

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010618.D
 Acq On : 22 Sep 2022 13:32
 Operator : KP/MD
 Sample : N4703-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-363

Quant Time: Sep 22 16:25:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

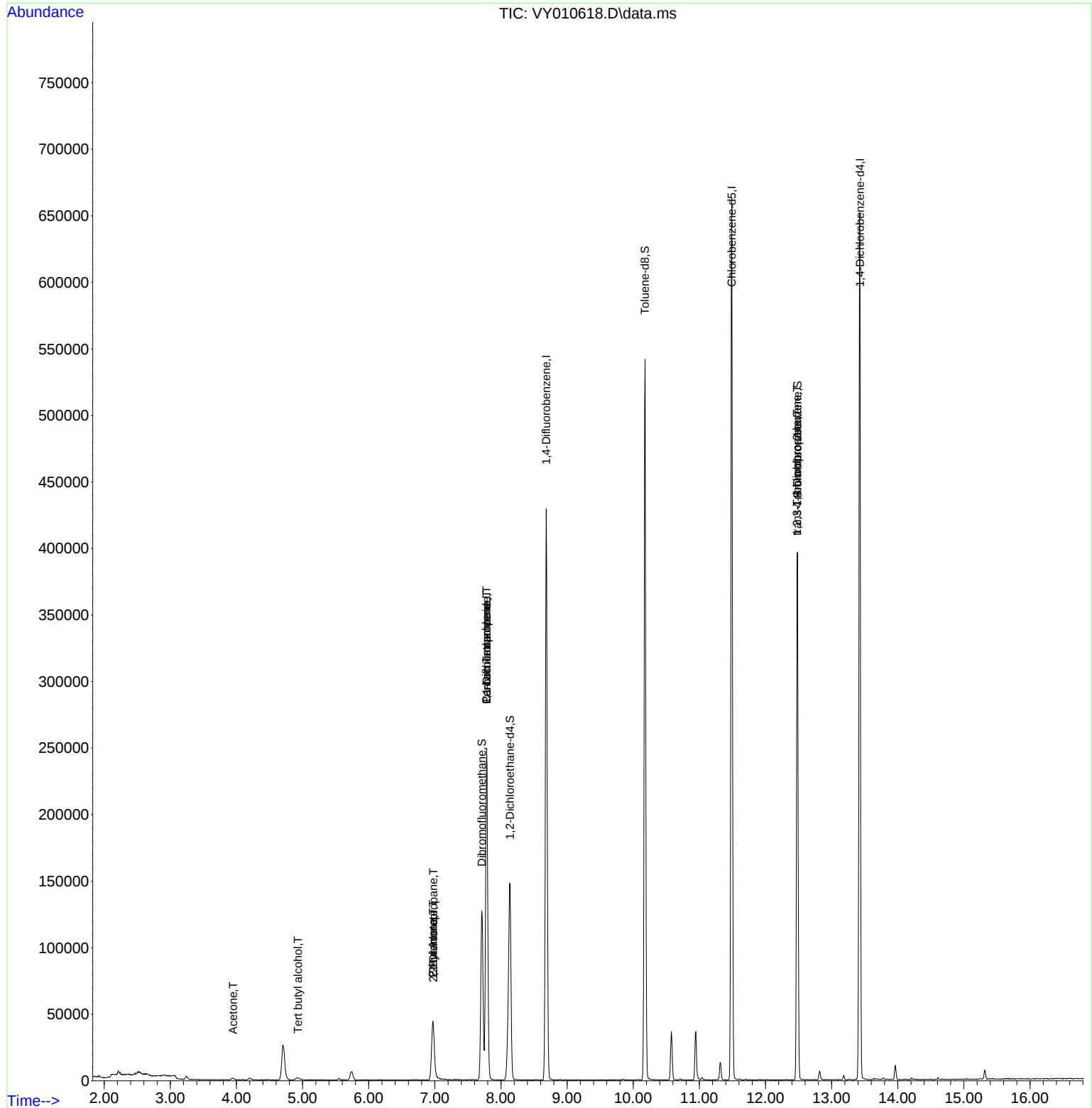
Internal Standards						
1) Pentafluorobenzene	7.783	168	191568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	361099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	364173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	102233	55.795	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.580%			
35) Dibromofluoromethane	7.710	113	91728	39.803	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 79.600%			
50) Toluene-d8	10.179	98	346025	41.213	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 82.420%			
62) 4-Bromofluorobenzene	12.483	95	114292	35.367	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	597	Below Cal		84
3) Chloromethane	2.107	50	588	Below Cal		89
4) Vinyl Chloride	2.357	62	23	Below Cal	#	43
5) Bromomethane	2.656	94	355	Below Cal	#	77
11) Tert butyl alcohol	4.930	59	2374	3.470 ug/l	#	77
16) Acetone	3.948	43	2603	6.966 ug/l		91
18) Methyl Acetate	4.479	43	706	Below Cal	#	56
20) Methylene Chloride	4.704	84	20072	Below Cal	#	84
25) 2-Butanone	6.972	43	2240	3.833 ug/l	#	83
26) 2,2-Dichloropropane	6.978	77	3379	1.216 ug/l	#	55
31) Cyclohexane	7.783	56	3849	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	15083	5.874 ug/l	#	50
37) Ethyl Acetate	6.972	43	2240	1.510 ug/l	#	1
38) Carbon Tetrachloride	7.783	117	18914	6.406 ug/l	#	16
76) 1,2,3-Trichloropropane	12.477	75	59282	37.020 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59282	82.311 ug/l	#	7

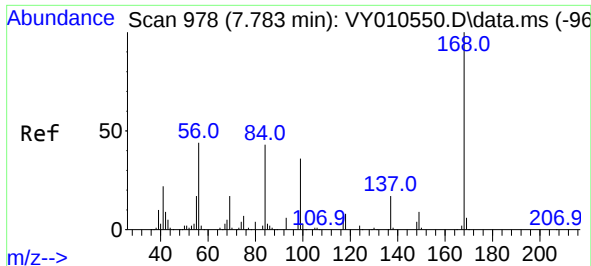
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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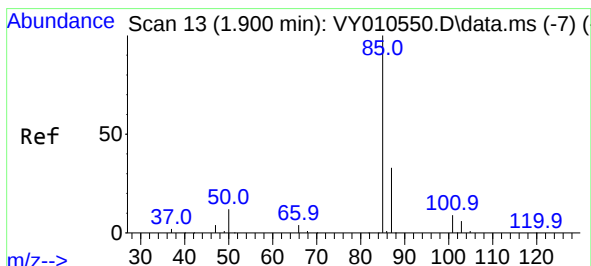
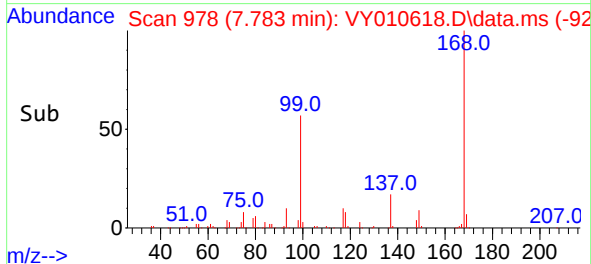
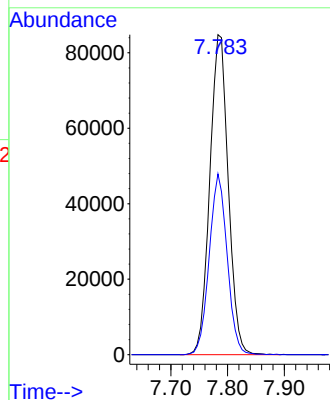
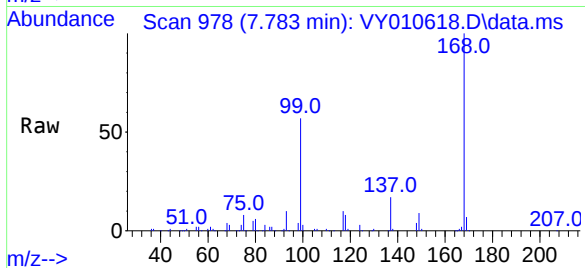




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

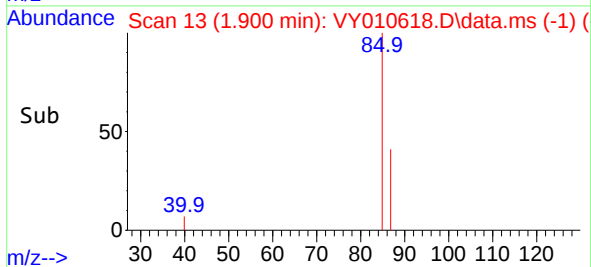
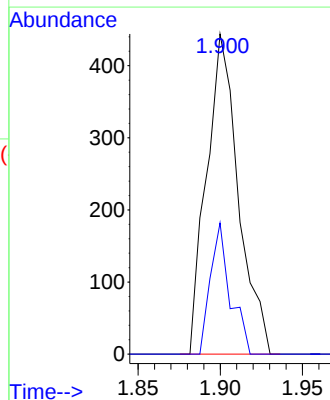
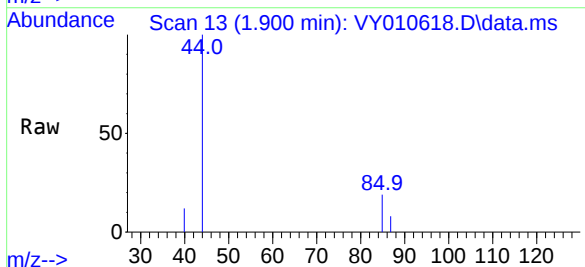
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

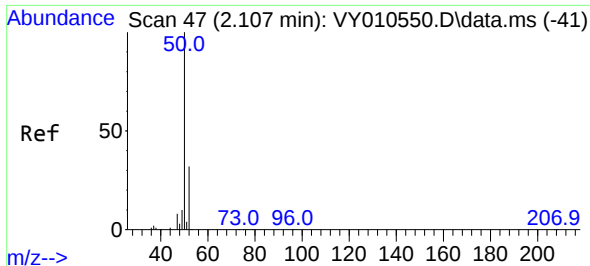
Tgt Ion:168 Resp: 191568
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion: 85 Resp: 597
Ion Ratio Lower Upper
85 100
87 41.0 16.1 48.2

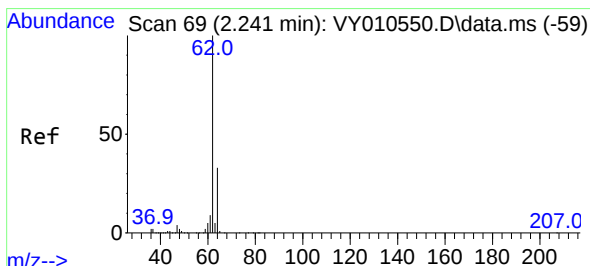
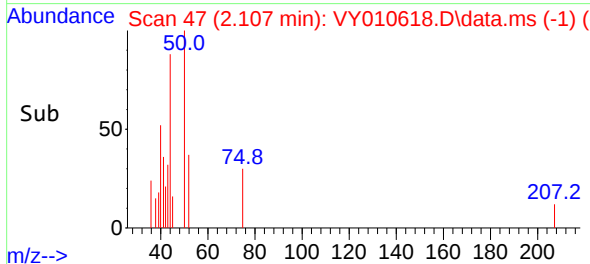
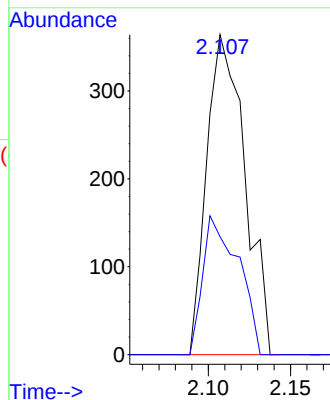
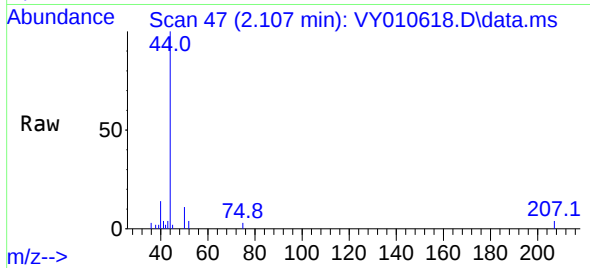




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

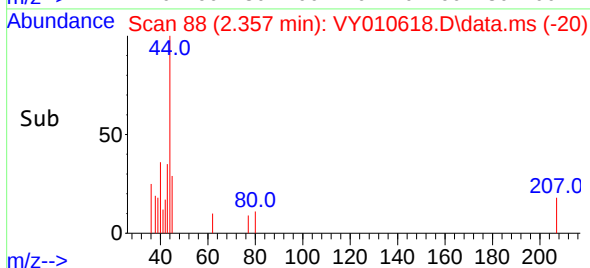
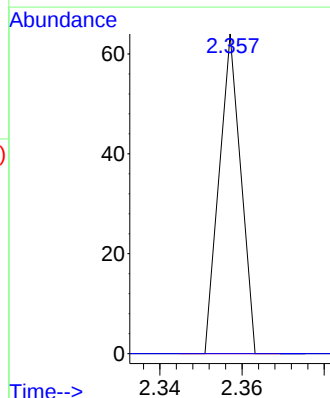
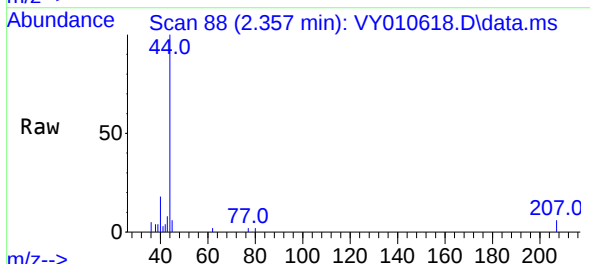
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

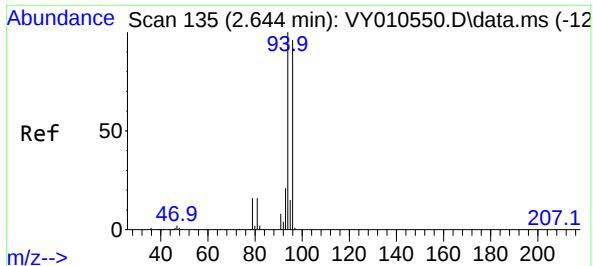
Tgt Ion: 50 Resp: 588
Ion Ratio Lower Upper
50 100
52 36.8 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.357 min Scan# 88
Delta R.T. 0.116 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion: 62 Resp: 23
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

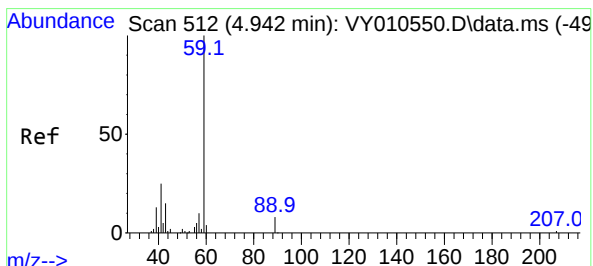
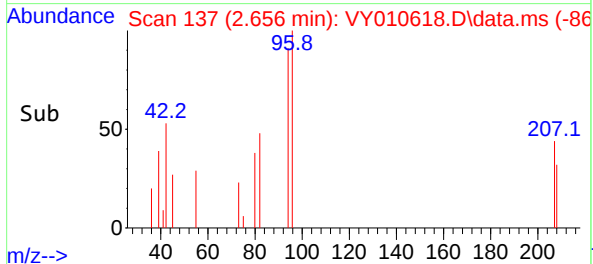
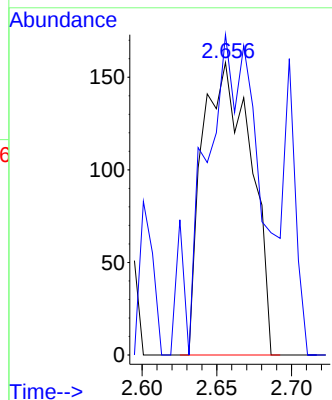
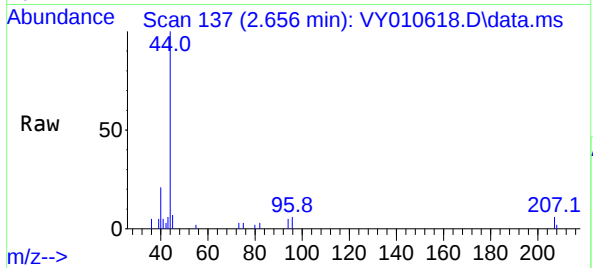




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

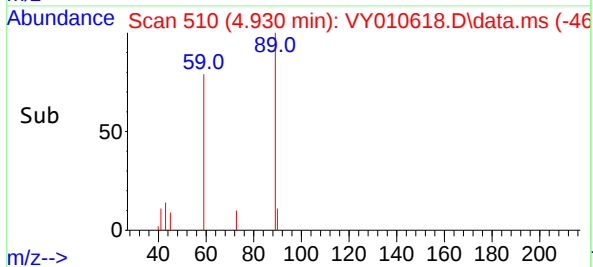
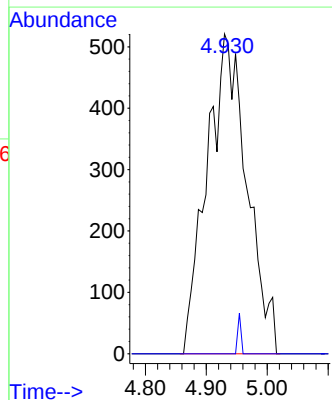
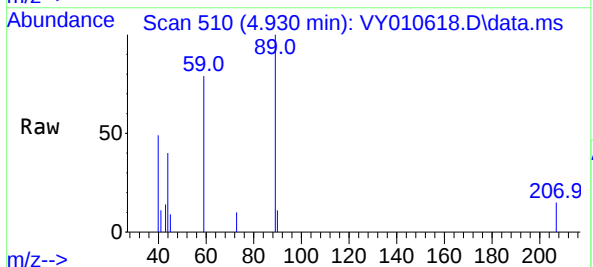
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

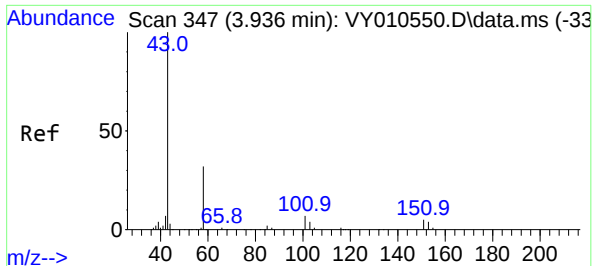
Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 69.6 73.5 110.3#



#11
Tert butyl alcohol
Concen: 3.470 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion: 59 Resp: 2374
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

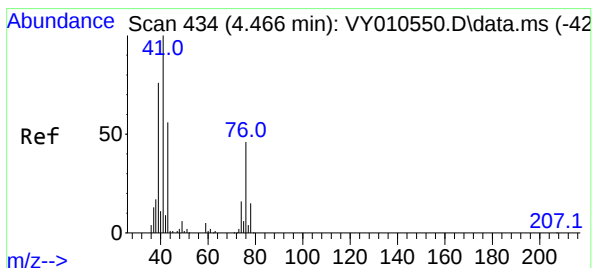
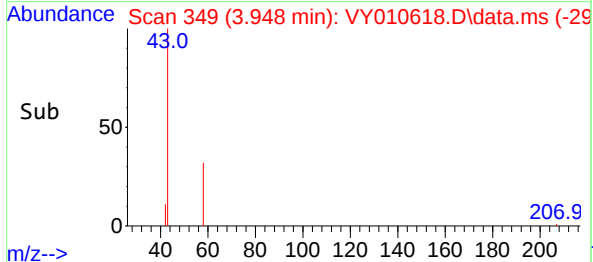
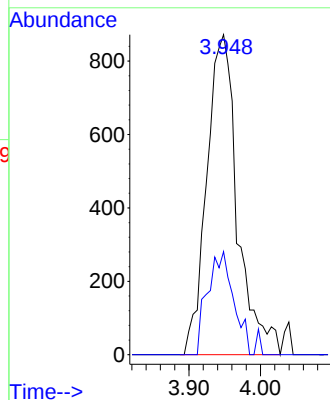
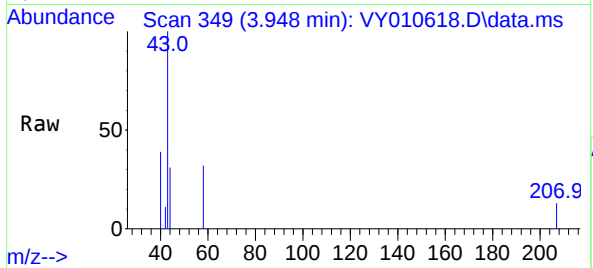




#16
Acetone
Concen: 6.966 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

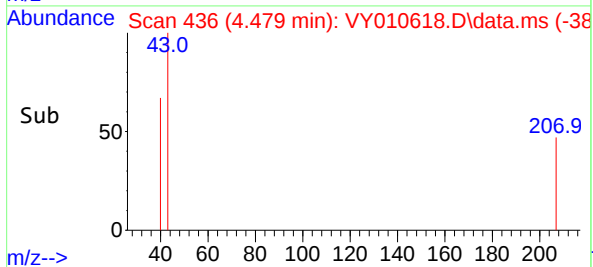
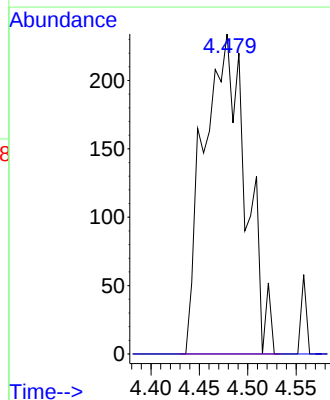
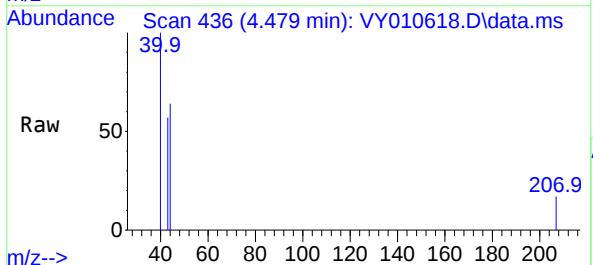
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

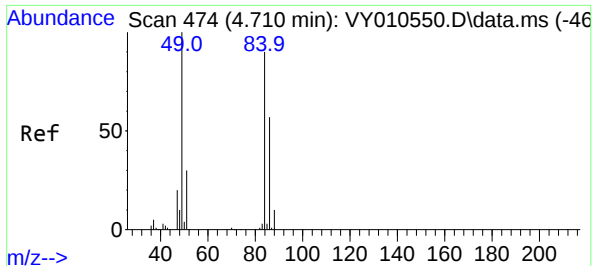
Tgt Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
58 32.2 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion: 43 Resp: 706
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

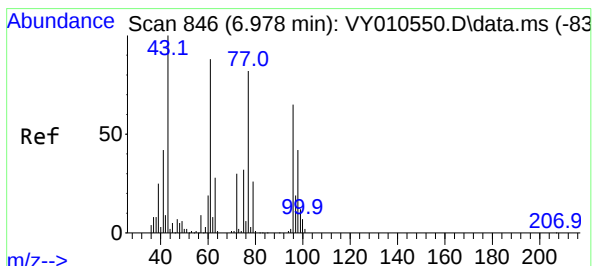
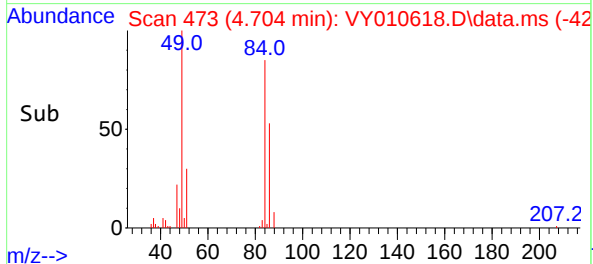
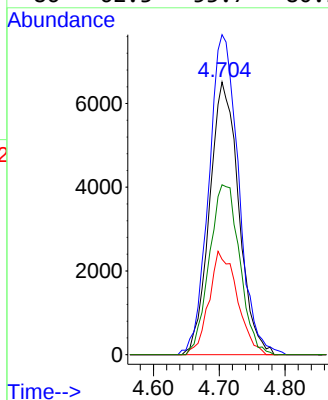
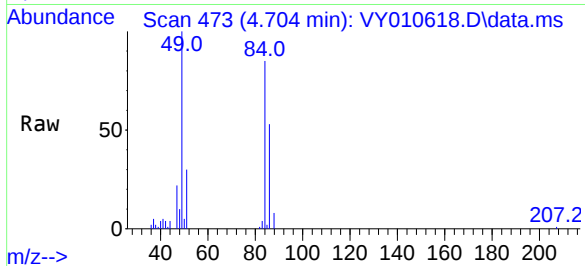




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

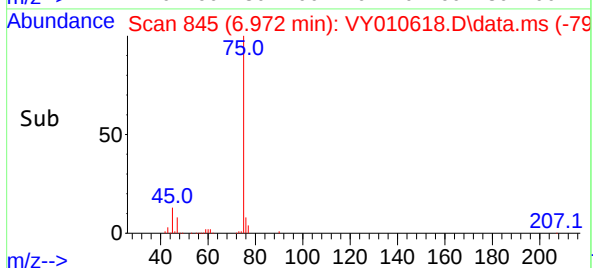
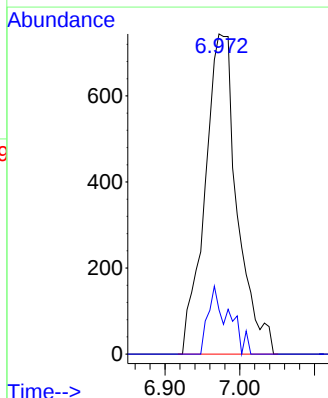
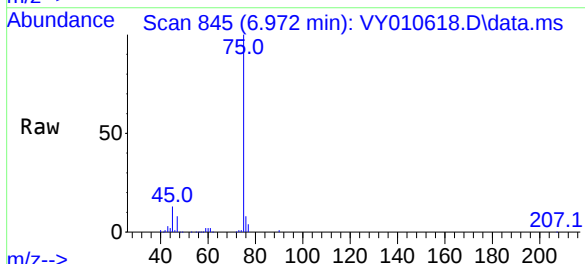
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

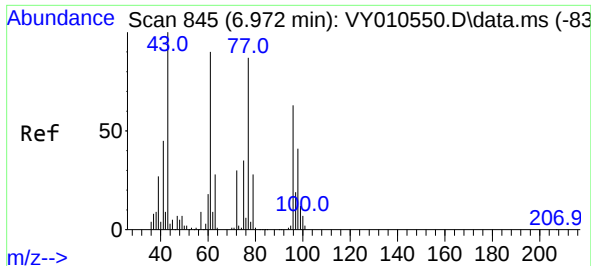
Tgt Ion: 84 Resp: 20072
Ion Ratio Lower Upper
84 100
49 117.4 114.4 171.6
51 35.0 35.3 52.9#
86 62.3 53.7 80.5



#25
2-Butanone
Concen: 3.833 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion: 43 Resp: 2240
Ion Ratio Lower Upper
43 100
72 13.8 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 1.216 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010618.D

Acq: 22 Sep 2022 13:32

Instrument :

MSVOA_Y

ClientSampleId :

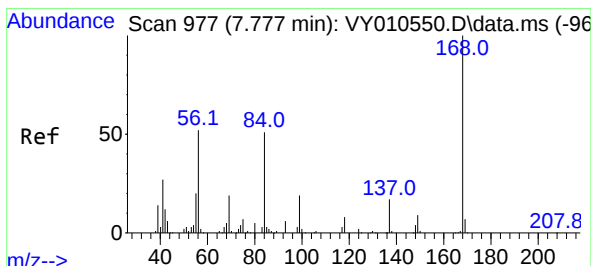
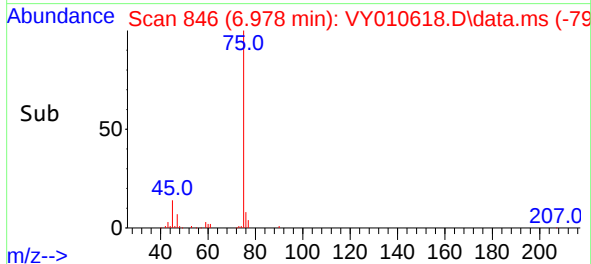
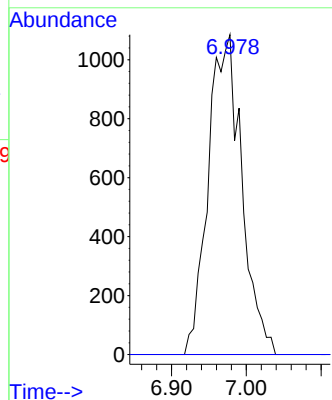
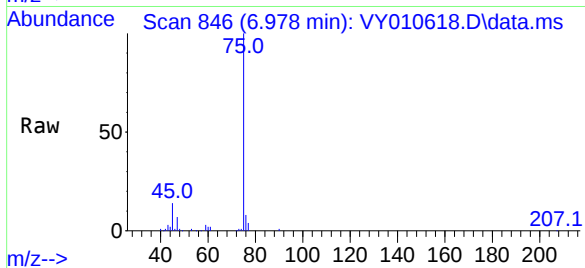
ETGI-363

Tgt Ion: 77 Resp: 3379

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010618.D

Acq: 22 Sep 2022 13:32

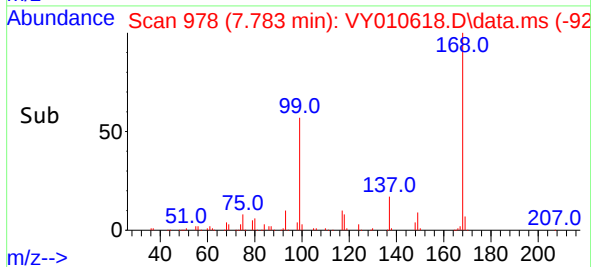
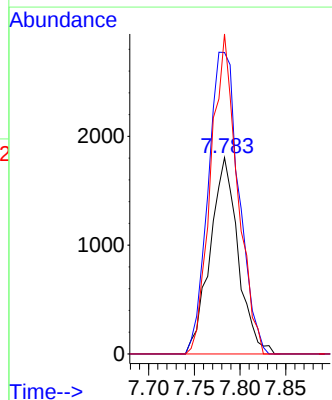
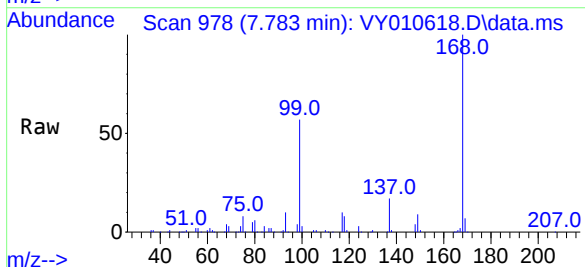
Tgt Ion: 56 Resp: 3849

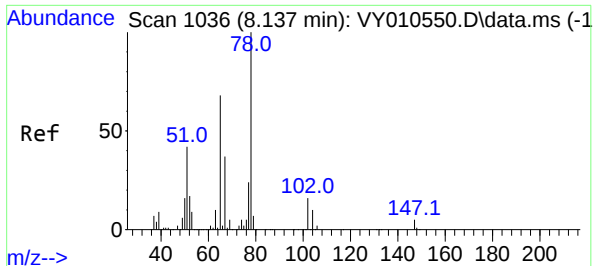
Ion Ratio Lower Upper

56 100

69 153.5 26.7 40.1#

84 162.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.795 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY010618.D

Acq: 22 Sep 2022 13:32

Instrument :

MSVOA_Y

ClientSampleId :

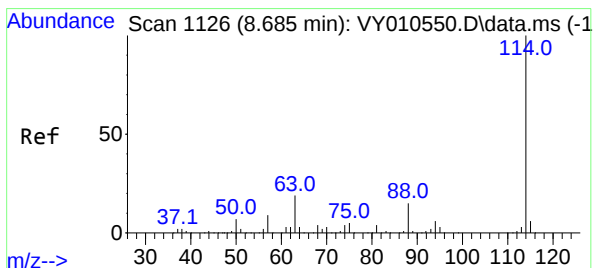
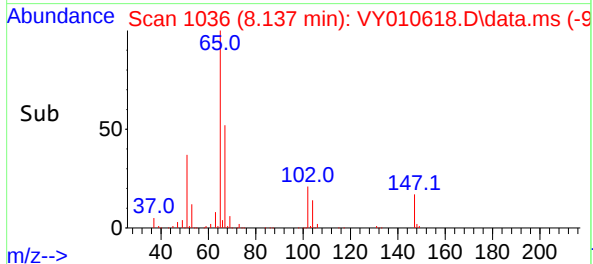
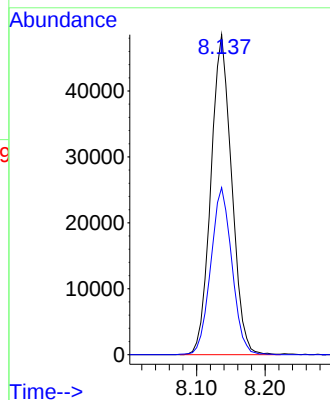
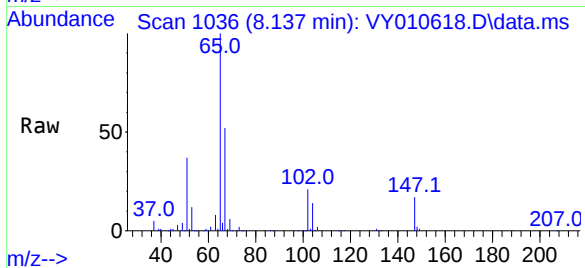
ETGI-363

Tgt Ion: 65 Resp: 102233

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010618.D

Acq: 22 Sep 2022 13:32

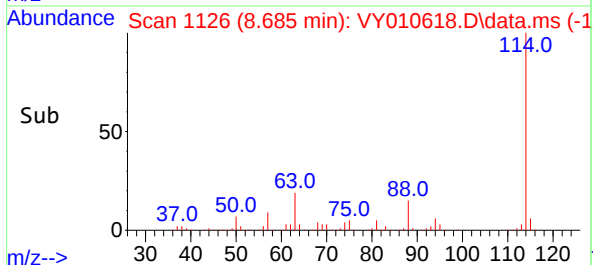
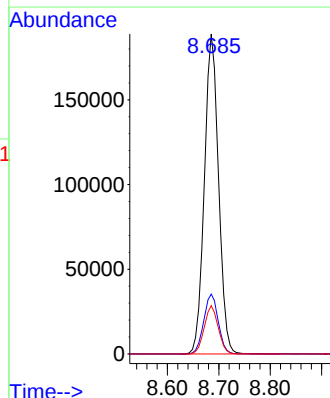
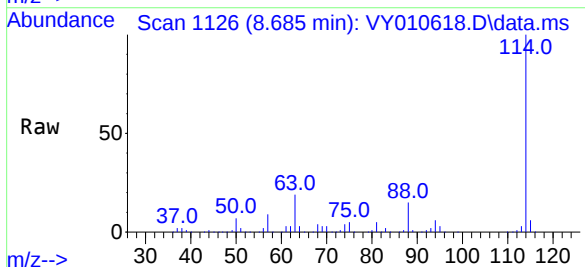
Tgt Ion: 114 Resp: 361099

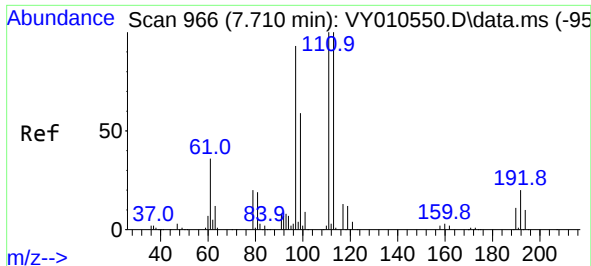
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.1 0.0 31.8

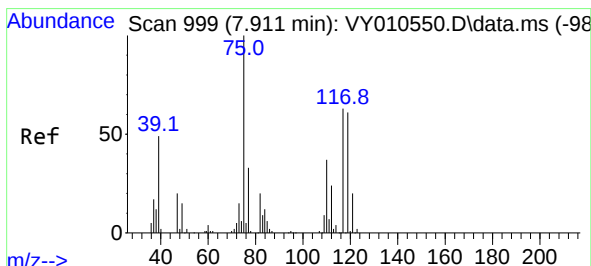
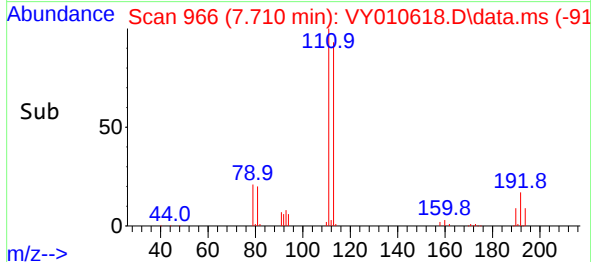
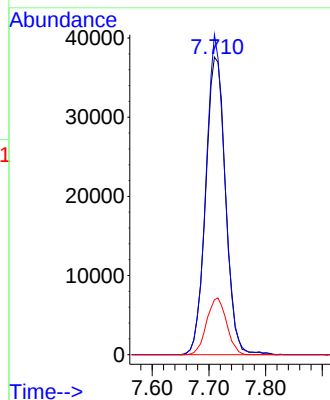
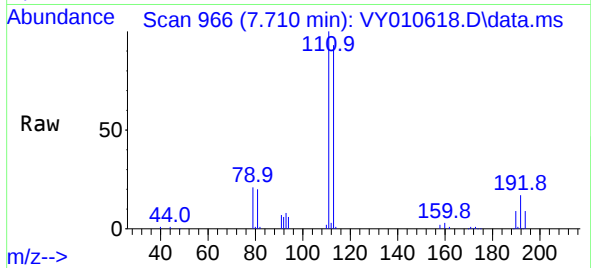




#35
Dibromofluoromethane
Concen: 39.803 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

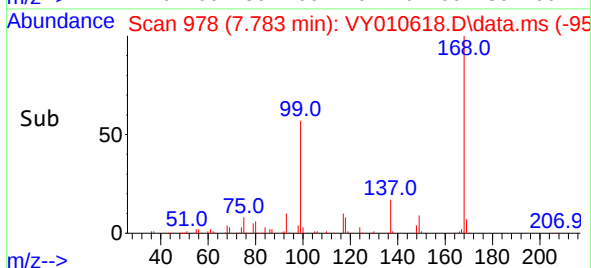
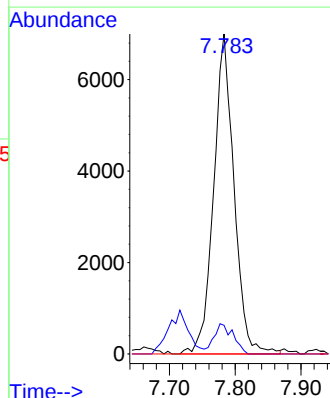
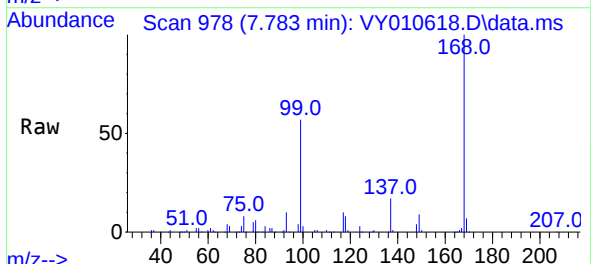
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

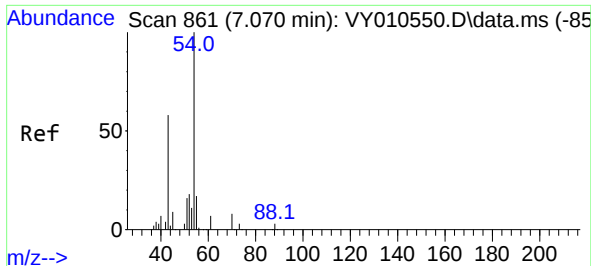
Tgt Ion:	113	Resp:	91728
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	19.0	17.6	26.4



#36
1,1-Dichloropropene
Concen: 5.874 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion:	75	Resp:	15083
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 1.510 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY010618.D

Acq: 22 Sep 2022 13:32

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-363

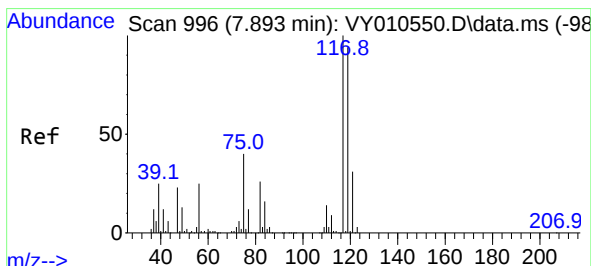
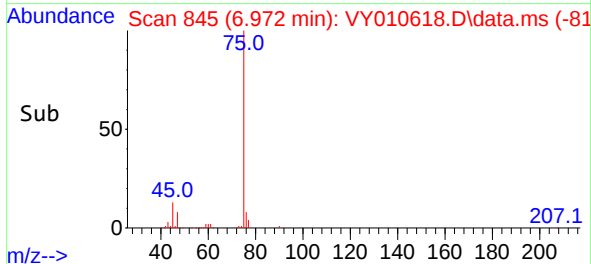
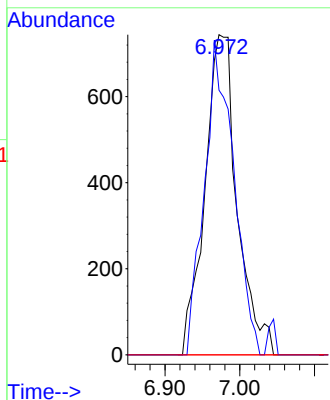
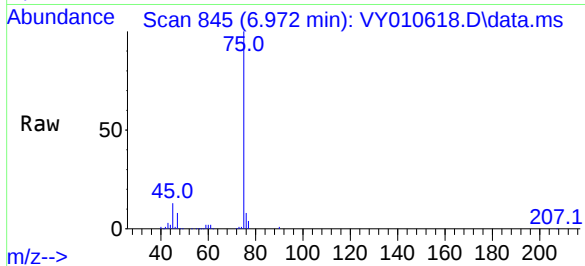
Tgt Ion: 43 Resp: 2240

Ion Ratio Lower Upper

43 100

61 88.9 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.406 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY010618.D

Acq: 22 Sep 2022 13:32

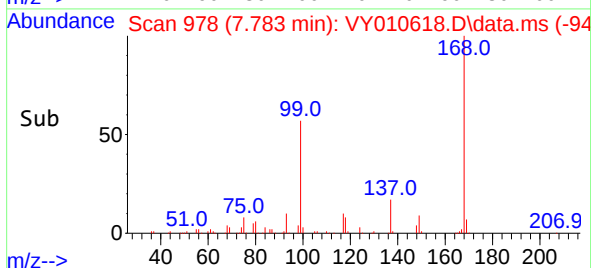
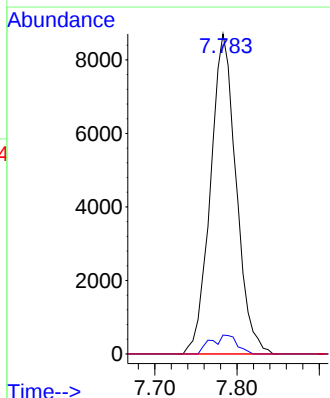
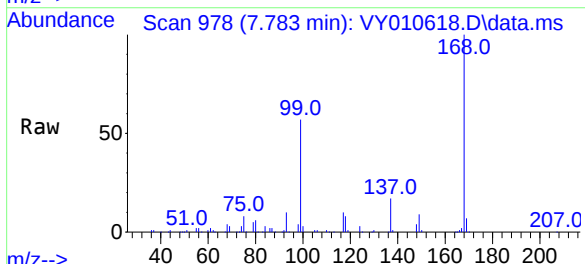
Tgt Ion: 117 Resp: 18914

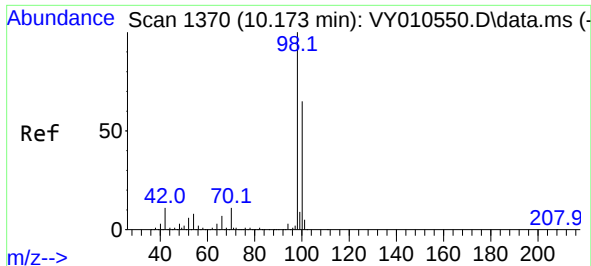
Ion Ratio Lower Upper

117 100

119 5.9 77.9 116.9#

121 0.0 24.8 37.2#

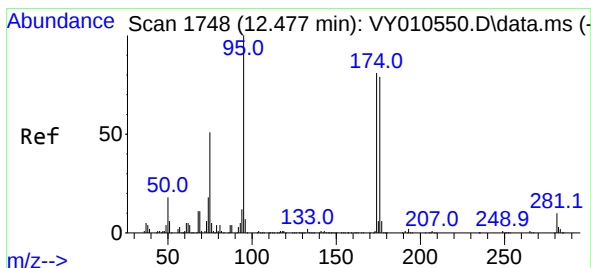
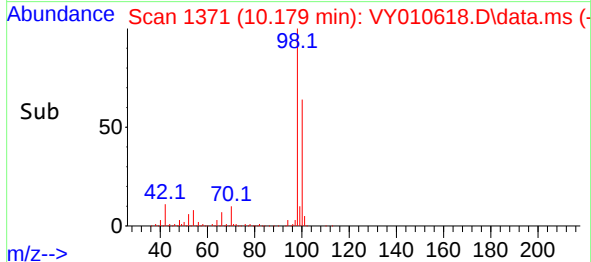
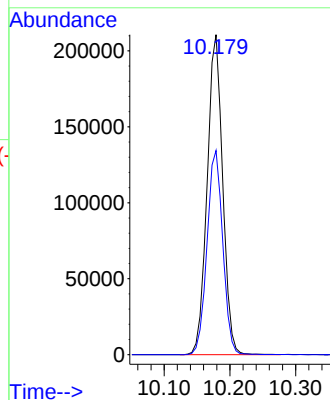
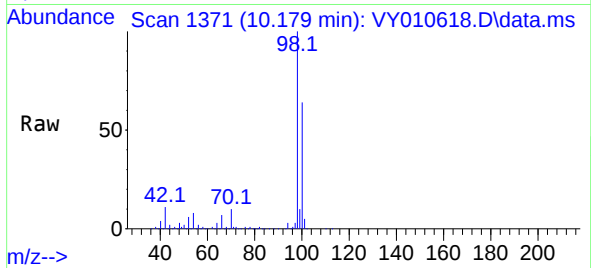




#50
Toluene-d8
Concen: 41.213 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

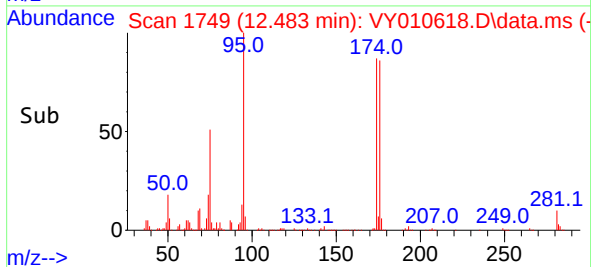
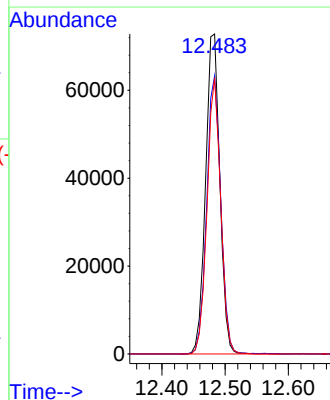
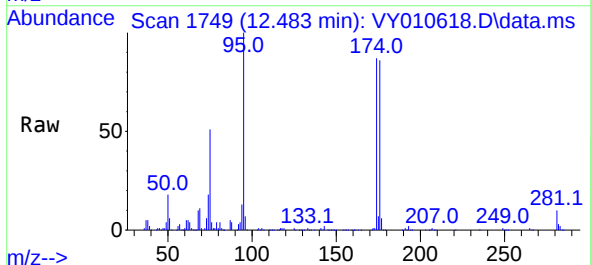
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

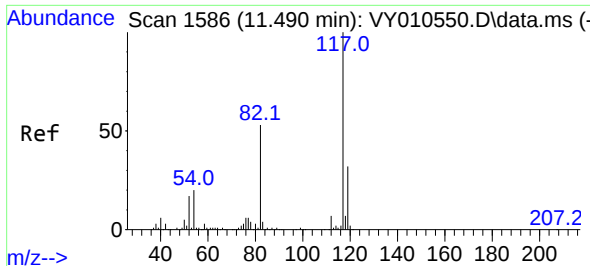
Tgt Ion: 98 Resp: 346025
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.367 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion: 95 Resp: 114292
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.6 0.0 175.8

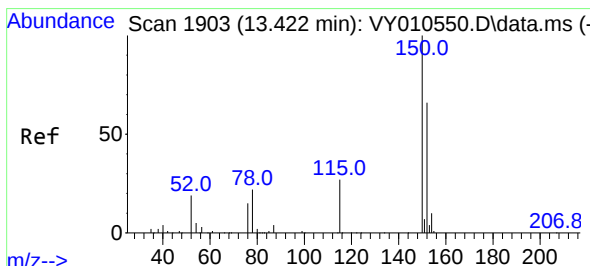
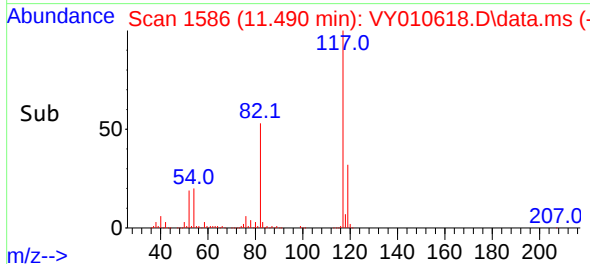
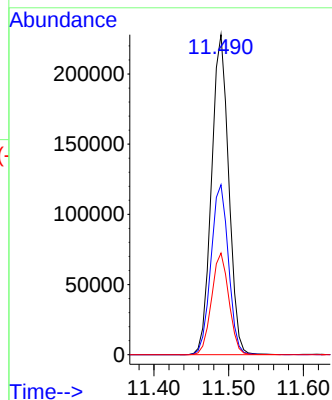
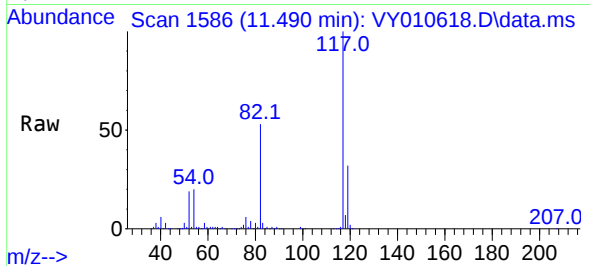




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

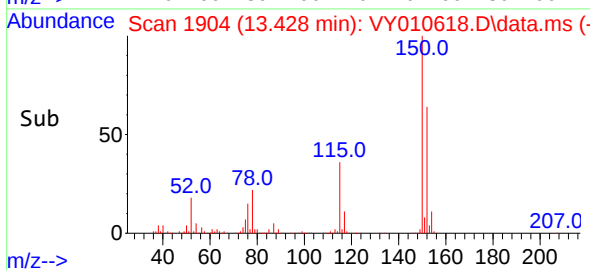
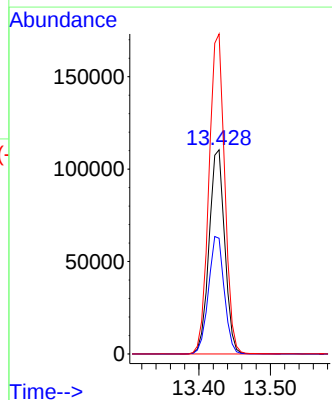
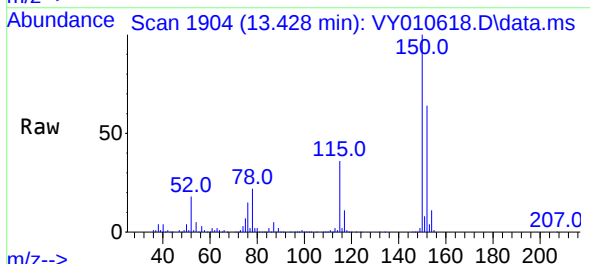
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

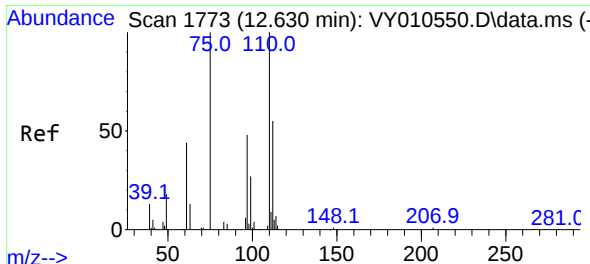
Tgt Ion:117 Resp: 364173
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion:152 Resp: 167782
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.9 0.0 347.6

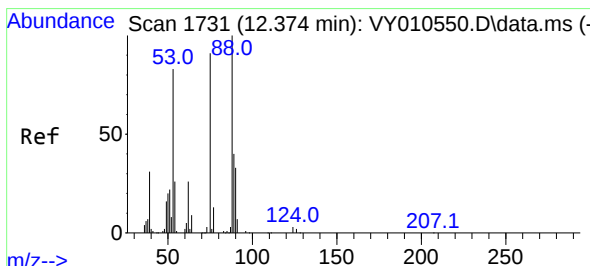
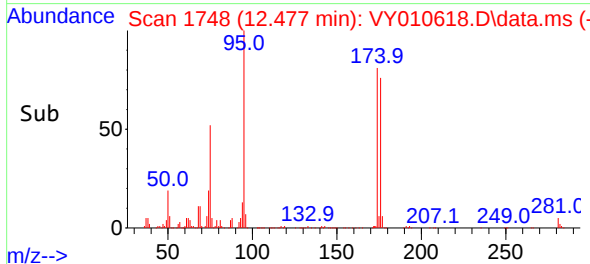
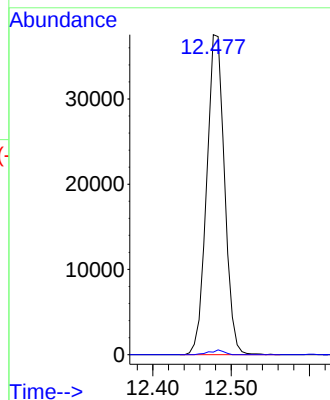
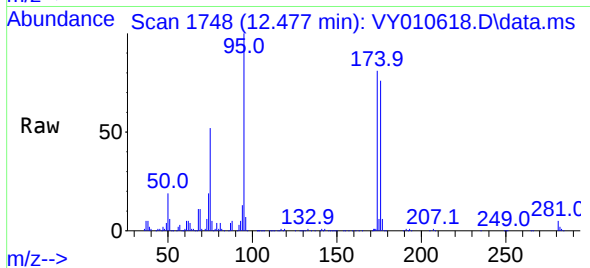




#76
1,2,3-Trichloropropane
Concen: 37.020 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-363

Tgt Ion: 75 Resp: 59282
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.311 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010618.D
Acq: 22 Sep 2022 13:32

Tgt Ion: 75 Resp: 59282
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

