

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014602.D
 Acq On : 07 Jul 2023 17:18
 Operator : KP/MD
 Sample : 03555-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-369

Quant Time: Jul 08 03:47:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

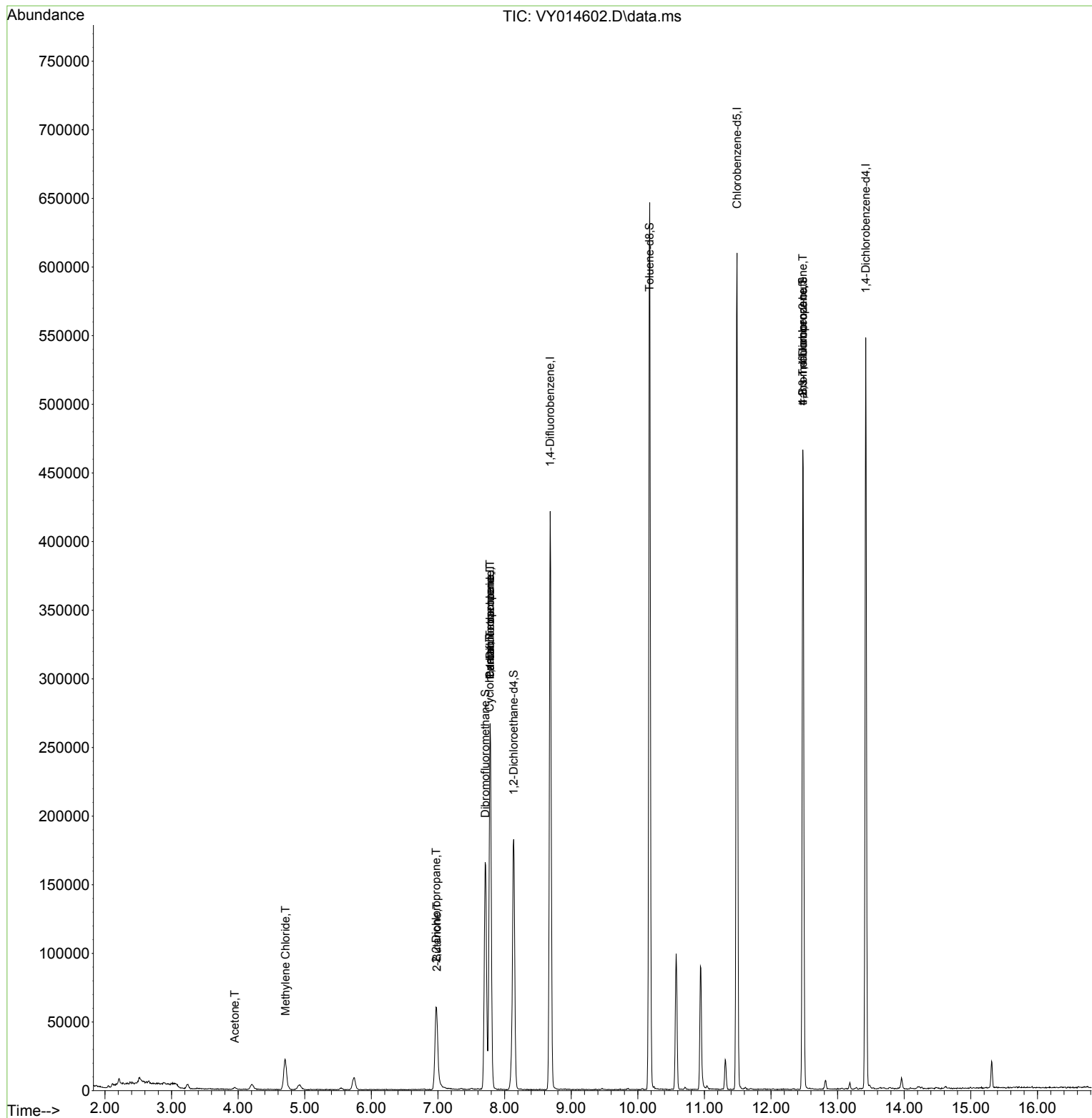
Internal Standards						
1) Pentafluorobenzene	7.783	168	221023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139085	63.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.520%	
35) Dibromofluoromethane	7.710	113	120382	54.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.120%	
50) Toluene-d8	10.179	98	437234	50.130	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.477	95	134425	44.385	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	89	Below Cal	#	43
11) Tert butyl alcohol	4.917	59	4108	Below Cal	#	89
13) Acrolein	3.564	56	22	Below Cal	#	14
16) Acetone	3.948	43	2675	3.896	ug/l	91
20) Methylene Chloride	4.710	84	16972	1.860	ug/l	86
25) 2-Butanone	6.984	43	3475	3.418	ug/l #	80
26) 2,2-Dichloropropane	6.972	77	4804	1.394	ug/l #	54
31) Cyclohexane	7.777	56	4132	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16569	4.904	ug/l #	49
38) Carbon Tetrachloride	7.783	117	18690	5.299	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	66849	39.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66849	76.252	ug/l #	11

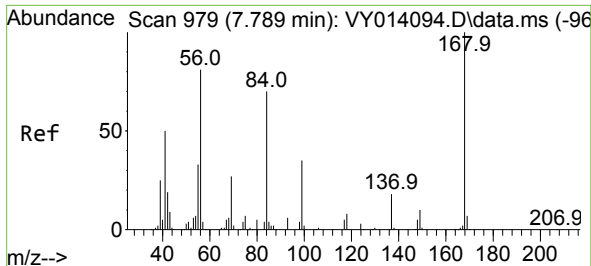
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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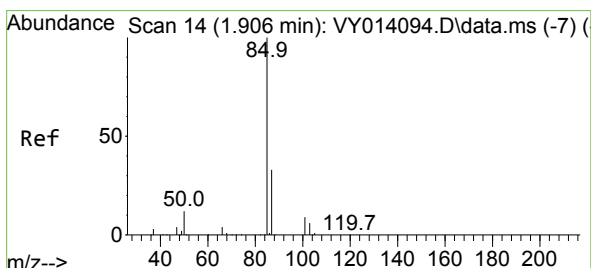
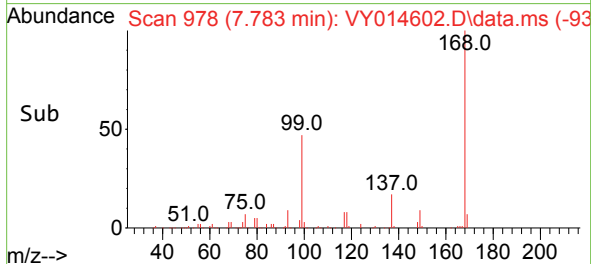
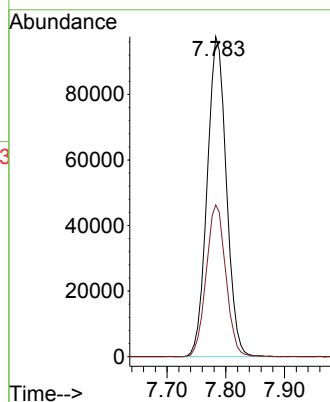
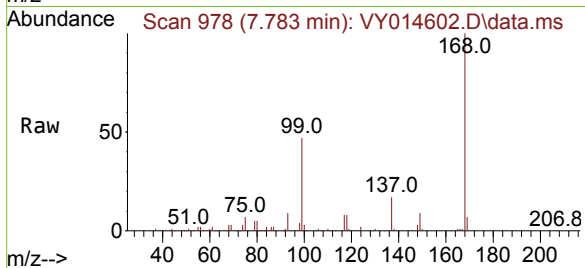




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

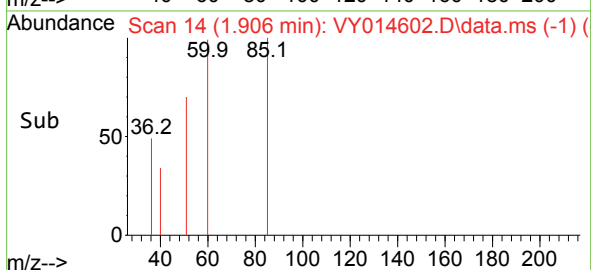
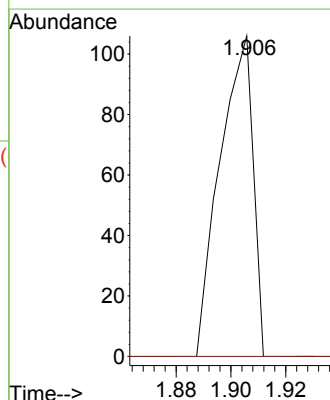
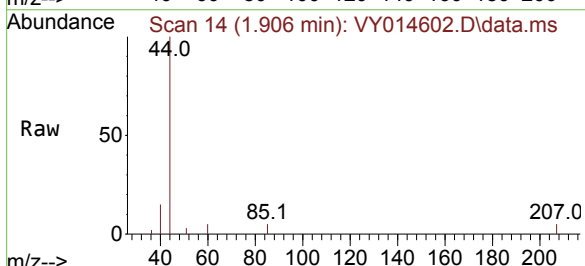
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-369

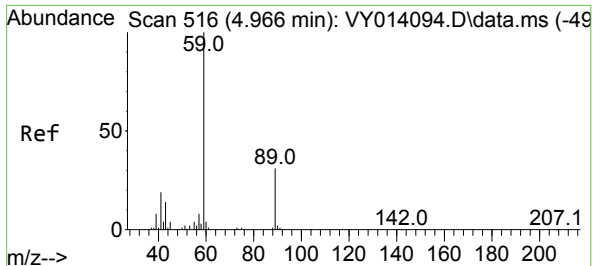
Tgt Ion:168 Resp: 221023
Ion Ratio Lower Upper
168 100
99 47.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

Tgt Ion: 85 Resp: 89
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.917 min Scan# 508

Delta R.T. -0.049 min

Lab File: VY014602.D

Acq: 07 Jul 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

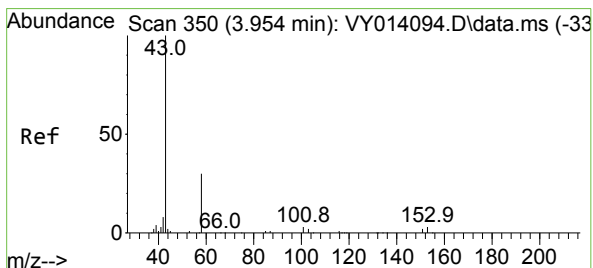
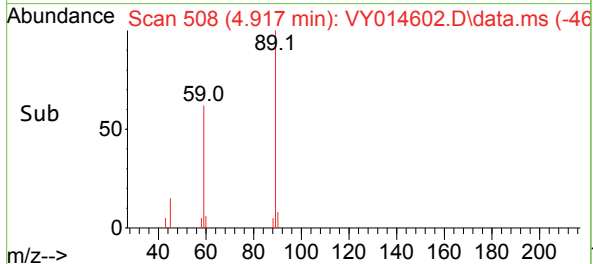
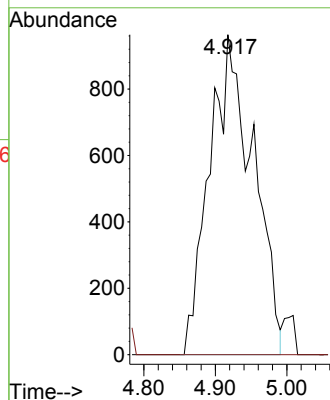
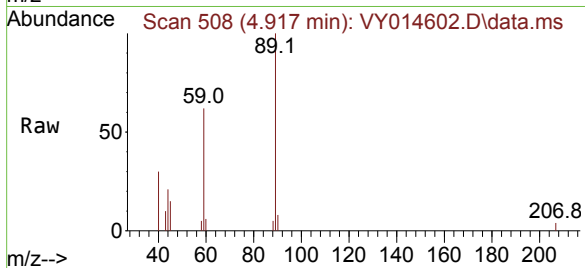
ETGI-369

Tgt Ion: 59 Resp: 4108

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 3.896 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY014602.D

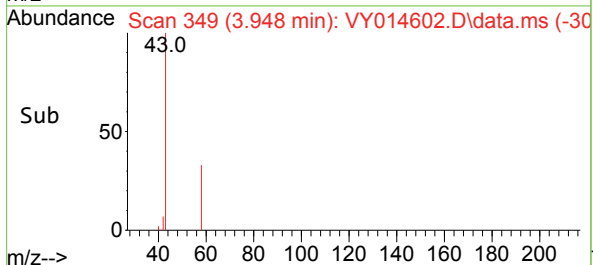
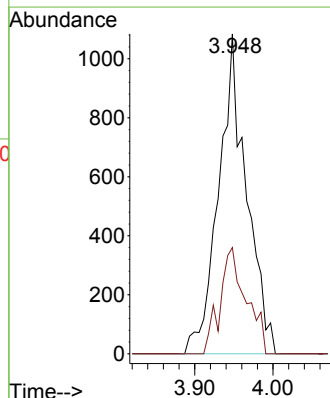
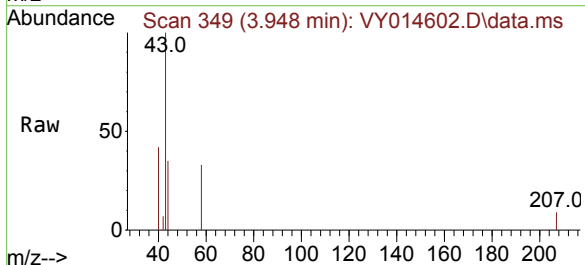
Acq: 07 Jul 2023 17:18

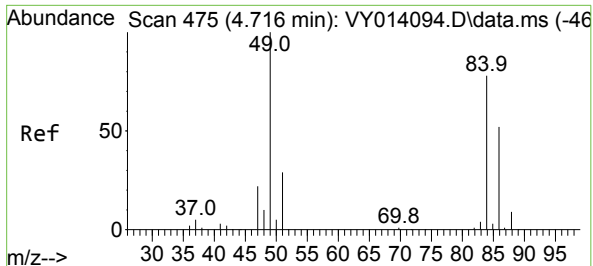
Tgt Ion: 43 Resp: 2675

Ion Ratio Lower Upper

43 100

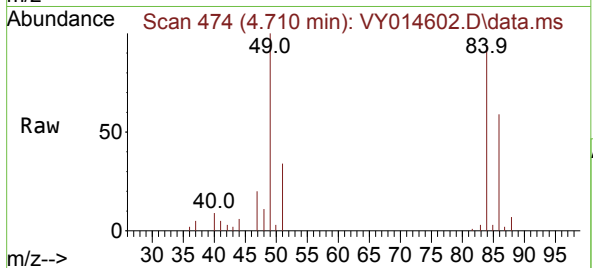
58 33.2 22.7 34.1



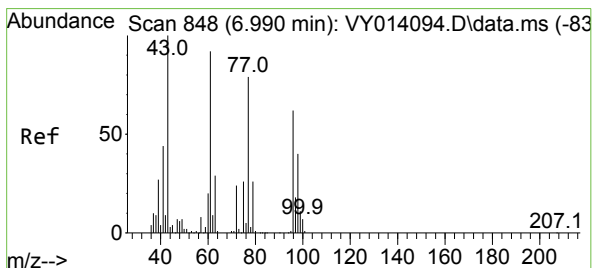
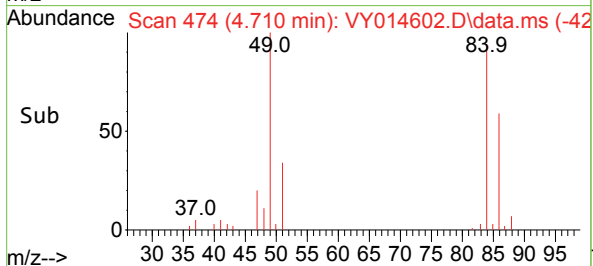
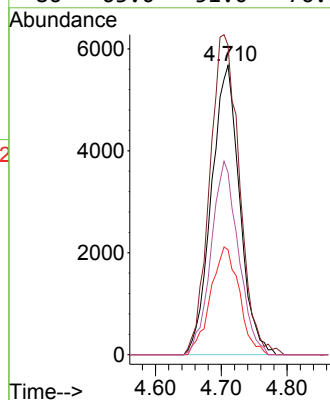


#20
Methylene Chloride
Concen: 1.860 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-369

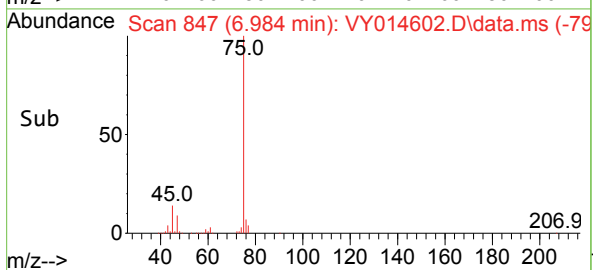
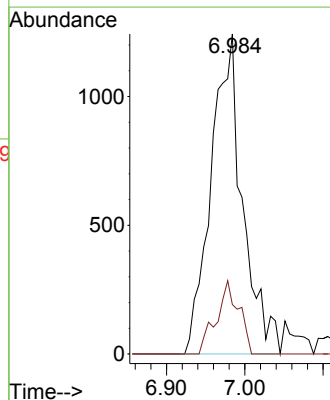
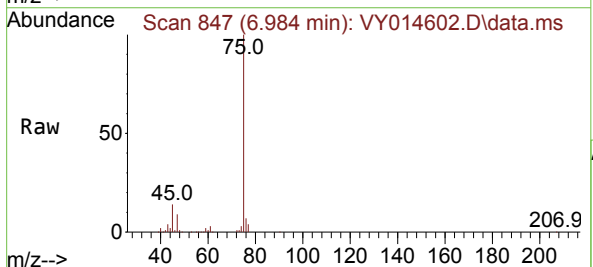


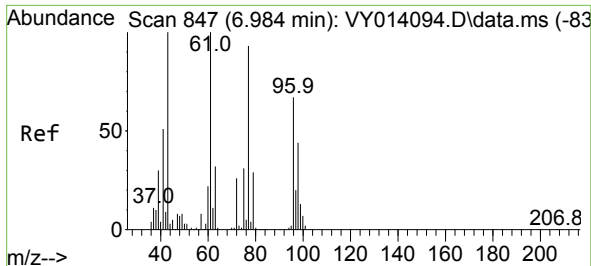
Tgt Ion: 84	Resp: 16972
Ion Ratio	Lower Upper
84 100	
49 106.9	106.9 160.3
51 36.3	33.2 49.8
86 63.0	51.0 76.6



#25
2-Butanone
Concen: 3.418 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

Tgt Ion: 43	Resp: 3475
Ion Ratio	Lower Upper
43 100	
72 15.4	20.5 30.7#

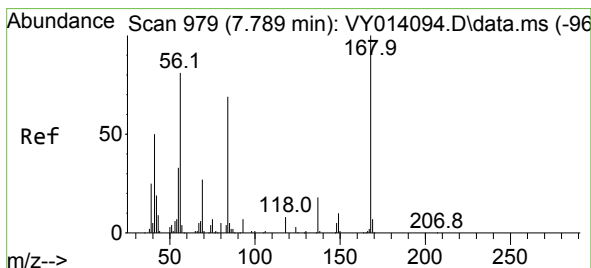
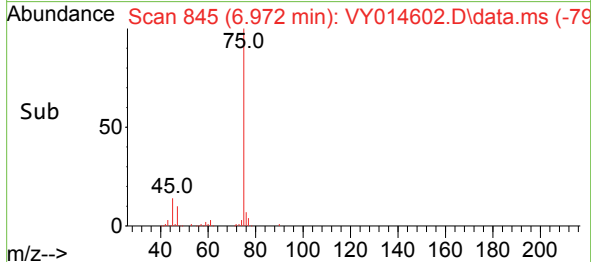
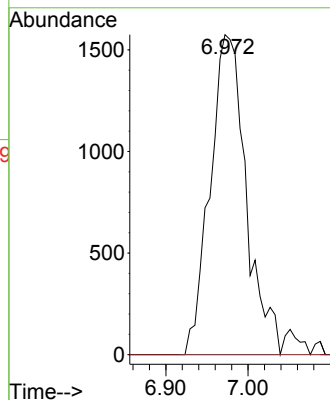
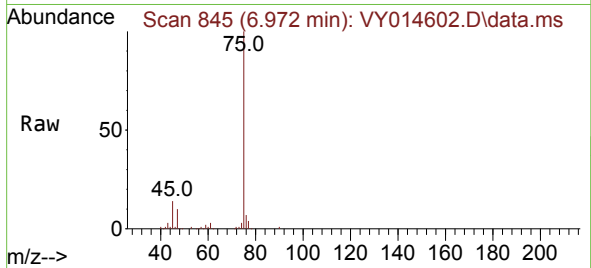




#26
2,2-Dichloropropane
Concen: 1.394 ug/l
RT: 6.972 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

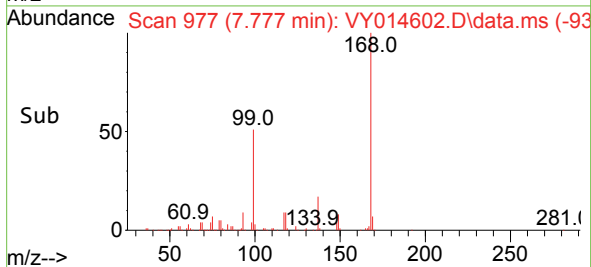
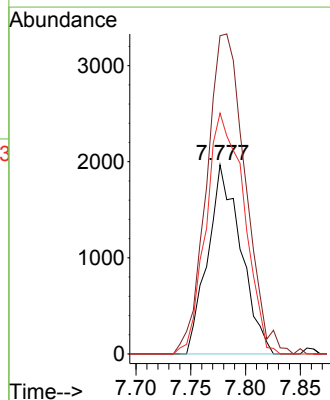
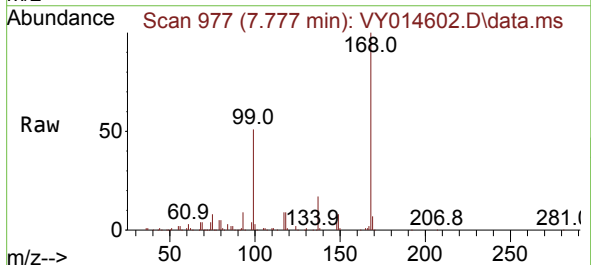
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-369

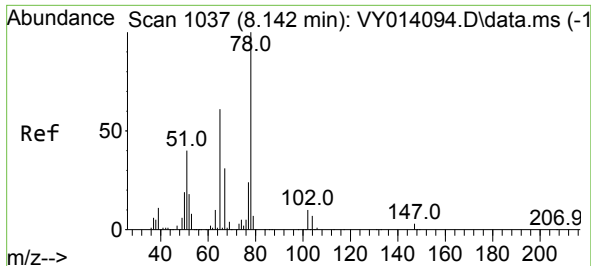
Tgt Ion: 77 Resp: 4804
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.012 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

Tgt Ion: 56 Resp: 4132
Ion Ratio Lower Upper
56 100
69 164.9 27.8 41.6#
84 127.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 63.258 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY014602.D

Acq: 07 Jul 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

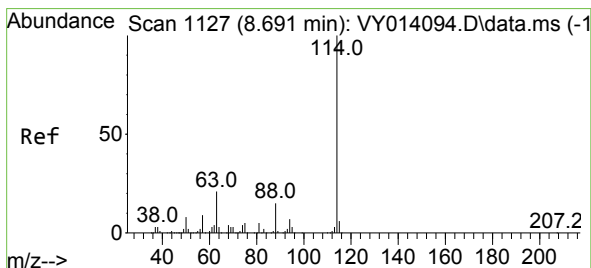
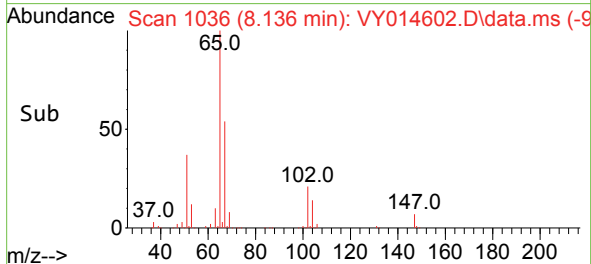
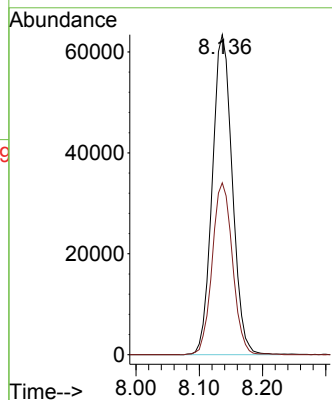
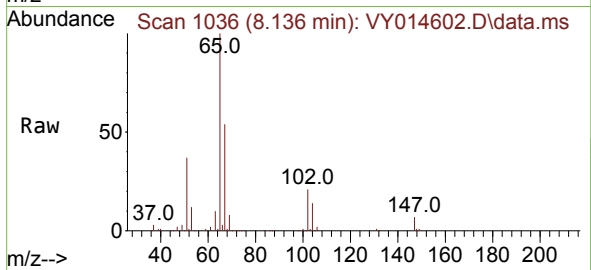
ETGI-369

Tgt Ion: 65 Resp: 139085

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014602.D

Acq: 07 Jul 2023 17:18

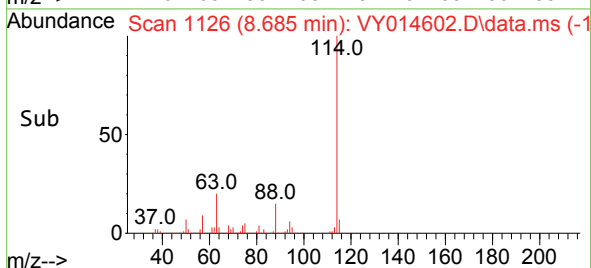
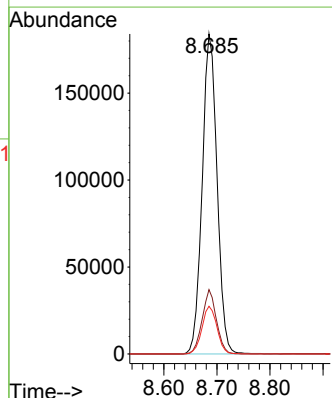
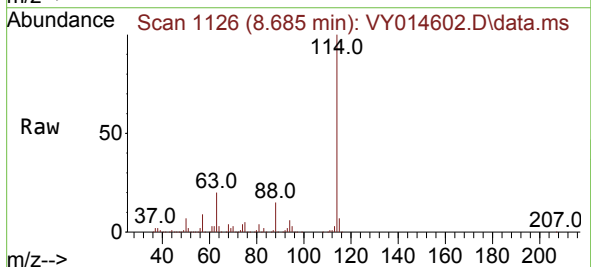
Tgt Ion: 114 Resp: 358288

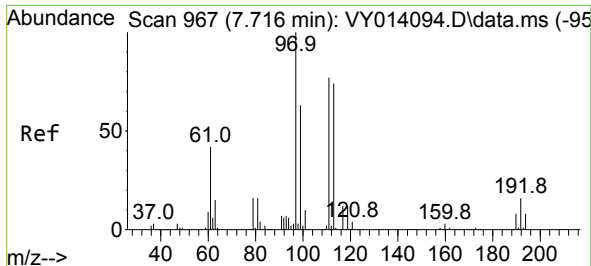
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.9 0.0 30.6

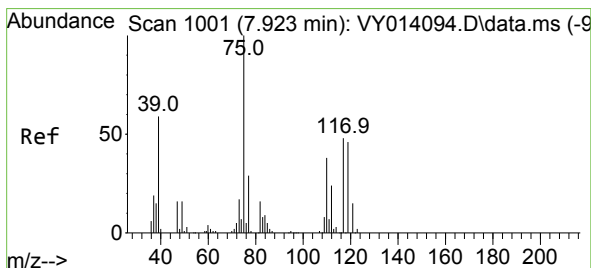
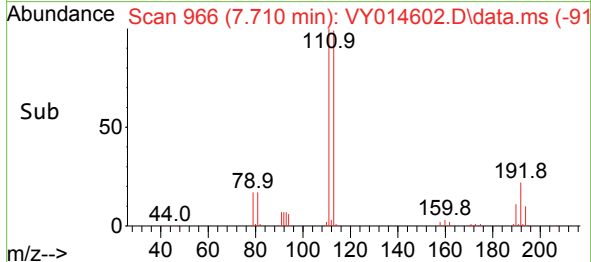
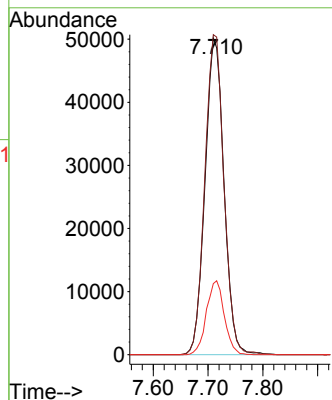
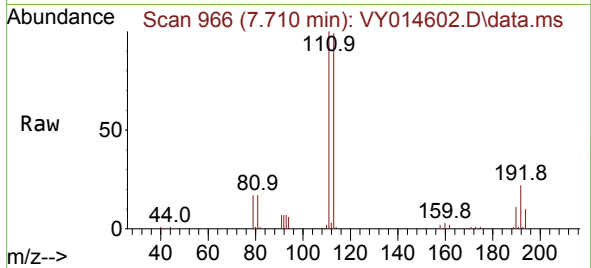




#35
Dibromofluoromethane
Concen: 54.561 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

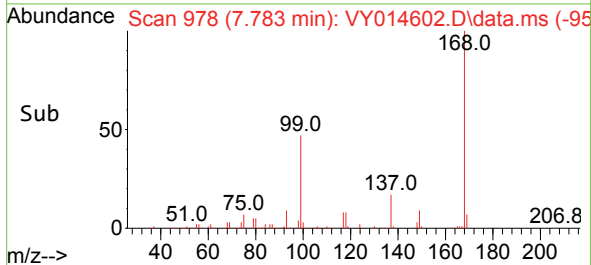
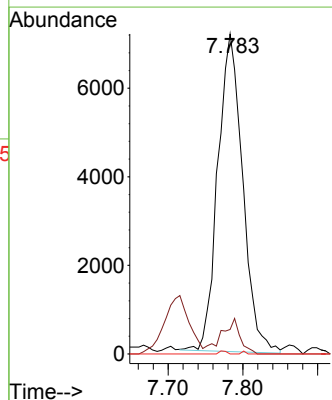
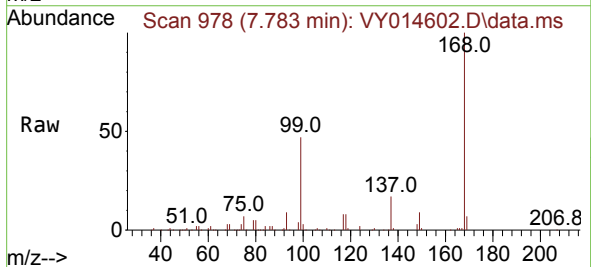
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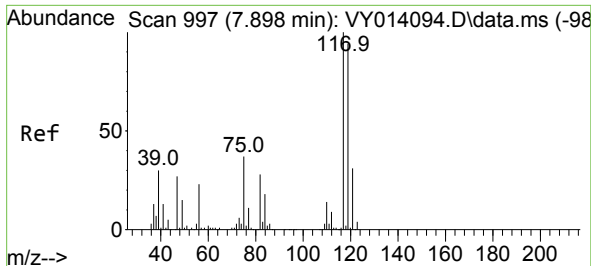
Tgt Ion:113 Resp: 120382
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 22.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.904 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

Tgt Ion: 75 Resp: 16569
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.5#
77 0.1 24.4 36.6#

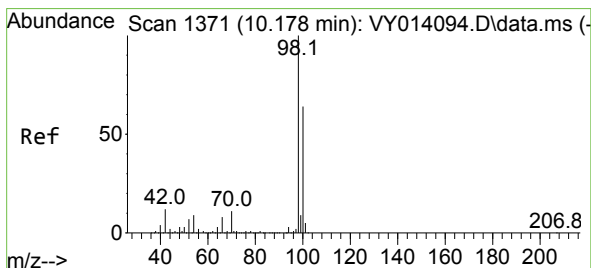
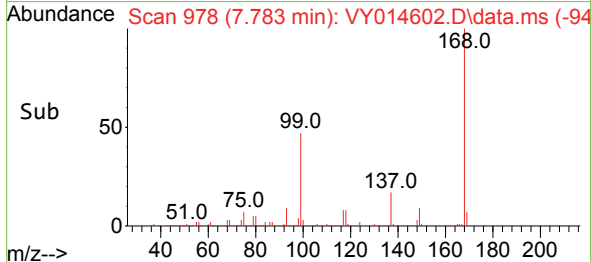
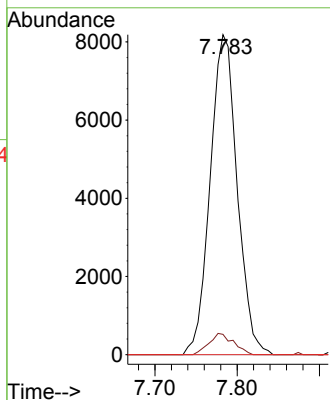
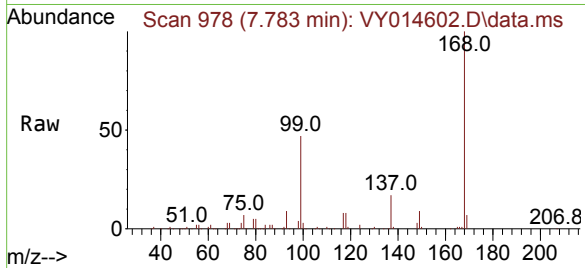




#38
Carbon Tetrachloride
Concen: 5.299 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

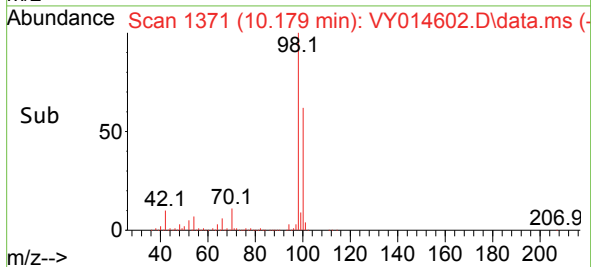
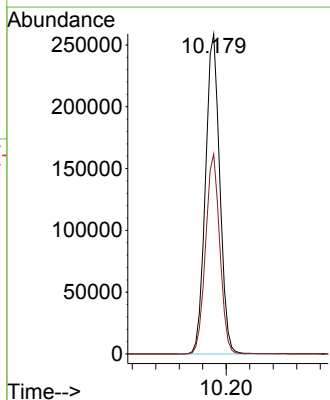
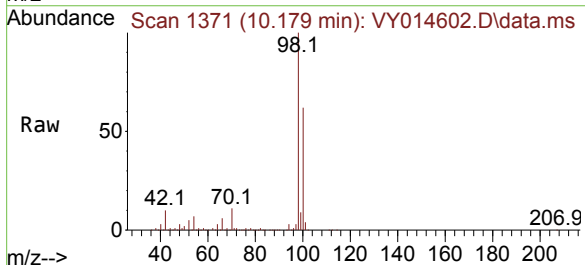
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-369

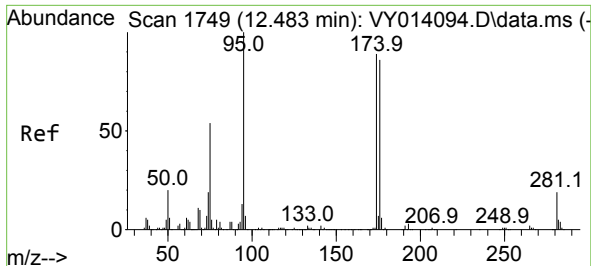
Tgt Ion:117 Resp: 18690
Ion Ratio Lower Upper
117 100
119 6.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.130 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

Tgt Ion: 98 Resp: 437234
Ion Ratio Lower Upper
98 100
100 61.8 50.1 75.1

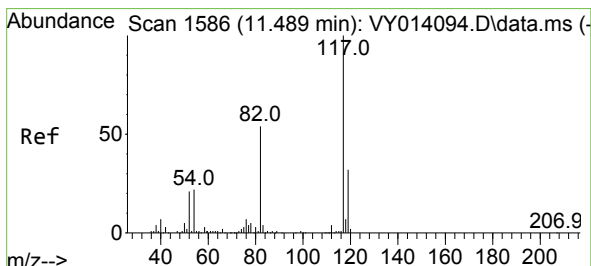
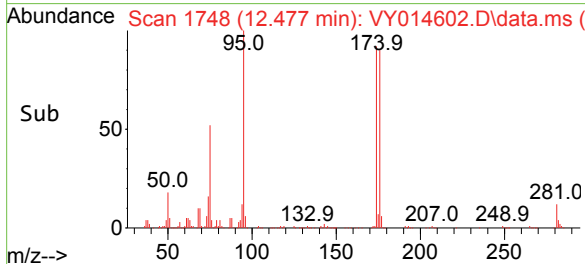
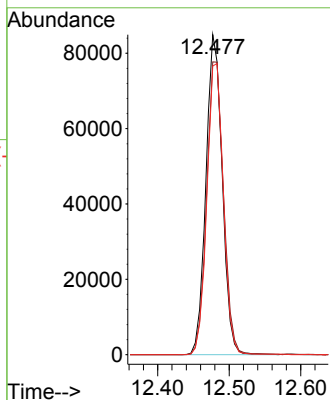
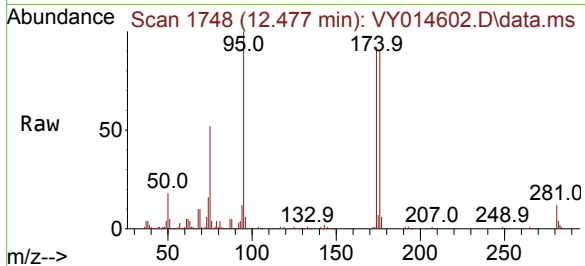




#62
4-Bromofluorobenzene
Concen: 44.385 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

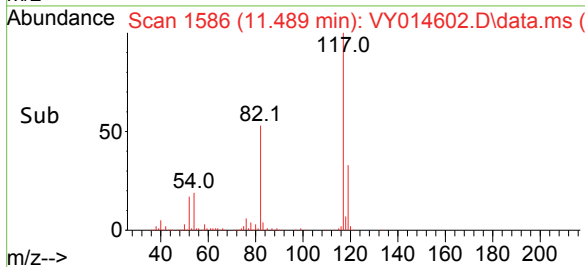
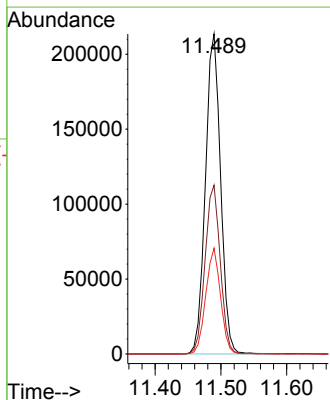
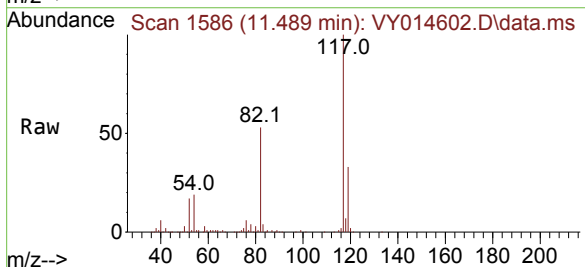
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-369

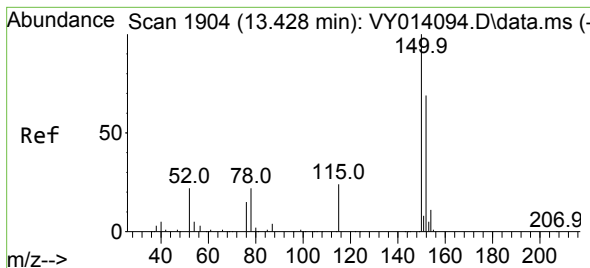
Tgt Ion: 95 Resp: 134425
Ion Ratio Lower Upper
95 100
174 94.9 0.0 178.2
176 91.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

Tgt Ion: 117 Resp: 343046
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 33.1 26.3 39.5

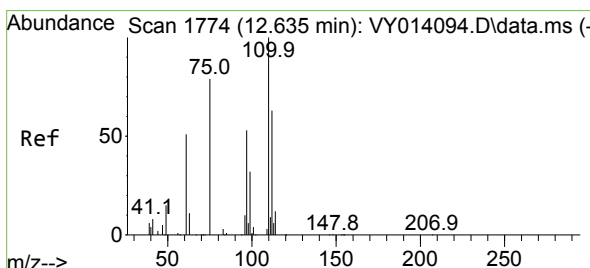
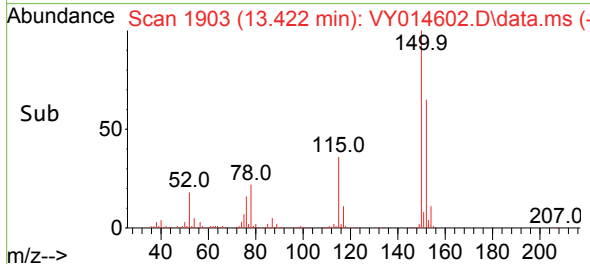
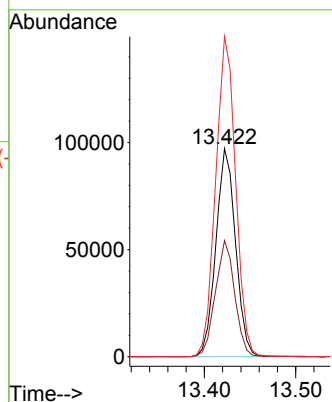
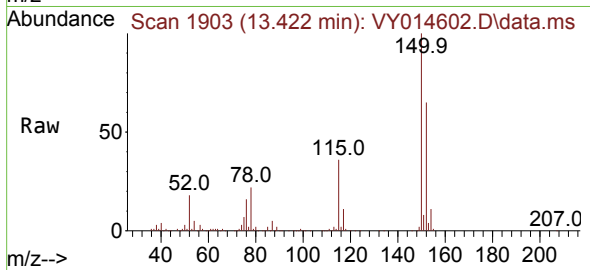




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014602.D
 Acq: 07 Jul 2023 17:18

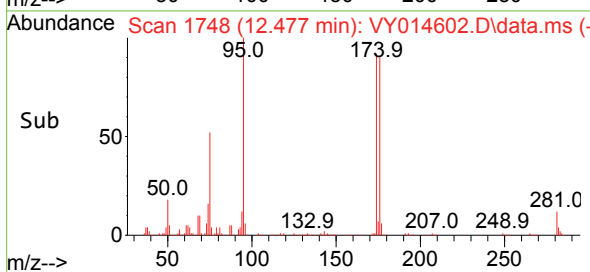
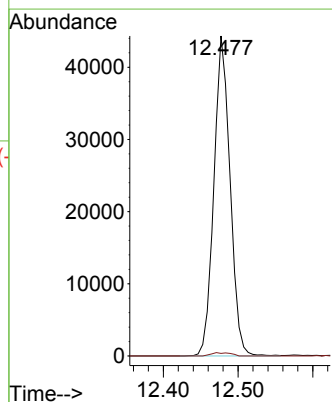
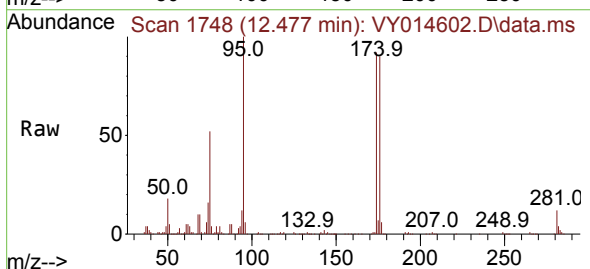
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-369

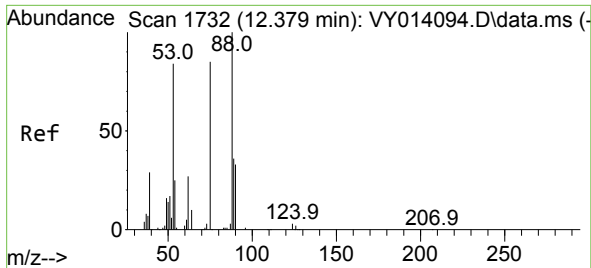
Tgt Ion:152 Resp: 145415
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.8 86.5
 150 156.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 39.176 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014602.D
 Acq: 07 Jul 2023 17:18

Tgt Ion: 75 Resp: 66849
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.252 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014602.D
 Acq: 07 Jul 2023 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-369

Tgt Ion: 75 Resp: 66849
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.1 37.4 56.0#

