

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018258.D
 Acq On : 14 May 2024 15:11
 Operator : SY/MD
 Sample : P2477-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-339

Quant Time: May 15 04:15:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	163396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	311309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	101155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82116	68.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.620%	
35) Dibromofluoromethane	7.716	113	92983	56.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.660%	
50) Toluene-d8	10.179	98	350546	54.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.740%	
62) 4-Bromofluorobenzene	12.483	95	103823	49.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.740%	

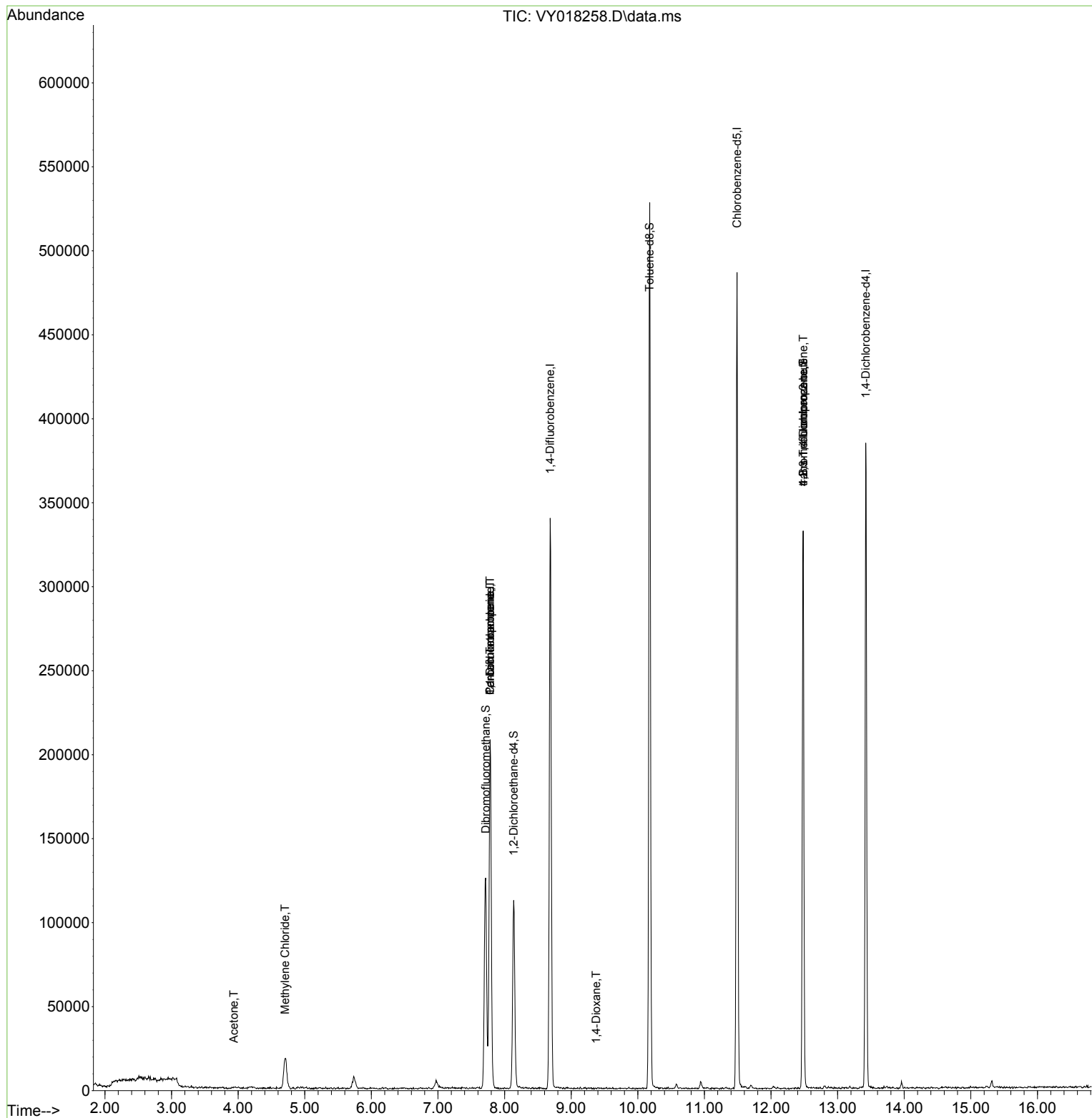
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.942	59	273	Below Cal	#	56
13) Acrolein	3.723	56	44	Below Cal	#	1
16) Acetone	3.936	43	1210	5.044	ug/l #	66
20) Methylene Chloride	4.704	84	15132	8.925	ug/l	96
31) Cyclohexane	7.783	56	3628	Below Cal	#	31
36) 1,1-Dichloropropene	7.783	75	12451	5.309	ug/l #	47
38) Carbon Tetrachloride	7.783	117	16670	6.505	ug/l #	18
49) 1,4-Dioxane	9.374	88	69	5.482	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	53268	65.789	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53268	126.753	ug/l #	16

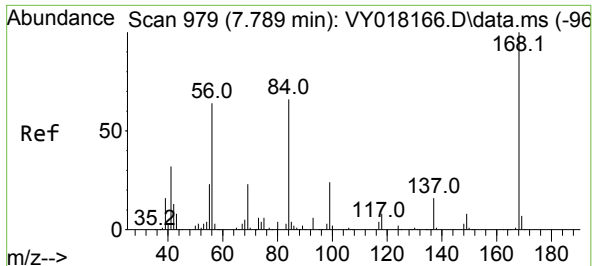
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339

Quant Time: May 15 04:15:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

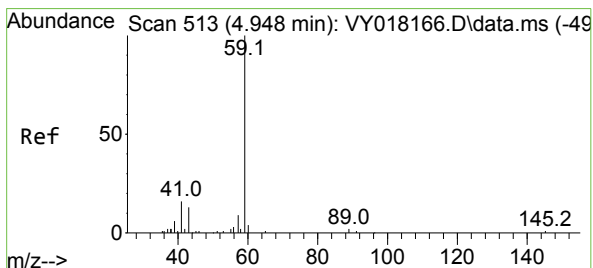
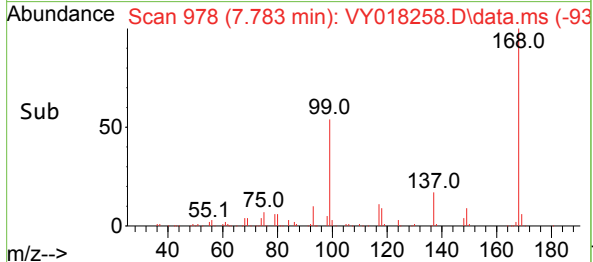
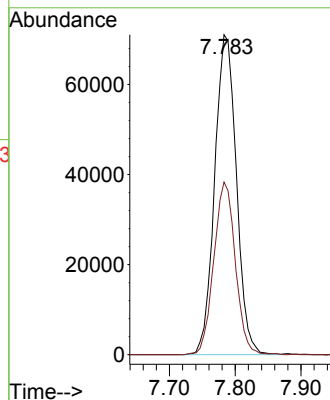
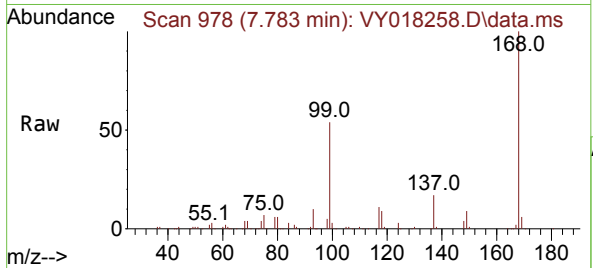




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

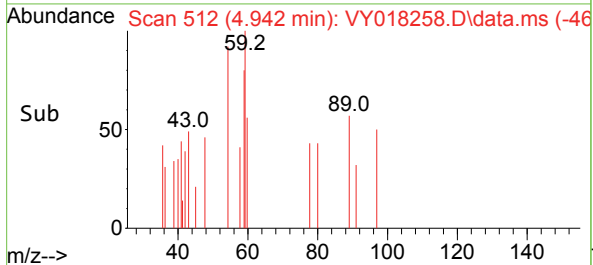
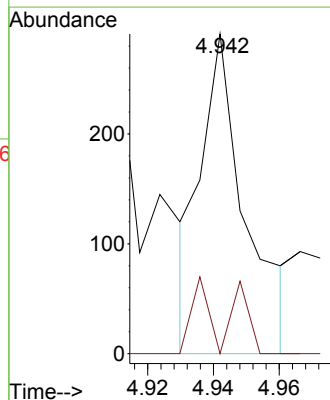
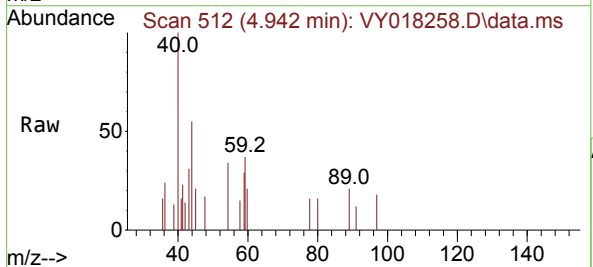
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339

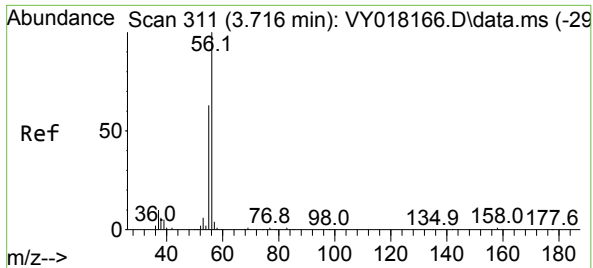
Tgt Ion:168 Resp: 163396
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

Tgt Ion: 59 Resp: 273
Ion Ratio Lower Upper
59 100
57 18.3 3.0 4.6#

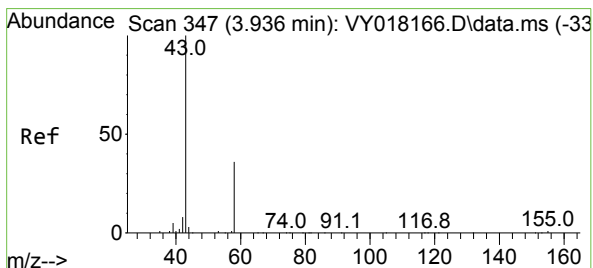
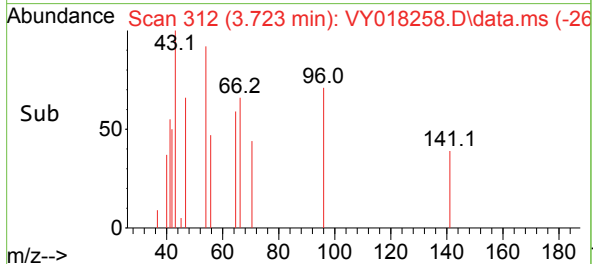
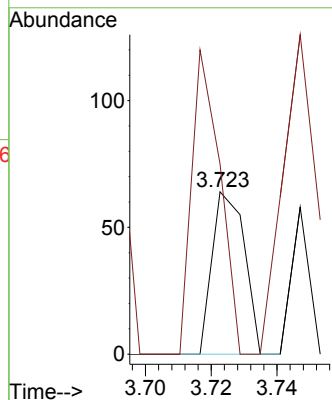
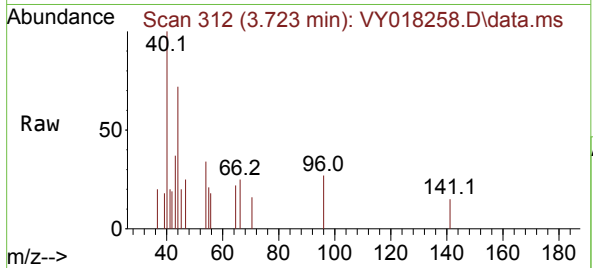




#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

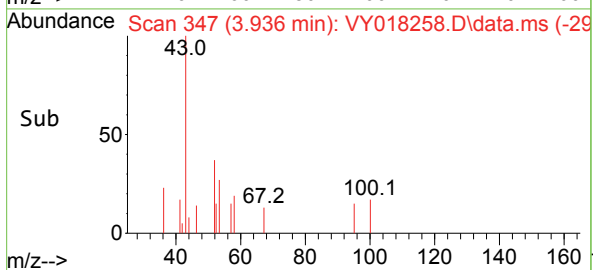
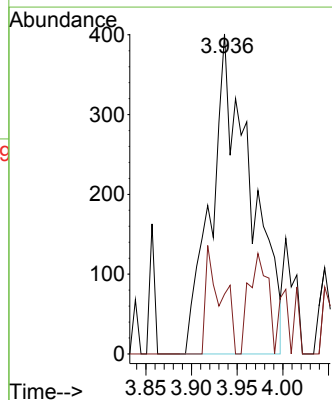
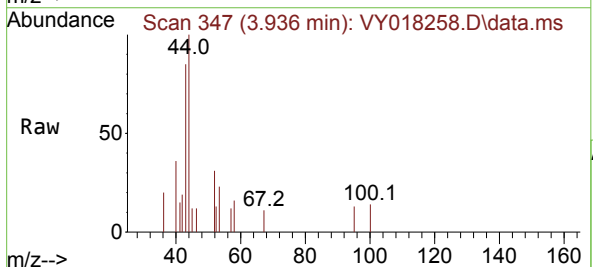
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339

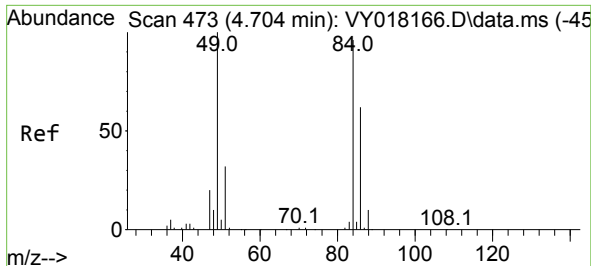
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 161.4 55.7 83.5#



#16
Acetone
Concen: 5.044 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
58 18.7 31.7 47.5#

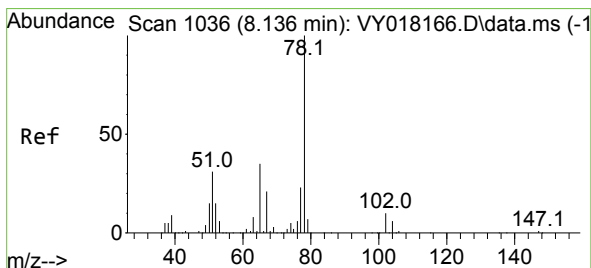
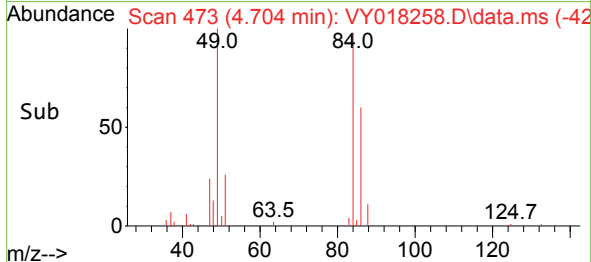
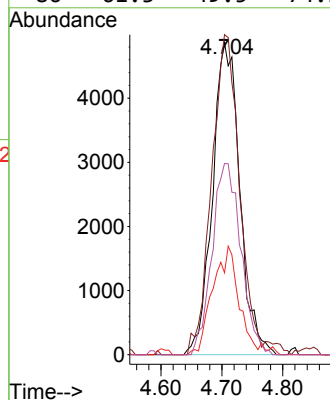
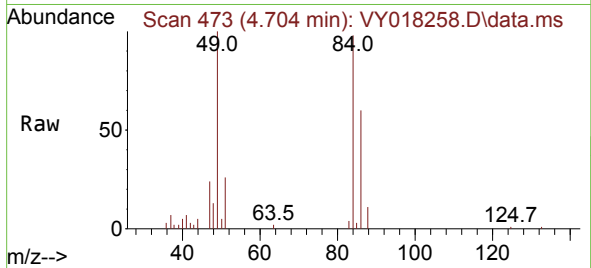




#20
Methylene Chloride
Concen: 8.925 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

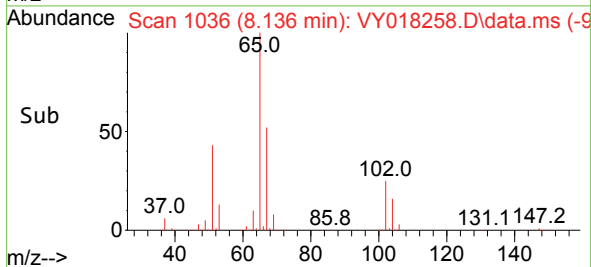
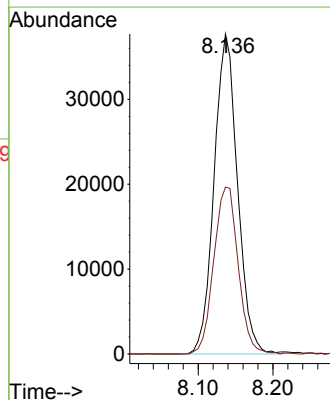
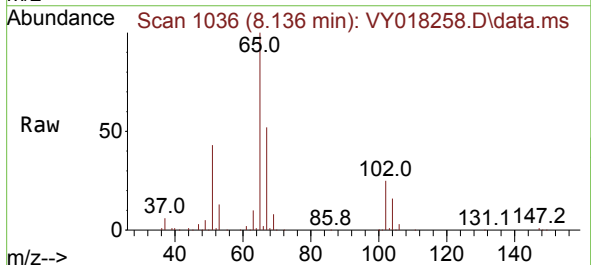
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339

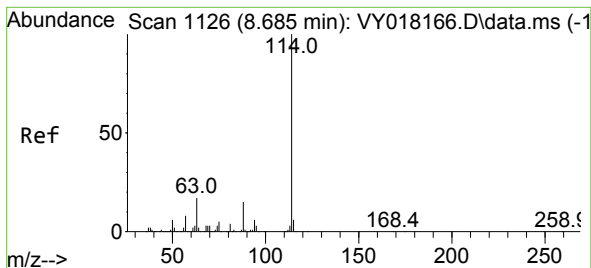
Tgt Ion:	84	Resp:	15132
Ion	Ratio	Lower	Upper
84	100		
49	102.5	84.4	126.6
51	26.2	26.0	39.0
86	61.3	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 68.313 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

Tgt Ion:	65	Resp:	82116
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018258.D

Acq: 14 May 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-339

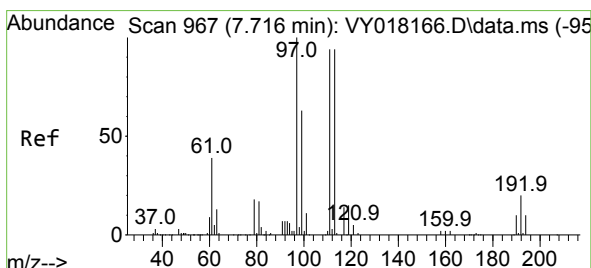
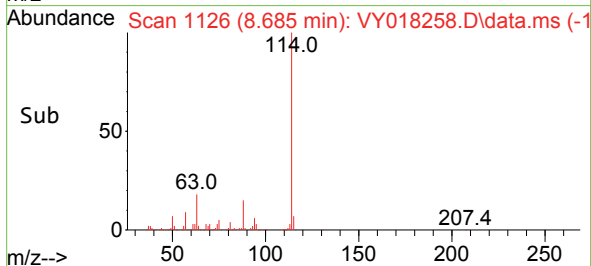
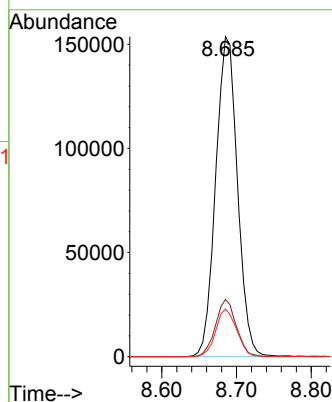
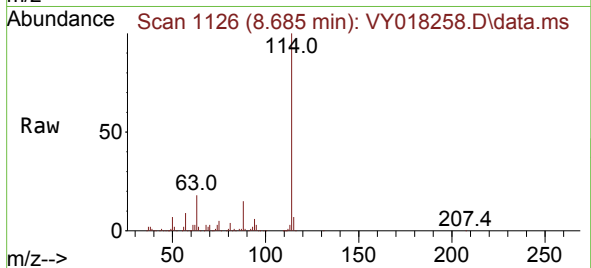
Tgt Ion:114 Resp: 311309

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.833 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY018258.D

Acq: 14 May 2024 15:11

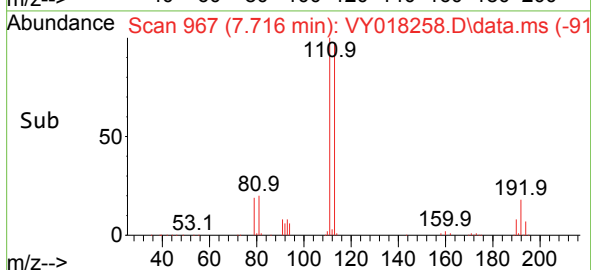
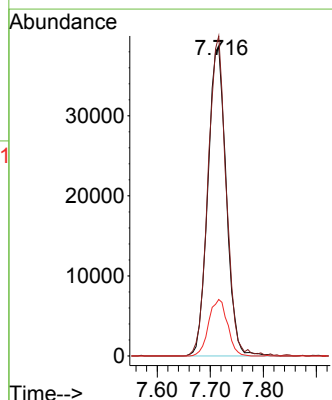
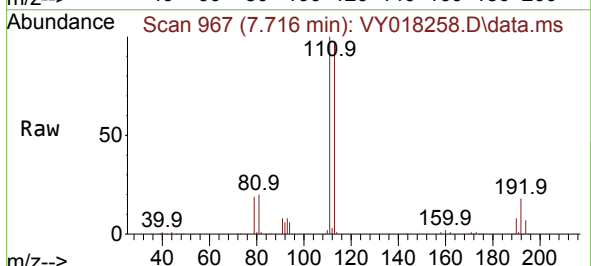
Tgt Ion:113 Resp: 92983

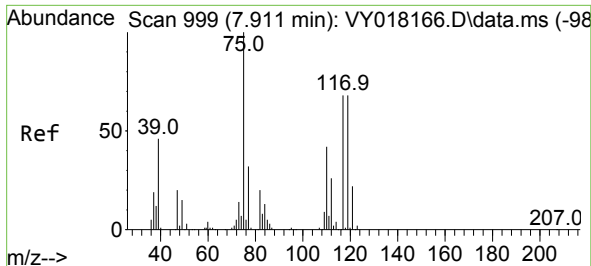
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 18.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.309 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY018258.D

Acq: 14 May 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-339

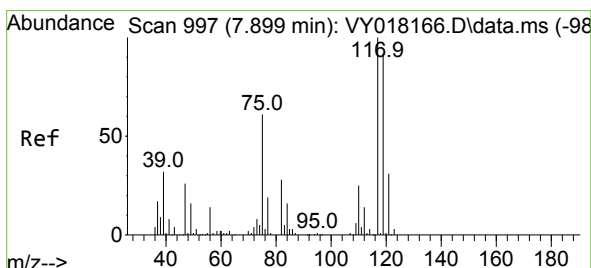
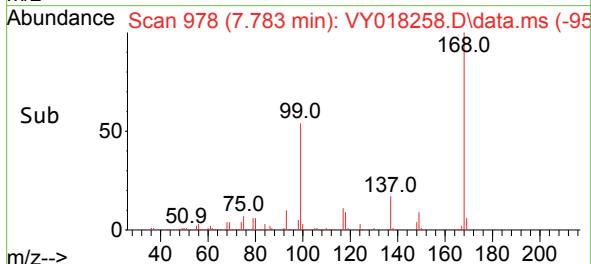
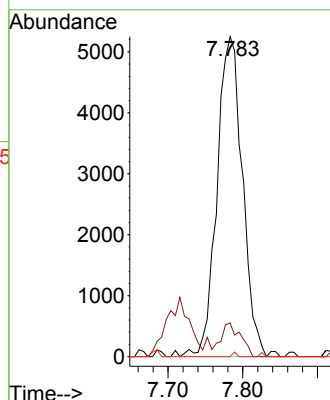
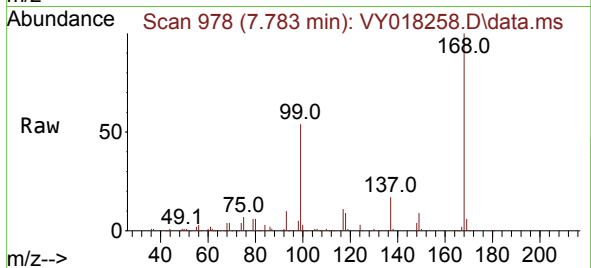
Tgt Ion: 75 Resp: 12451

Ion Ratio Lower Upper

75 100

110 8.1 19.0 57.0#

77 0.2 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.505 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY018258.D

Acq: 14 May 2024 15:11

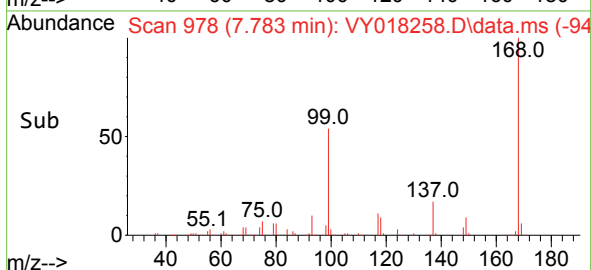
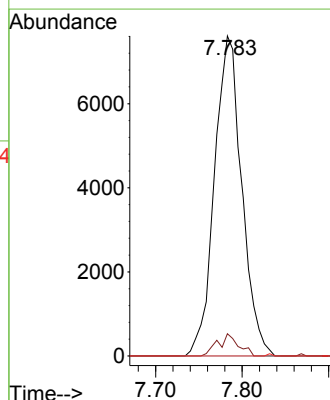
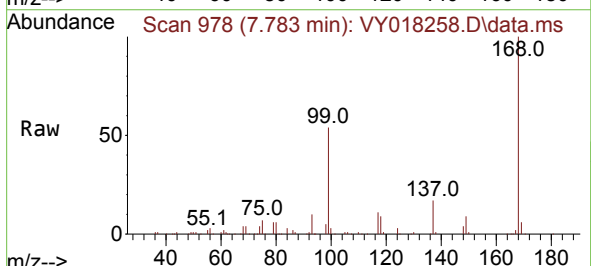
Tgt Ion: 117 Resp: 16670

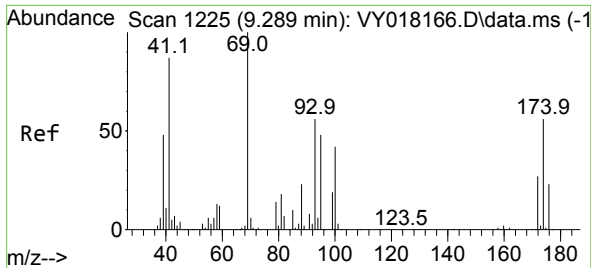
Ion Ratio Lower Upper

117 100

119 7.0 75.8 113.6#

121 0.0 24.0 36.0#

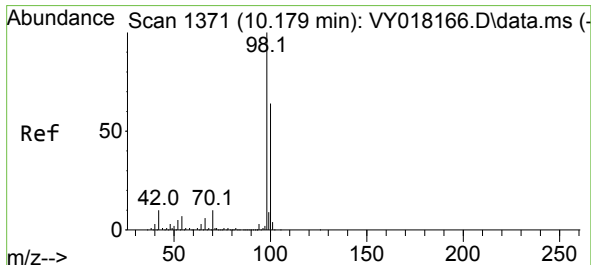
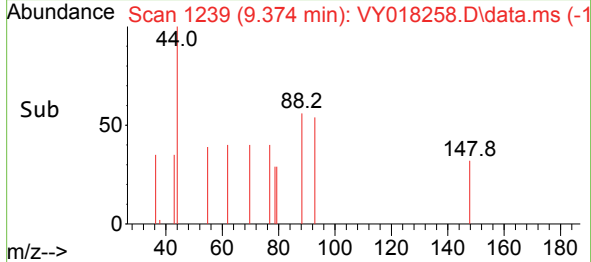
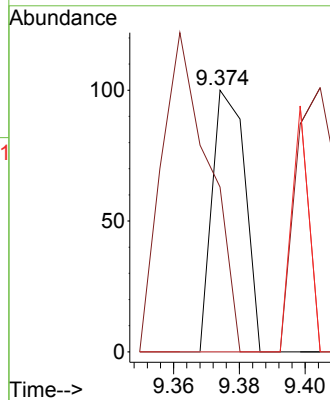
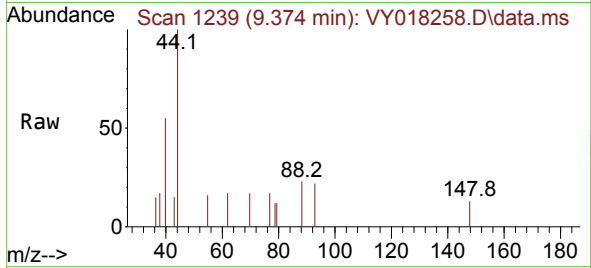




#49
1,4-Dioxane
Concen: 5.482 ug/l
RT: 9.374 min Scan# 1239
Delta R.T. 0.085 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

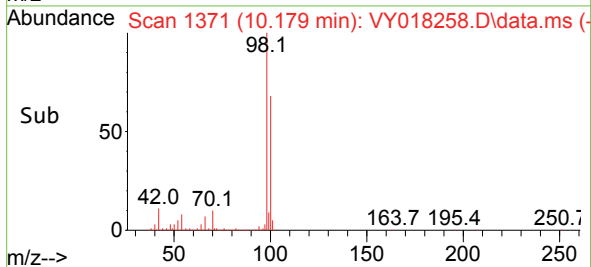
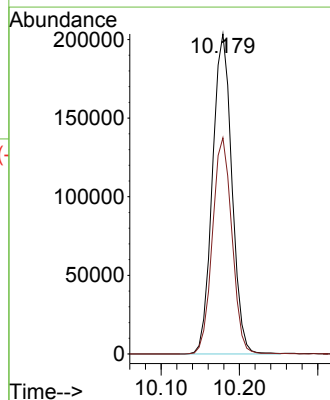
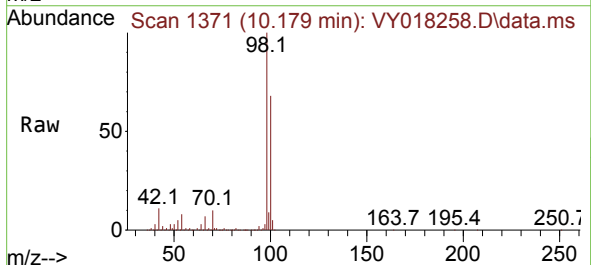
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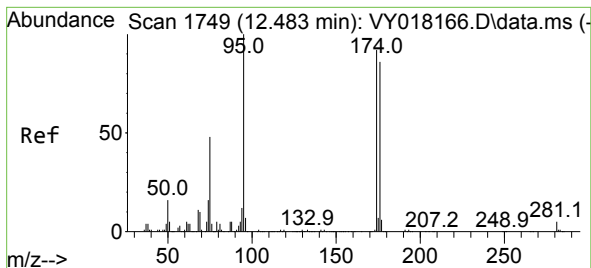
Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 176.8 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 54.372 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

Tgt Ion: 98 Resp: 350546
Ion Ratio Lower Upper
98 100
100 67.8 52.0 78.0

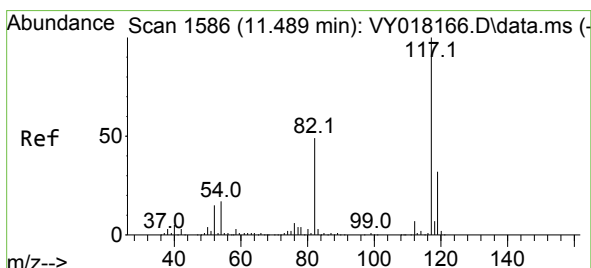
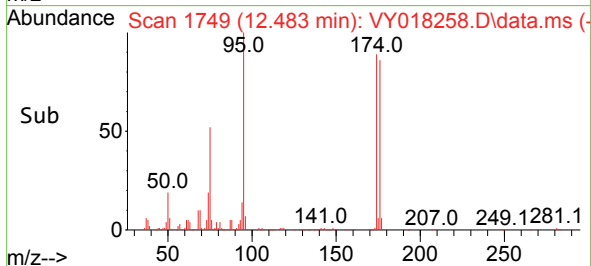
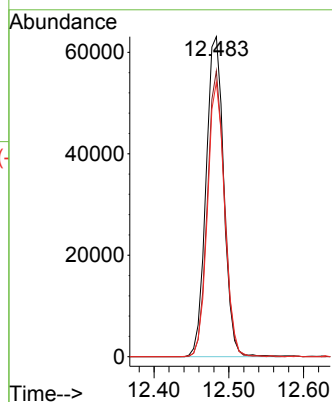
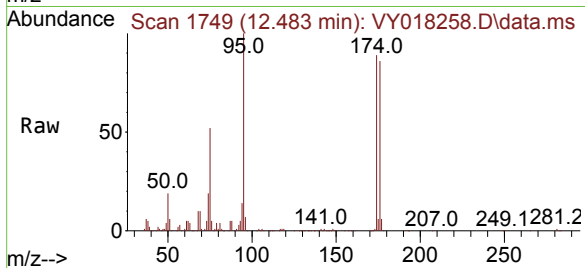




#62
4-Bromofluorobenzene
Concen: 49.866 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

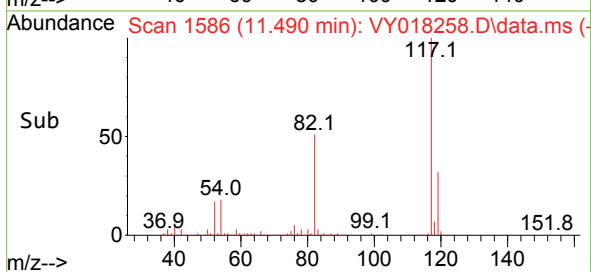
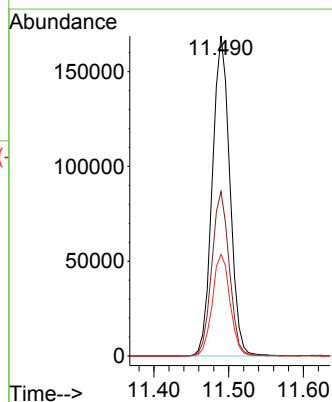
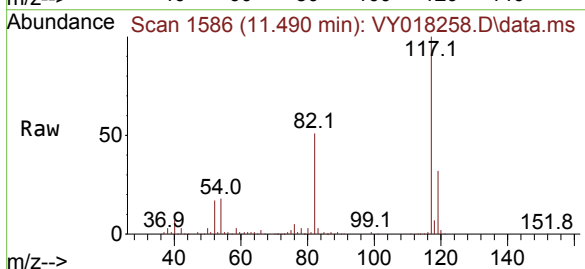
Instrument :
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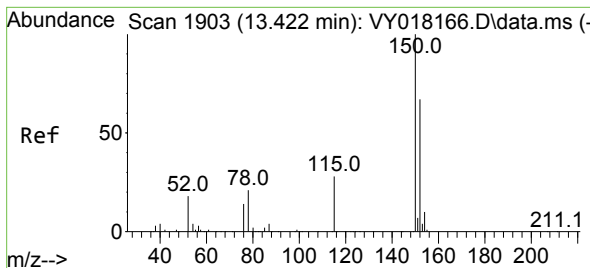
Tgt Ion: 95 Resp: 103823
Ion Ratio Lower Upper
95 100
174 86.0 0.0 175.6
176 83.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018258.D
Acq: 14 May 2024 15:11

Tgt Ion: 117 Resp: 275836
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 31.7 25.9 38.9

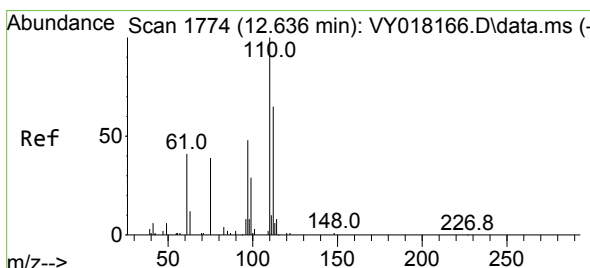
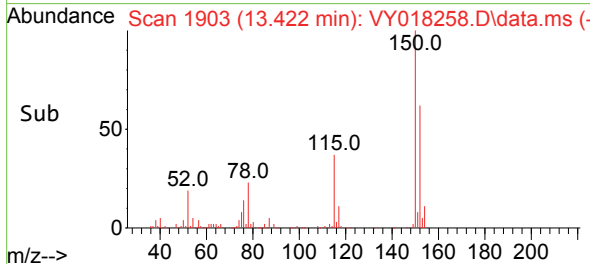
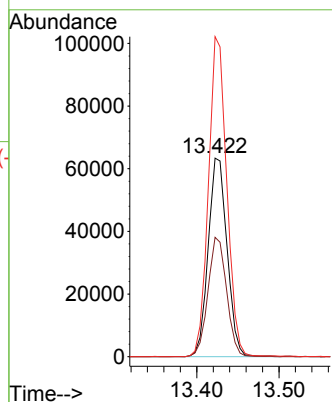
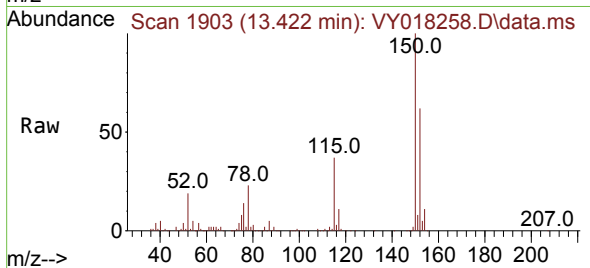




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018258.D
 Acq: 14 May 2024 15:11

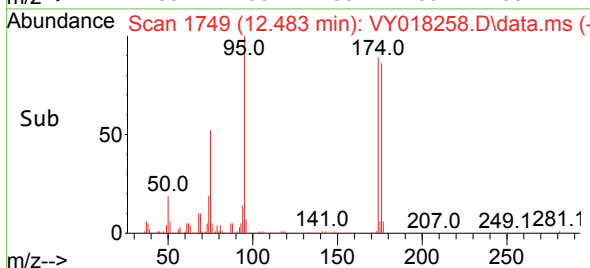
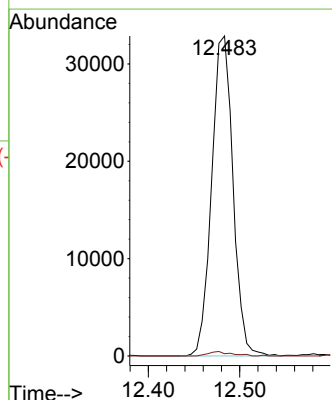
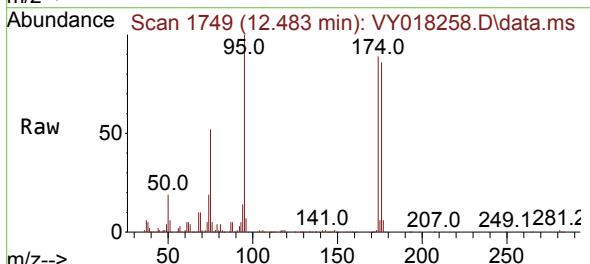
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-339

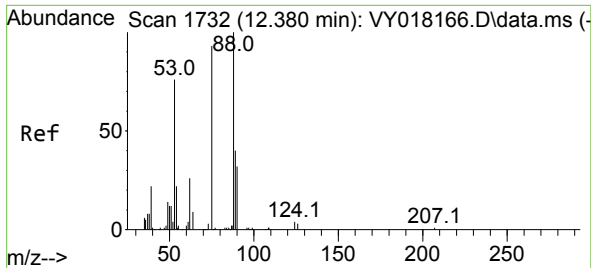
Tgt Ion:152 Resp: 101155
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.2 84.7
 150 156.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 65.789 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY018258.D
 Acq: 14 May 2024 15:11

Tgt Ion: 75 Resp: 53268
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.753 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018258.D
 Acq: 14 May 2024 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-339

Tgt Ion:	75	Resp:	53268
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

