

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017343.D
 Acq On : 09 Feb 2024 16:44
 Operator : SY/MD
 Sample : P1413-06RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-358

Quant Time: Feb 09 22:05:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

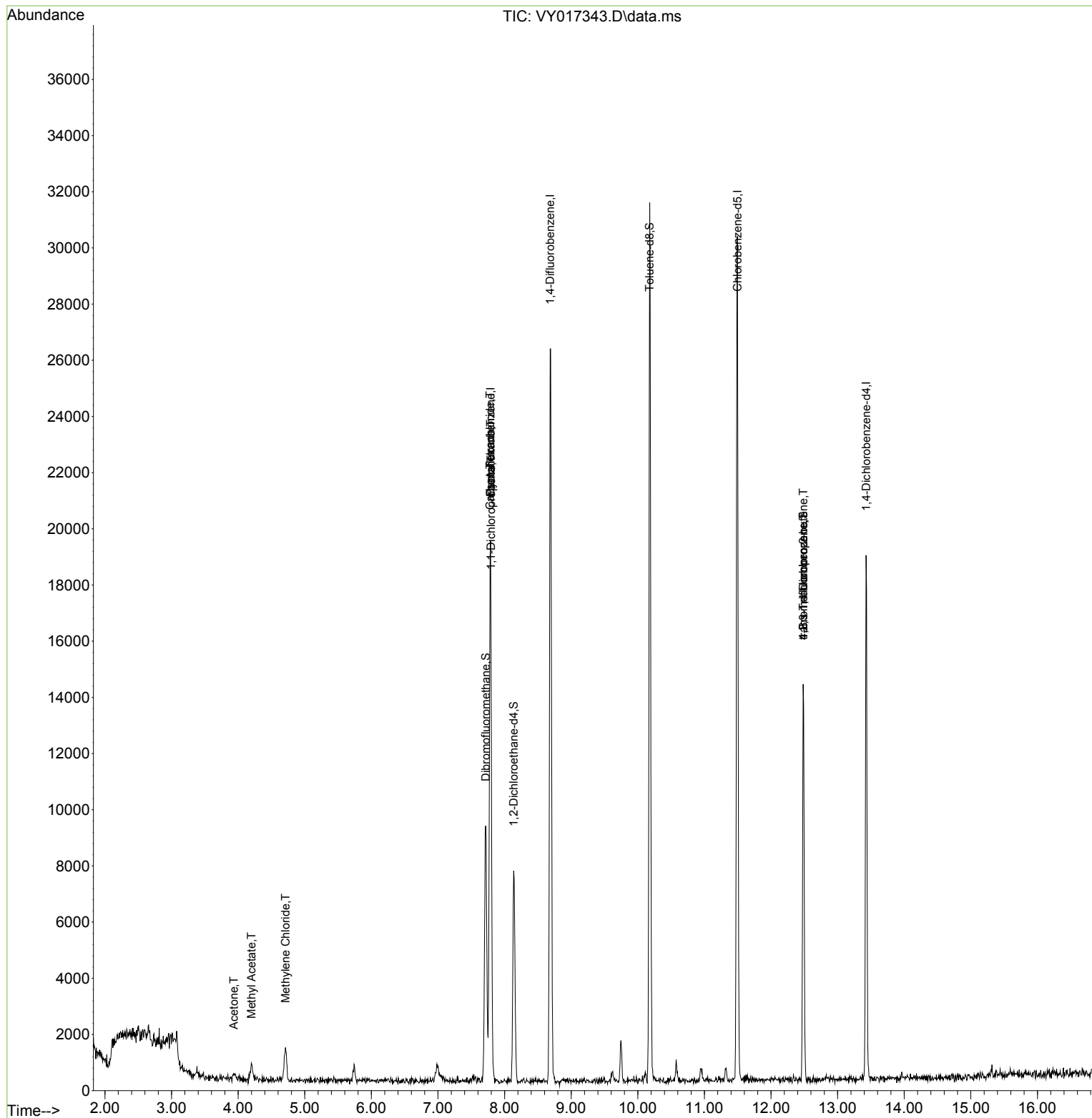
Internal Standards						
1) Pentafluorobenzene	7.789	168	15255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	23141	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	17992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5847	42.905	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.800%
35) Dibromofluoromethane	7.716	113	7146	57.192	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.380%
50) Toluene-d8	10.179	98	21126	46.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.483	95	4372	29.338	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.680%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	506	12.633	ug/l #	41
18) Methyl Acetate	4.198	43	114	1.276	ug/l #	51
20) Methylene Chloride	4.710	84	874	1.962	ug/l #	85
31) Cyclohexane	7.789	56	315	1.147	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	1103	5.118	ug/l #	42
38) Carbon Tetrachloride	7.783	117	1558	7.550	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2413	51.081	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2413	106.140	ug/l #	12

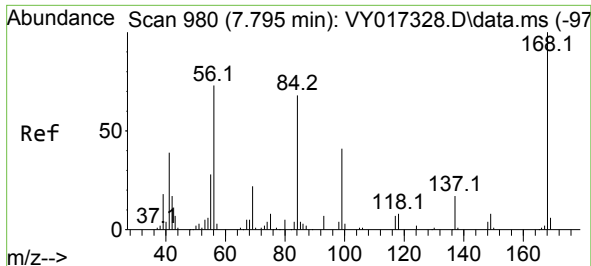
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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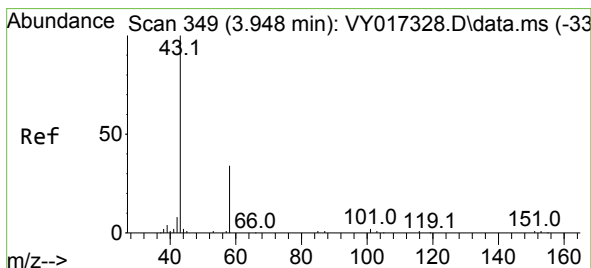
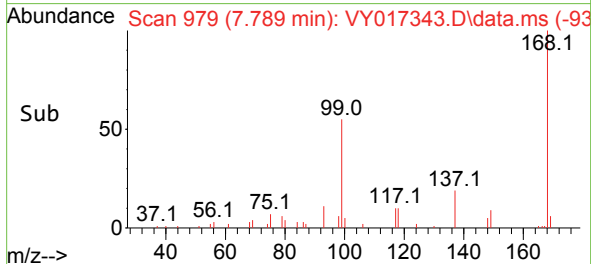
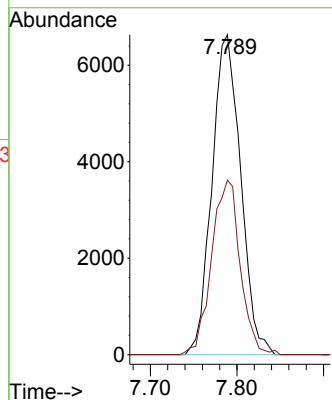
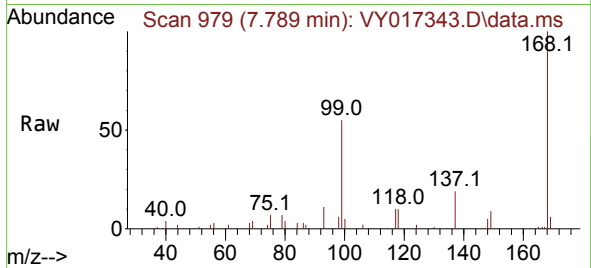




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

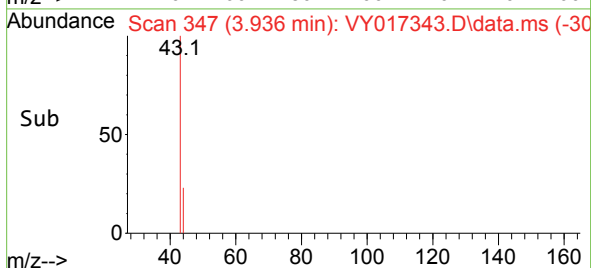
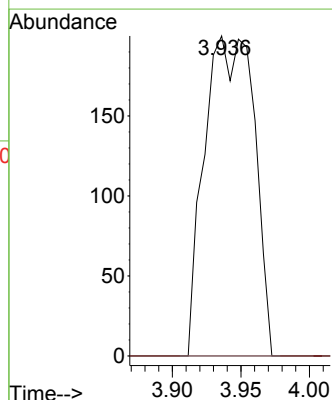
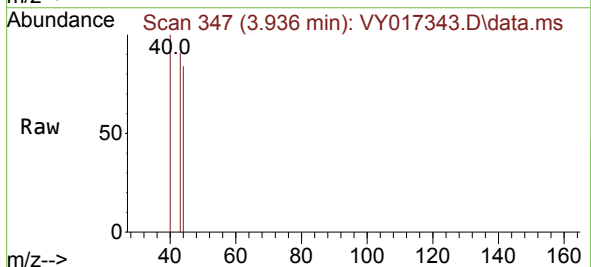
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-358

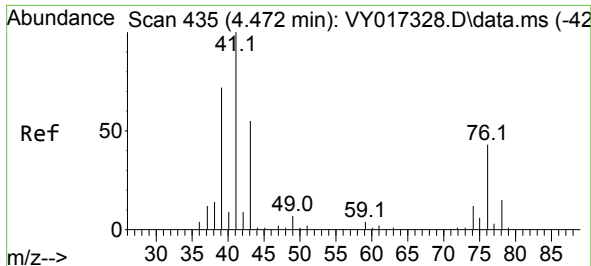
Tgt Ion:168 Resp: 15255
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#16
Acetone
Concen: 12.633 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#





#18

Methyl Acetate

Concen: 1.276 ug/l

RT: 4.198 min Scan# 390

Delta R.T. -0.286 min

Lab File: VY017343.D

Acq: 09 Feb 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

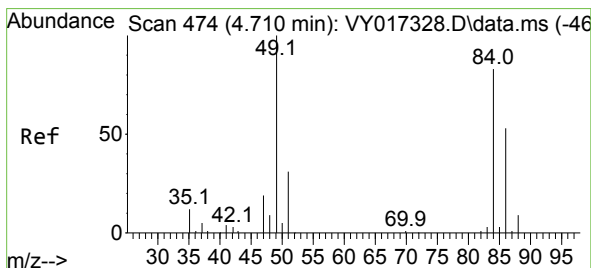
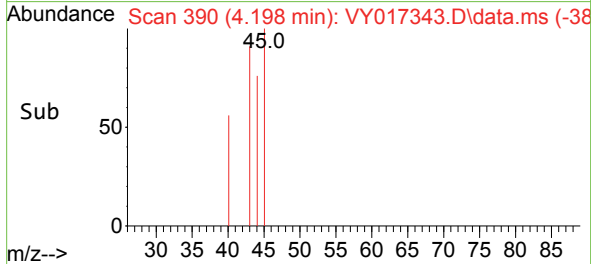
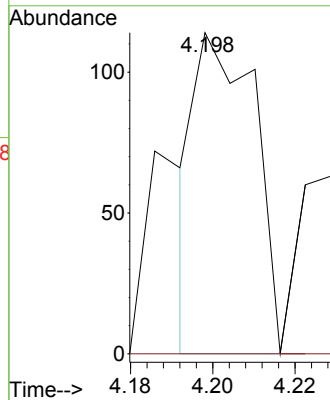
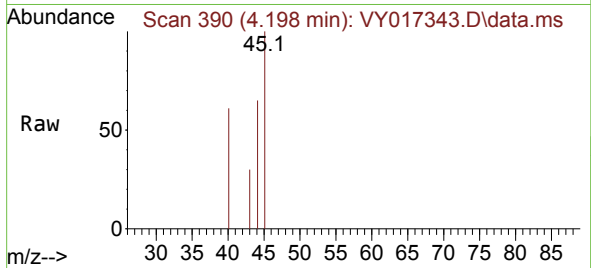
ETGI-358

Tgt Ion: 43 Resp: 114

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.6#



#20

Methylene Chloride

Concen: 1.962 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.018 min

Lab File: VY017343.D

Acq: 09 Feb 2024 16:44

Tgt Ion: 84 Resp: 874

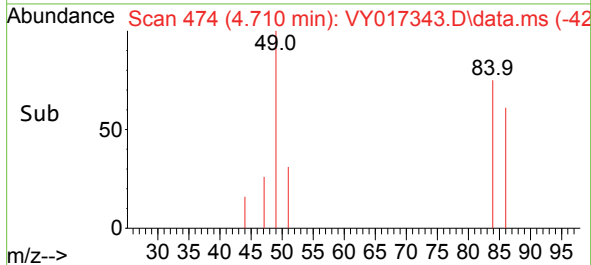
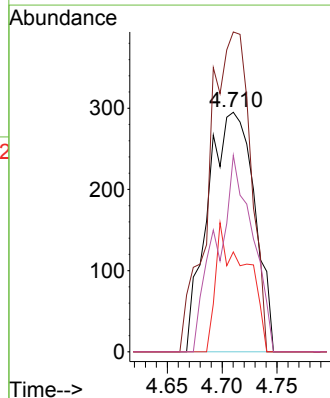
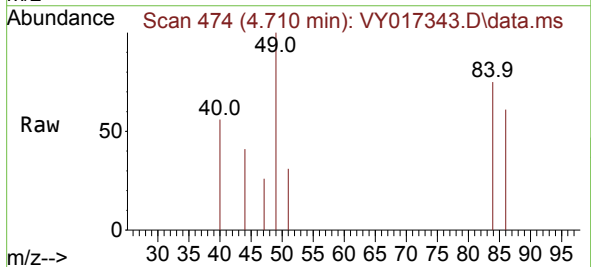
Ion Ratio Lower Upper

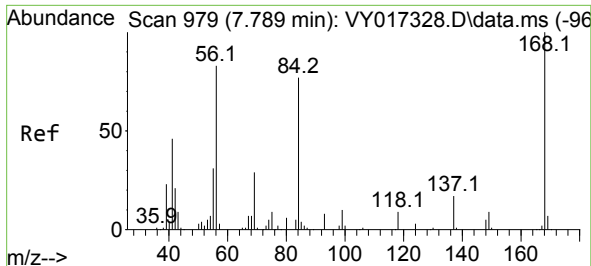
84 100

49 133.6 95.2 142.8

51 41.7 29.9 44.9

86 82.0 52.2 78.4#

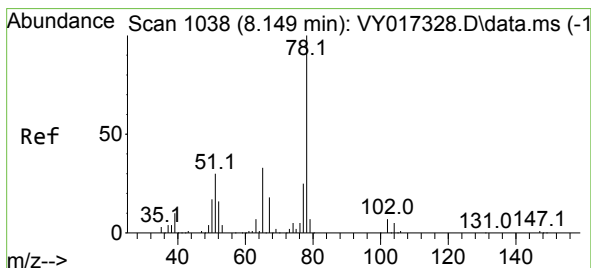
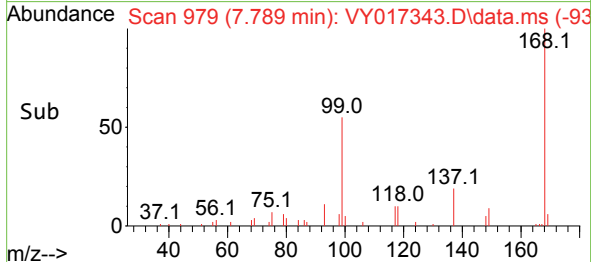
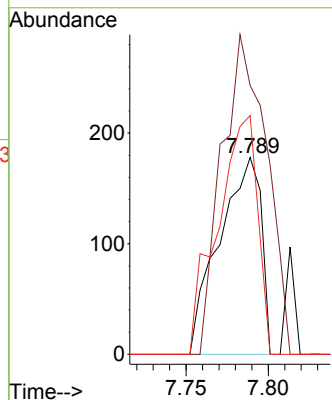
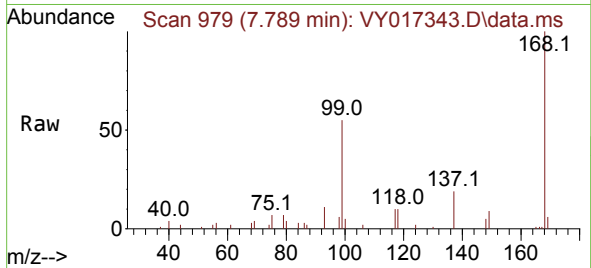




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

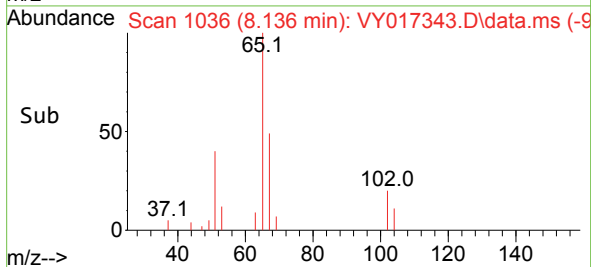
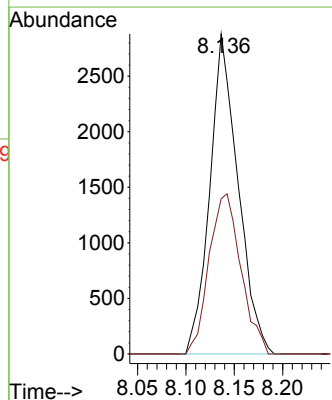
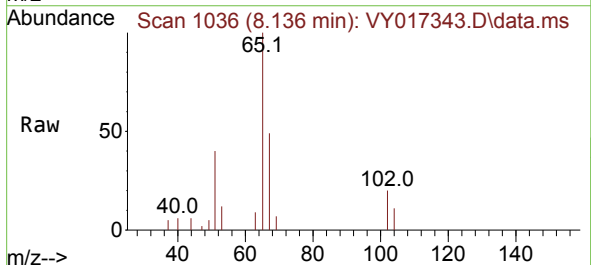
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-358

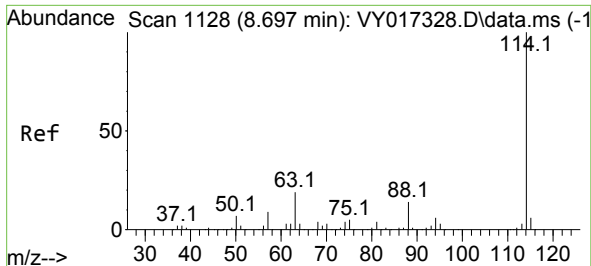
Tgt Ion: 56 Resp: 315
Ion Ratio Lower Upper
56 100
69 136.5 27.0 40.6#
84 121.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 42.905 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

Tgt Ion: 65 Resp: 5847
Ion Ratio Lower Upper
65 100
67 56.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY017343.D

Acq: 09 Feb 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-358

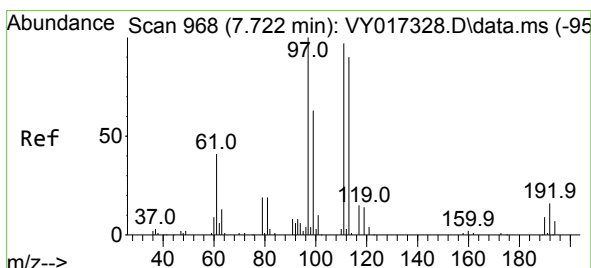
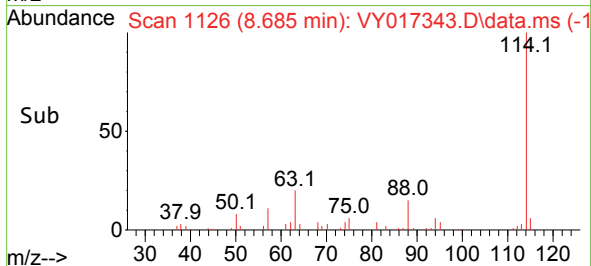
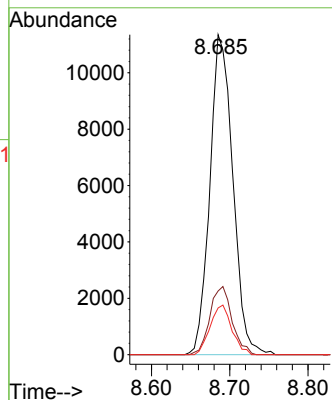
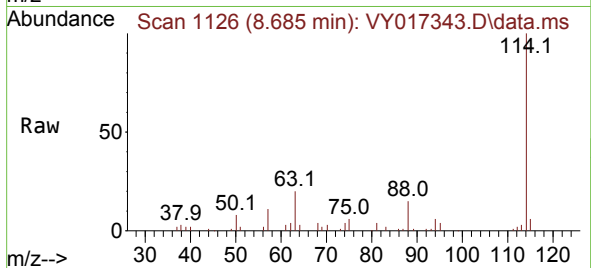
Tgt Ion:114 Resp: 23141

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 57.192 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017343.D

Acq: 09 Feb 2024 16:44

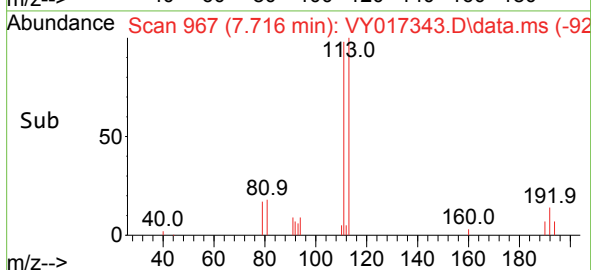
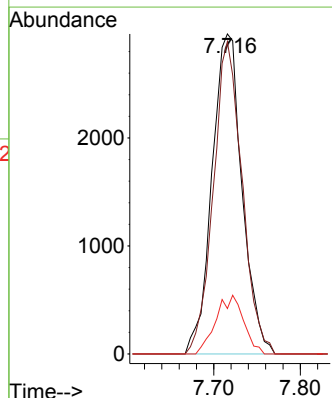
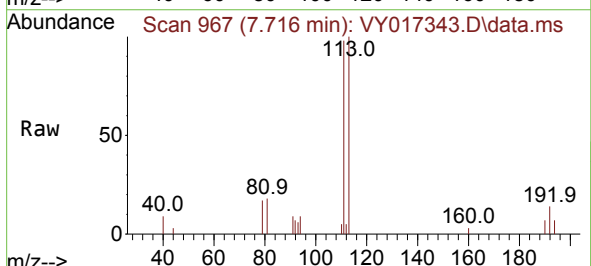
Tgt Ion:113 Resp: 7146

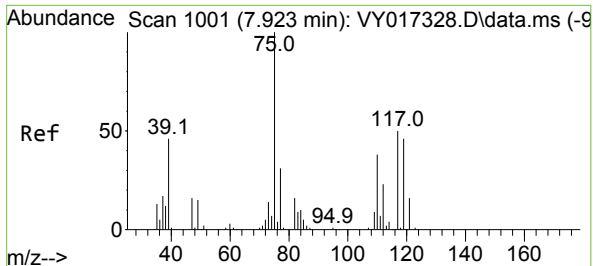
Ion Ratio Lower Upper

113 100

111 93.2 83.8 125.6

192 16.9 14.5 21.7





#36

1,1-Dichloropropene

Concen: 5.118 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY017343.D

Acq: 09 Feb 2024 16:44

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-358

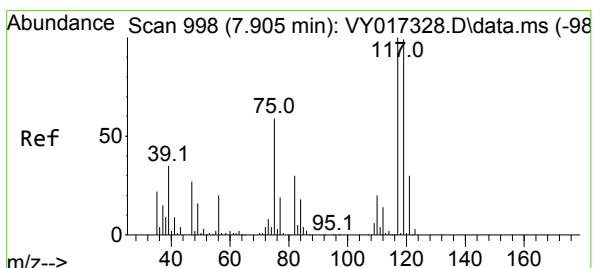
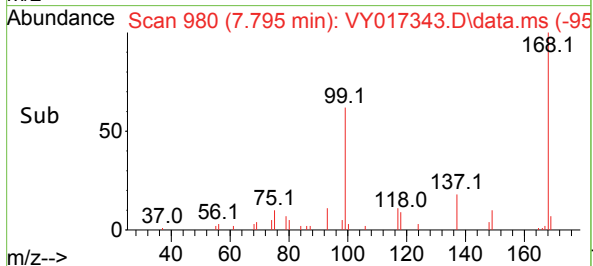
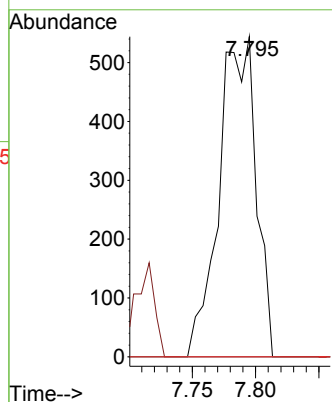
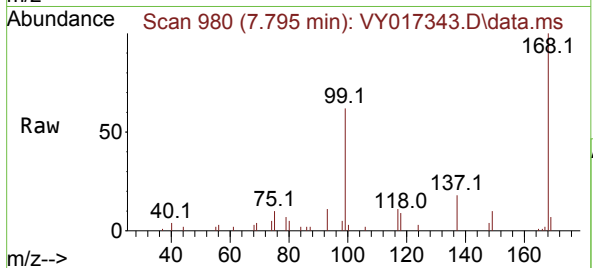
Tgt Ion: 75 Resp: 1103

Ion Ratio Lower Upper

75 100

110 0.0 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.550 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY017343.D

Acq: 09 Feb 2024 16:44

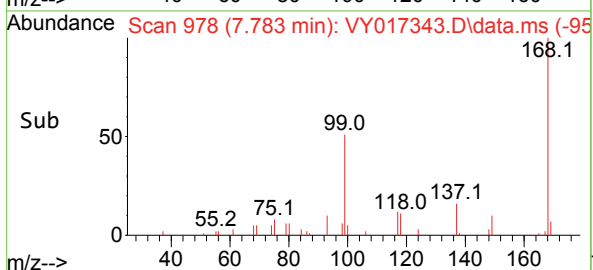
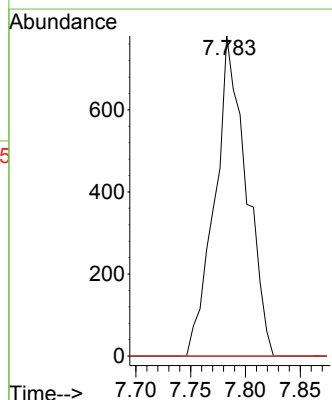
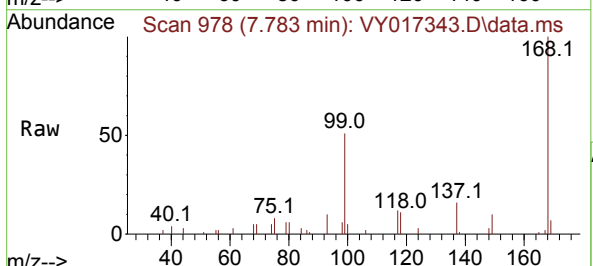
Tgt Ion: 117 Resp: 1558

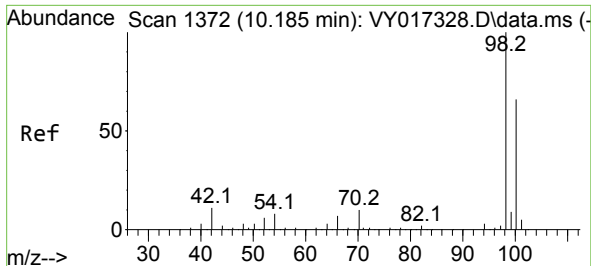
Ion Ratio Lower Upper

117 100

119 0.0 76.0 114.0#

121 0.0 24.2 36.2#

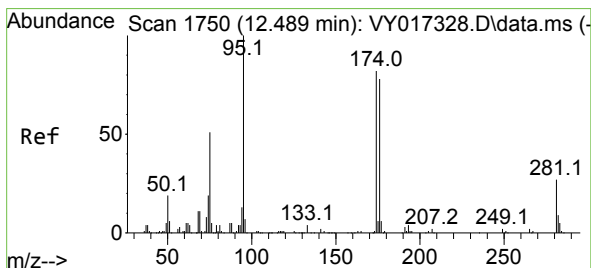
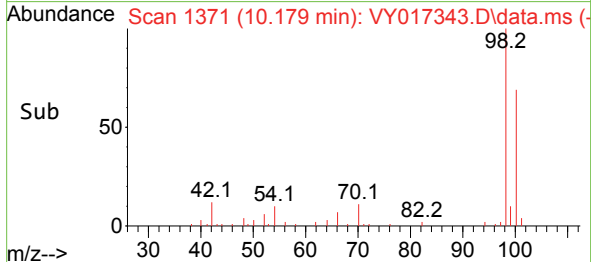
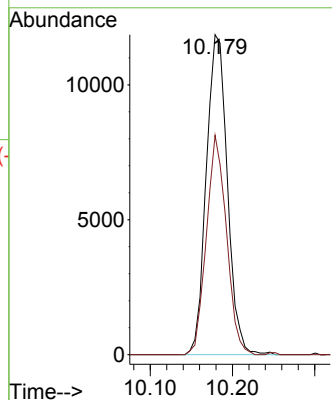
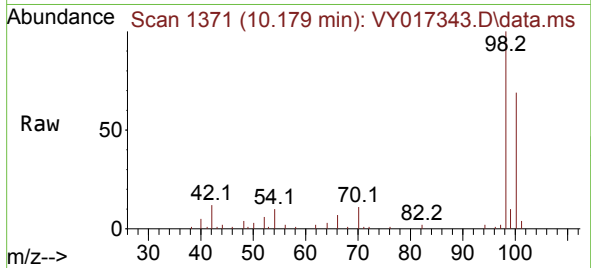




#50
Toluene-d8
Concen: 46.439 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

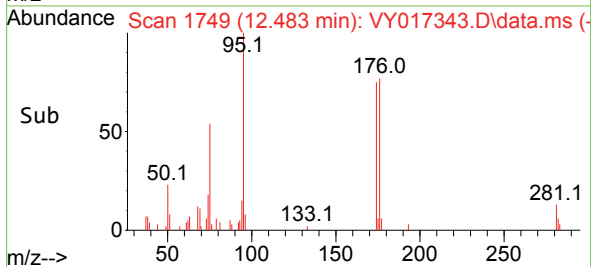
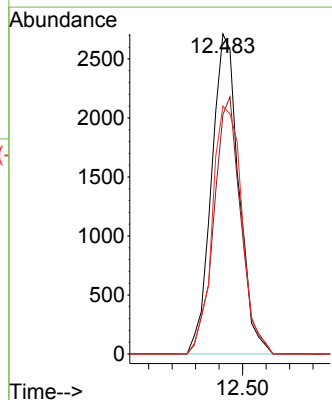
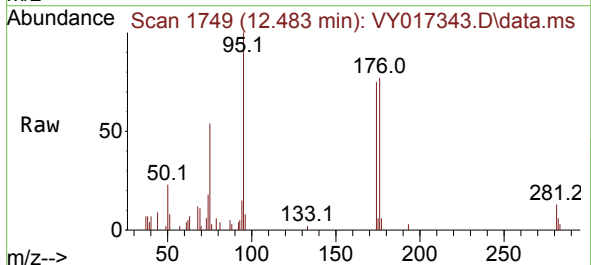
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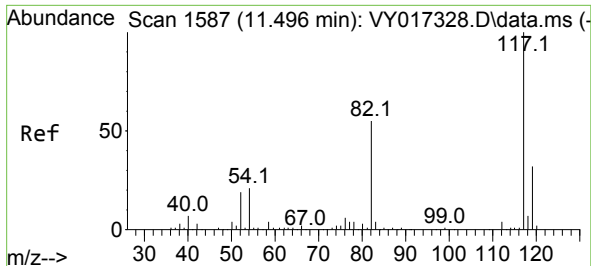
Tgt Ion: 98 Resp: 21126
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 29.338 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

Tgt Ion: 95 Resp: 4372
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 84.0 0.0 151.8

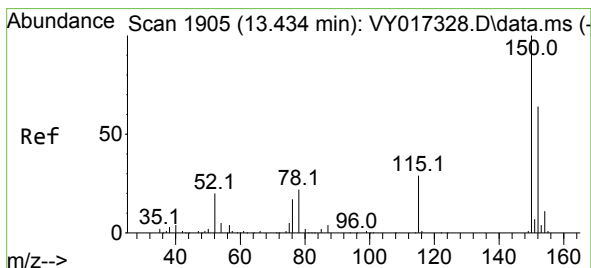
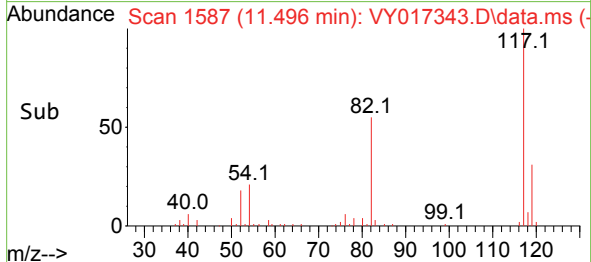
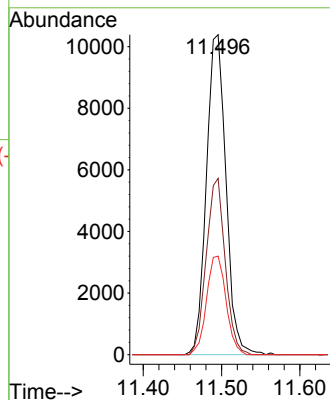
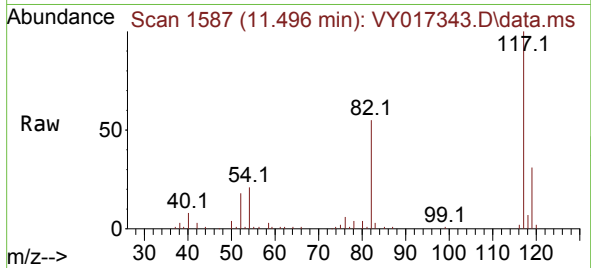




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

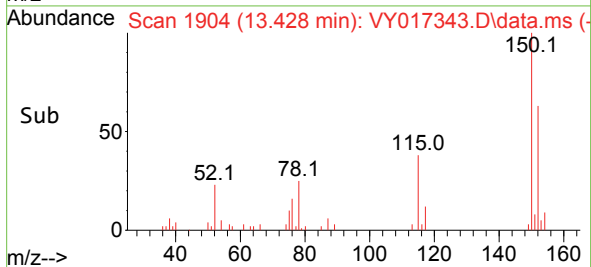
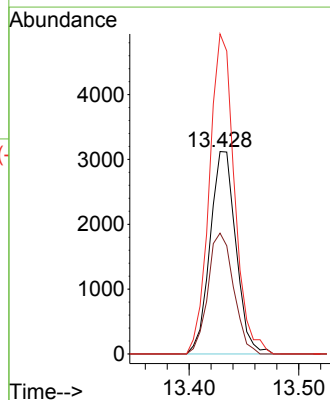
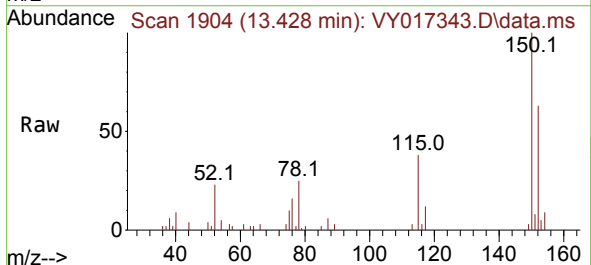
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-358

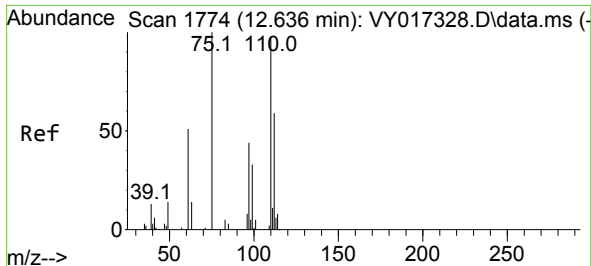
Tgt Ion:117 Resp: 17992
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 30.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

Tgt Ion:152 Resp: 5118
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 153.0 0.0 344.6

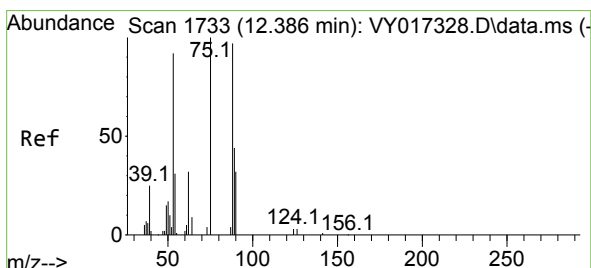
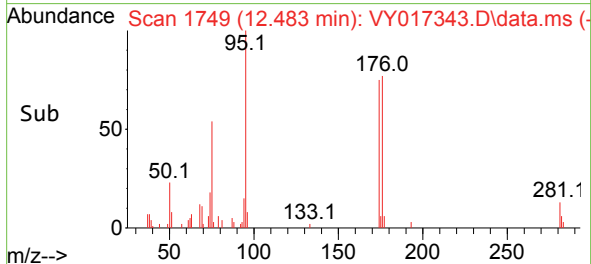
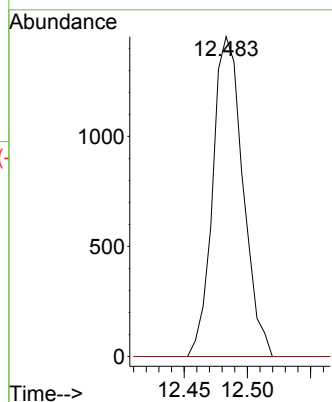
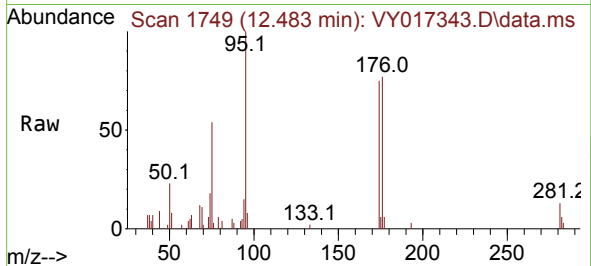




#76
1,2,3-Trichloropropane
Concen: 51.081 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.158 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-358

Tgt Ion: 75 Resp: 2413
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 106.140 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017343.D
Acq: 09 Feb 2024 16:44

Tgt Ion: 75 Resp: 2413
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

