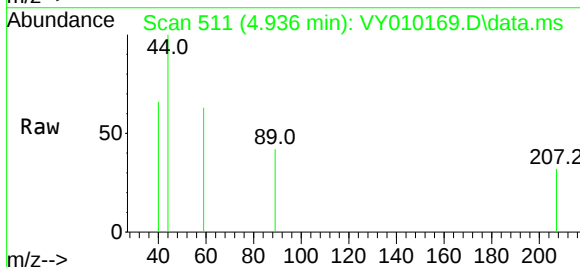
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

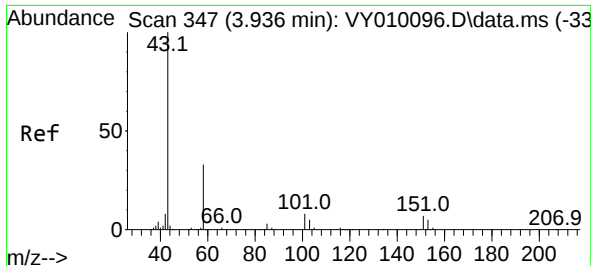
Tgt Ion:168 Resp: 160680
Ion Ratio Lower Upper
168 100
99 49.2 40.7 61.1



#11
Tert butyl alcohol
Concen: 14.907 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010169.D
Acq: 23 Aug 2022 16:46

Tgt Ion: 59 Resp: 634
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 1.588 ug/l

RT: 3.930 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

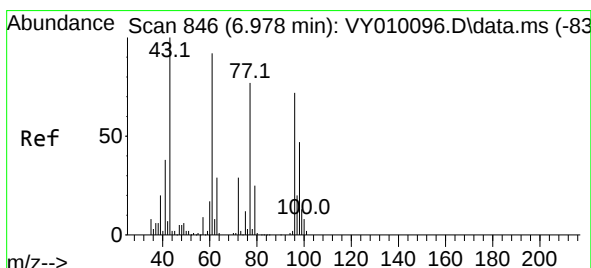
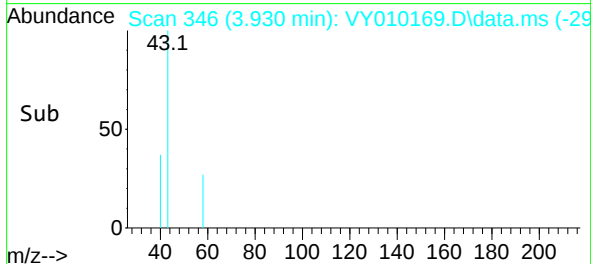
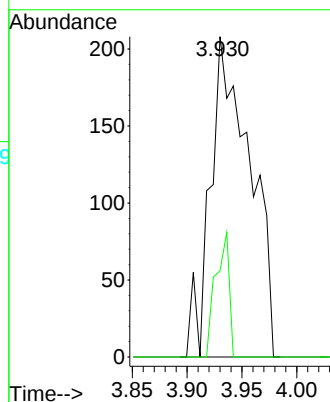
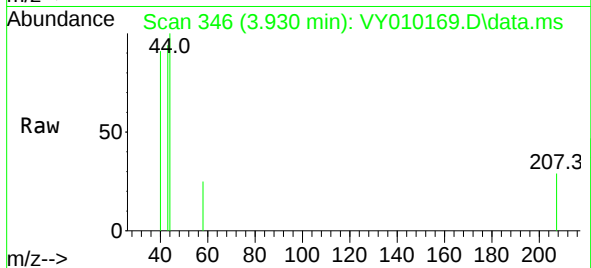
ETGI-354

Tgt Ion: 43 Resp: 523

Ion Ratio Lower Upper

43 100

58 26.9 27.4 41.0#



#25

2-Butanone

Concen: 1.276 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010169.D

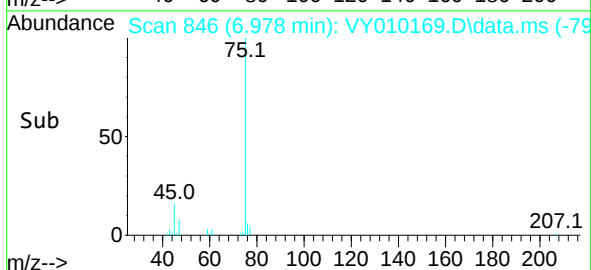
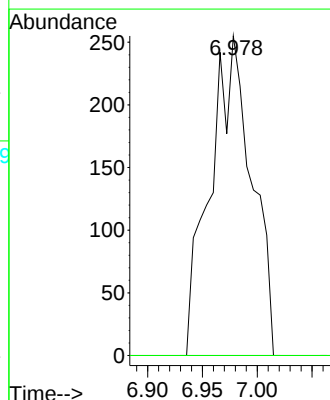
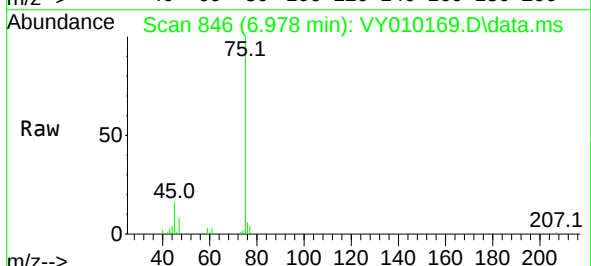
Acq: 23 Aug 2022 16:46

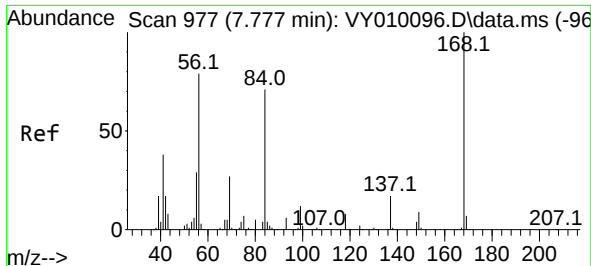
Tgt Ion: 43 Resp: 676

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#

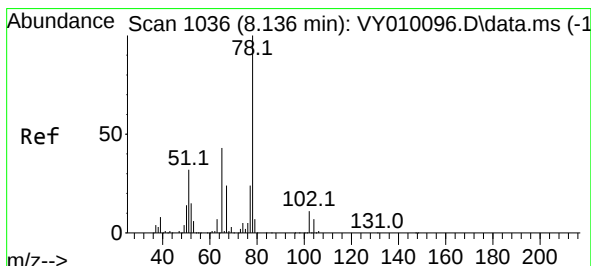
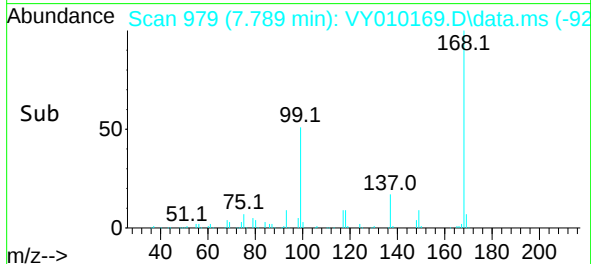
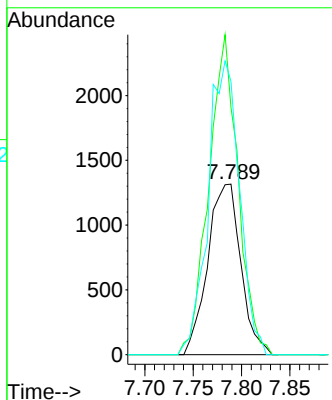
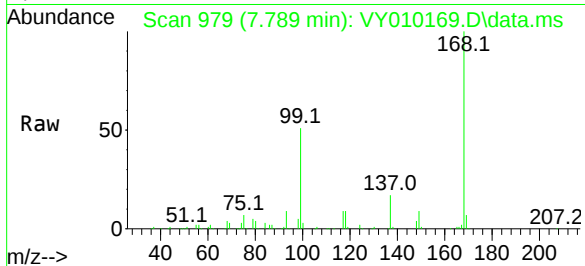




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010169.D
Acq: 23 Aug 2022 16:46

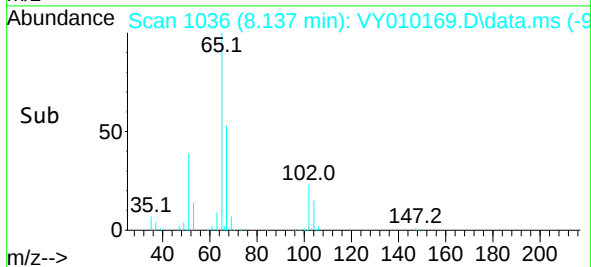
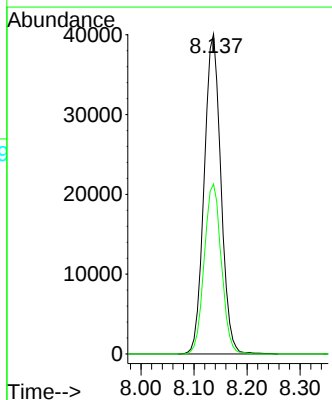
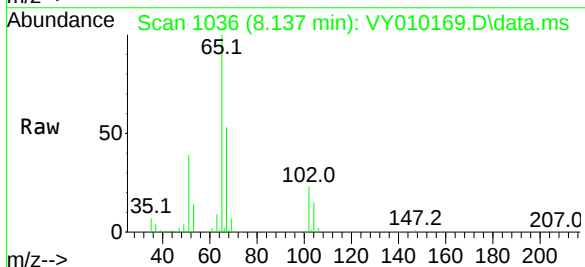
Instrument :
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ClientSampleId :
ETGI-354

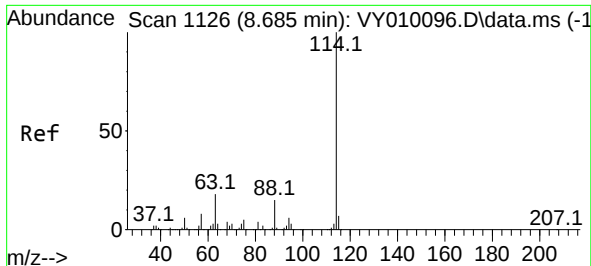
Tgt Ion: 56 Resp: 3127
Ion Ratio Lower Upper
56 100
69 144.9 27.3 40.9#
84 160.2 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 66.727 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010169.D
Acq: 23 Aug 2022 16:46

Tgt Ion: 65 Resp: 87821
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354

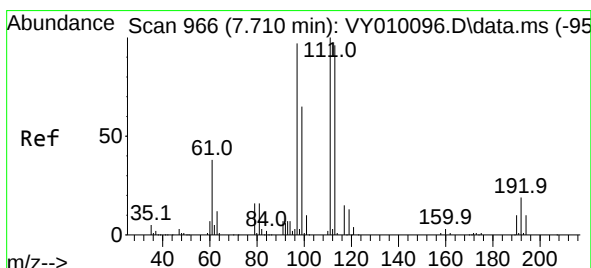
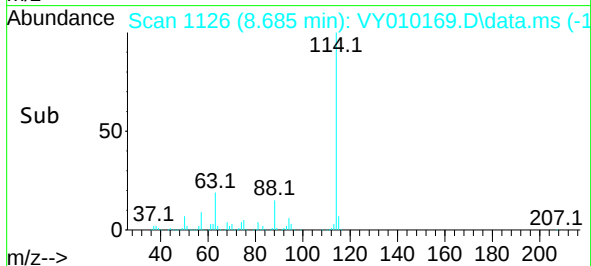
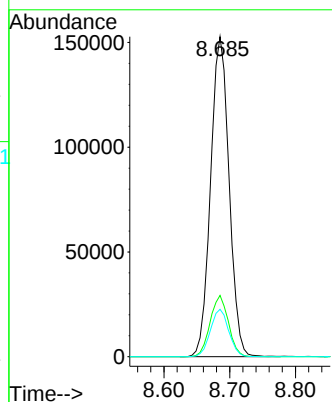
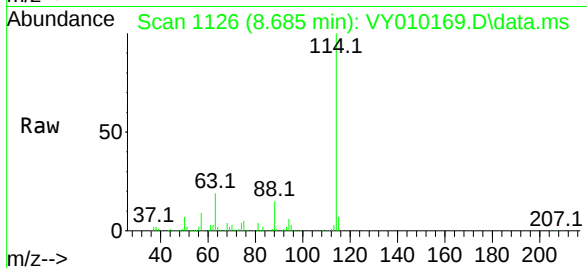
Tgt Ion:114 Resp: 298773

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.6

88 14.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 49.361 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

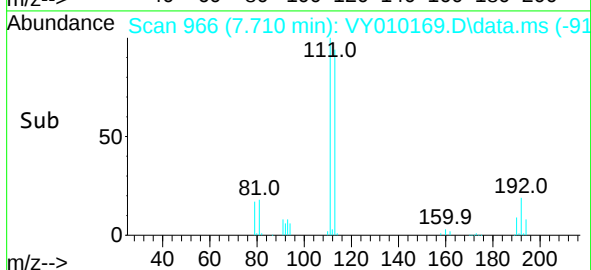
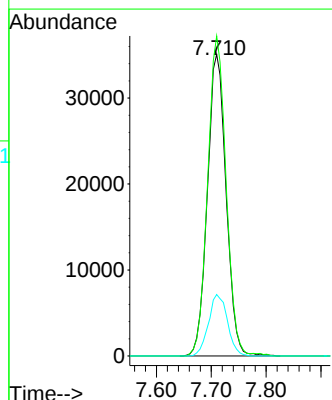
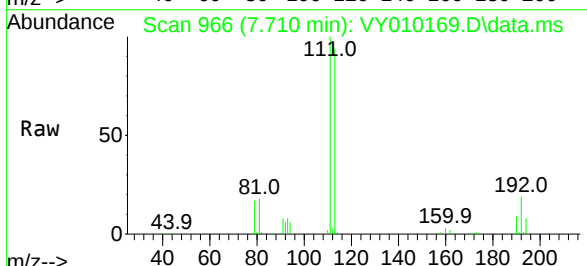
Tgt Ion:113 Resp: 83101

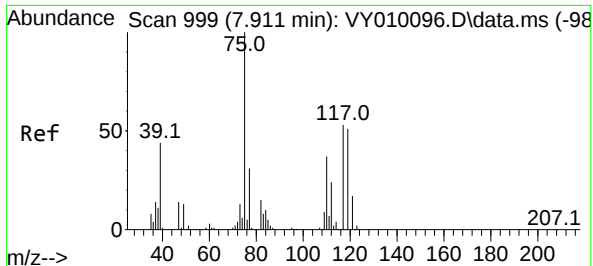
Ion Ratio Lower Upper

113 100

111 104.7 82.8 124.2

192 20.6 16.3 24.5





#36

1,1-Dichloropropene

Concen: 4.424 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

Instrument :

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ClientSampleId :

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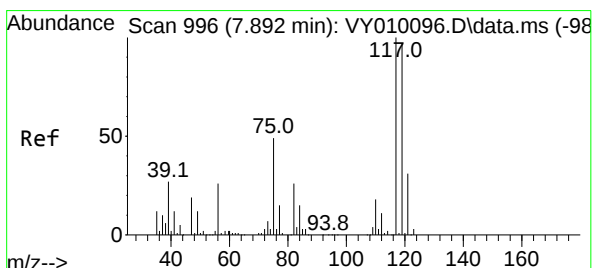
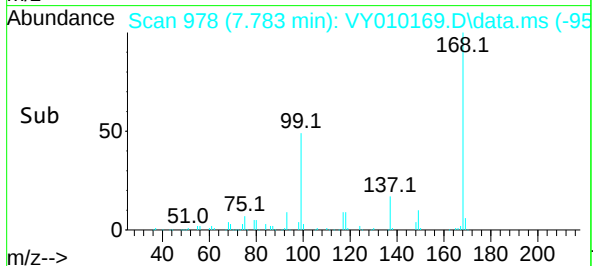
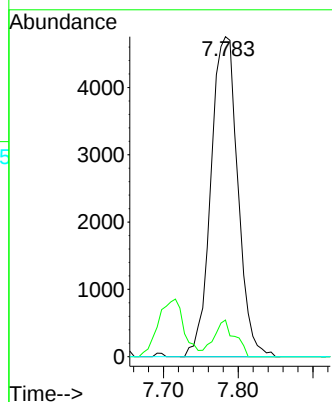
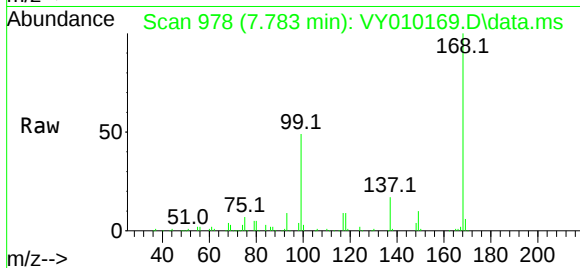
Tgt Ion: 75 Resp: 11888

Ion Ratio Lower Upper

75 100

110 9.1 18.6 56.0#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.374 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.109 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

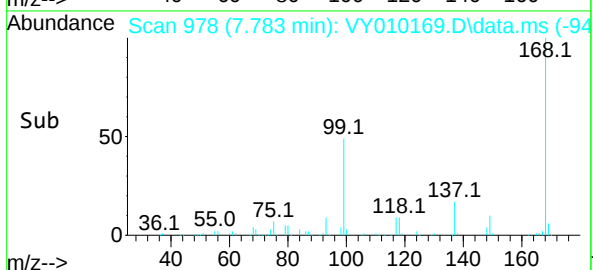
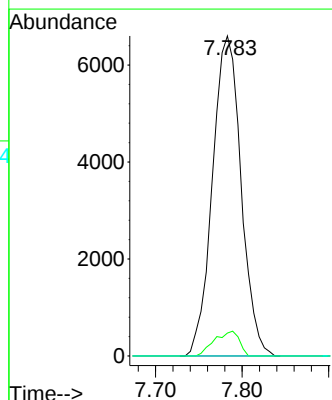
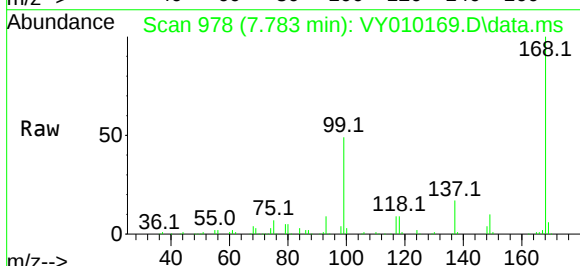
Tgt Ion: 117 Resp: 15146

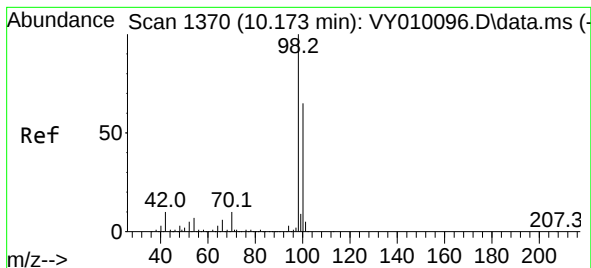
Ion Ratio Lower Upper

117 100

119 7.2 77.1 115.7#

121 0.0 24.7 37.1#

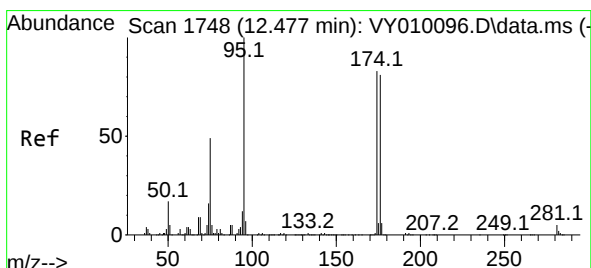
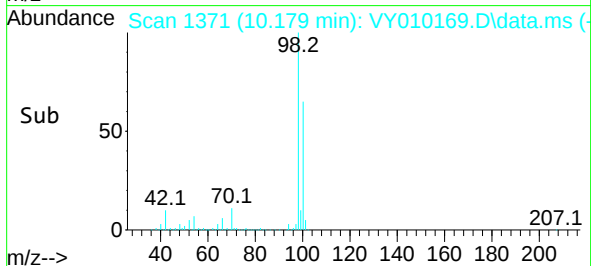
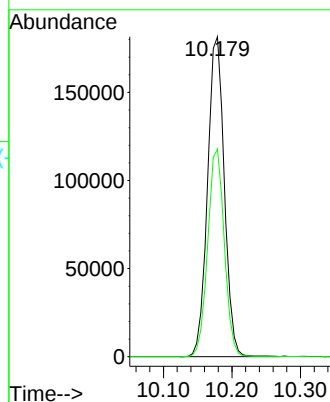
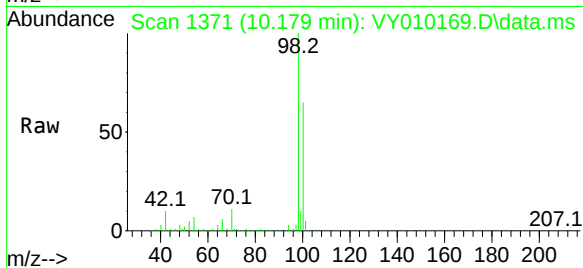




#50
Toluene-d8
Concen: 49.036 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010169.D
Acq: 23 Aug 2022 16:46

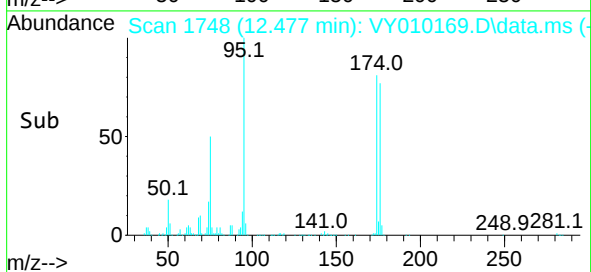
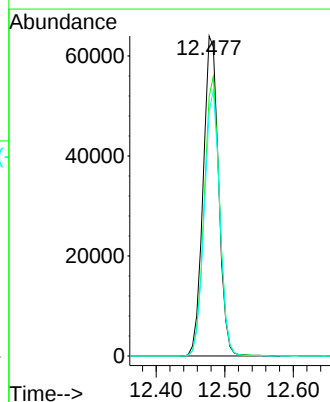
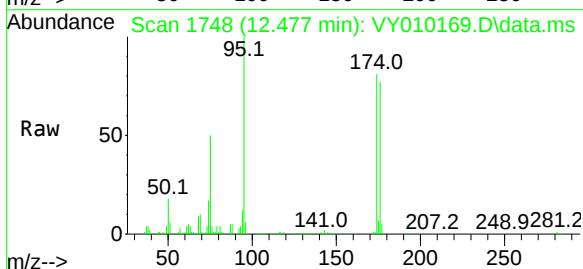
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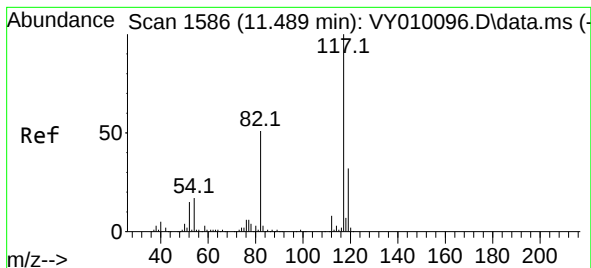
Tgt Ion: 98 Resp: 309337
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.446 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010169.D
Acq: 23 Aug 2022 16:46

Tgt Ion: 95 Resp: 100179
Ion Ratio Lower Upper
95 100
174 87.5 0.0 173.8
176 83.2 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354

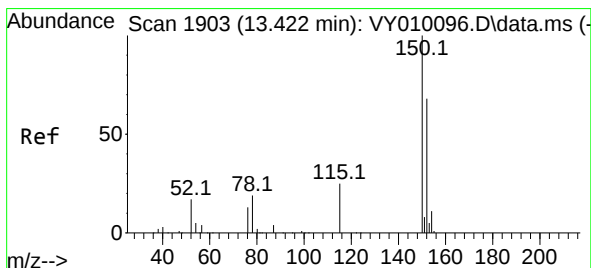
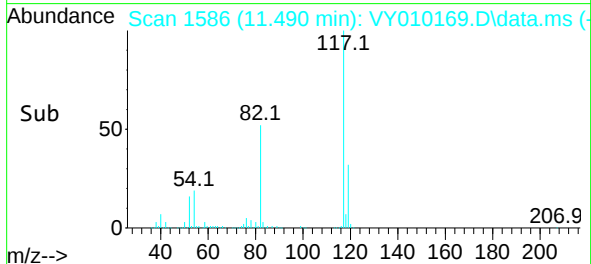
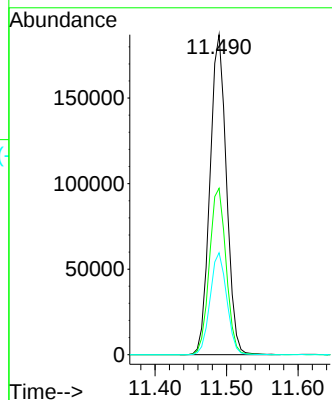
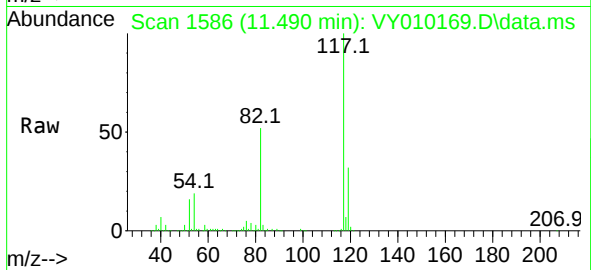
Tgt Ion:117 Resp: 299637

Ion Ratio Lower Upper

117 100

82 52.0 40.6 61.0

119 31.8 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

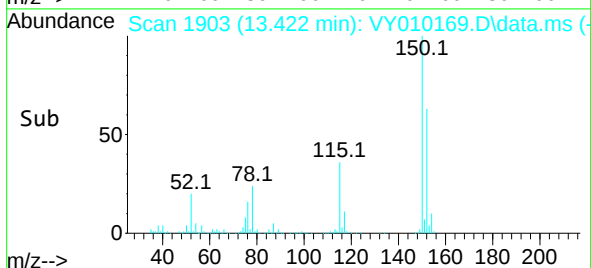
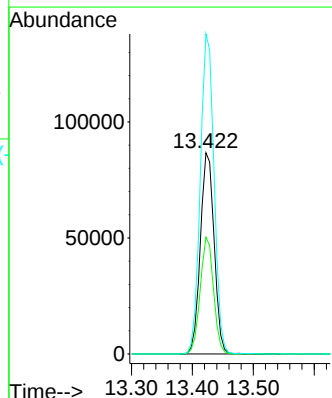
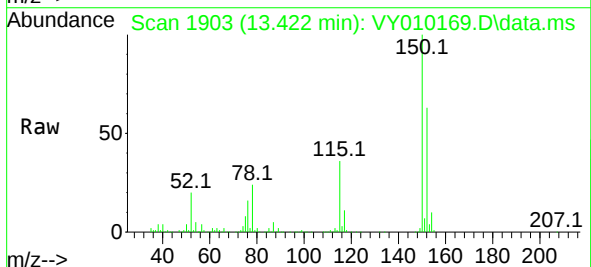
Tgt Ion:152 Resp: 136276

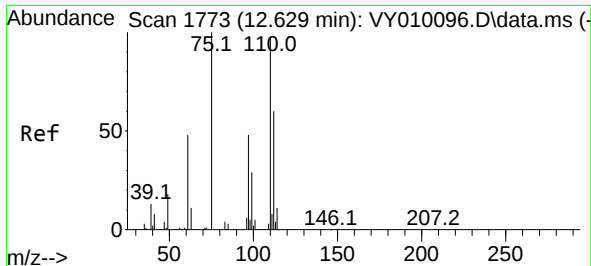
Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 158.4 0.0 346.2

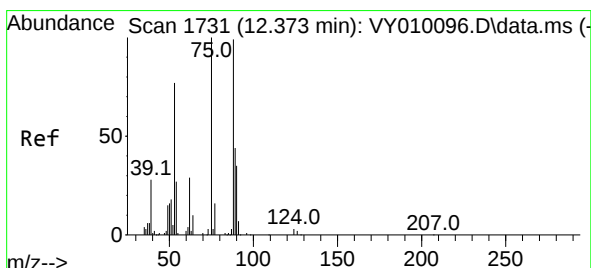
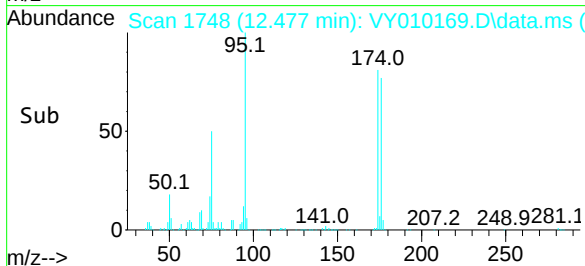
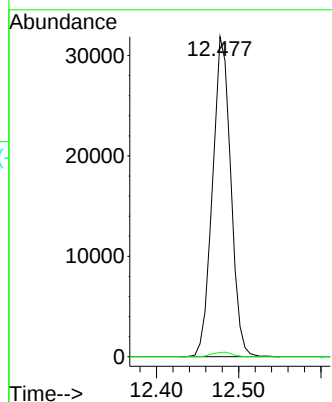
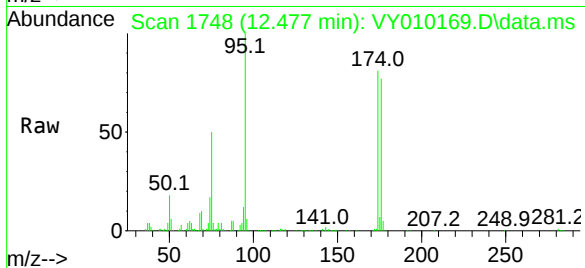




#76
1,2,3-Trichloropropane
Concen: 38.611 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY010169.D
Acq: 23 Aug 2022 16:46

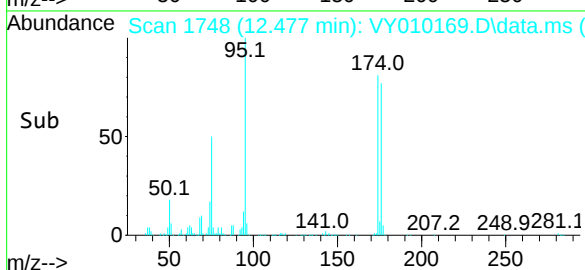
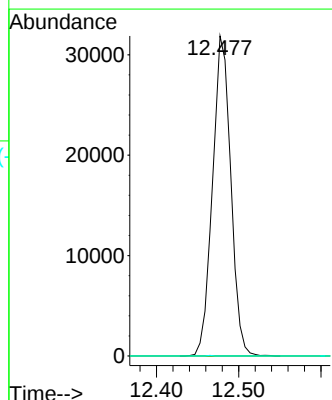
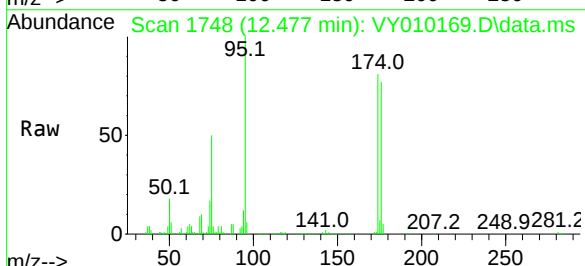
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

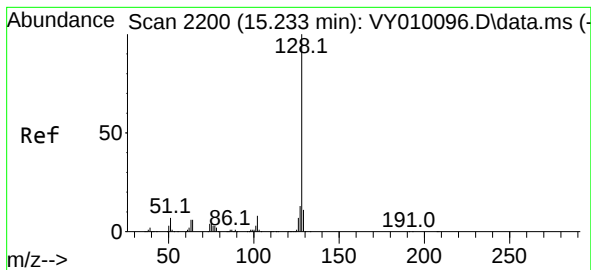
Tgt Ion: 75 Resp: 49278
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.551 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010169.D
Acq: 23 Aug 2022 16:46

Tgt Ion: 75 Resp: 49278
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 36.8 55.2#





#95

Naphthalene

Concen: 3.935 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY010169.D

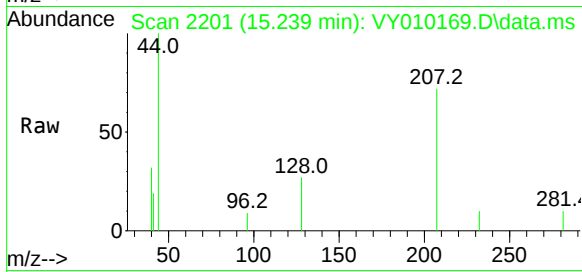
Acq: 23 Aug 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354



Tgt Ion:128 Resp: 272

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.9 13.3#

