

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017342.D
 Acq On : 09 Feb 2024 16:20
 Operator : SY/MD
 Sample : P1413-04RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-347

Quant Time: Feb 09 22:04:59 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	95521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165177	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	64451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46437	54.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.840%
35) Dibromofluoromethane	7.716	113	48630	49.049	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.179	98	172424	47.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.483	95	47971	40.567	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.140%

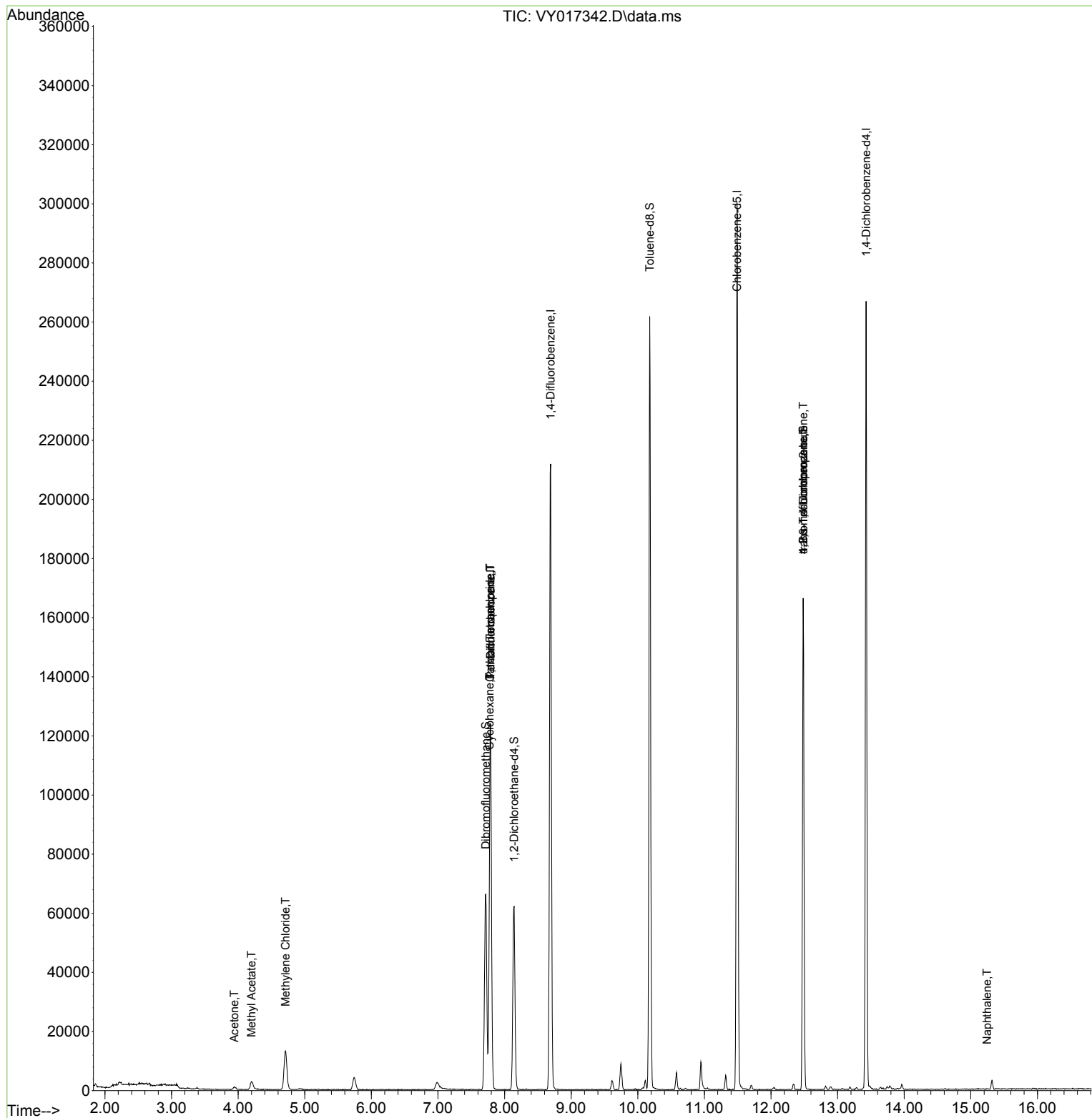
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.911	59	151	Below Cal	#	75
16) Acetone	3.942	43	1555	6.200	ug/l	89
18) Methyl Acetate	4.198	43	1097	1.961	ug/l #	51
20) Methylene Chloride	4.710	84	10121	6.828	ug/l	91
31) Cyclohexane	7.777	56	2094	1.217	ug/l #	16
36) 1,1-Dichloropropene	7.789	75	8274	4.838	ug/l #	49
38) Carbon Tetrachloride	7.783	117	9462	5.779	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	25388	42.678	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25388	88.679	ug/l #	12
95) Naphthalene	15.245	128	126	3.491	ug/l #	69

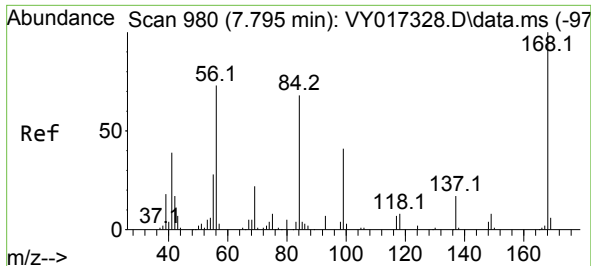
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

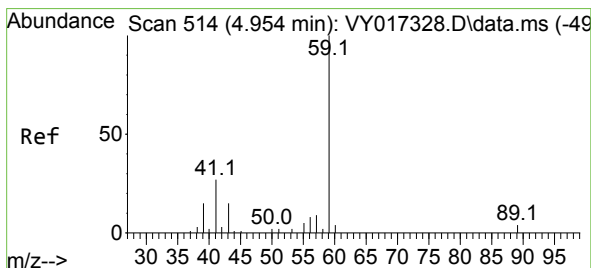
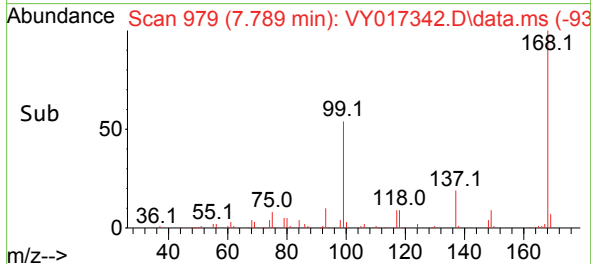
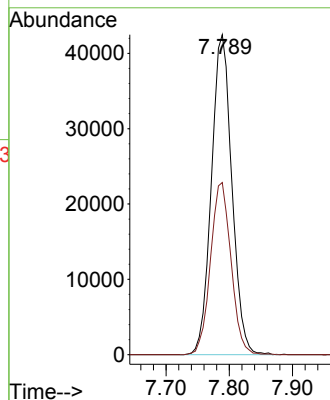
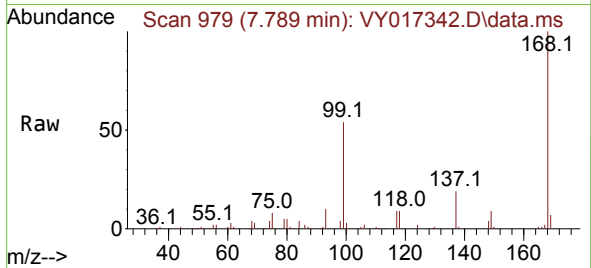




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

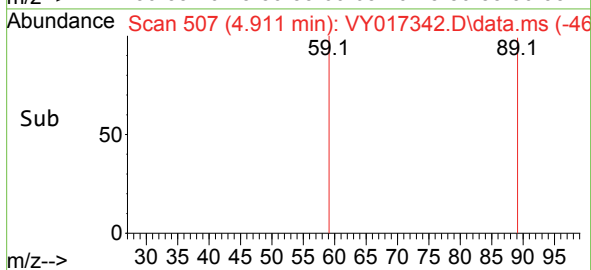
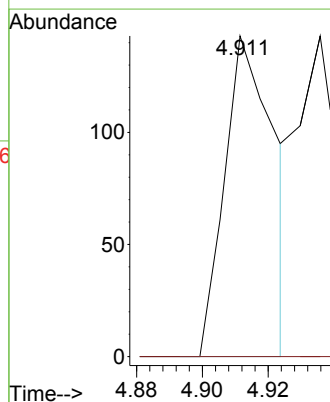
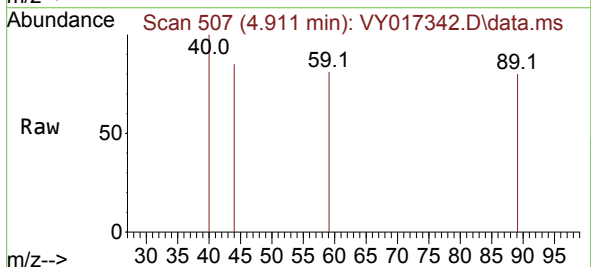
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-347

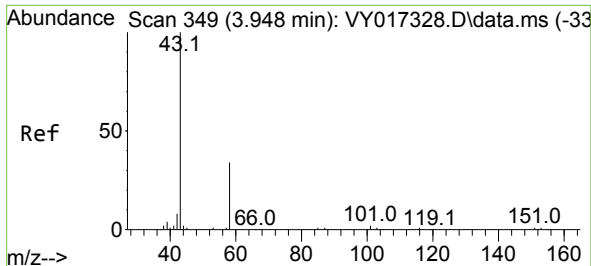
Tgt Ion:168 Resp: 95521
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.049 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

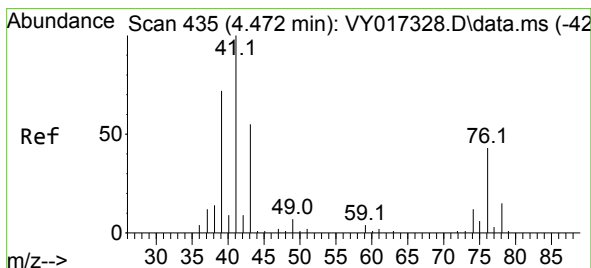
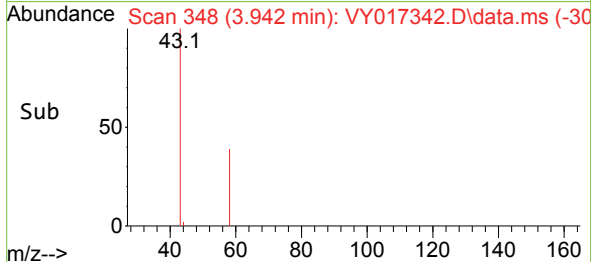
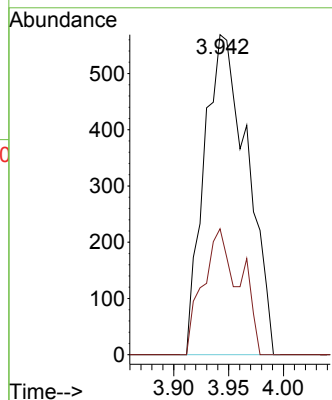
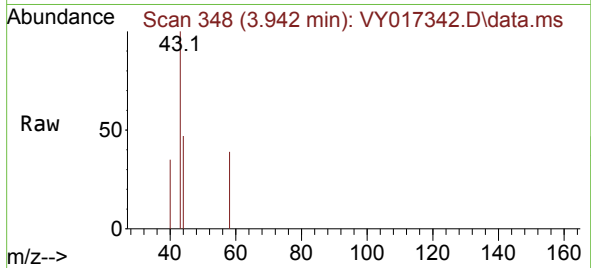




#16
Acetone
Concen: 6.200 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

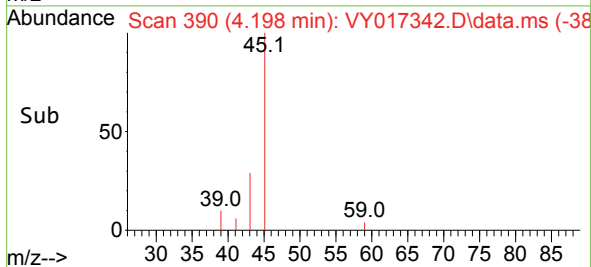
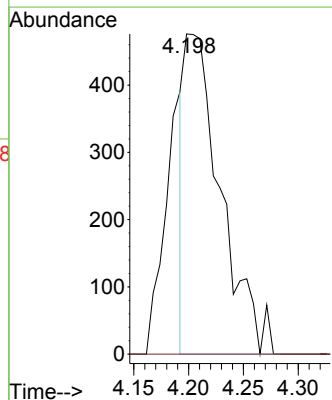
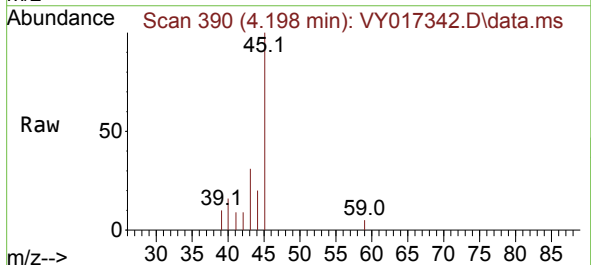
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-347

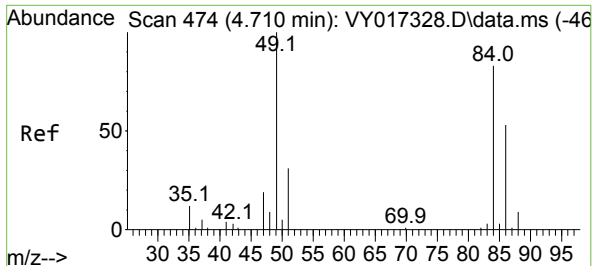
Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 39.4 26.6 39.8



#18
Methyl Acetate
Concen: 1.961 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.286 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

Tgt Ion: 43 Resp: 1097
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#

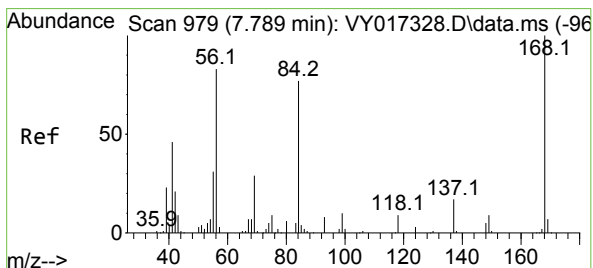
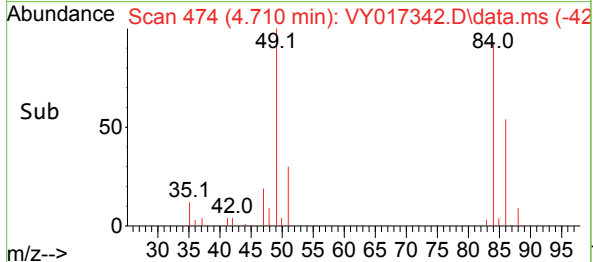
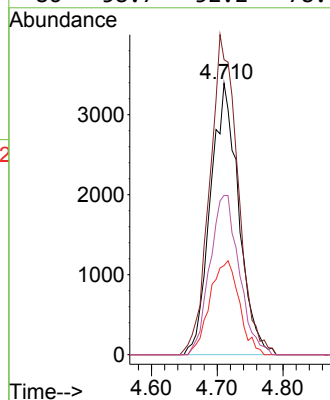
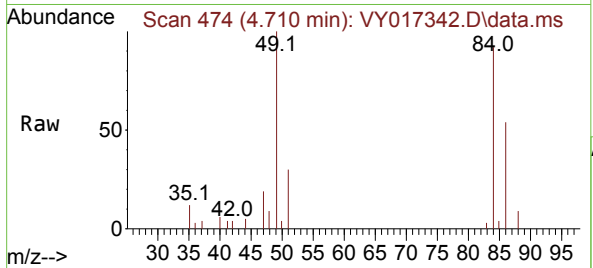




#20
Methylene Chloride
Concen: 6.828 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

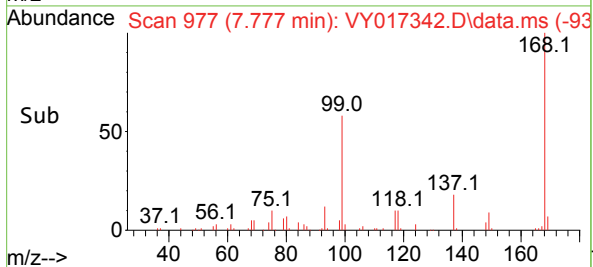
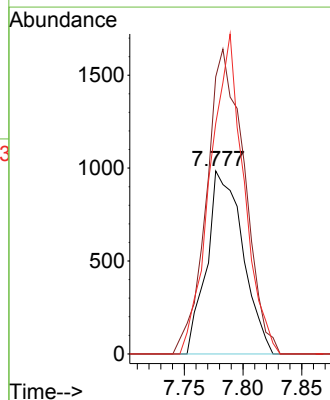
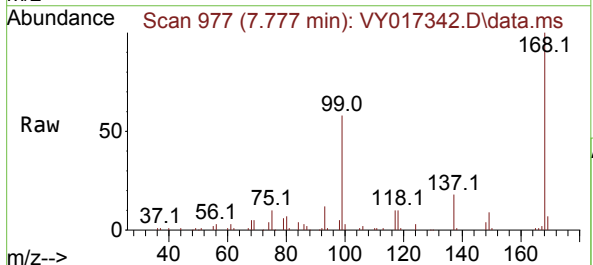
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-347

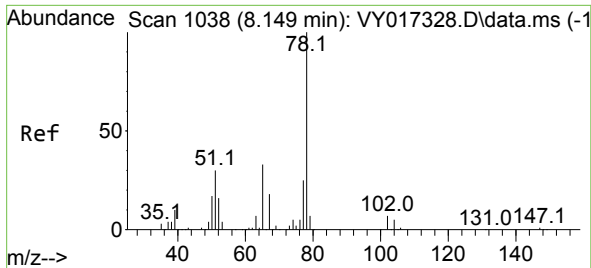
Tgt Ion:	84	Resp:	10121
Ion	Ratio	Lower	Upper
84	100		
49	108.7	95.2	142.8
51	32.9	29.9	44.9
86	58.7	52.2	78.4



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.018 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

Tgt Ion:	56	Resp:	2094
Ion	Ratio	Lower	Upper
56	100		
69	151.4	27.0	40.6#
84	126.0	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 54.419 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017342.D

Acq: 09 Feb 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

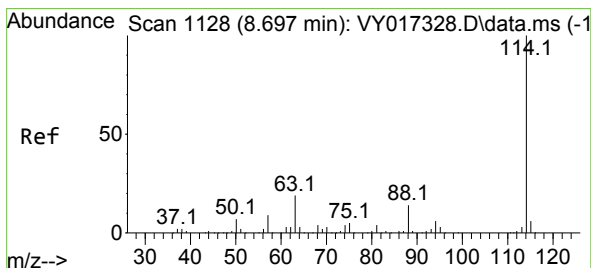
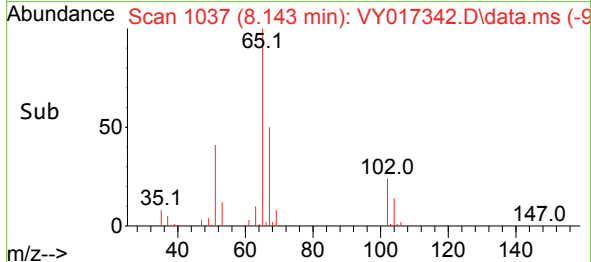
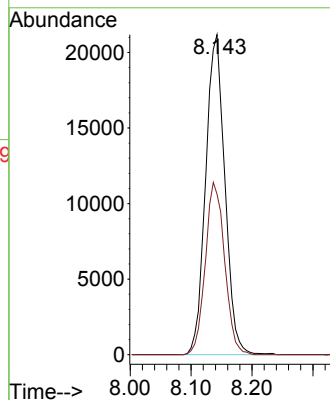
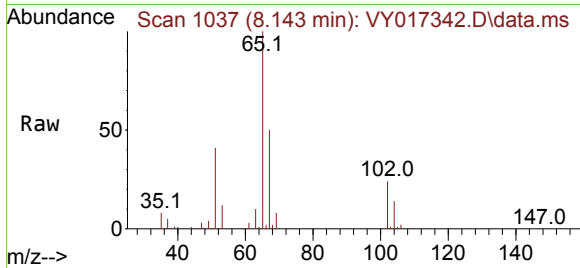
ETGI-347

Tgt Ion: 65 Resp: 46437

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017342.D

Acq: 09 Feb 2024 16:20

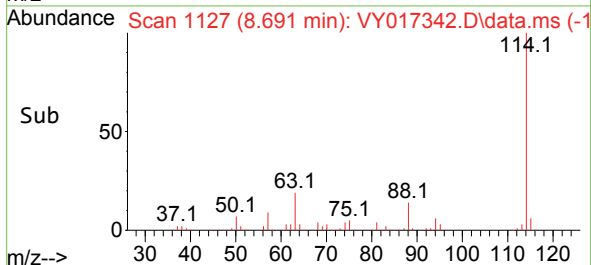
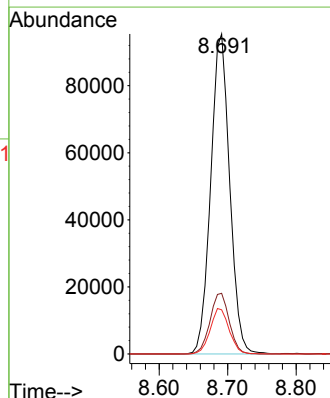
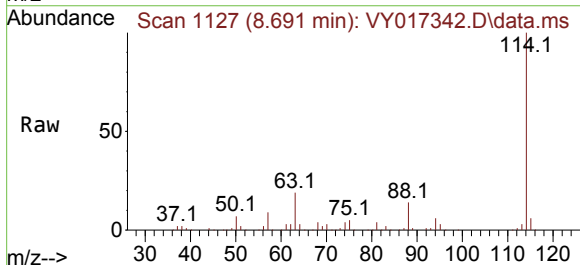
Tgt Ion: 114 Resp: 183624

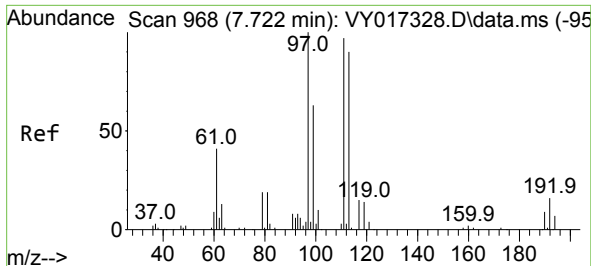
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

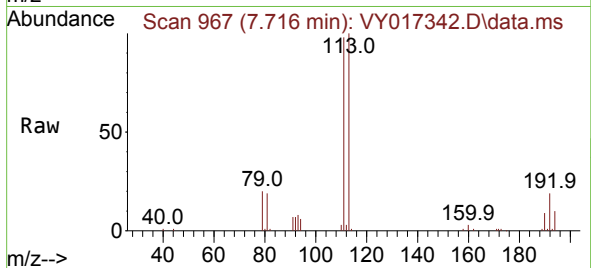
88 13.8 0.0 29.0



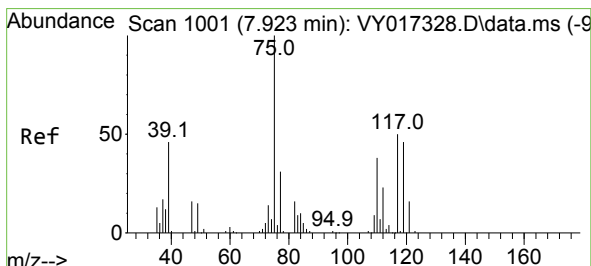
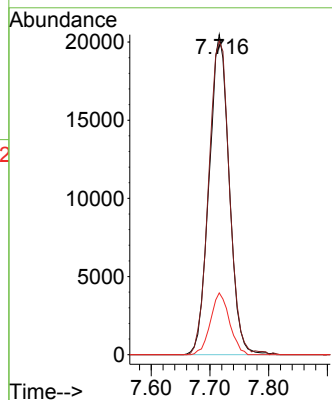
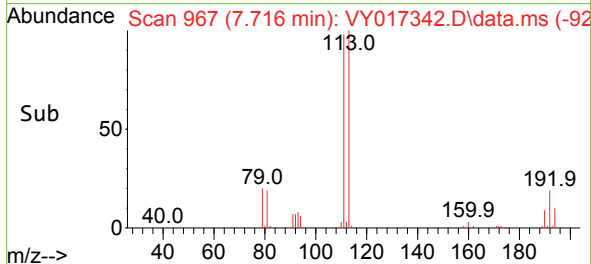


#35
Dibromofluoromethane
Concen: 49.049 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.012 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-347

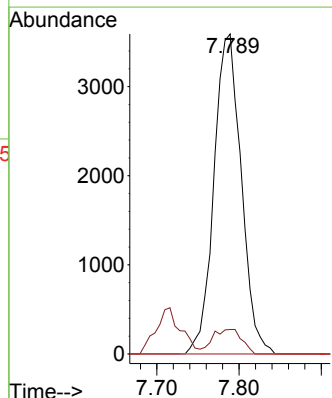
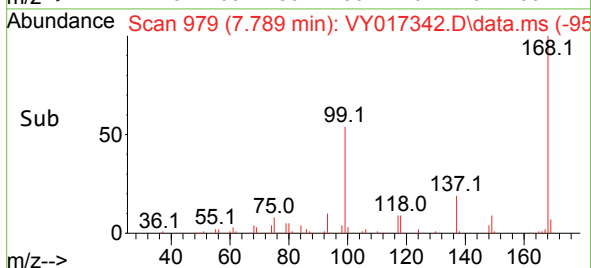
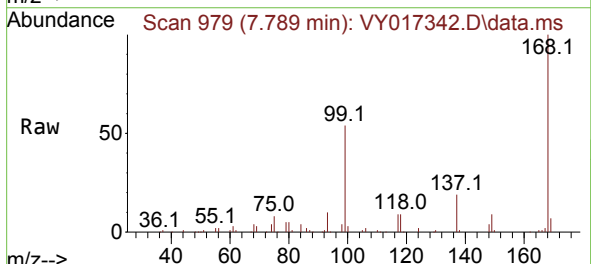


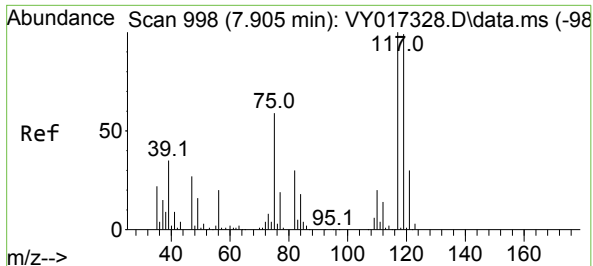
Tgt Ion:113 Resp: 48630
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.838 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

Tgt Ion: 75 Resp: 8274
Ion Ratio Lower Upper
75 100
110 8.2 17.4 52.3#
77 0.0 24.7 37.1#

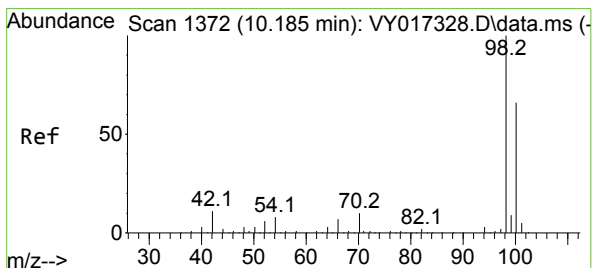
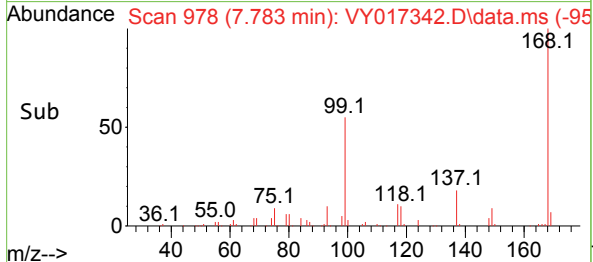
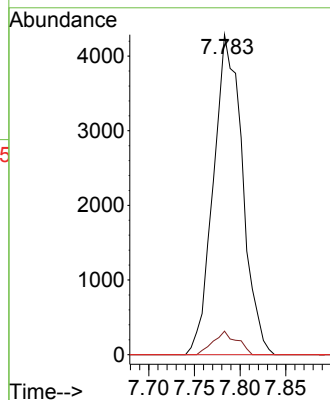
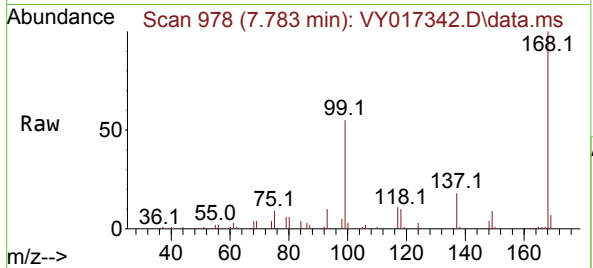




#38
Carbon Tetrachloride
Concen: 5.779 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

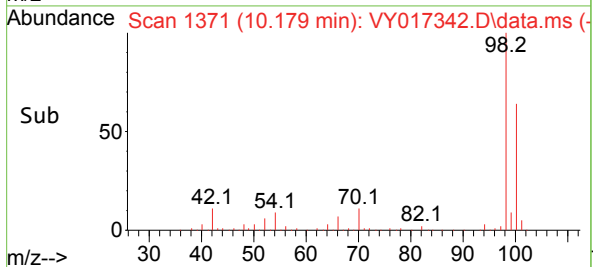
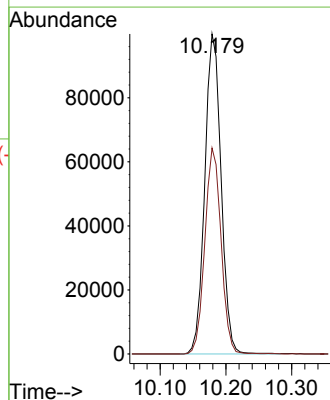
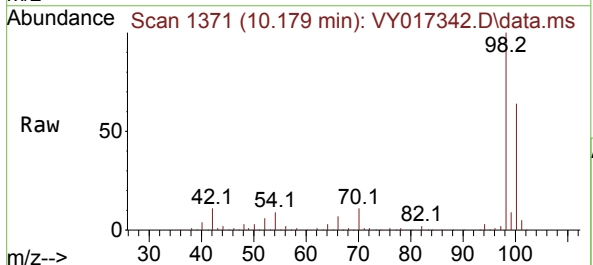
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-347

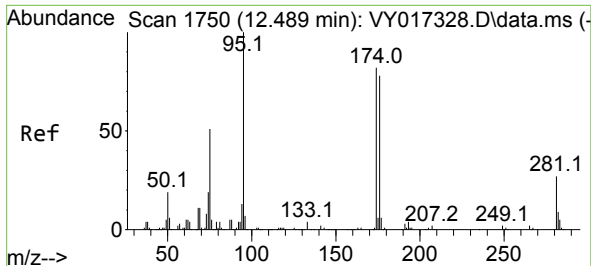
Tgt Ion:117 Resp: 9462
Ion Ratio Lower Upper
117 100
119 7.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.766 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

Tgt Ion: 98 Resp: 172424
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5

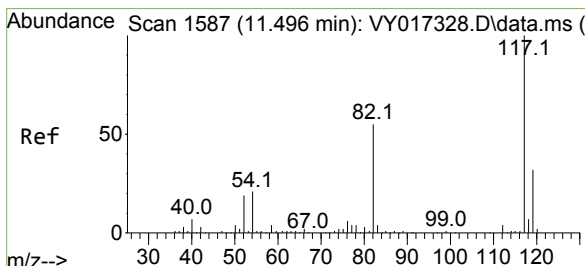
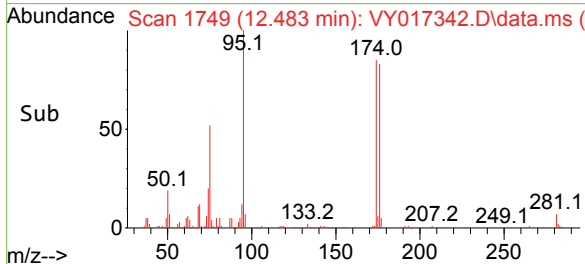
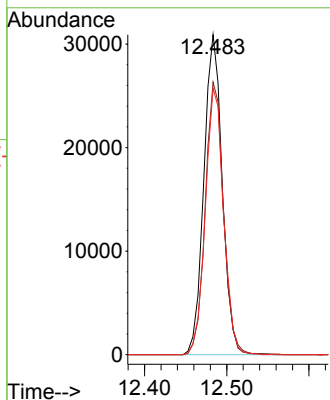
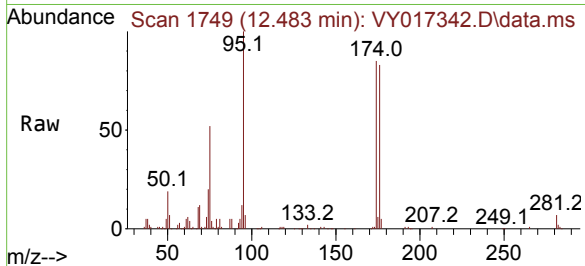




#62
4-Bromofluorobenzene
Concen: 40.567 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

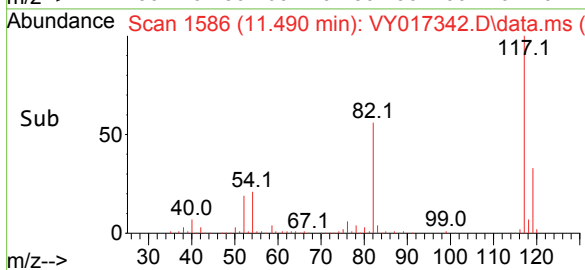
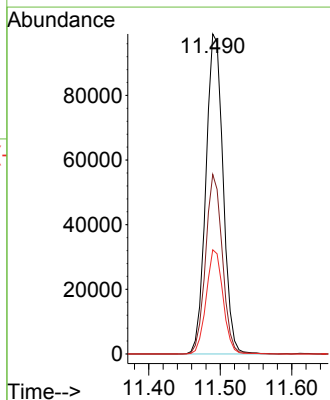
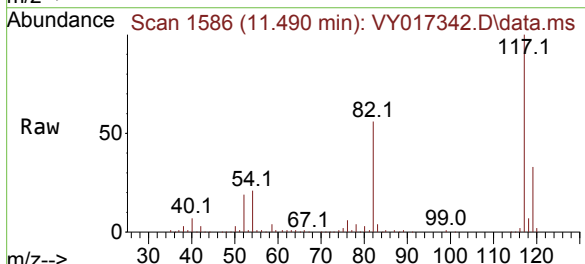
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-347

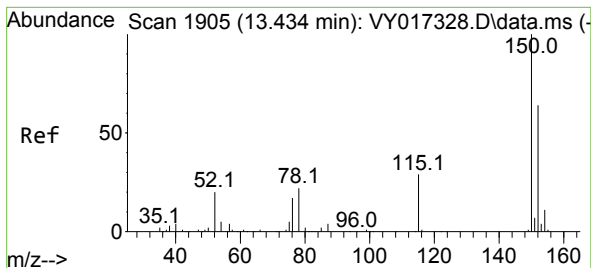
Tgt Ion:	95	Resp:	47971
Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	160.0
176	82.7	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

Tgt Ion:	117	Resp:	165177
Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.8	65.8
119	32.5	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY017342.D

Acq: 09 Feb 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-347

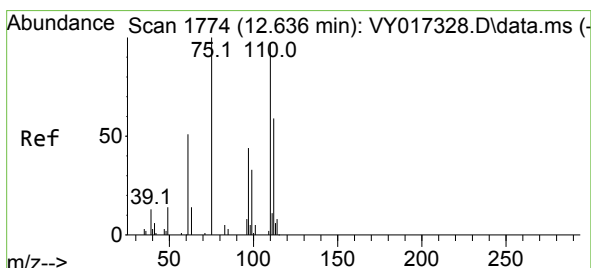
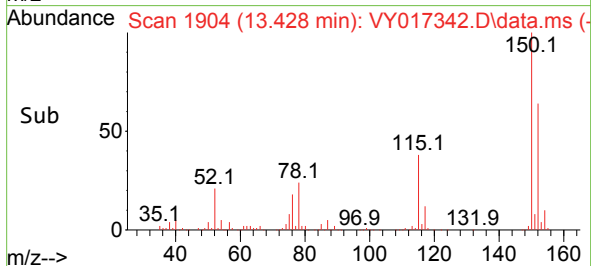
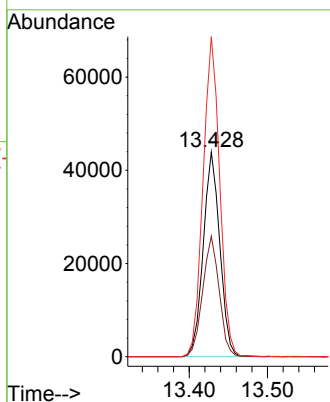
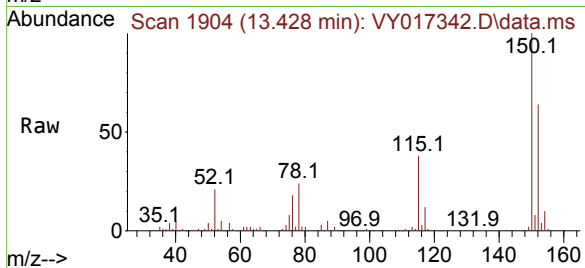
Tgt Ion:152 Resp: 64451

Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 157.4 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 42.678 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY017342.D

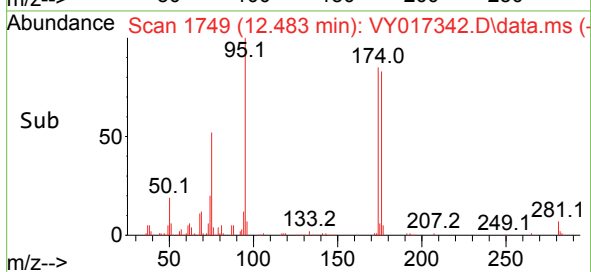
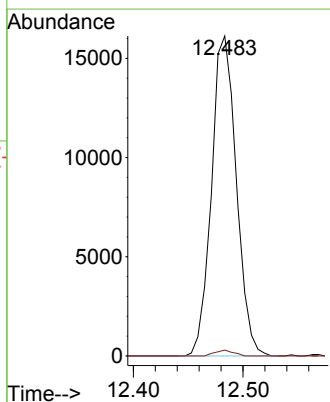
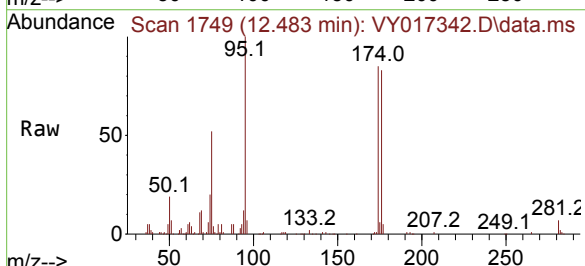
Acq: 09 Feb 2024 16:20

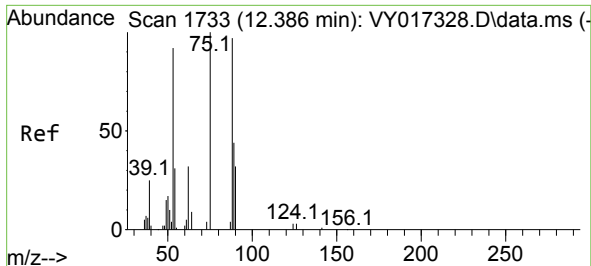
Tgt Ion: 75 Resp: 25388

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

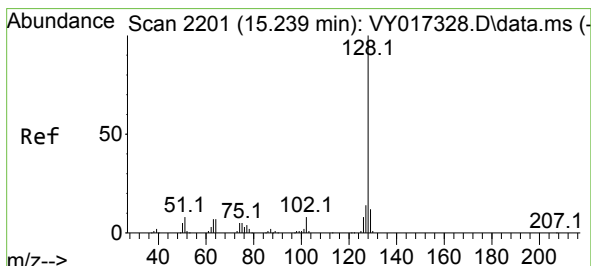
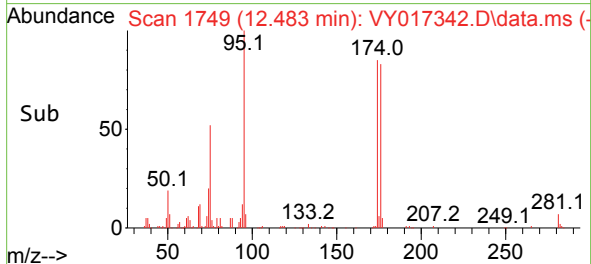
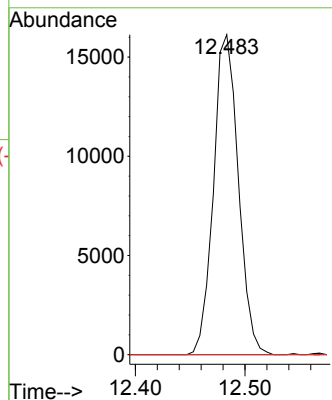
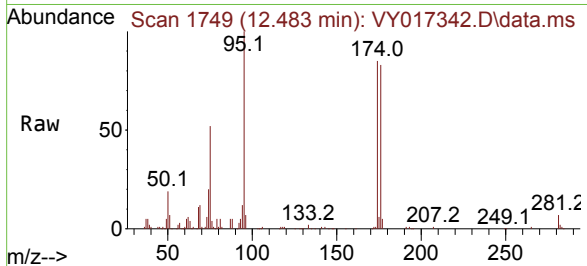




#81
trans-1,4-Dichloro-2-butene
Concen: 88.679 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-347

Tgt Ion: 75 Resp: 25388
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.491 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017342.D
Acq: 09 Feb 2024 16:20

Tgt Ion:128 Resp: 126
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

