

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010422.D
 Acq On : 09 Sep 2022 17:00
 Operator : KP/MD
 Sample : N4495-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-345

Quant Time: Sep 09 18:03:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

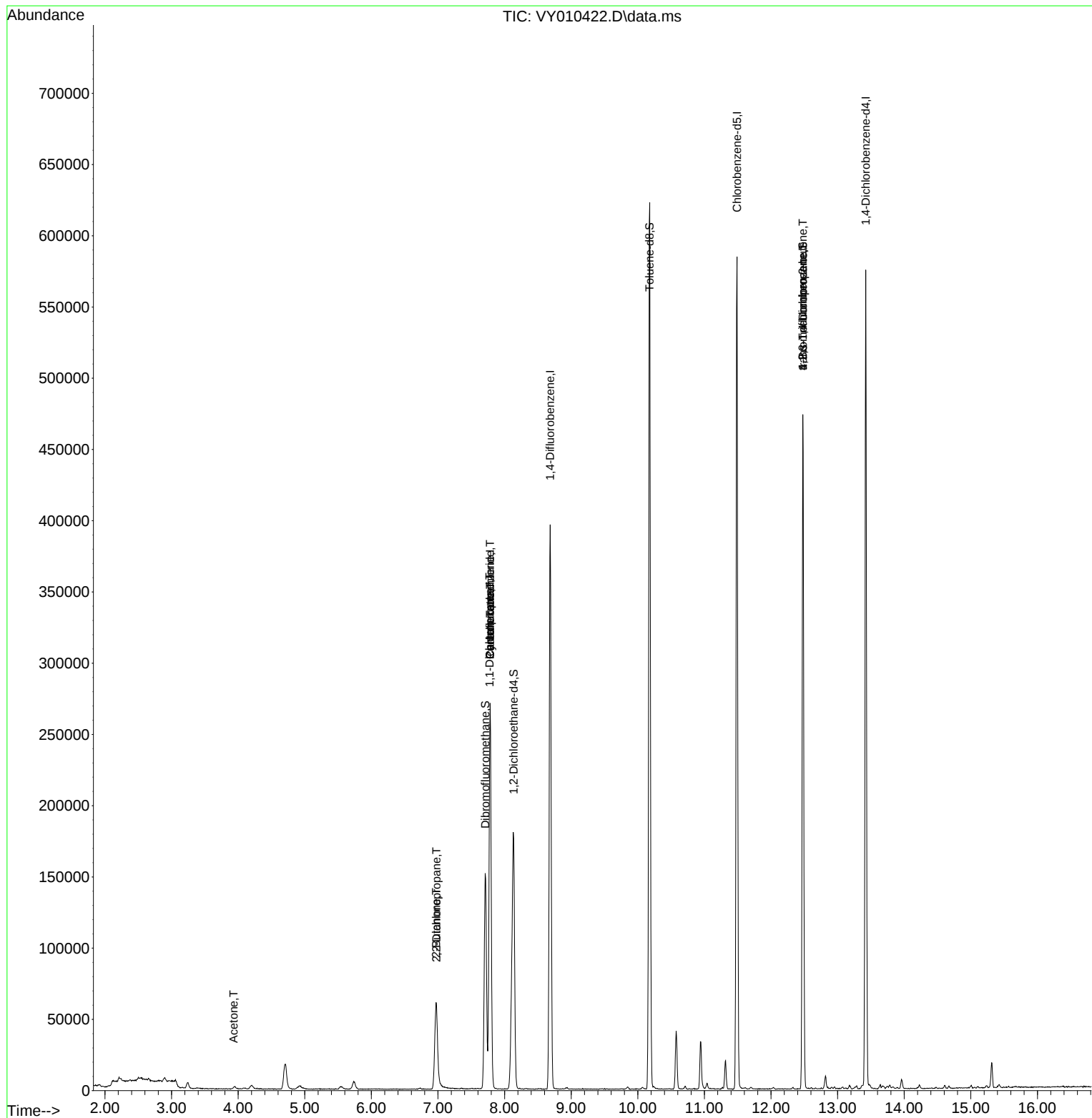
Internal Standards						
1) Pentafluorobenzene	7.783	168	217850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	354989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	328291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117148	53.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.780%	
35) Dibromofluoromethane	7.710	113	109327	43.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.720%	
50) Toluene-d8	10.179	98	415394	50.838	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.477	95	139545	42.115	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	852	Below Cal		99
11) Tert butyl alcohol	4.936	59	3245	Below Cal	#	81
16) Acetone	3.930	43	1440	2.860	ug/l	96
20) Methylene Chloride	4.710	84	14337	Below Cal	#	81
25) 2-Butanone	6.972	43	3262	4.076	ug/l	96
26) 2,2-Dichloropropane	6.978	77	5046	1.293	ug/l #	55
31) Cyclohexane	7.783	56	4173	1.126	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	15113	4.379	ug/l #	52
38) Carbon Tetrachloride	7.783	117	20707	5.393	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	71191	43.666	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71191	96.954	ug/l #	7

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

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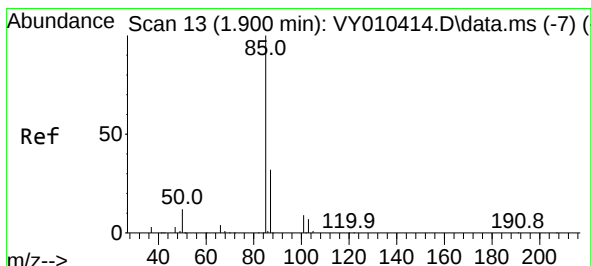
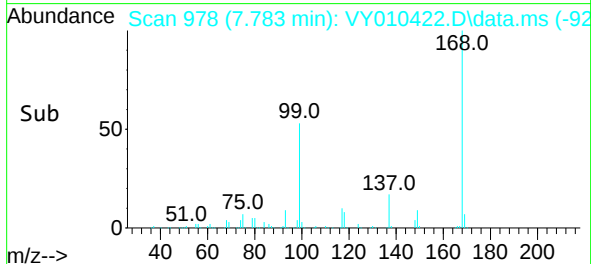
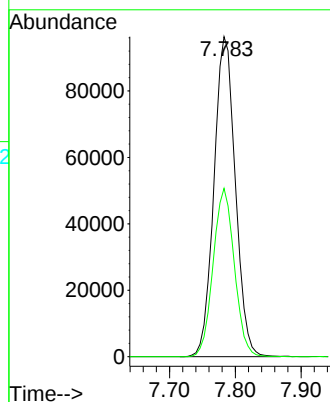
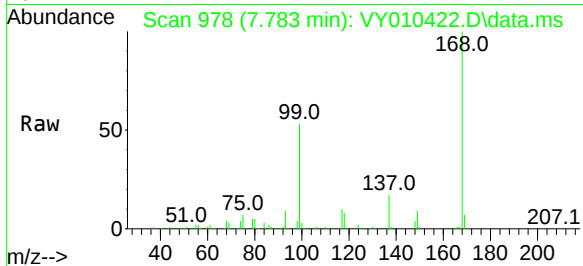




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

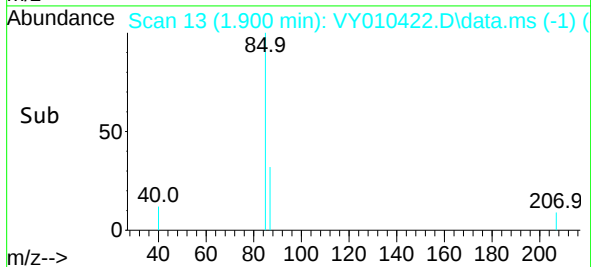
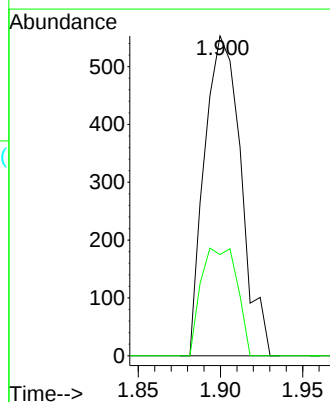
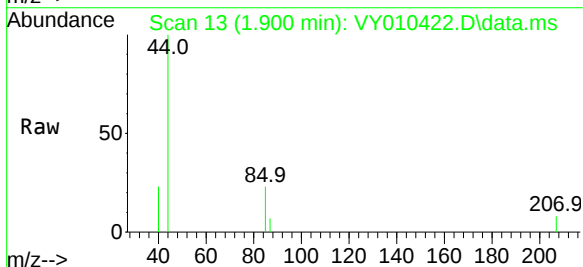
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-345

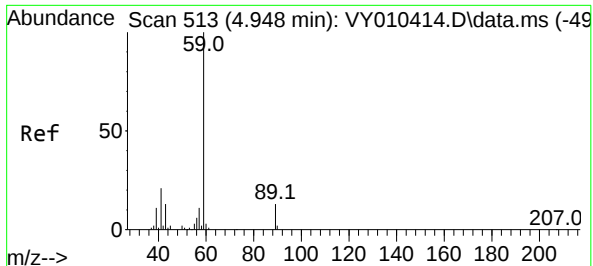
Tgt Ion:168 Resp: 217850
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

Tgt Ion: 85 Resp: 852
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY010422.D

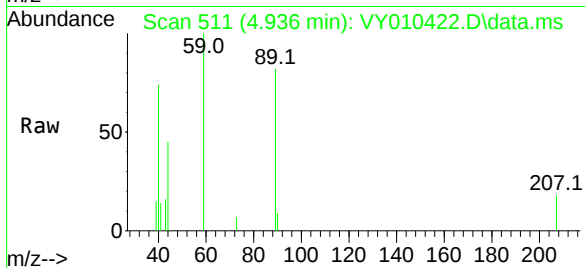
Acq: 09 Sep 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-345

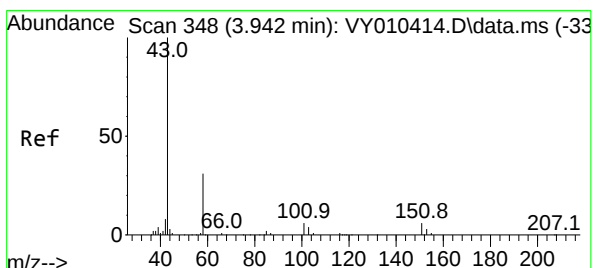
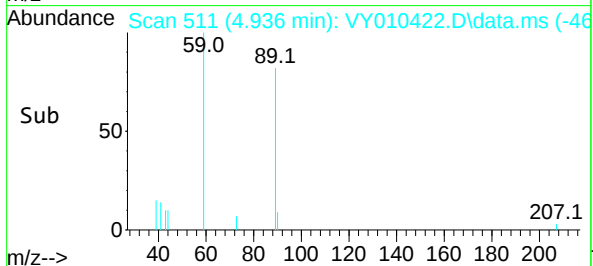
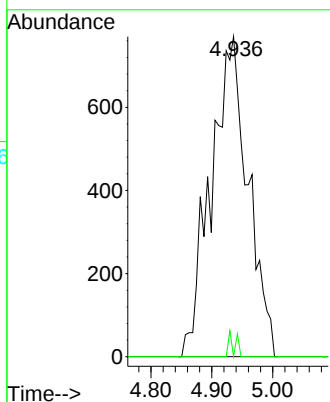


Tgt Ion: 59 Resp: 3245

Ion Ratio Lower Upper

59 100

57 1.3 6.4 9.6#



#16

Acetone

Concen: 2.860 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.012 min

Lab File: VY010422.D

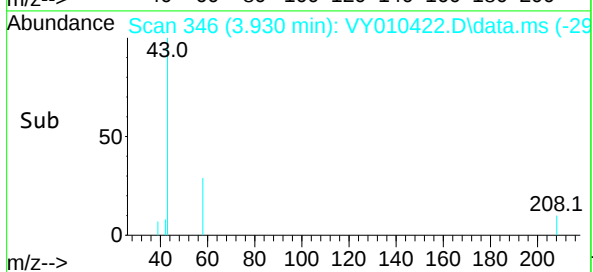
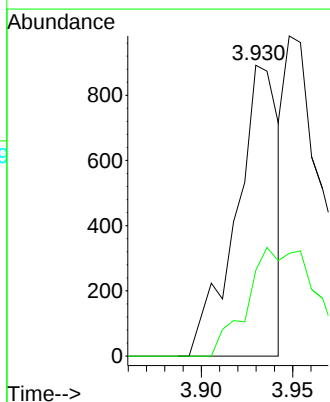
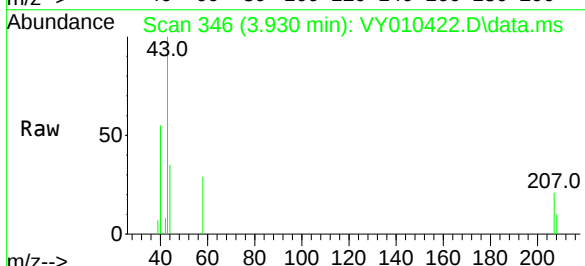
Acq: 09 Sep 2022 17:00

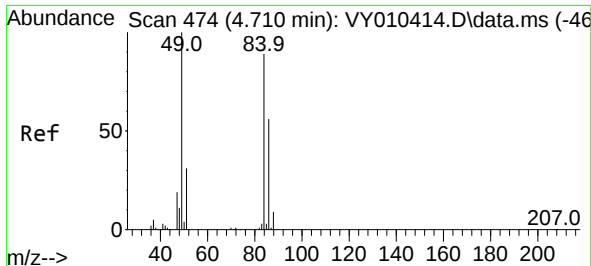
Tgt Ion: 43 Resp: 1440

Ion Ratio Lower Upper

43 100

58 29.5 22.0 33.0

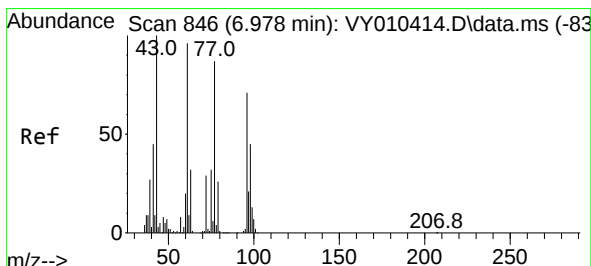
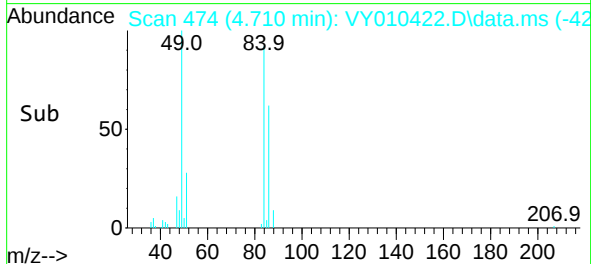
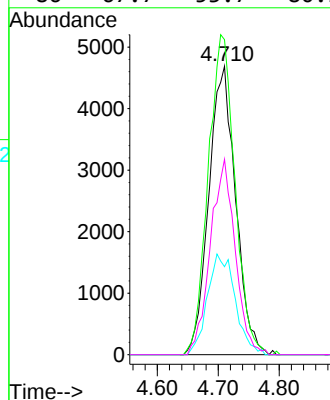
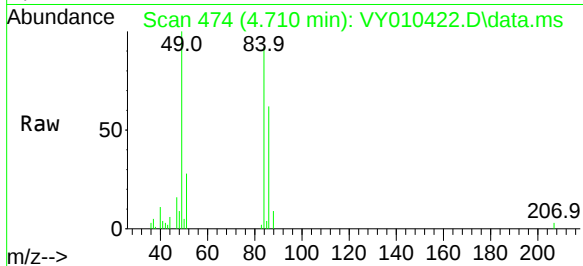




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

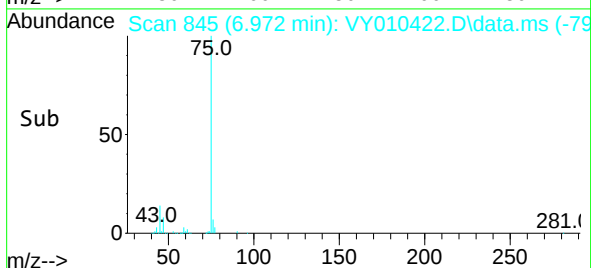
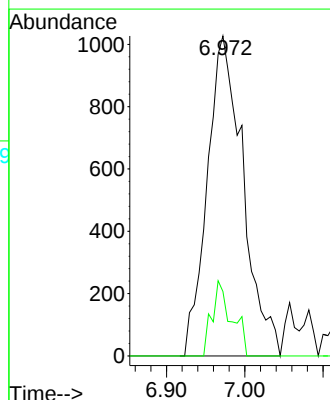
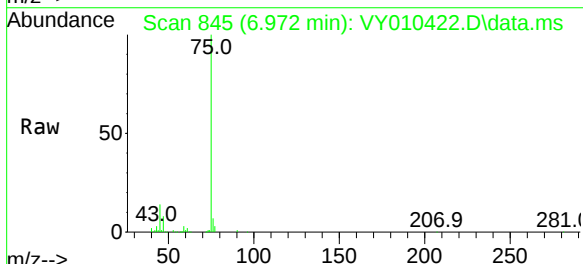
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-345

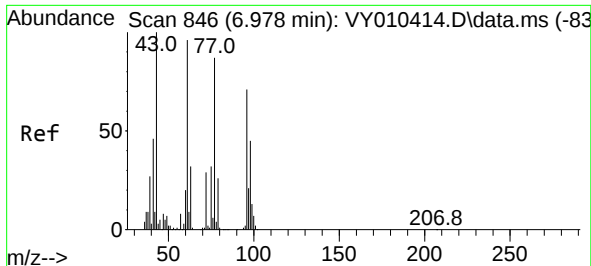
Tgt Ion: 84 Resp: 14337
Ion Ratio Lower Upper
84 100
49 109.2 114.4 171.6#
51 30.5 35.3 52.9#
86 67.7 53.7 80.5



#25
2-Butanone
Concen: 4.076 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

Tgt Ion: 43 Resp: 3262
Ion Ratio Lower Upper
43 100
72 20.2 17.7 26.5





#26

2,2-Dichloropropane

Concen: 1.293 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010422.D

Acq: 09 Sep 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

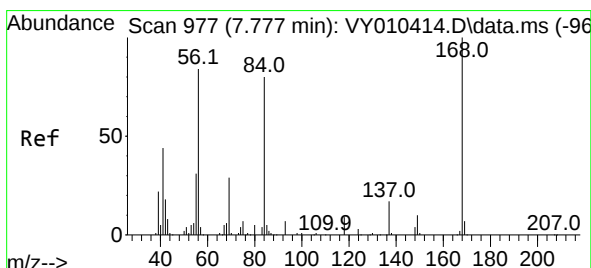
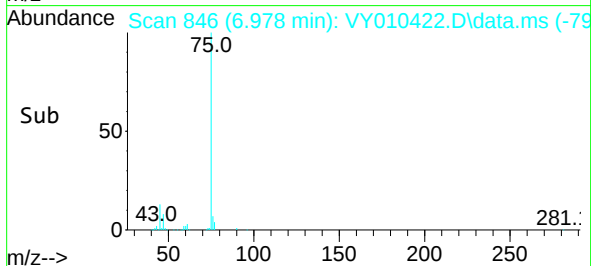
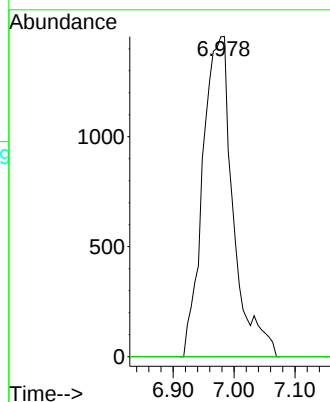
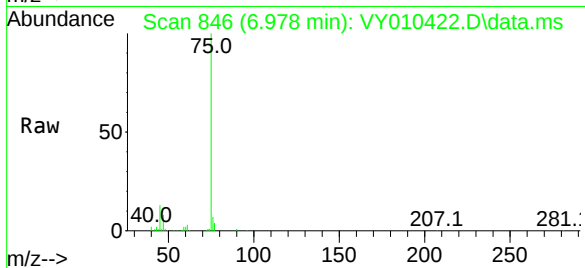
ETGI-345

Tgt Ion: 77 Resp: 5046

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.126 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010422.D

Acq: 09 Sep 2022 17:00

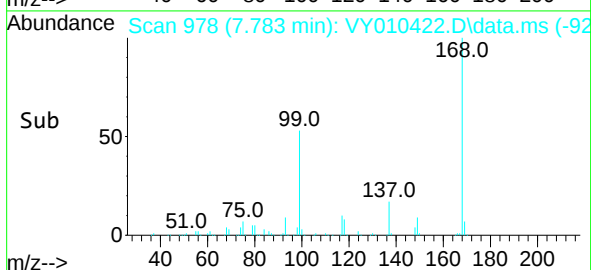
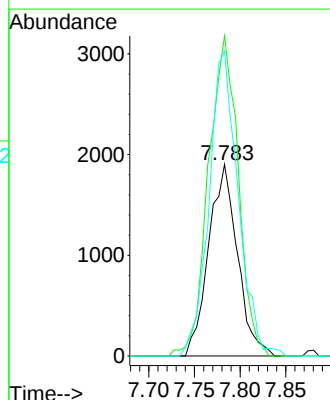
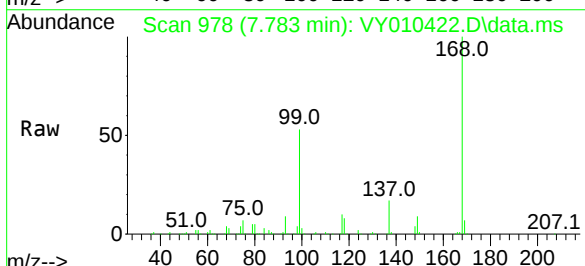
Tgt Ion: 56 Resp: 4173

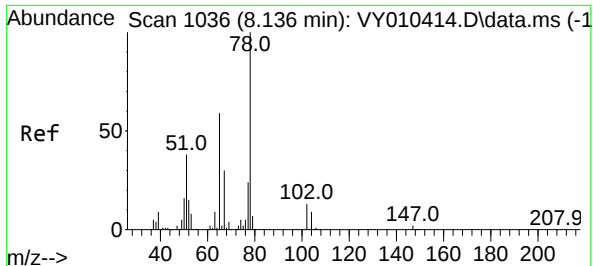
Ion Ratio Lower Upper

56 100

69 167.1 26.7 40.1#

84 159.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.392 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010422.D

Acq: 09 Sep 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

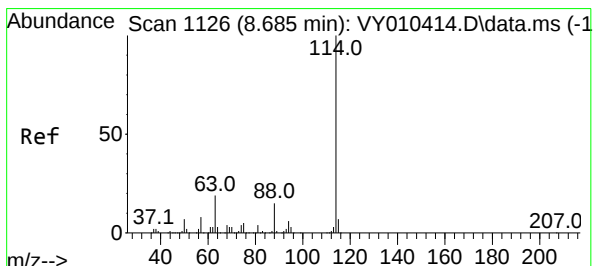
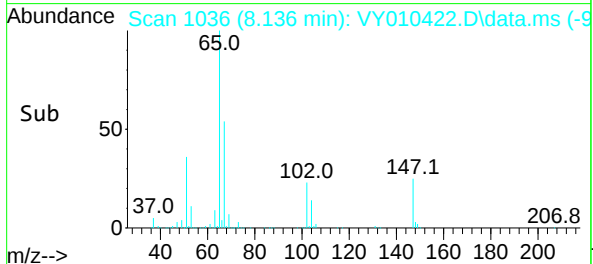
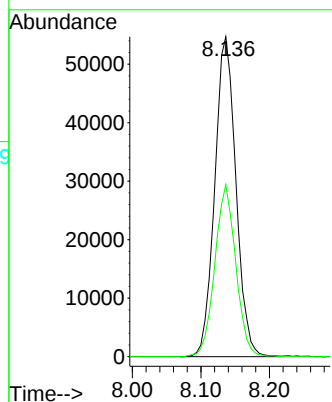
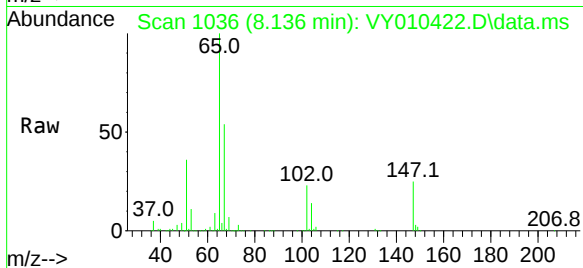
ETGI-345

Tgt Ion: 65 Resp: 117148

Ion Ratio Lower Upper

65 100

67 53.2 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: VY010422.D

Acq: 09 Sep 2022 17:00

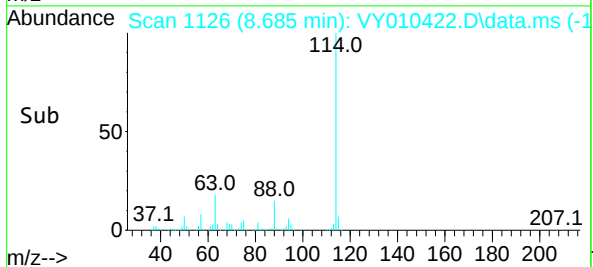
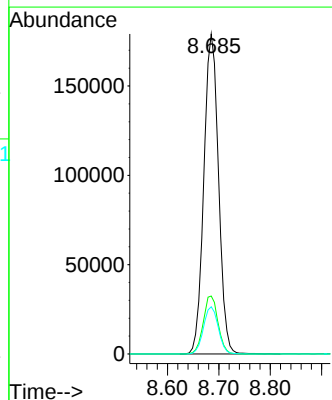
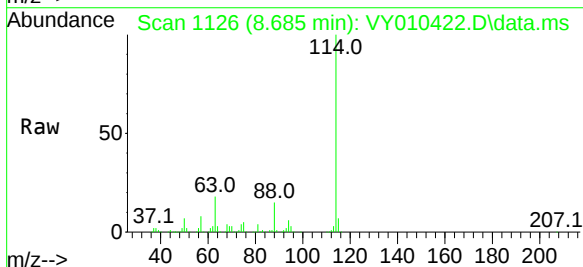
Tgt Ion: 114 Resp: 354989

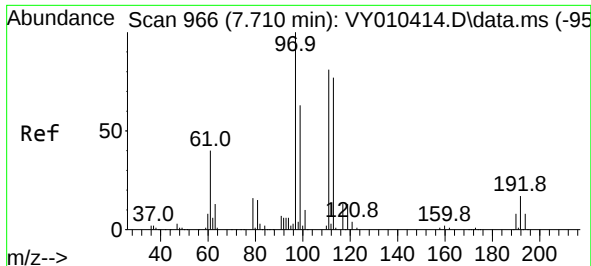
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.8 0.0 31.8

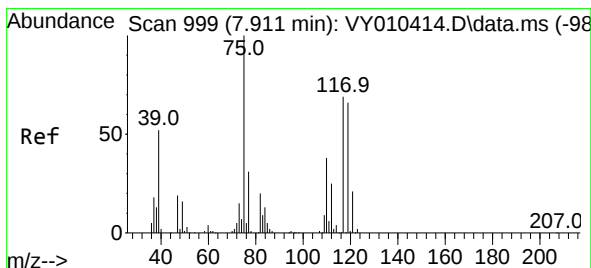
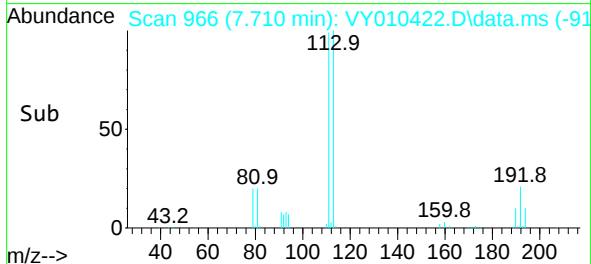
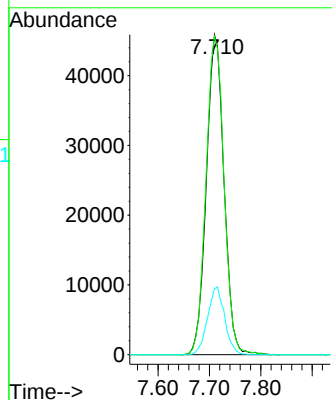
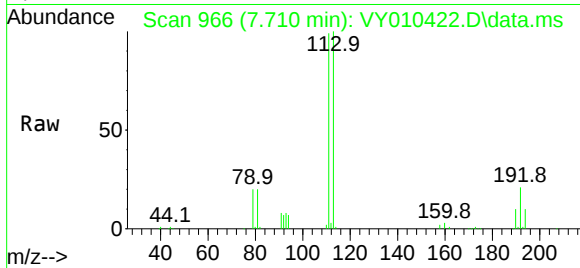




#35
Dibromofluoromethane
Concen: 43.364 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

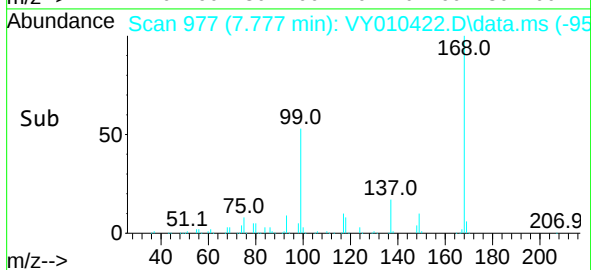
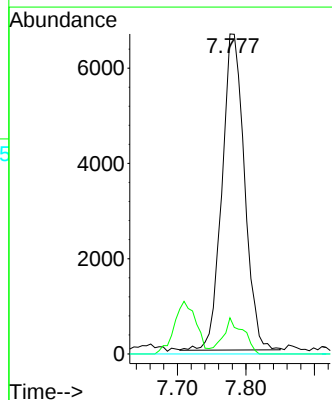
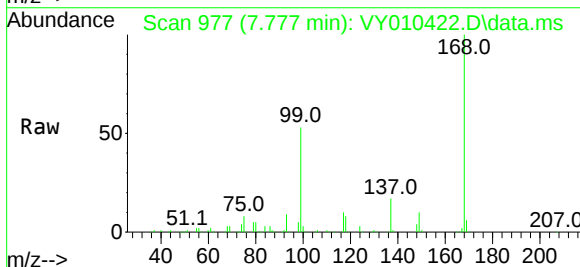
Instrument :
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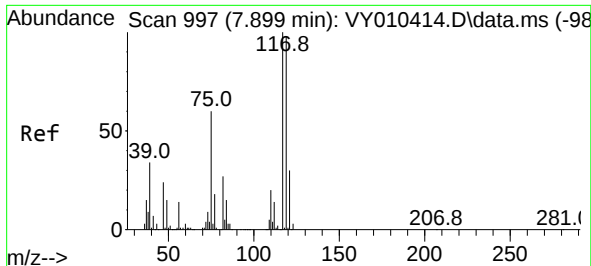
Tgt Ion:113 Resp: 109327
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.379 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

Tgt Ion: 75 Resp: 15113
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#

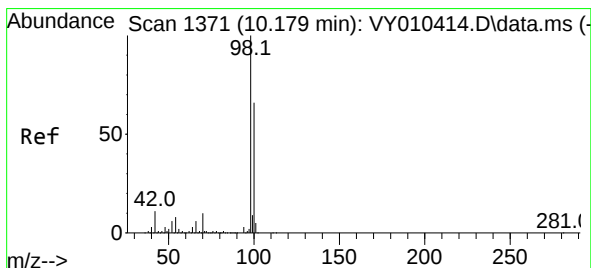
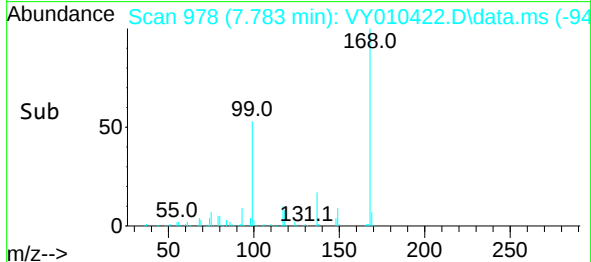
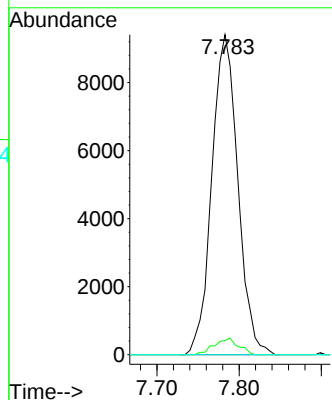
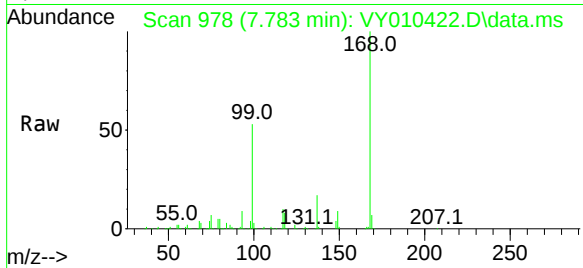




#38
Carbon Tetrachloride
Concen: 5.393 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

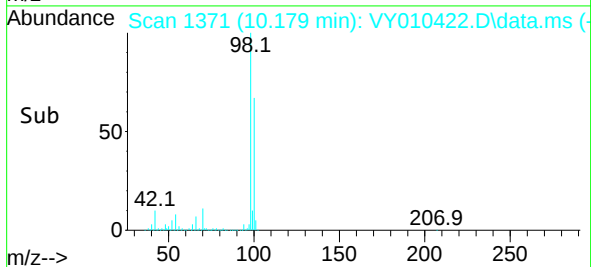
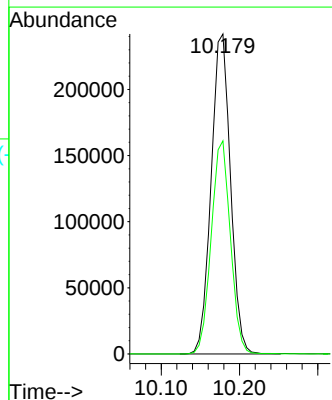
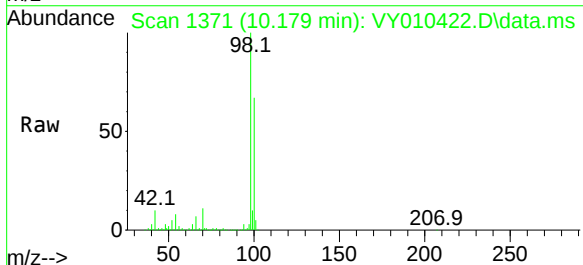
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-345

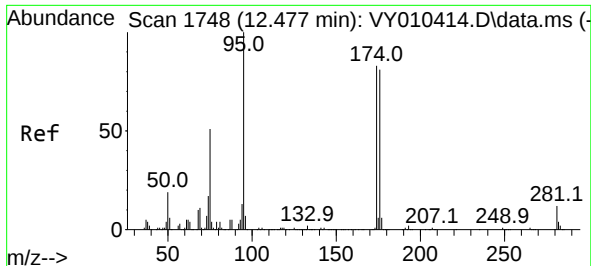
Tgt Ion:117 Resp: 20707
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.838 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

Tgt Ion: 98 Resp: 415394
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

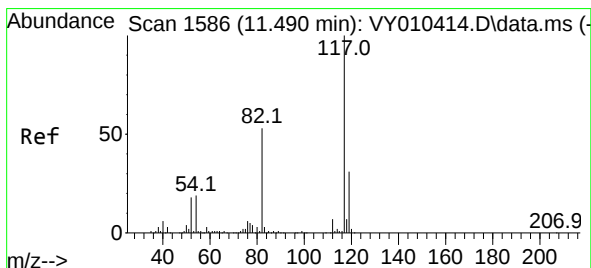
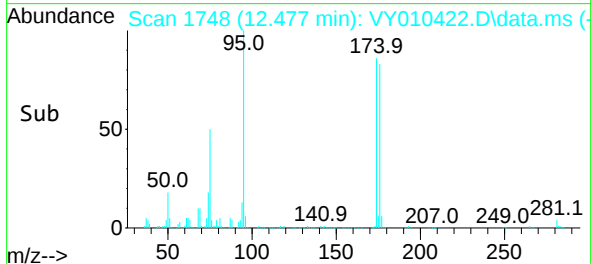
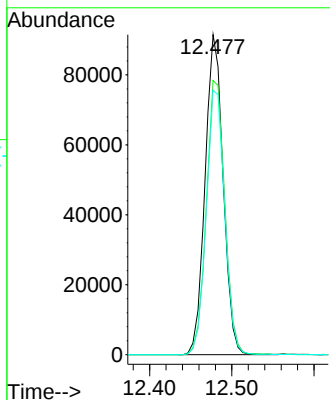
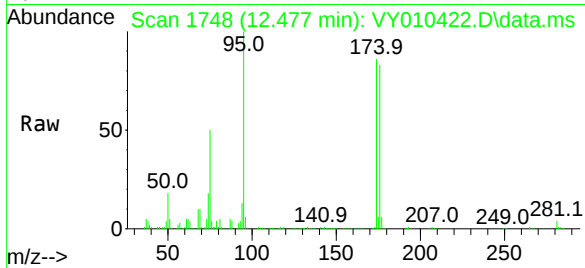




#62
4-Bromofluorobenzene
Concen: 42.115 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

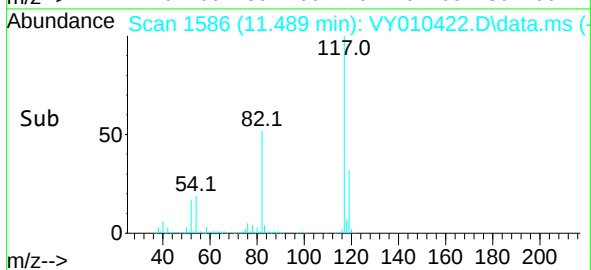
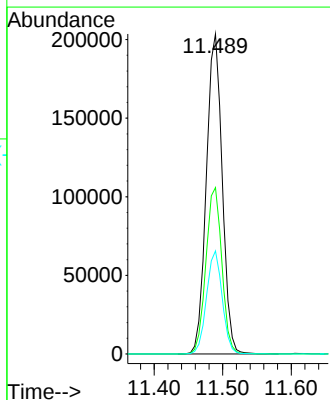
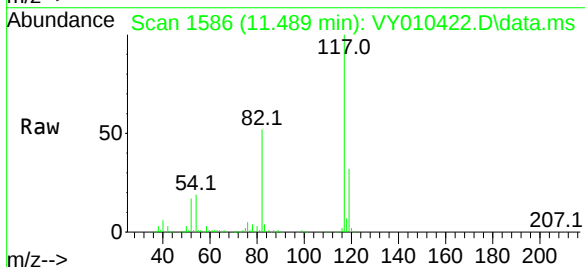
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-345

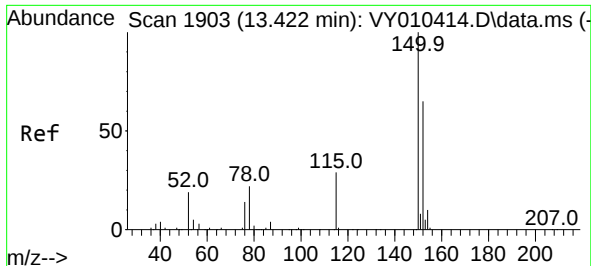
Tgt Ion: 95 Resp: 139545
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 84.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

Tgt Ion: 117 Resp: 328291
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.2 25.4 38.0

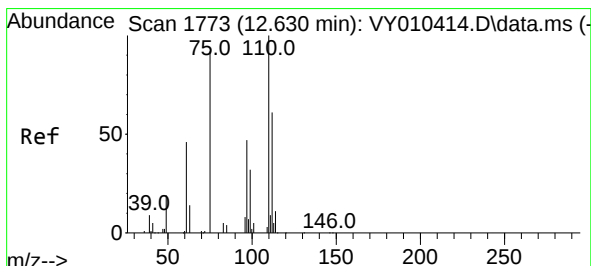
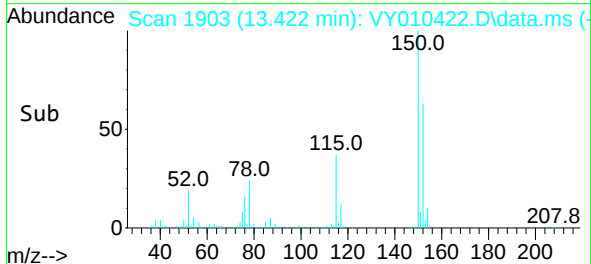
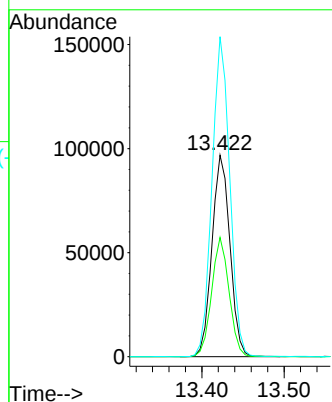
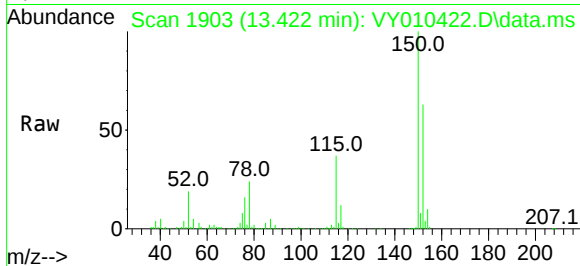




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010422.D
 Acq: 09 Sep 2022 17:00

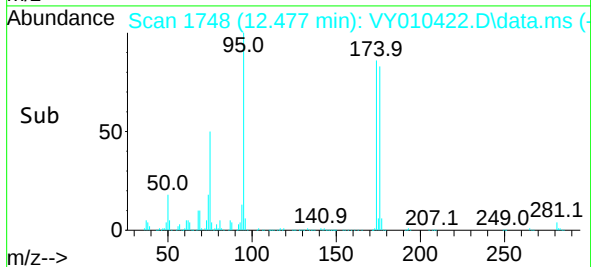
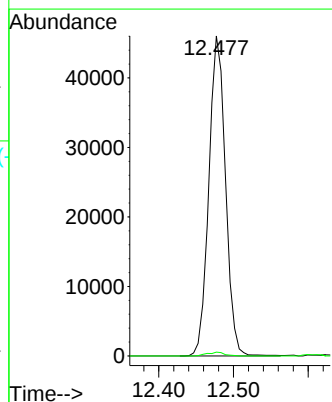
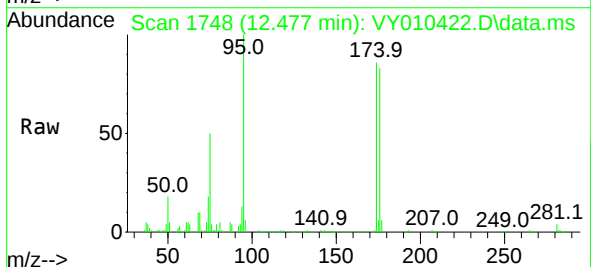
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-345

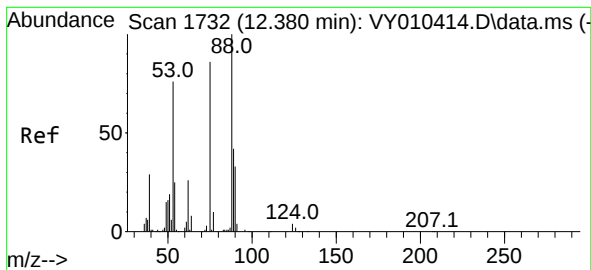
Tgt Ion:152 Resp: 147722
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 156.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.666 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010422.D
 Acq: 09 Sep 2022 17:00

Tgt Ion: 75 Resp: 71191
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.954 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010422.D
 Acq: 09 Sep 2022 17:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-345

Tgt Ion: 75 Resp: 71191
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

