

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014600.D
 Acq On : 07 Jul 2023 16:30
 Operator : KP/MD
 Sample : 03555-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-330

Quant Time: Jul 08 03:46:40 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)

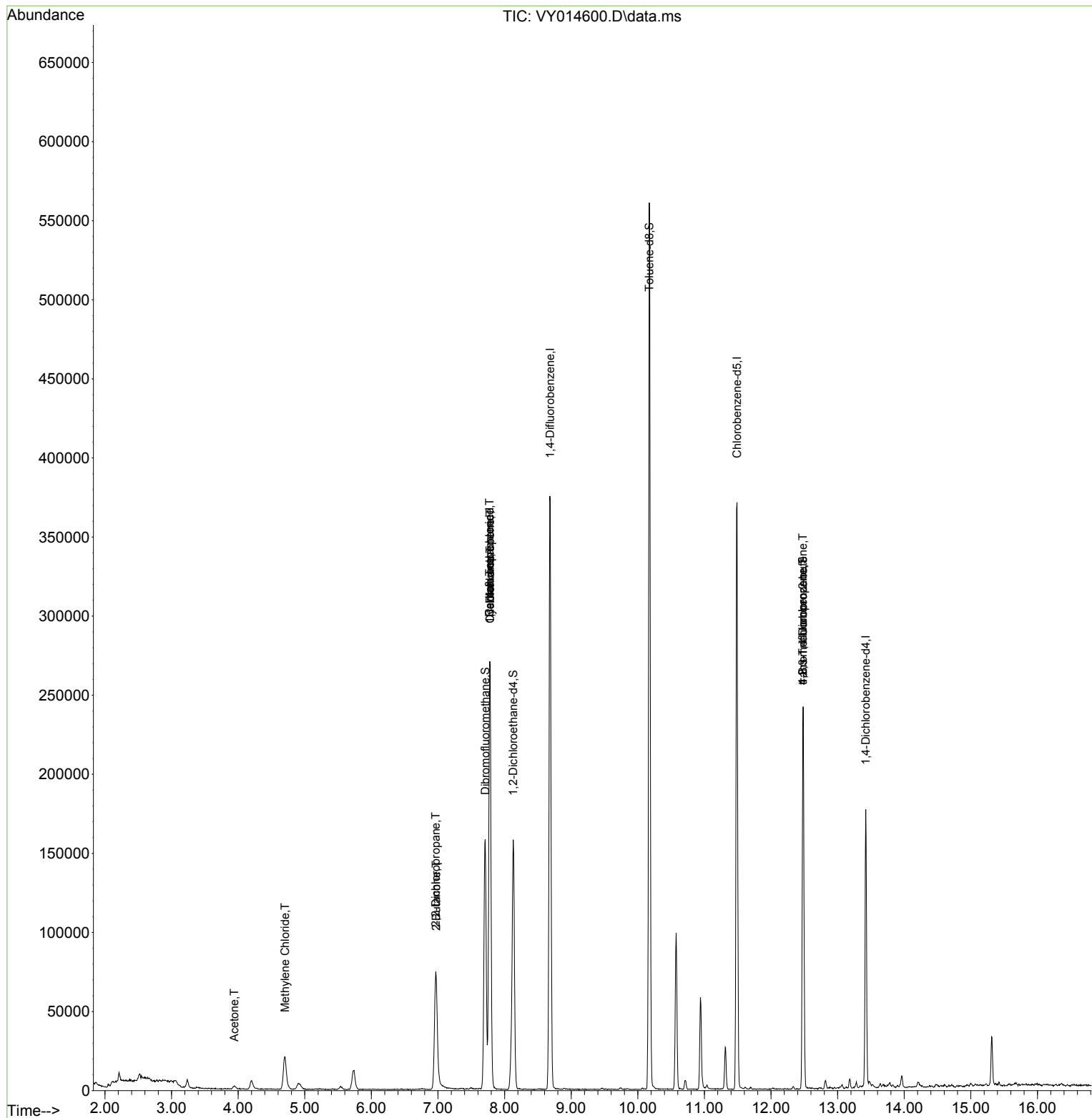
Internal Standards						
1) Pentafluorobenzene	7.777	168	230161	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	336768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	116842	51.031	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.060%	
35) Dibromofluoromethane	7.710	113	116190	56.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.060%	
50) Toluene-d8	10.173	98	377324	46.026	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.060%	
62) 4-Bromofluorobenzene	12.477	95	61408	21.571	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 43.140%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	251	Below Cal		82
11) Tert butyl alcohol	4.930	59	2321	Below Cal	#	89
16) Acetone	3.942	43	3651	5.106	ug/l	92
20) Methylene Chloride	4.704	84	16964	1.554	ug/l #	84
25) 2-Butanone	6.972	43	4063	3.838	ug/l #	79
26) 2,2-Dichloropropane	6.966	77	5936	1.655	ug/l #	54
31) Cyclohexane	7.783	56	3919	1.091	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15649	4.927	ug/l #	51
38) Carbon Tetrachloride	7.777	117	20109	6.065	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	28849	50.922	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28849	99.115	ug/l #	11

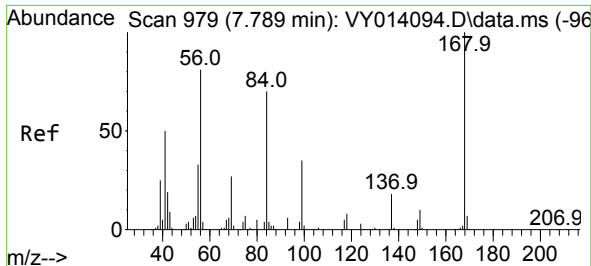
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

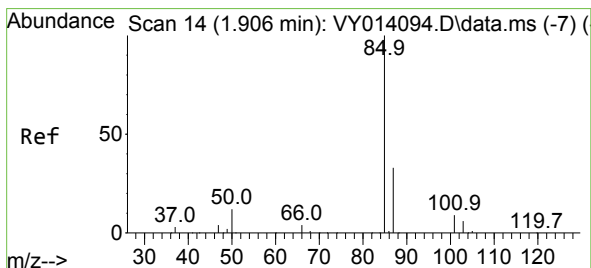
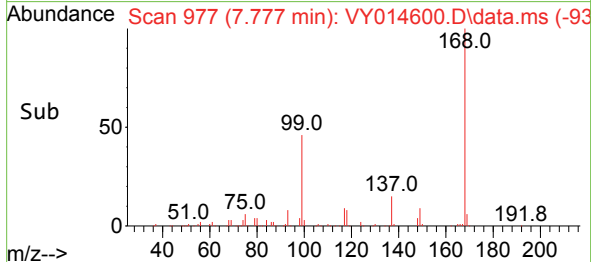
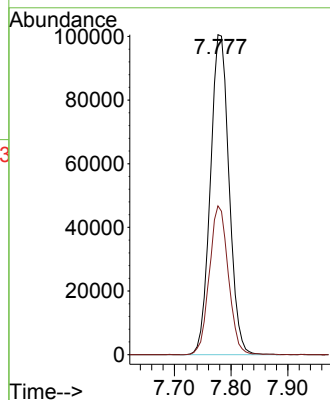
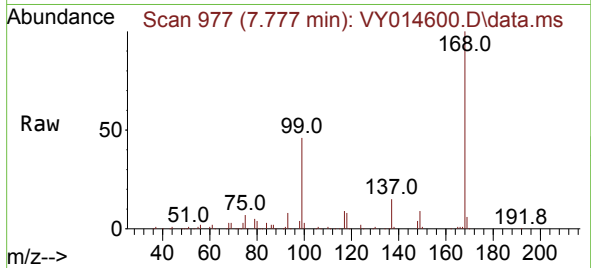




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

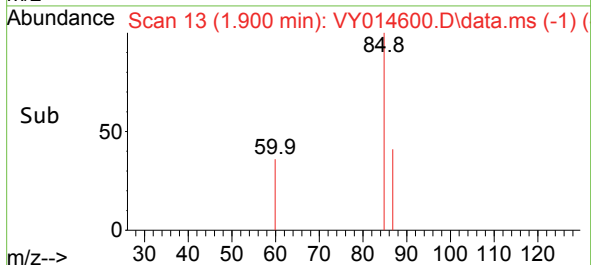
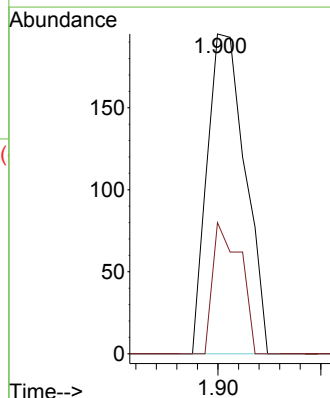
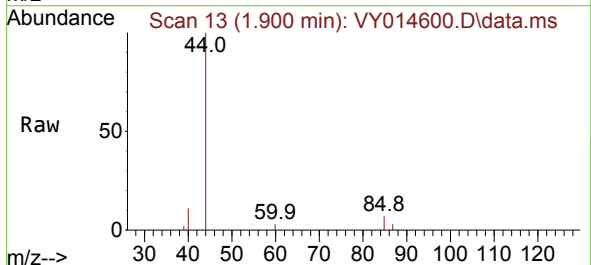
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-330

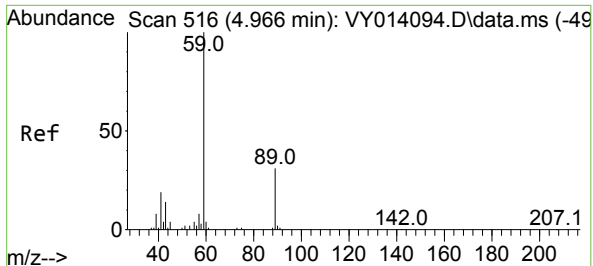
Tgt Ion:168 Resp: 230161
Ion Ratio Lower Upper
168 100
99 46.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

Tgt Ion: 85 Resp: 251
Ion Ratio Lower Upper
85 100
87 41.0 15.6 46.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 516

Delta R.T. -0.036 min

Lab File: VY014600.D

Acq: 07 Jul 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

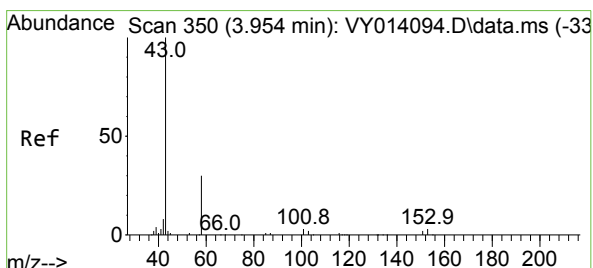
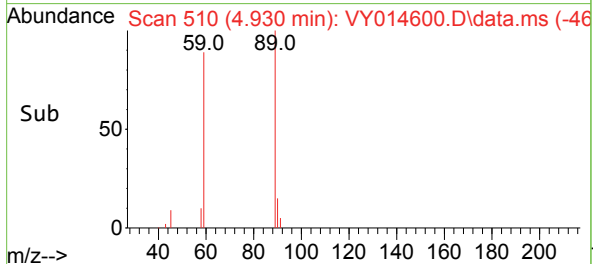
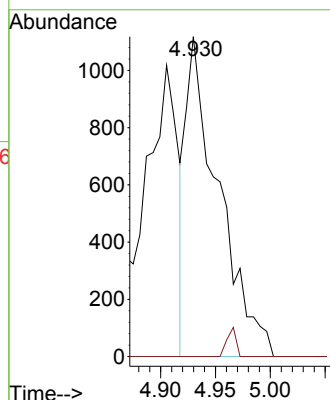
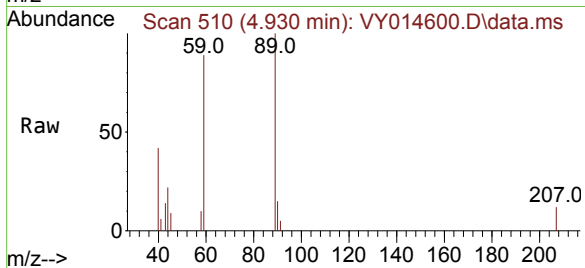
ETGI-330

Tgt Ion: 59 Resp: 2321

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 5.106 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.012 min

Lab File: VY014600.D

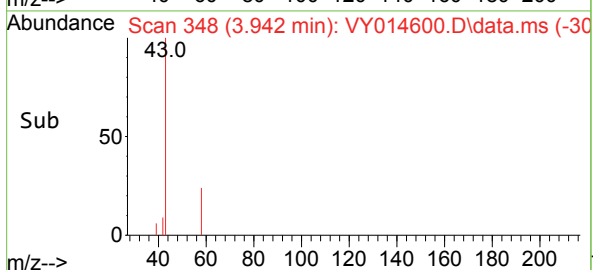
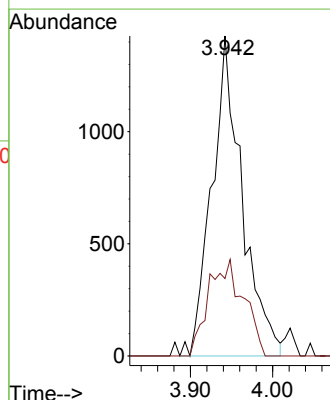
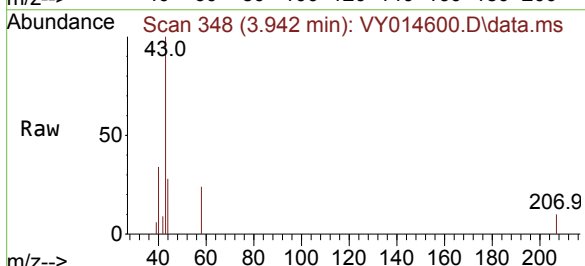
Acq: 07 Jul 2023 16:30

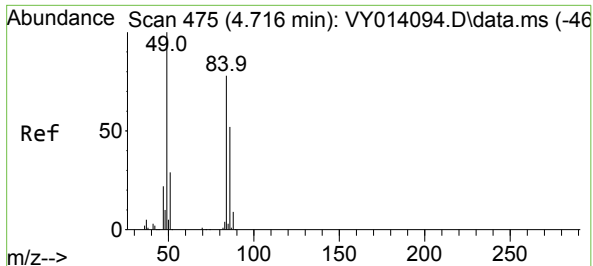
Tgt Ion: 43 Resp: 3651

Ion Ratio Lower Upper

43 100

58 24.2 22.7 34.1

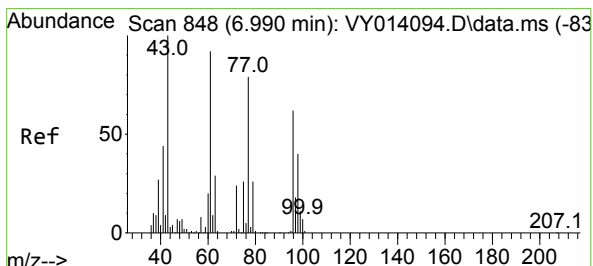
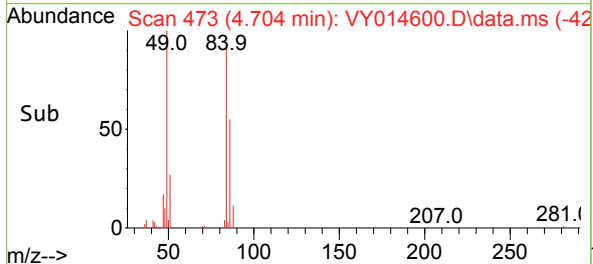
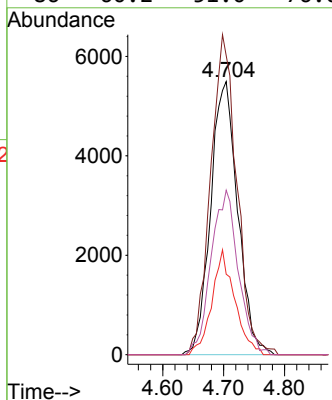
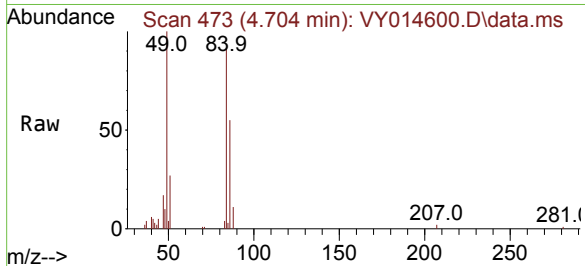




#20
Methylene Chloride
Concen: 1.554 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

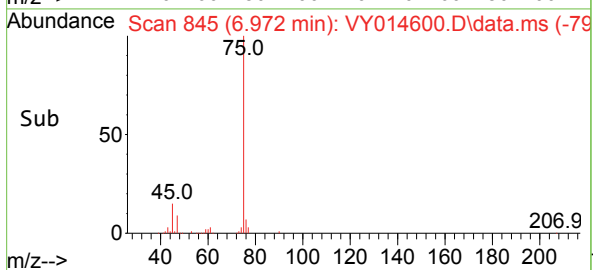
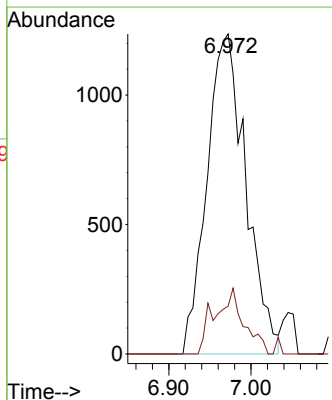
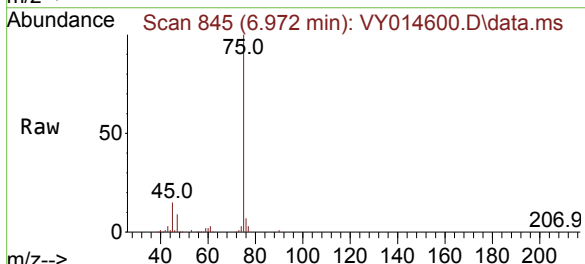
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-330

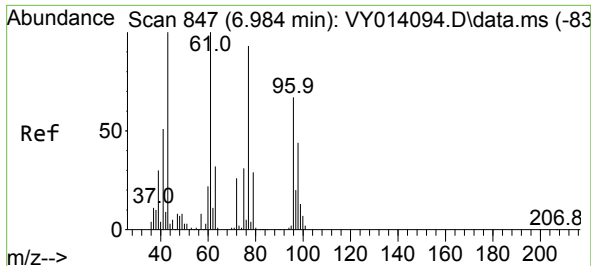
Tgt Ion:	84	Resp:	16964
Ion	Ratio	Lower	Upper
84	100		
49	109.5	106.9	160.3
51	29.5	33.2	49.8#
86	60.2	51.0	76.6



#25
2-Butanone
Concen: 3.838 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

Tgt Ion:	43	Resp:	4063
Ion	Ratio	Lower	Upper
43	100		
72	15.0	20.5	30.7#





#26

2,2-Dichloropropane

Concen: 1.655 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY014600.D

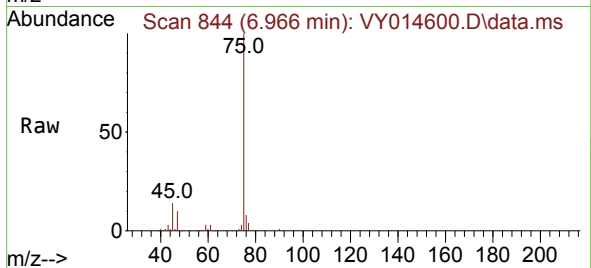
Acq: 07 Jul 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-330

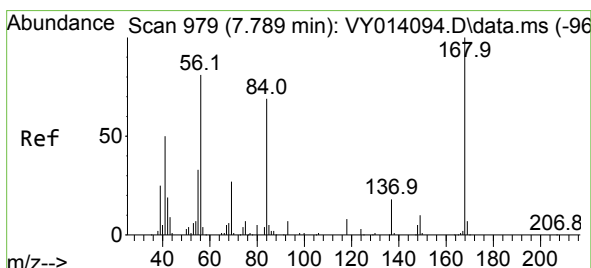
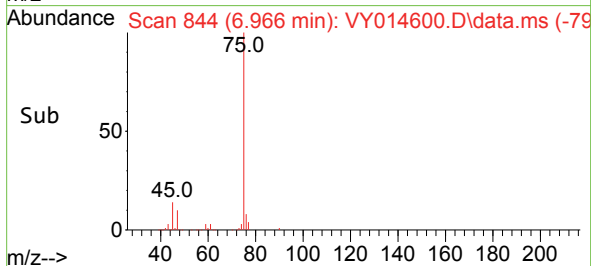
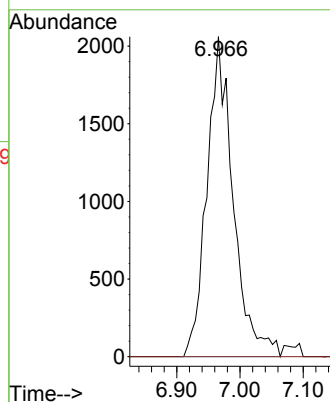


Tgt Ion: 77 Resp: 5936

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.091 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY014600.D

Acq: 07 Jul 2023 16:30

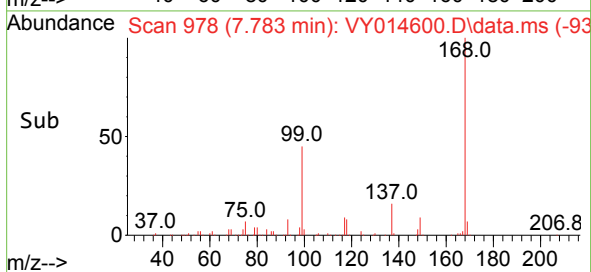
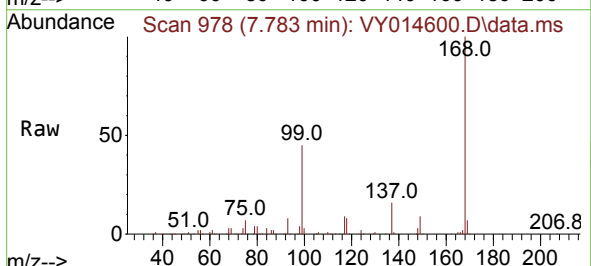
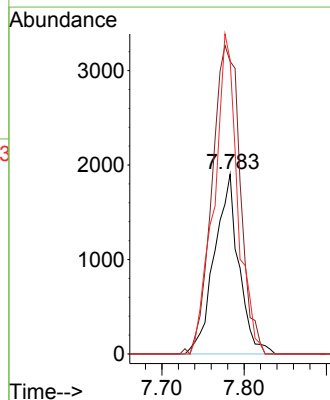
Tgt Ion: 56 Resp: 3919

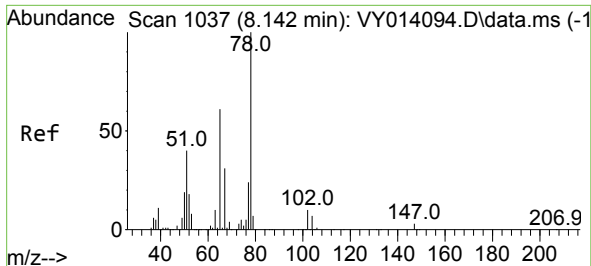
Ion Ratio Lower Upper

56 100

69 162.9 27.8 41.6#

84 163.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 51.031 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY014600.D

Acq: 07 Jul 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

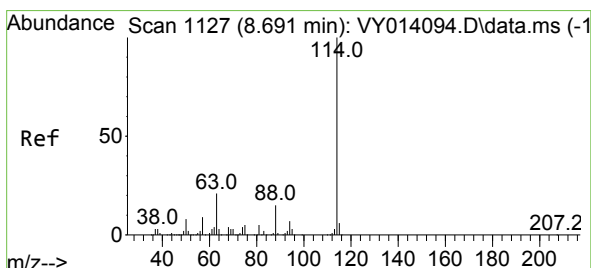
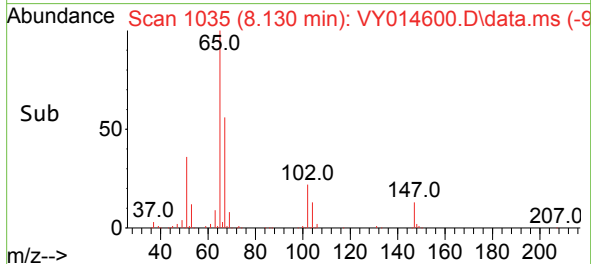
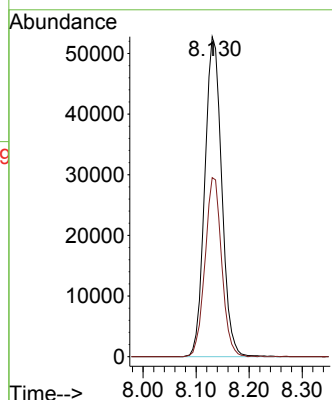
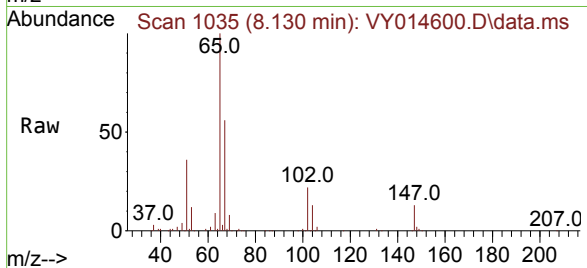
ETGI-330

Tgt Ion: 65 Resp: 116842

Ion Ratio Lower Upper

65 100

67 55.1 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: VY014600.D

Acq: 07 Jul 2023 16:30

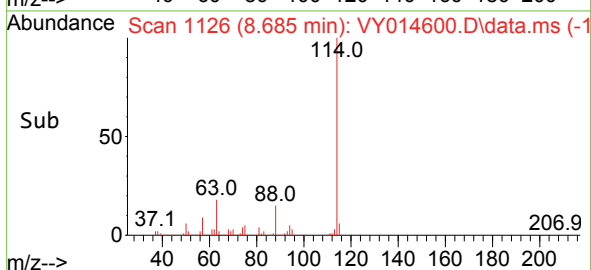
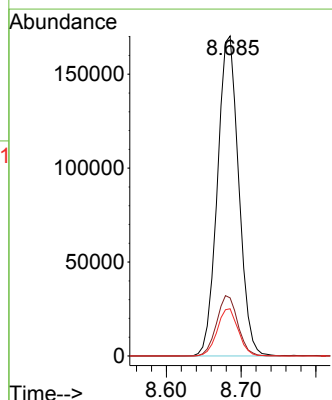
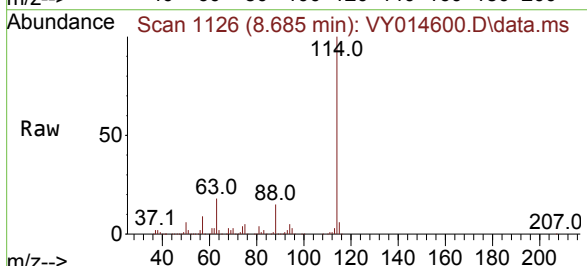
Tgt Ion: 114 Resp: 336768

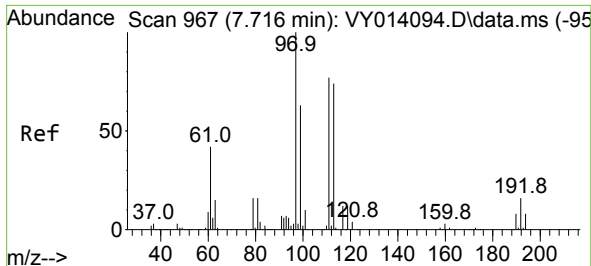
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.7 0.0 30.6

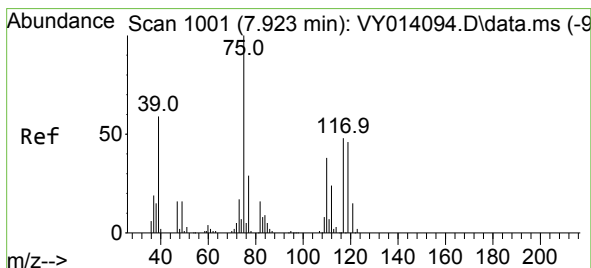
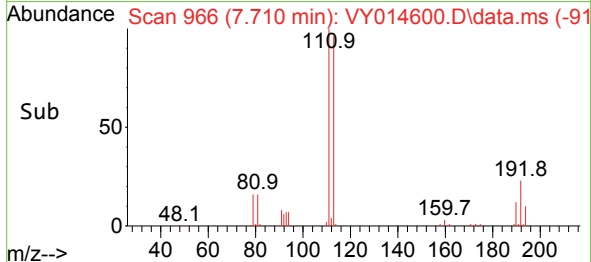
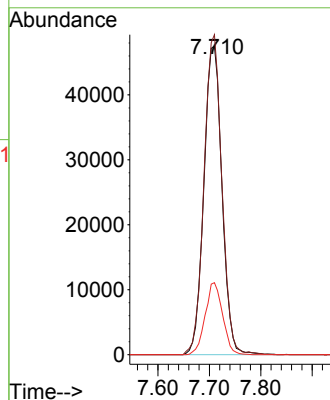
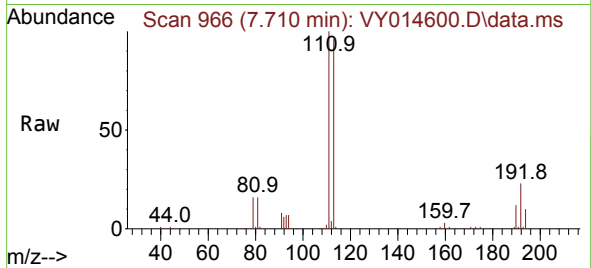




#35
Dibromofluoromethane
Concen: 56.026 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

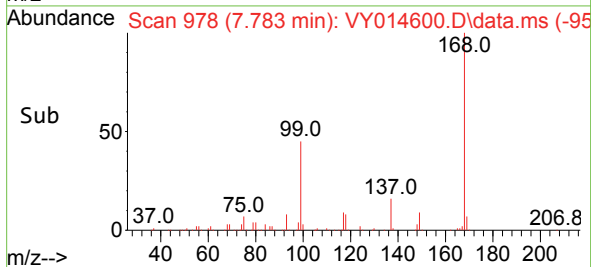
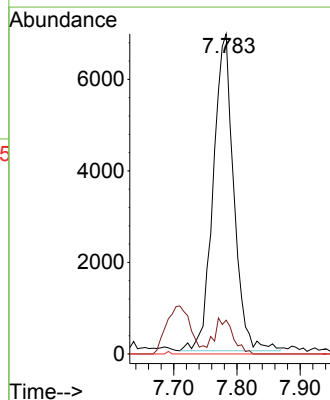
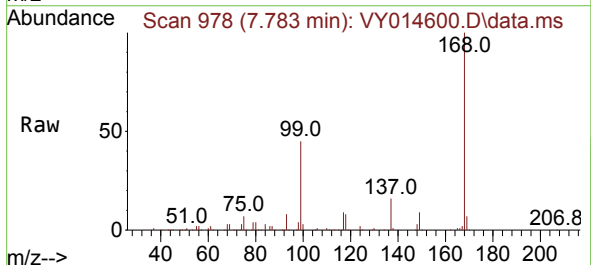
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-330

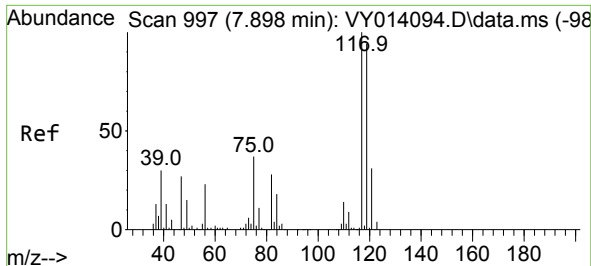
Tgt Ion:113 Resp: 116190
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 22.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

Tgt Ion: 75 Resp: 15649
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#

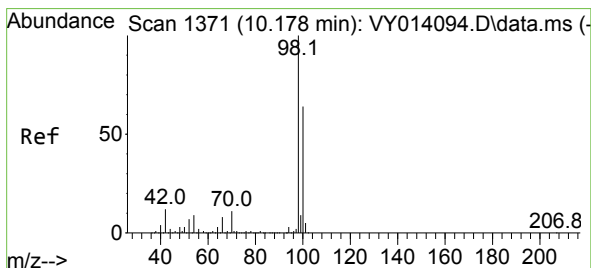
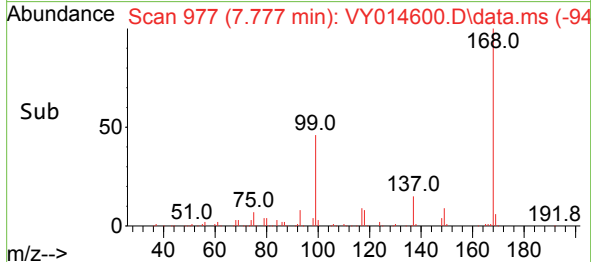
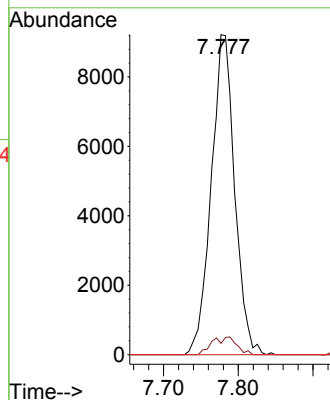
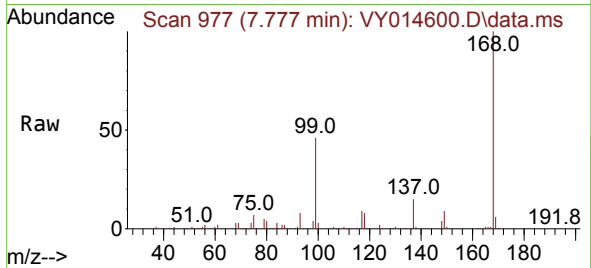




#38
Carbon Tetrachloride
Concen: 6.065 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.121 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

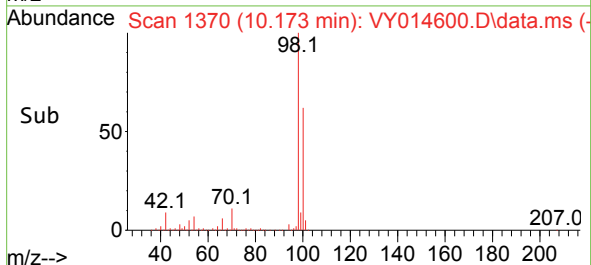
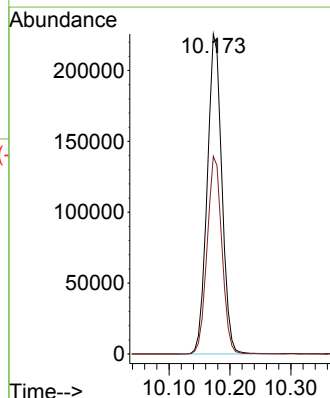
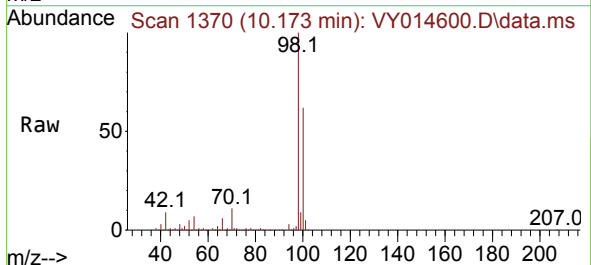
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-330

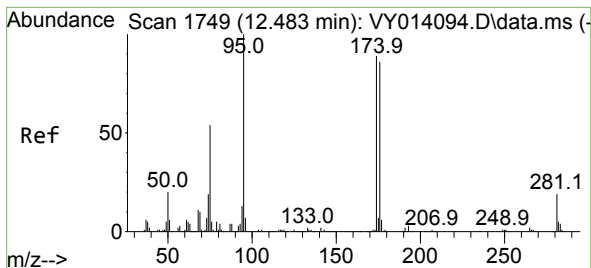
Tgt Ion:117 Resp: 20109
Ion Ratio Lower Upper
117 100
119 3.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.026 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

Tgt Ion: 98 Resp: 377324
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

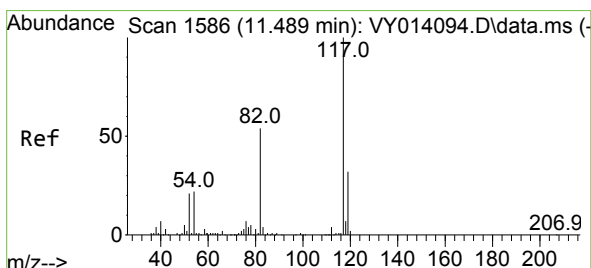
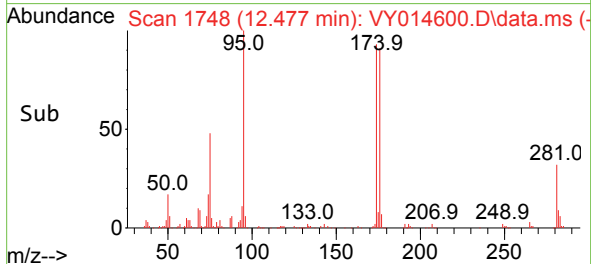
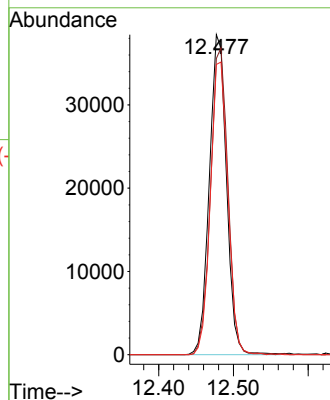
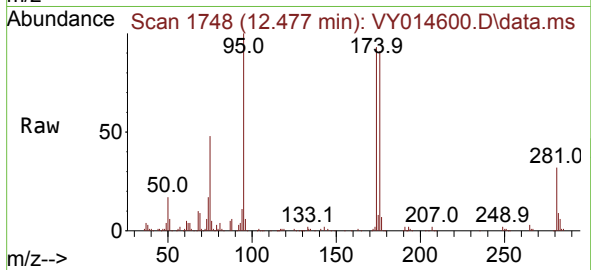




#62
4-Bromofluorobenzene
Concen: 21.571 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

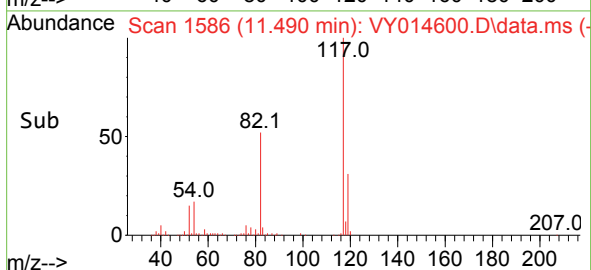
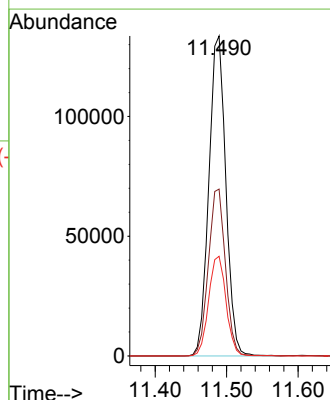
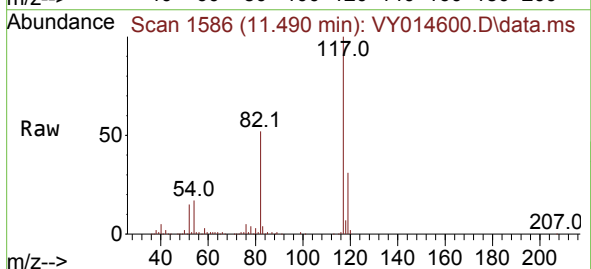
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-330

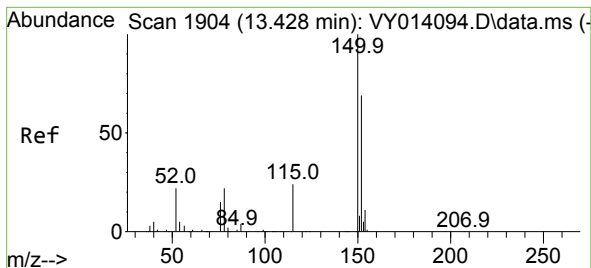
Tgt Ion: 95 Resp: 61408
Ion Ratio Lower Upper
95 100
174 96.8 0.0 178.2
176 92.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

Tgt Ion: 117 Resp: 220294
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.2 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: VY014600.D

Acq: 07 Jul 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-330

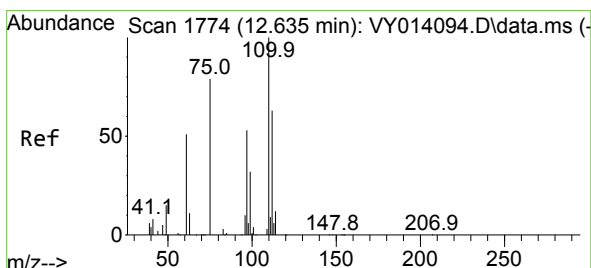
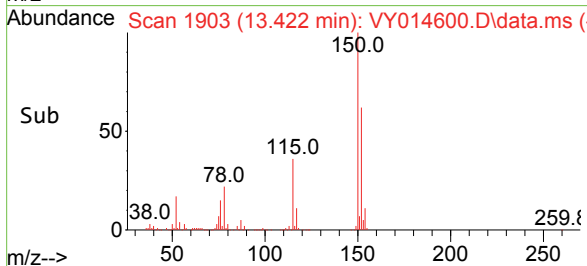
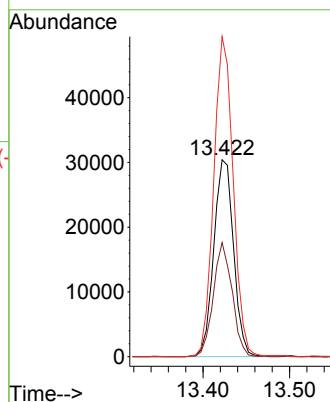
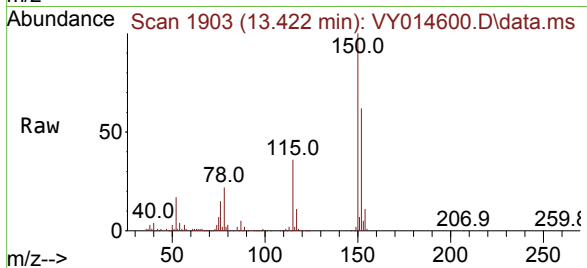
Tgt Ion:152 Resp: 48279

Ion Ratio Lower Upper

152 100

115 55.0 28.8 86.5

150 159.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 50.922 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014600.D

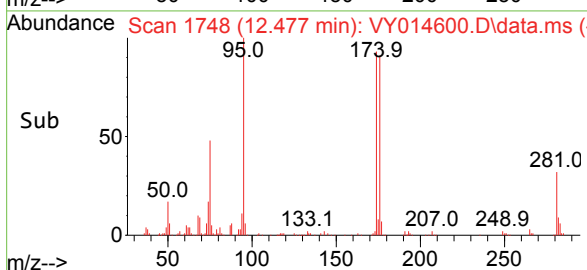
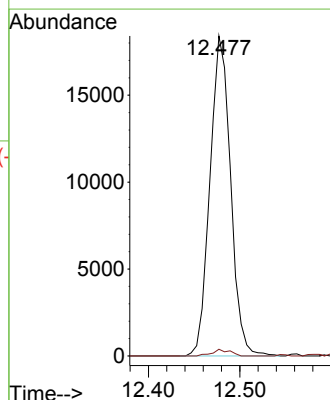
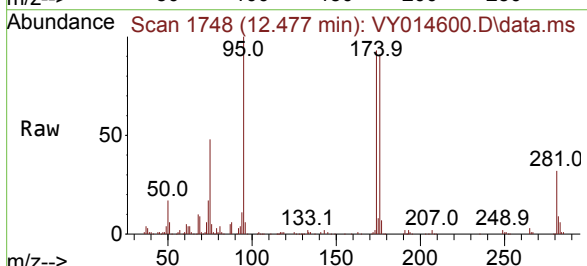
Acq: 07 Jul 2023 16:30

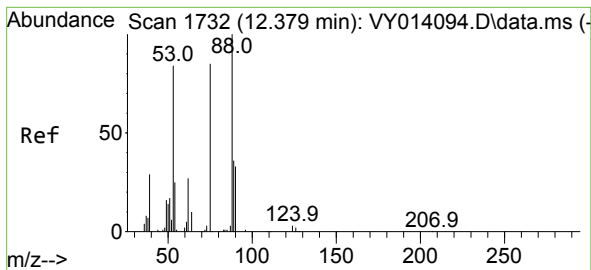
Tgt Ion: 75 Resp: 28849

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.115 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY014600.D
Acq: 07 Jul 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-330

Tgt Ion:	75	Resp:	28849
Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.8	116.8#
89	0.1	37.4	56.0#

