

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017914.D
 Acq On : 11 Apr 2024 16:25
 Operator : SY/MD
 Sample : P2067-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-346RE

Quant Time: Apr 12 05:02:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

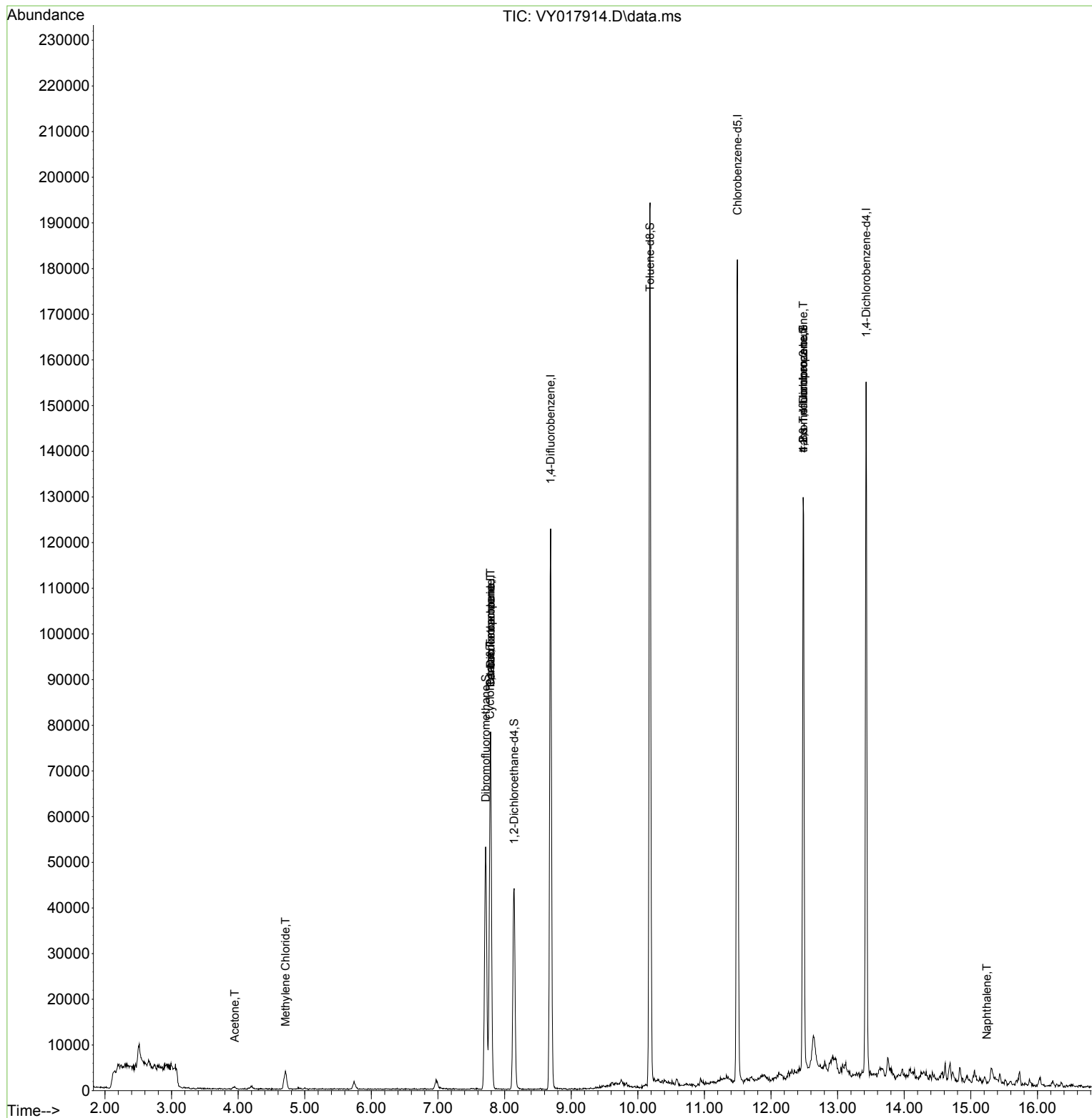
Internal Standards						
1) Pentafluorobenzene	7.789	168	61356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	106914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	100426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	34954	65.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.660%	
35) Dibromofluoromethane	7.716	113	37336	60.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.860%	
50) Toluene-d8	10.185	98	129433	56.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.180%	
62) 4-Bromofluorobenzene	12.483	95	36463	51.932	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.860%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	118	Below Cal	#	88
16) Acetone	3.948	43	763	6.952	ug/l	94
20) Methylene Chloride	4.710	84	3098	2.061	ug/l	93
31) Cyclohexane	7.783	56	1296	1.386	ug/l #	36
36) 1,1-Dichloropropene	7.789	75	4505	4.998	ug/l #	47
38) Carbon Tetrachloride	7.789	117	5700	6.091	ug/l #	17
48) Methyl methacrylate	9.295	41	50	Below Cal	#	28
51) 4-Methyl-2-Pentanone	10.081	43	133	Below Cal	#	31
56) Ethyl methacrylate	10.520	69	78	Below Cal	#	1
58) 2-Chloroethyl Vinyl ether	9.593	63	22	Below Cal	#	45
59) 2-Hexanone	10.831	43	76	Below Cal	#	19
69) o-Xylene	11.831	106	57	Below Cal		39
70) Styrene	12.044	104	167	Below Cal	#	37
74) N-amyl acetate	12.148	43	135	Below Cal	#	28
76) 1,2,3-Trichloropropane	12.483	75	20655	58.954	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20655	112.985	ug/l #	16
95) Naphthalene	15.239	128	569	1.445	ug/l #	69

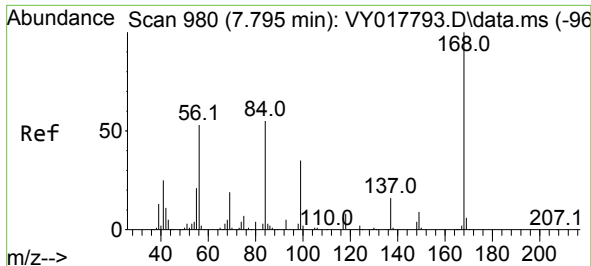
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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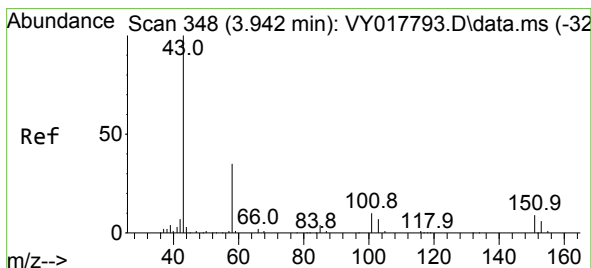
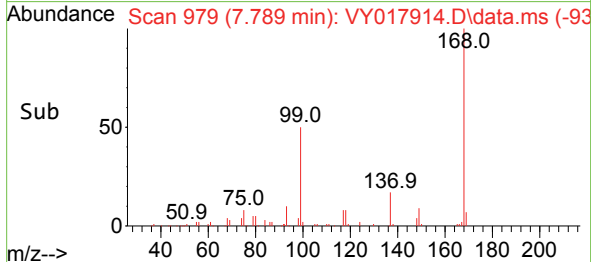
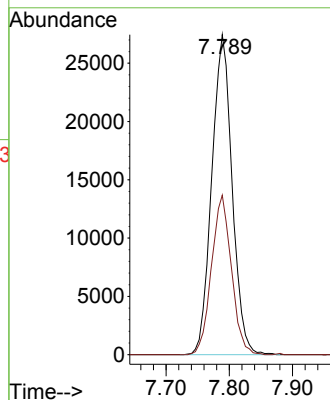
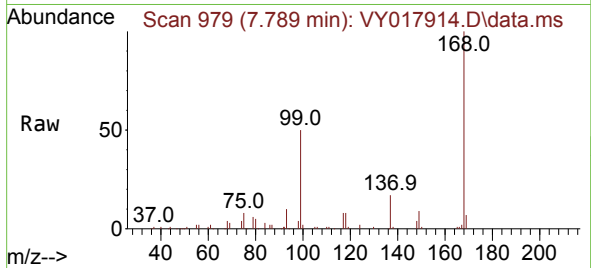




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

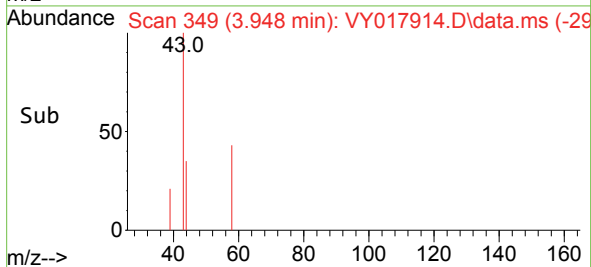
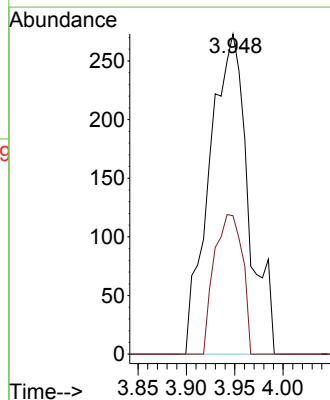
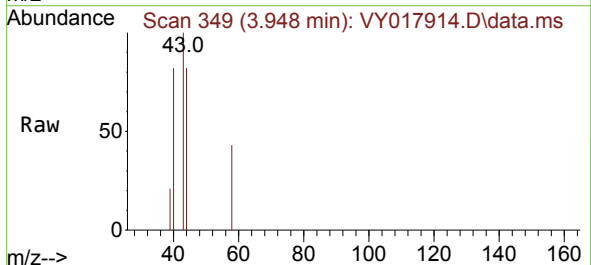
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346RE

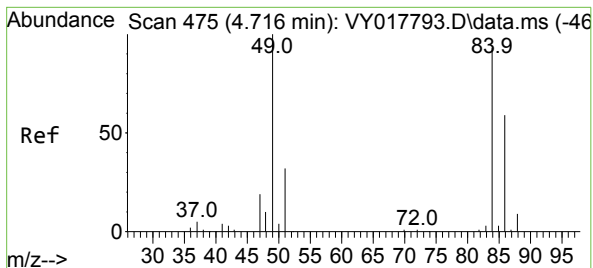
Tgt Ion:168 Resp: 61356
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#16
Acetone
Concen: 6.952 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
58 43.2 31.7 47.5





#20

Methylene Chloride

Concen: 2.061 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017914.D

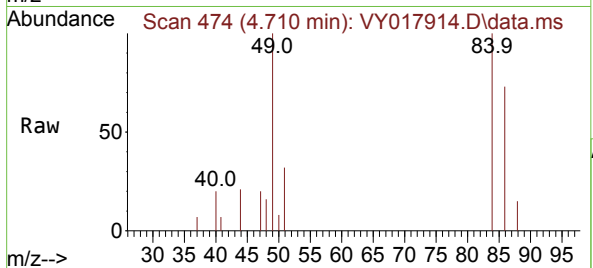
Acq: 11 Apr 2024 16:25

Instrument :

MSVOA_Y

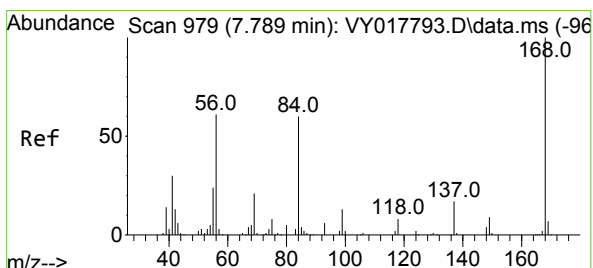
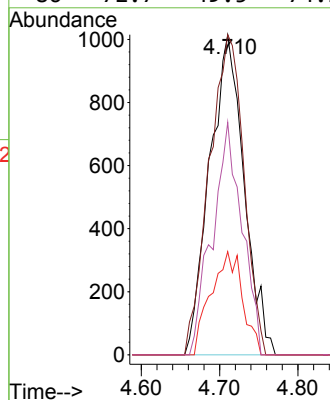
ClientSampleId :

ETGI-346RE



Tgt Ion: 84 Resp: 3098

Ion	Ratio	Lower	Upper
84	100		
49	100.1	84.4	126.6
51	32.2	26.0	39.0
86	72.7	49.5	74.3



#31

Cyclohexane

Concen: 1.386 ug/l

RT: 7.783 min Scan# 978

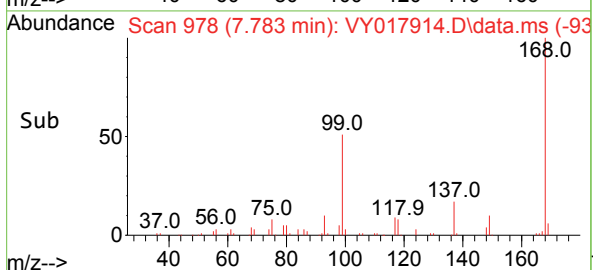
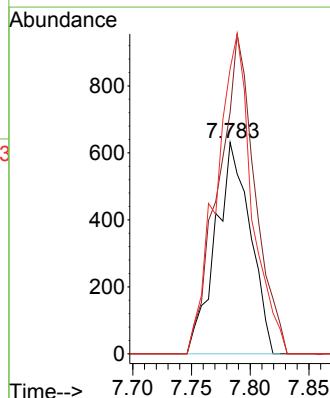
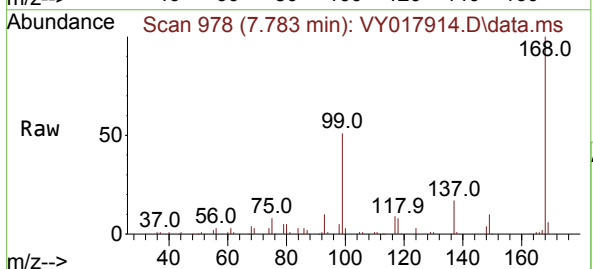
Delta R.T. -0.006 min

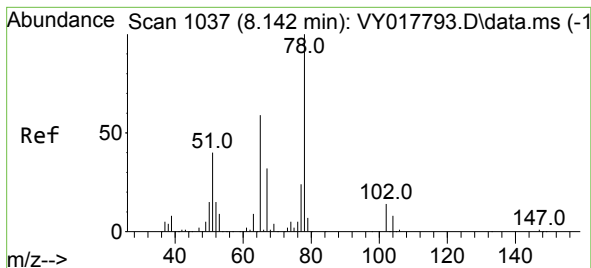
Lab File: VY017914.D

Acq: 11 Apr 2024 16:25

Tgt Ion: 56 Resp: 1296

Ion	Ratio	Lower	Upper
56	100		
69	114.3	28.7	43.1#
84	134.9	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 65.835 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017914.D

Acq: 11 Apr 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

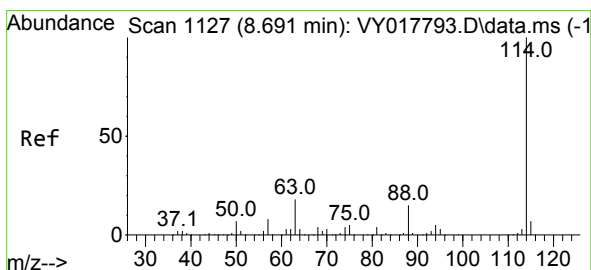
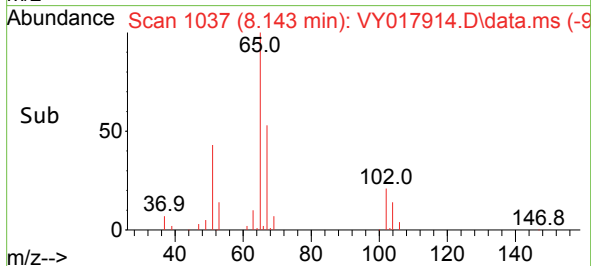
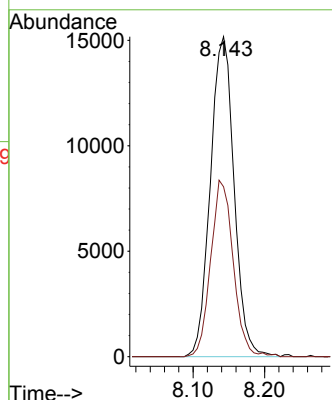
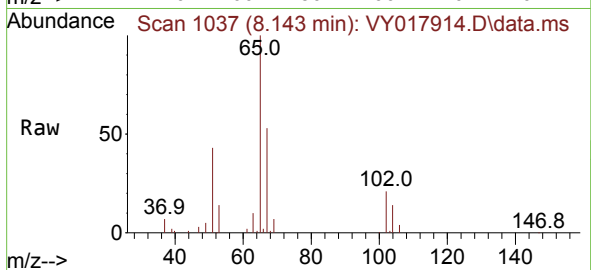
ETGI-346RE

Tgt Ion: 65 Resp: 34954

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017914.D

Acq: 11 Apr 2024 16:25

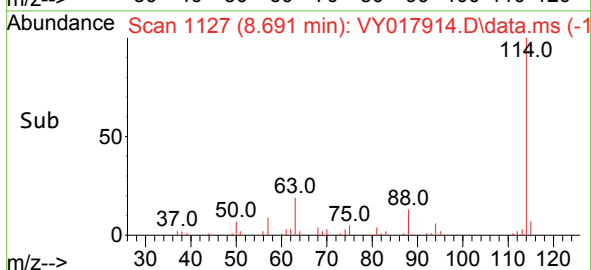
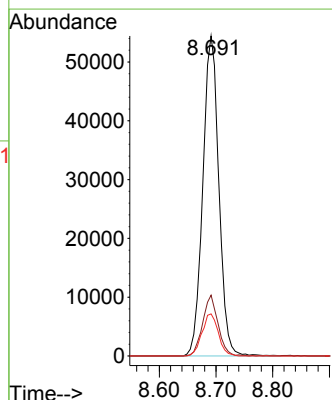
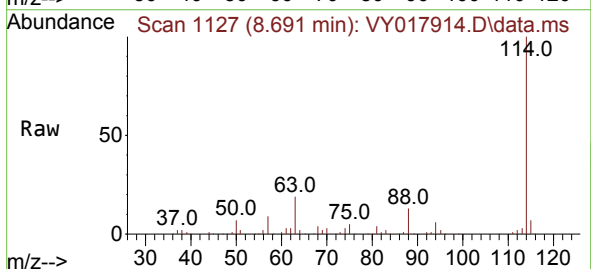
Tgt Ion:114 Resp: 106914

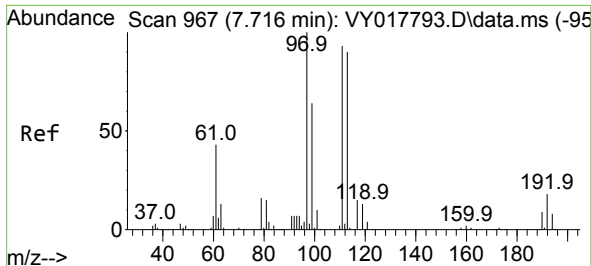
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 13.2 0.0 27.2

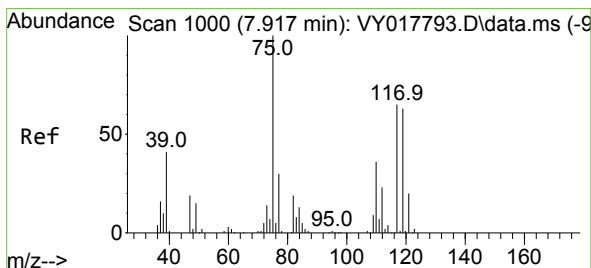
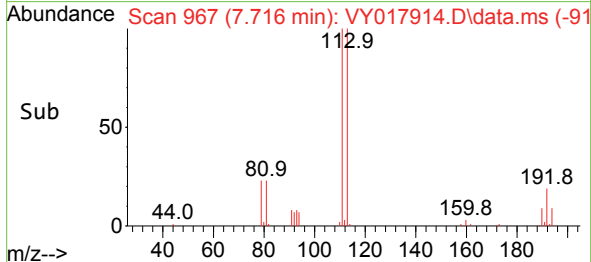
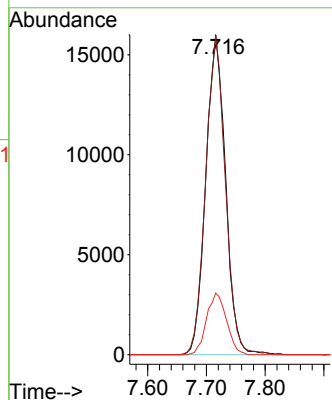
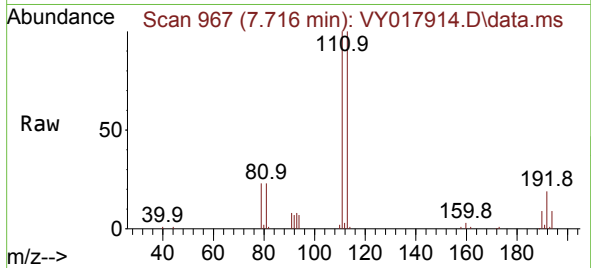




#35
Dibromofluoromethane
Concen: 60.434 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

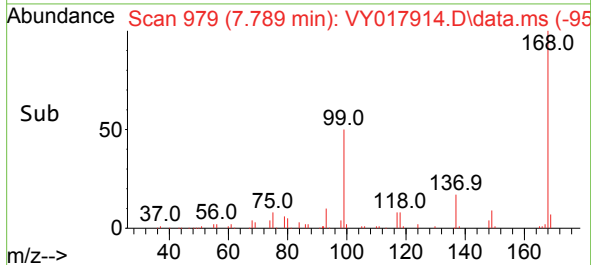
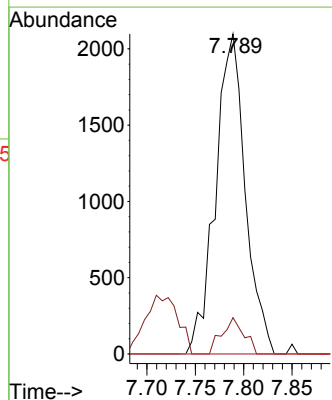
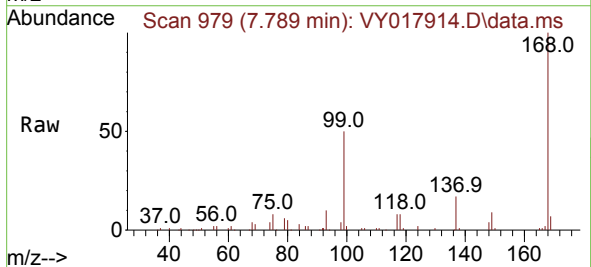
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346RE

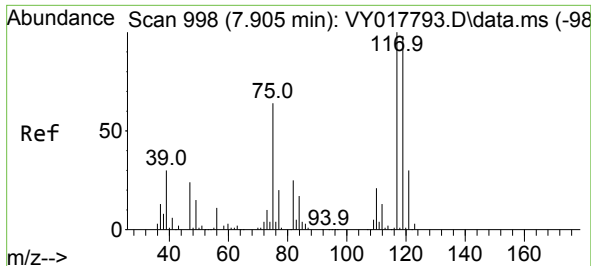
Tgt Ion:113 Resp: 37336
Ion Ratio Lower Upper
113 100
111 99.7 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

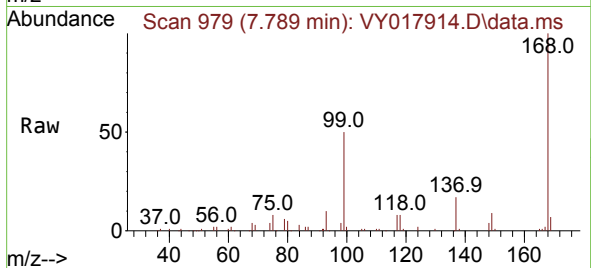
Tgt Ion: 75 Resp: 4505
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



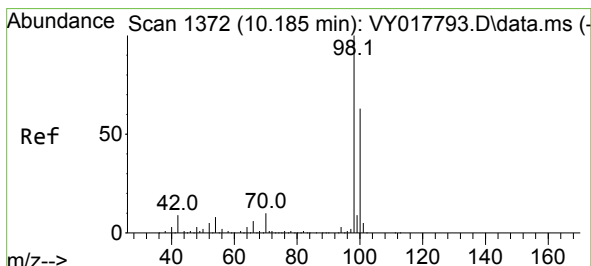
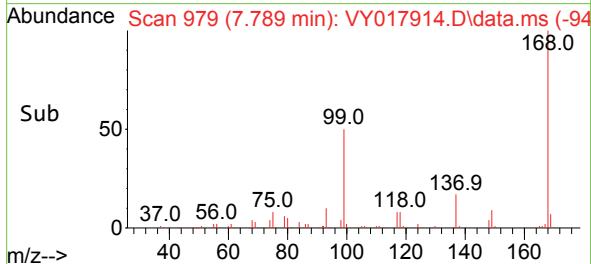
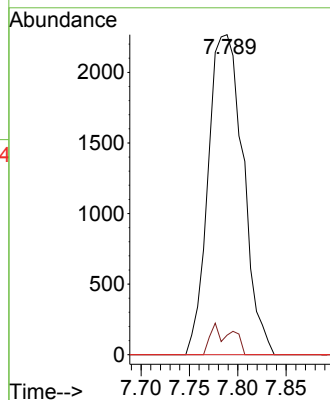


#38
Carbon Tetrachloride
Concen: 6.091 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346RE

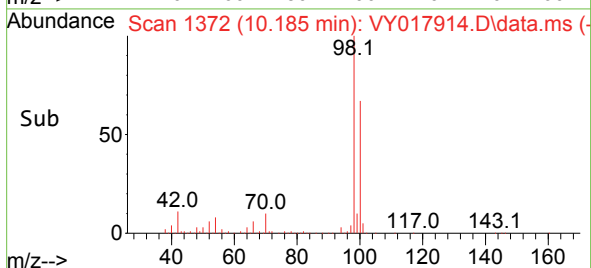
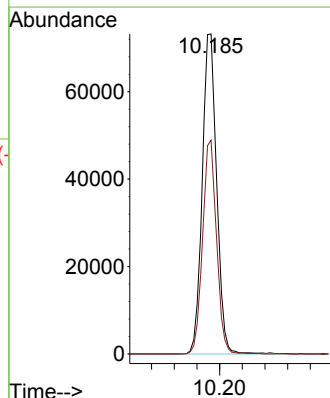
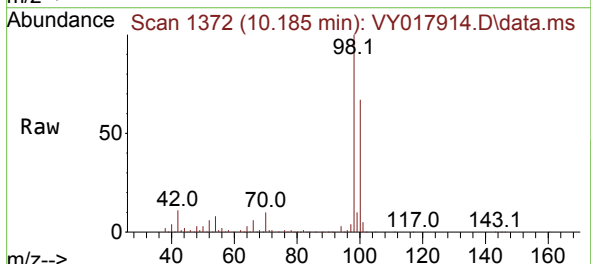


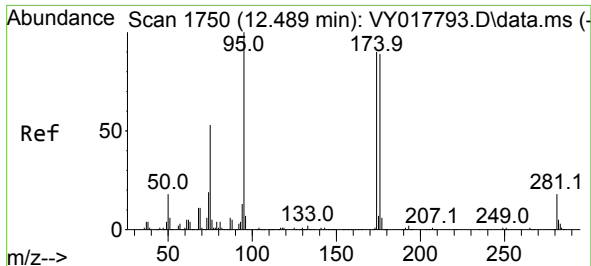
Tgt Ion:117 Resp: 5700
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.086 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

Tgt Ion: 98 Resp: 129433
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

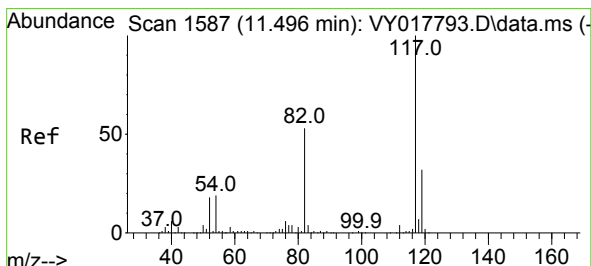
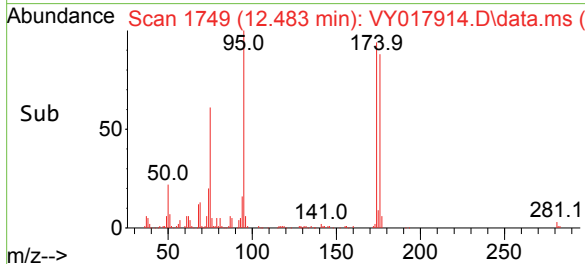
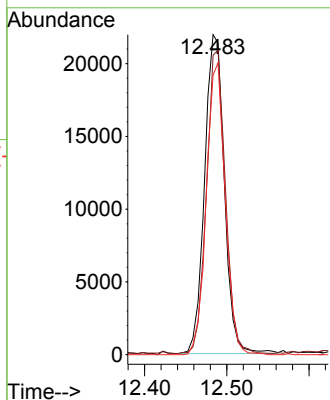
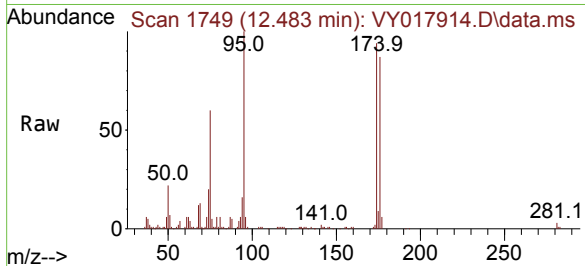




#62
4-Bromofluorobenzene
Concen: 51.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

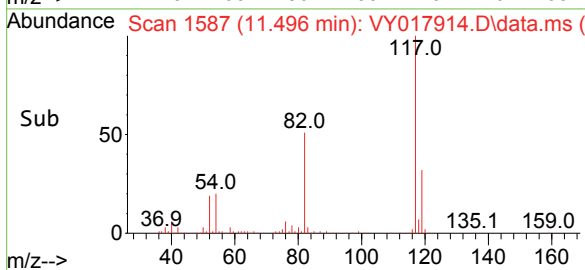
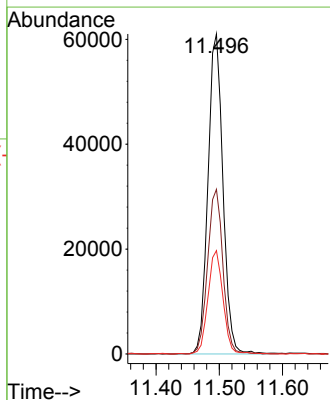
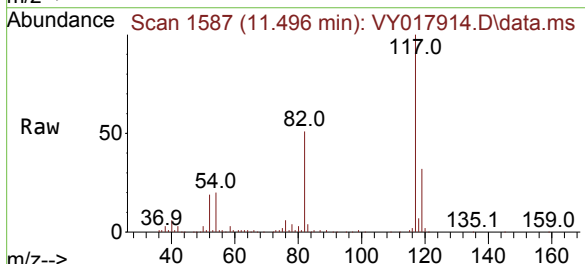
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ClientSampleId :
ETGI-346RE

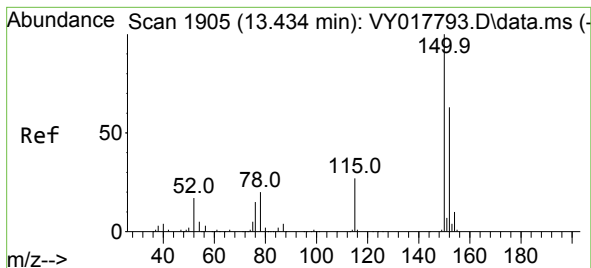
Tgt Ion: 95 Resp: 36463
Ion Ratio Lower Upper
95 100
174 91.5 0.0 175.6
176 87.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

Tgt Ion: 117 Resp: 100426
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017914.D

Acq: 11 Apr 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-346RE

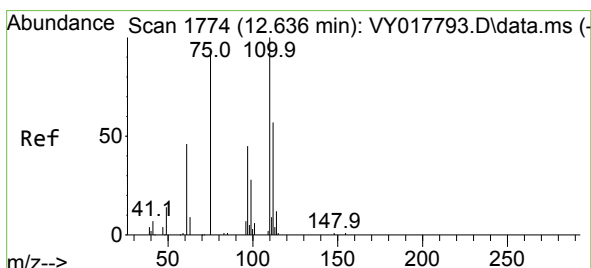
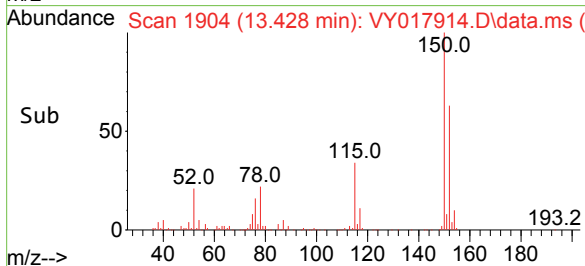
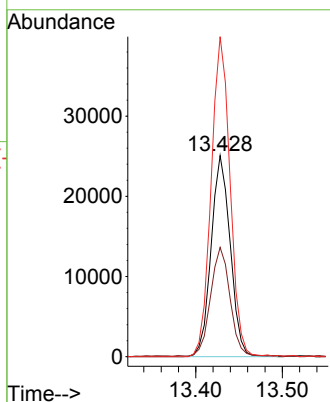
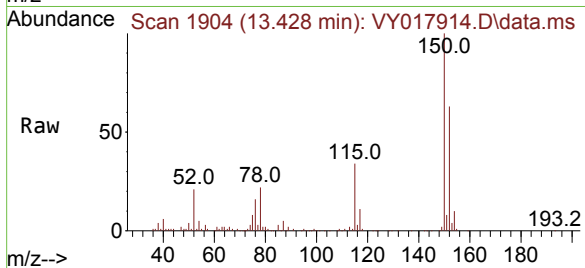
Tgt Ion:152 Resp: 38448

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 157.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 58.954 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017914.D

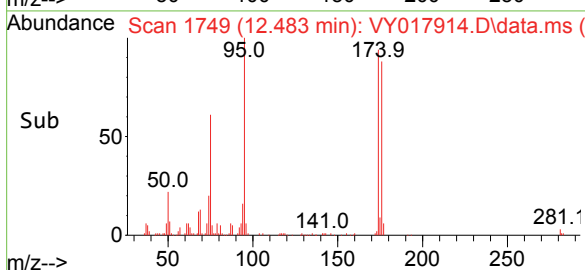
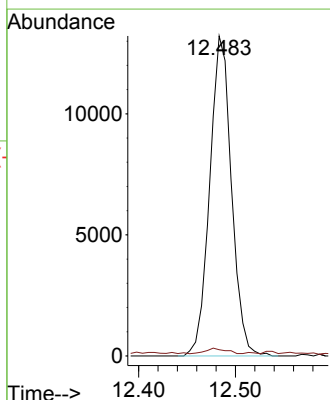
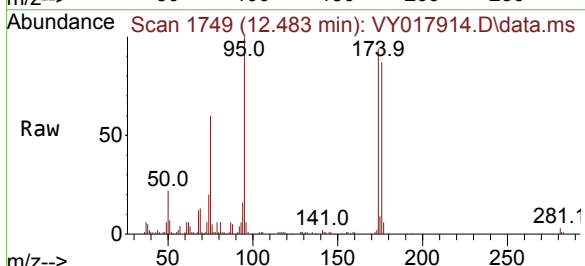
Acq: 11 Apr 2024 16:25

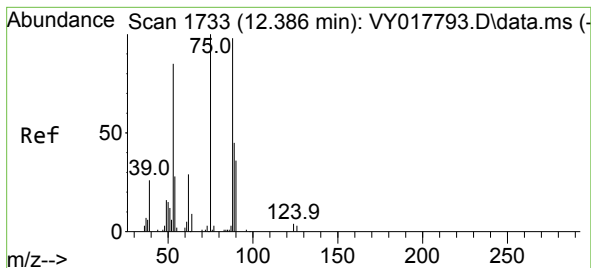
Tgt Ion: 75 Resp: 20655

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

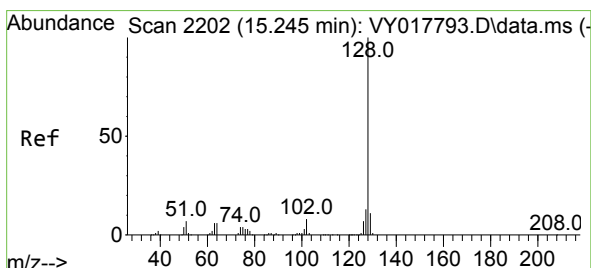
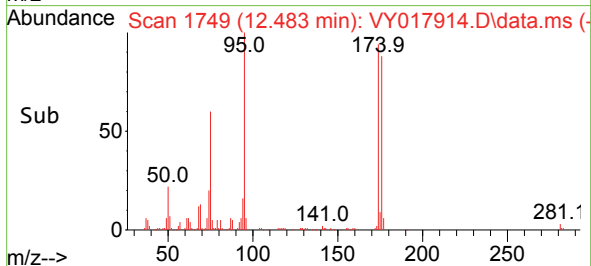
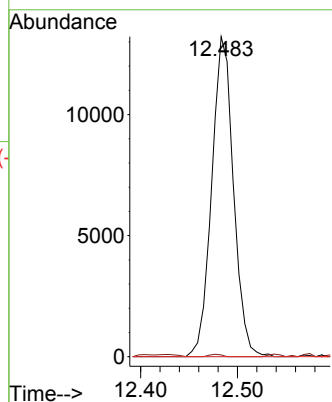
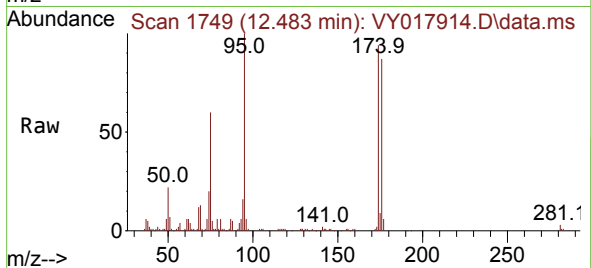




#81
trans-1,4-Dichloro-2-butene
Concen: 112.985 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346RE

Tgt Ion: 75 Resp: 20655
Ion Ratio Lower Upper
75 100
53 0.4 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.445 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY017914.D
Acq: 11 Apr 2024 16:25

Tgt Ion:128 Resp: 569
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

