

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022564.D
 Acq On : 05 Jun 2025 11:12
 Operator : SY/MD
 Sample : Q2199-02
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-343RE

Quant Time: Jun 06 01:21:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	5569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	10454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	6653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	912	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	3444	55.293	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.580%	
35) Dibromofluoromethane	7.628	113	1943	31.139	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 62.280%	
50) Toluene-d8	10.109	98	11138	44.176	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.360%	
62) 4-Bromofluorobenzene	12.408	95	1737	23.123	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 46.240%	

Target Compounds						Qvalue
3) Chloromethane	2.068	50	1266	8.595	ug/l #	82
4) Vinyl Chloride	2.190	62	281	1.644	ug/l #	61
5) Bromomethane	2.604	94	869	5.306	ug/l #	61
8) Diethyl Ether	3.421	74	75	2.296	ug/l #	30
10) Methyl Iodide	4.019	142	950	14.368	ug/l	95
11) Tert butyl alcohol	5.006	59	32	7.193	ug/l #	73
13) Acrolein	3.568	56	31	5.591	ug/l #	14
15) Acrylonitrile	5.262	53	58	4.192	ug/l #	17
16) Acetone	3.860	43	208	16.443	ug/l #	45
21) trans-1,2-Dichloroethene	5.025	96	86	1.316	ug/l #	1
25) 2-Butanone	6.933	43	24	1.315	ug/l #	46
27) cis-1,2-Dichloroethene	6.878	96	77	1.019	ug/l #	1
29) Tetrahydrofuran	7.262	42	21	1.784	ug/l #	31
31) Cyclohexane	7.701	56	158	1.320	ug/l #	7
37) Ethyl Acetate	6.976	43	47	1.041	ug/l #	69
38) Carbon Tetrachloride	7.707	117	799	7.691	ug/l #	13
49) 1,4-Dioxane	9.353	88	22	46.694	ug/l #	1
51) 4-Methyl-2-Pentanone	9.993	43	59	1.213	ug/l #	37
59) 2-Hexanone	10.755	43	86	2.644	ug/l #	24
66) 1,1,1,2-Tetrachloroethane	11.761	131	73	1.472	ug/l #	8
67) Ethyl Benzene	11.511	91	287	1.051	ug/l #	44
73) Isopropylbenzene	12.255	105	179	2.391	ug/l	78
74) N-amyl acetate	12.084	43	35	1.853	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.408	83	20	1.627	ug/l #	25
76) 1,2,3-Trichloropropane	12.548	75	46	4.409	ug/l #	100
77) Bromobenzene	12.694	156	20	1.266	ug/l #	1
78) n-propylbenzene	12.597	91	325	3.554	ug/l #	54
79) 2-Chlorotoluene	12.676	91	134	2.765	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.731	105	63	1.072	ug/l #	47
81) trans-1,4-Dichloro-2-b...	12.401	75	1063	246.039	ug/l #	10
82) 4-Chlorotoluene	12.779	91	155	3.100	ug/l #	41
83) tert-Butylbenzene	12.987	119	63	1.194	ug/l #	24
84) 1,2,4-Trimethylbenzene	13.042	105	252	4.286	ug/l	68
85) sec-Butylbenzene	13.182	105	211	2.611	ug/l #	57
86) p-Isopropyltoluene	13.285	119	217	3.258	ug/l #	61
87) 1,3-Dichlorobenzene	13.285	146	161	5.029	ug/l #	45

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Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

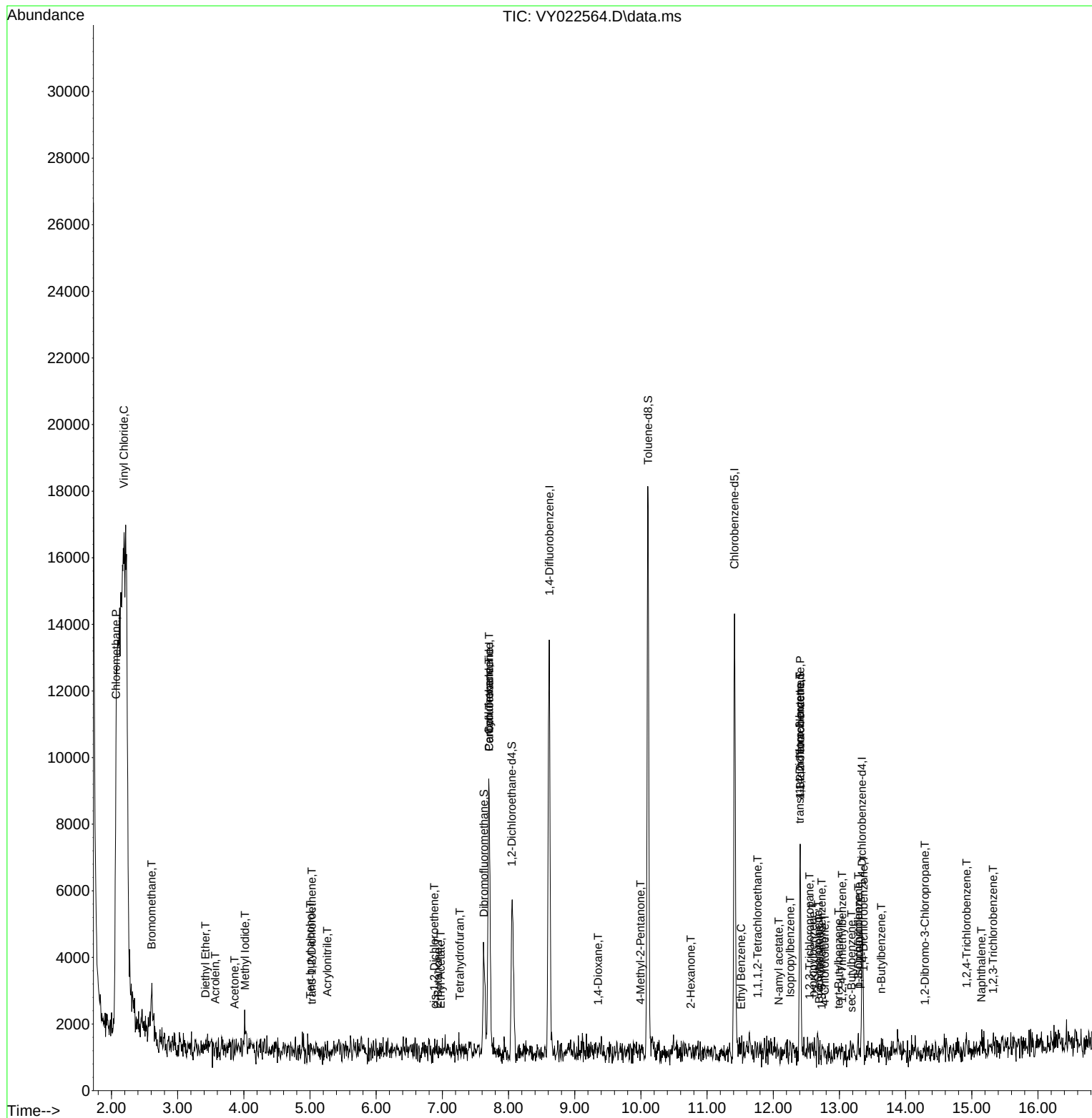
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.365	146	101	3.253	ug/l #	50
89) n-Butylbenzene	13.633	91	168	2.659	ug/l	75
92) 1,2-Dibromo-3-Chloropr...	14.291	75	22	12.296	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.919	180	118	7.960	ug/l	77
95) Naphthalene	15.145	128	273	9.597	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.322	180	159	12.515	ug/l #	46

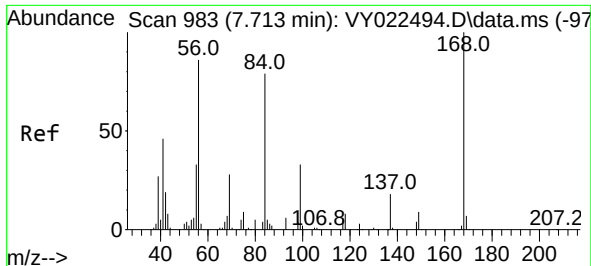
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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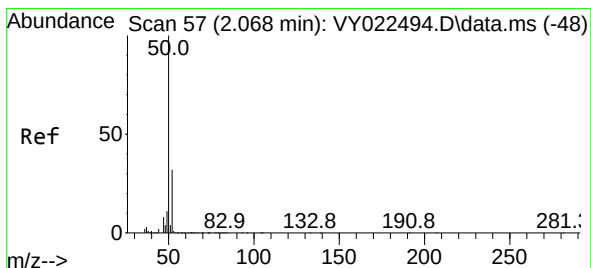
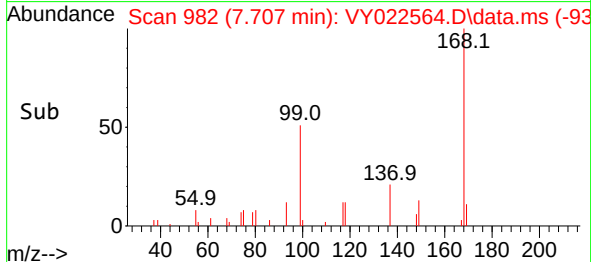
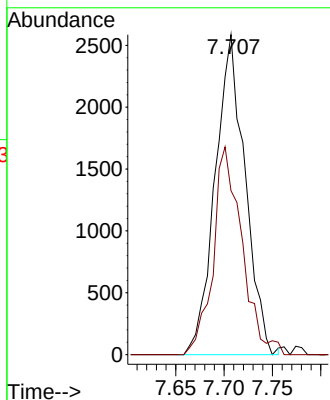
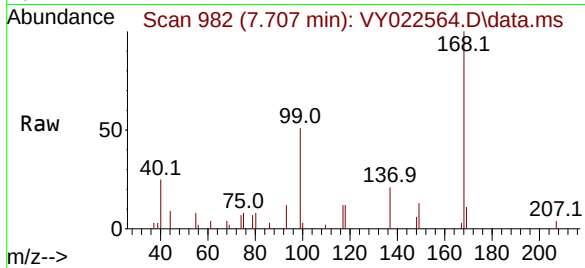




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022564.D
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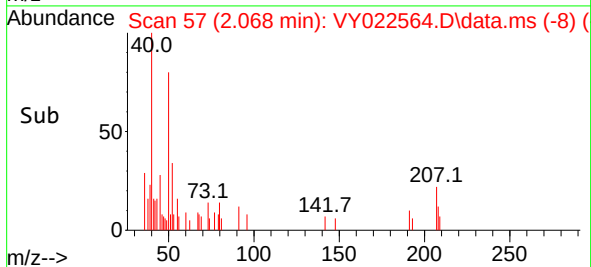
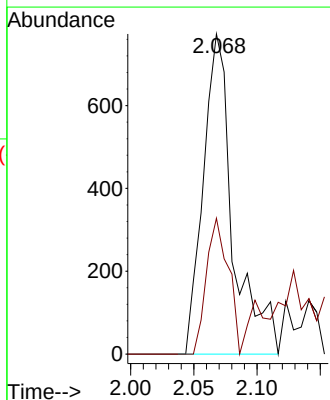
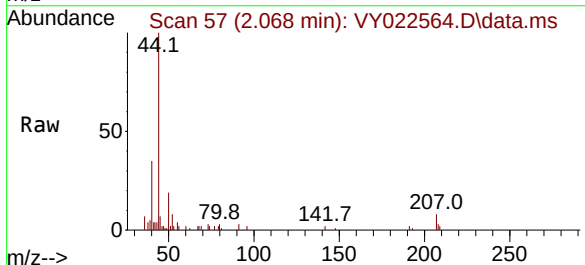
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

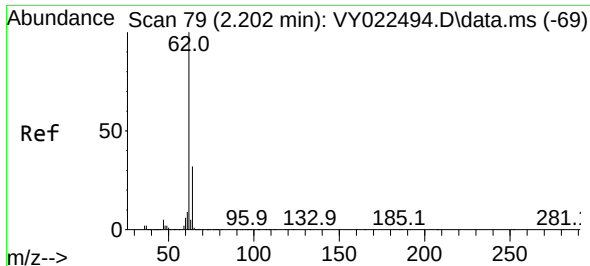
Tgt Ion:168 Resp: 5569
Ion Ratio Lower Upper
168 100
99 51.2 44.3 66.5



#3
Chloromethane
Concen: 8.595 ug/l
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion: 50 Resp: 1266
Ion Ratio Lower Upper
50 100
52 42.4 26.0 39.0#

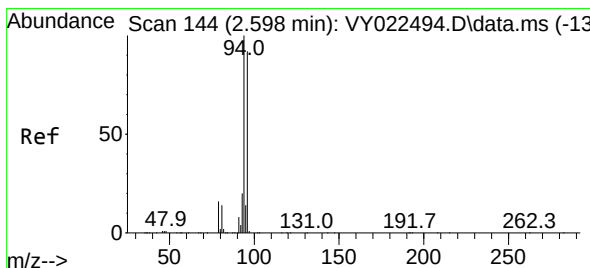
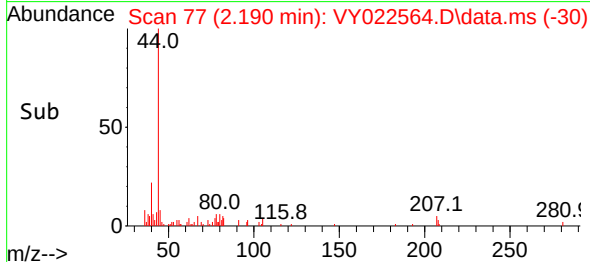
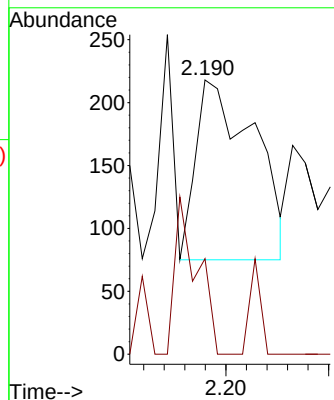
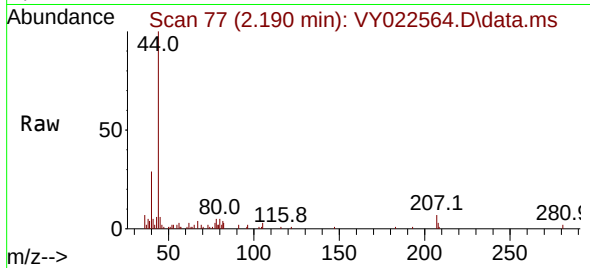




#4
 Vinyl Chloride
 Concen: 1.644 ug/l
 RT: 2.190 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VY022564.D
 Acq: 05 Jun 2025 11:12

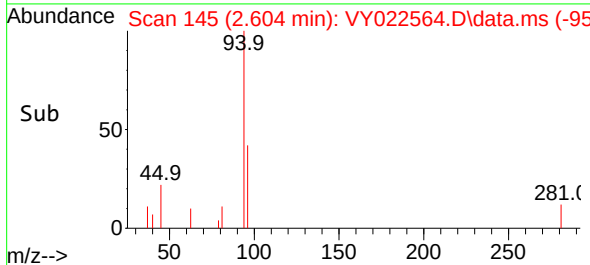
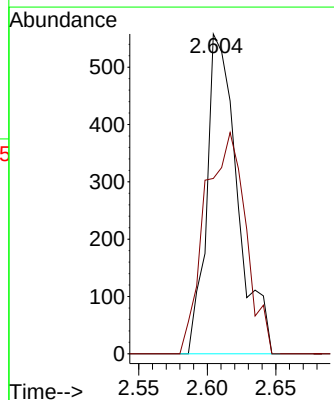
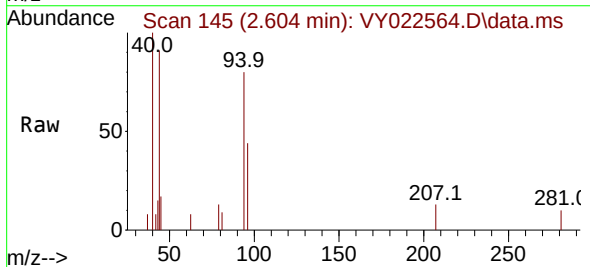
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-343RE

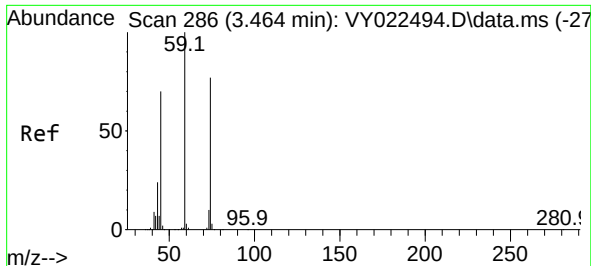
Tgt Ion: 62 Resp: 281
 Ion Ratio Lower Upper
 62 100
 64 53.1 25.3 37.9#



#5
 Bromomethane
 Concen: 5.306 ug/l
 RT: 2.604 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VY022564.D
 Acq: 05 Jun 2025 11:12

Tgt Ion: 94 Resp: 869
 Ion Ratio Lower Upper
 94 100
 96 54.8 74.0 111.0#

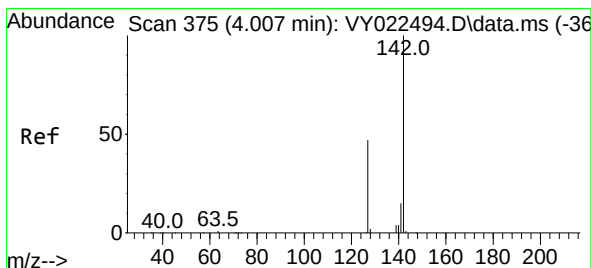
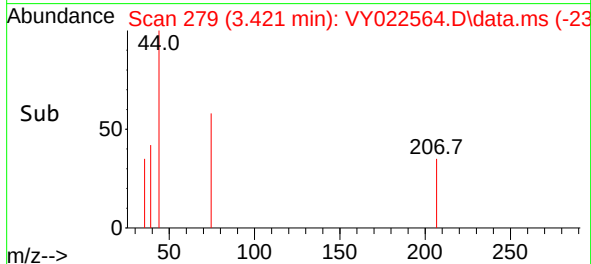
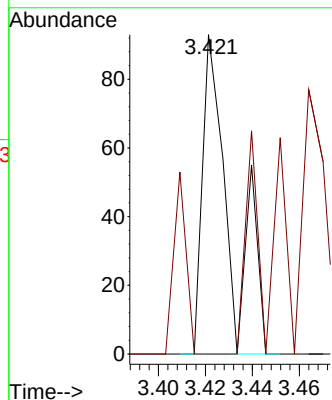
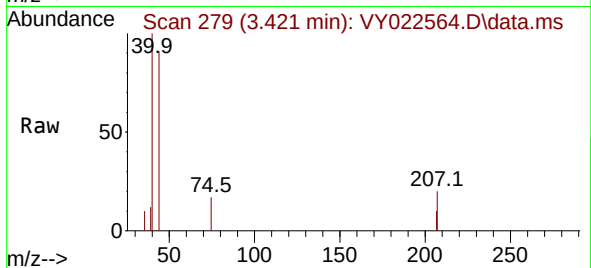




#8
Diethyl Ether
Concen: 2.296 ug/l
RT: 3.421 min Scan# 21
Delta R.T. -0.043 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

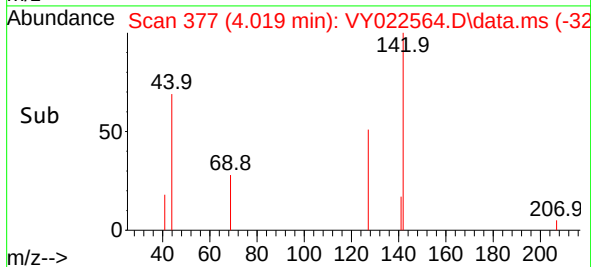
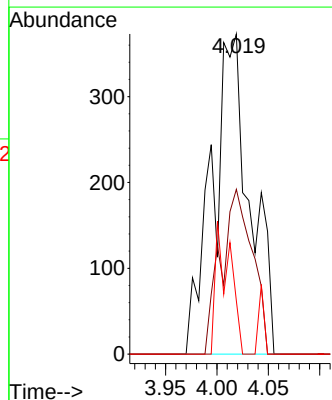
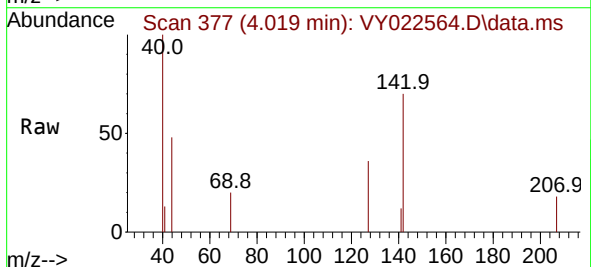
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

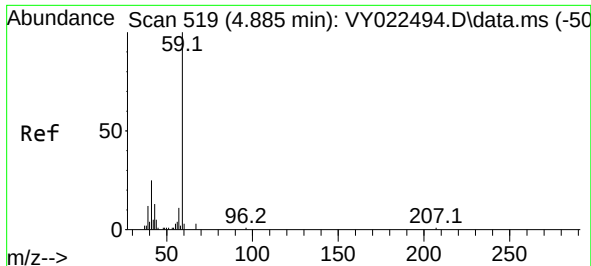
Tgt Ion: 74 Resp: 75
Ion Ratio Lower Upper
74 100
45 25.3 45.9 137.6#



#10
Methyl Iodide
Concen: 14.368 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion: 142 Resp: 950
Ion Ratio Lower Upper
142 100
127 42.9 37.1 55.7
141 16.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 7.193 ug/l

RT: 5.006 min Scan# 51

Delta R.T. 0.122 min

Lab File: VY022564.D

Acq: 05 Jun 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

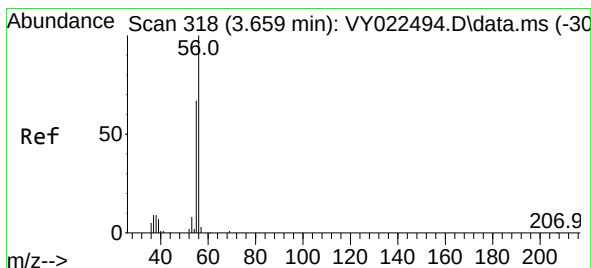
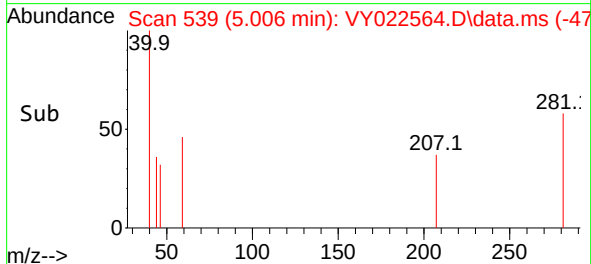
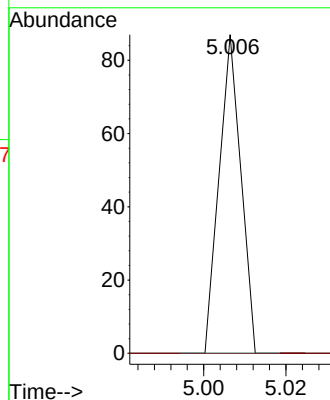
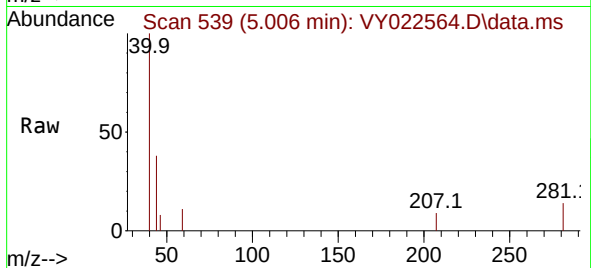
ETGI-343RE

Tgt Ion: 59 Resp: 32

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



#13

Acrolein

Concen: 5.591 ug/l

RT: 3.568 min Scan# 303

Delta R.T. -0.092 min

Lab File: VY022564.D

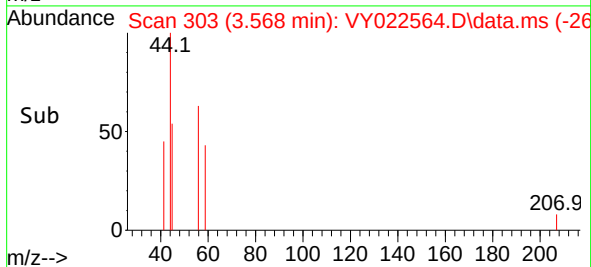
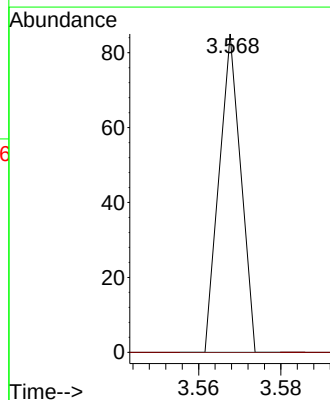
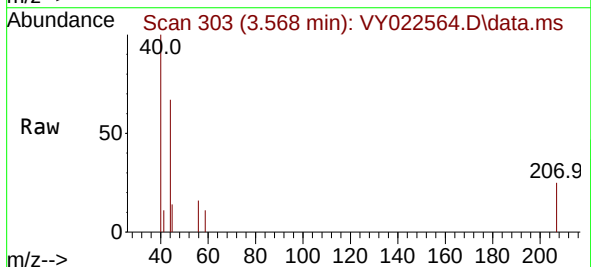
Acq: 05 Jun 2025 11:12

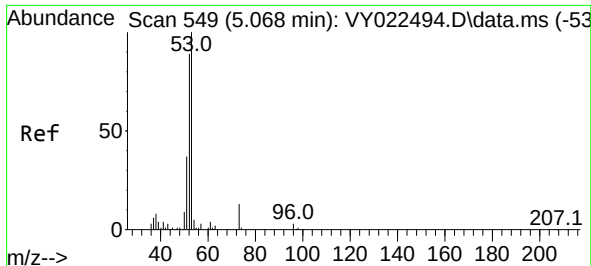
Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.6#

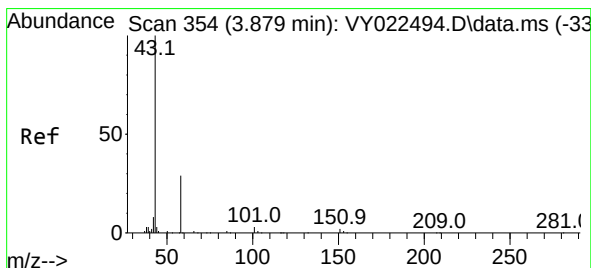
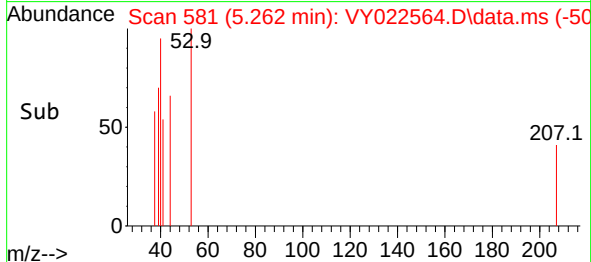
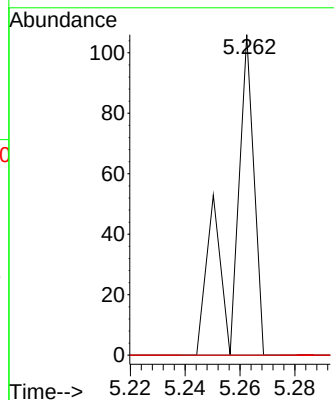
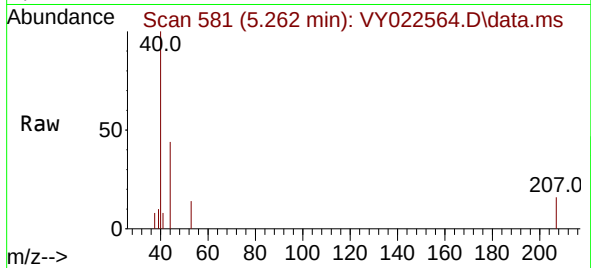




#15
Acrylonitrile
Concen: 4.192 ug/l
RT: 5.262 min Scan# 51
Delta R.T. 0.195 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

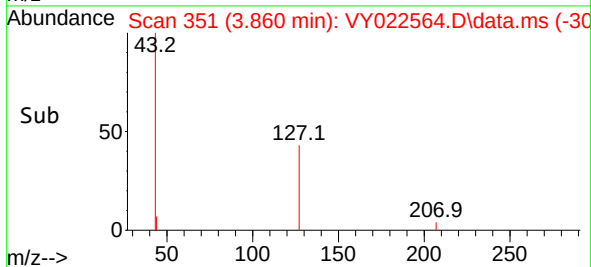
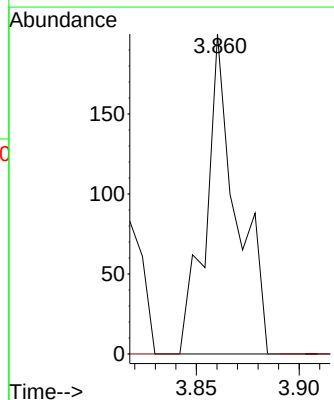
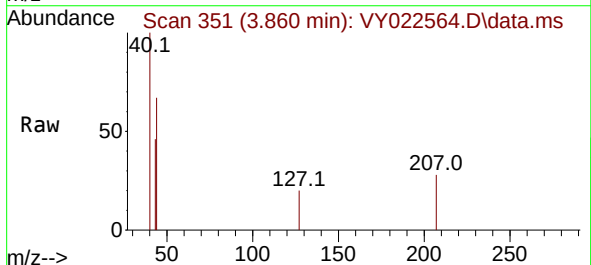
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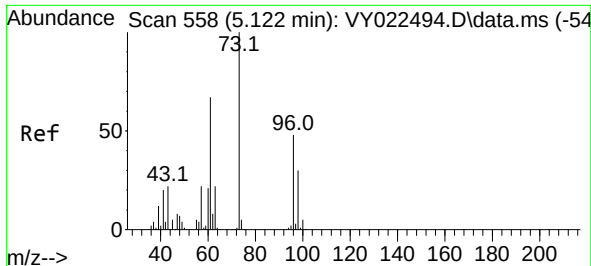
Tgt Ion: 53 Resp: 58
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 30.1 45.1#



#16
Acetone
Concen: 16.443 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

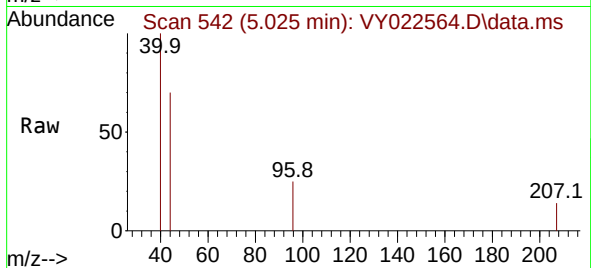
Tgt Ion: 43 Resp: 208
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



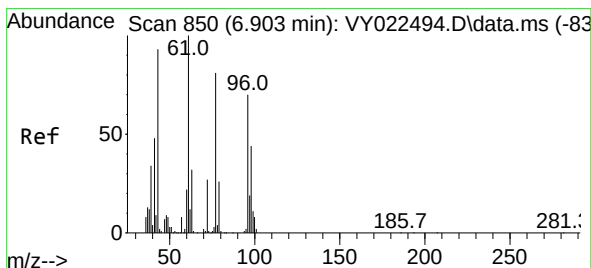
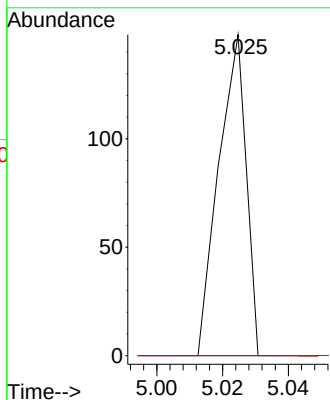
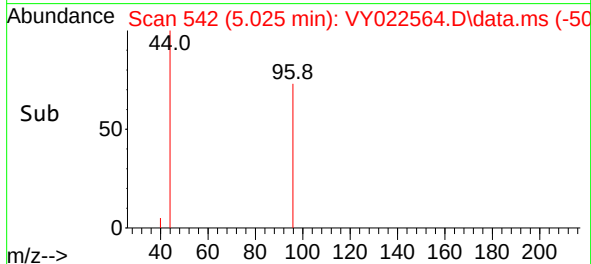


#21
trans-1,2-Dichloroethene
Concen: 1.316 ug/l
RT: 5.025 min Scan# 541
Delta R.T. -0.098 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Instrument :
MSVOA_Y
ClientSampleId :
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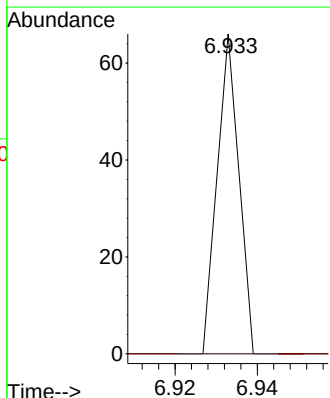
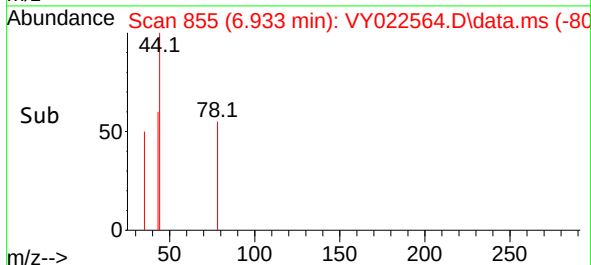
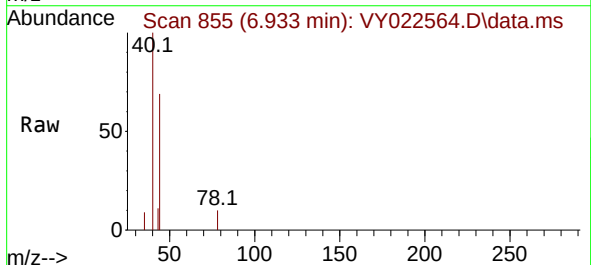


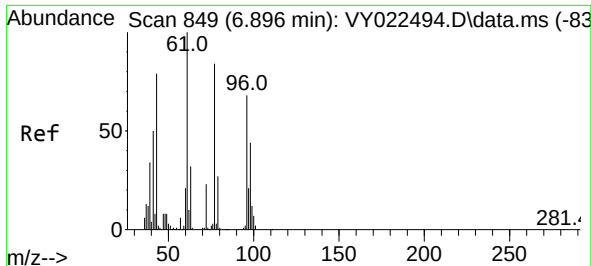
Tgt Ion: 96 Resp: 86
Ion Ratio Lower Upper
96 100
61 0.0 112.6 169.0#
98 0.0 50.6 75.8#



#25
2-Butanone
Concen: 1.315 ug/l
RT: 6.933 min Scan# 855
Delta R.T. 0.030 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
72 0.0 22.9 34.3#





#27

cis-1,2-Dichloroethene

Concen: 1.019 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY022564.D

Acq: 05 Jun 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-343RE

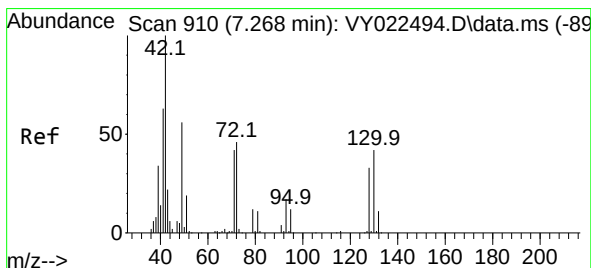
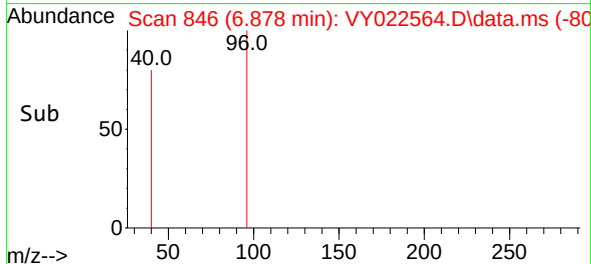
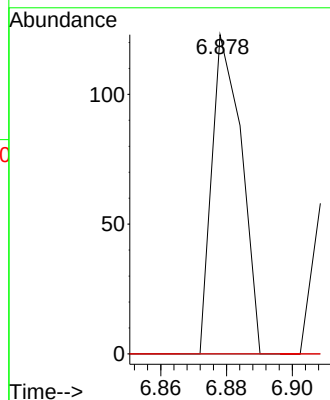
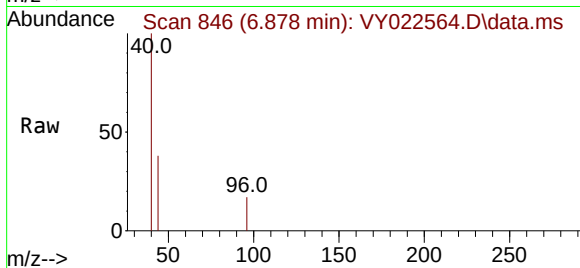
Tgt Ion: 96 Resp: 77

Ion Ratio Lower Upper

96 100

61 0.0 0.0 290.0

98 0.0 0.0 128.4



#29

Tetrahydrofuran

Concen: 1.784 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022564.D

Acq: 05 Jun 2025 11:12

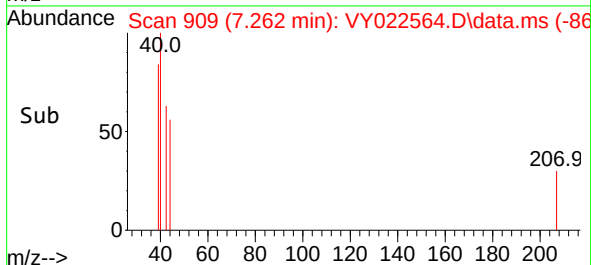
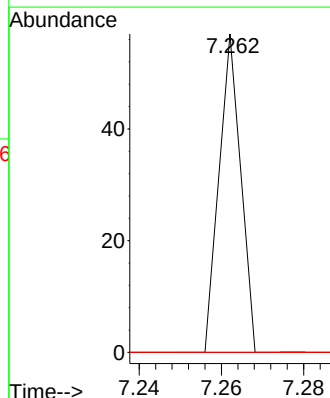
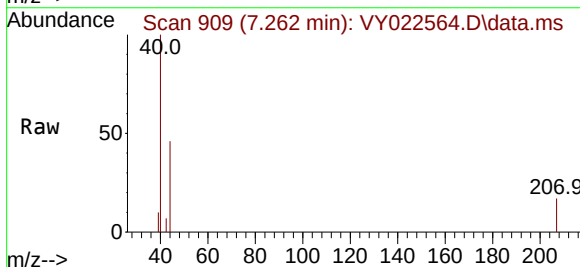
Tgt Ion: 42 Resp: 21

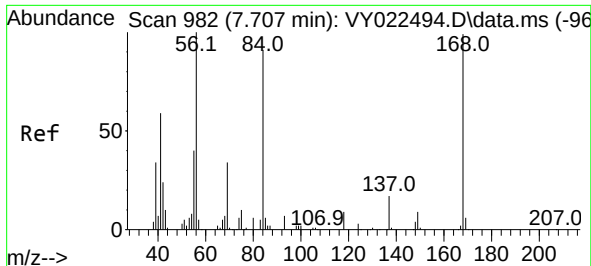
Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.2#

71 0.0 34.2 51.2#

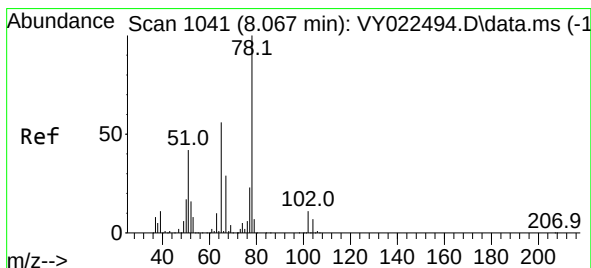
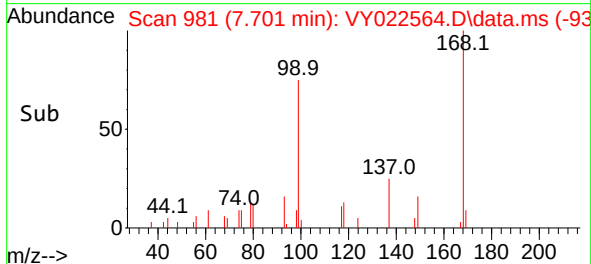
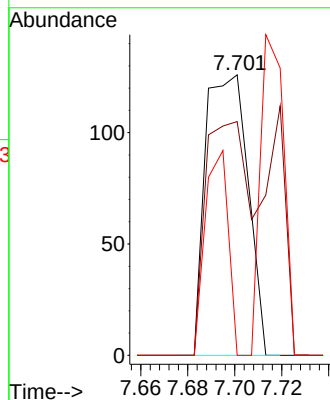
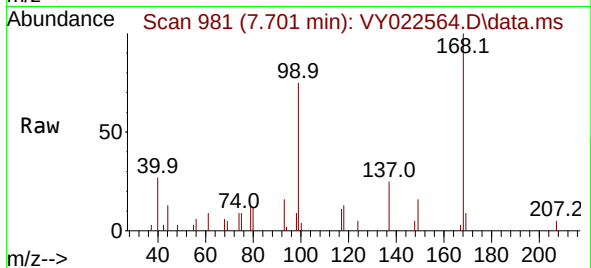




#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

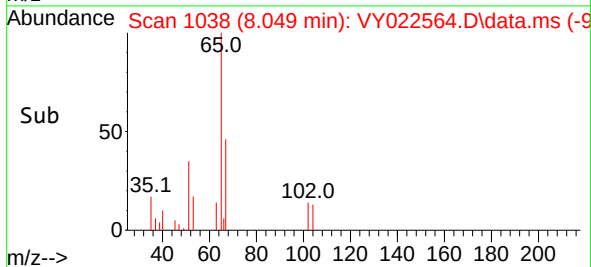
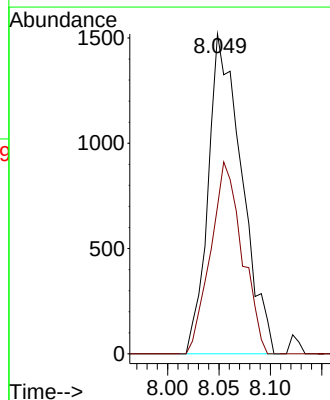
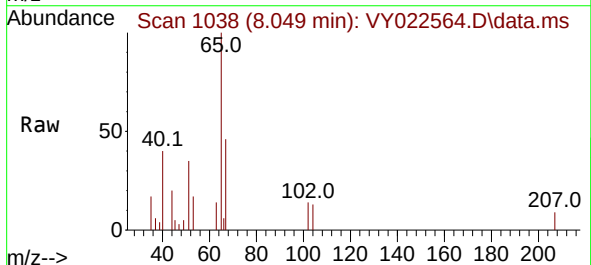
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

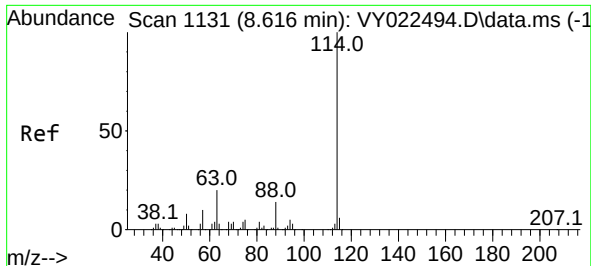
Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
69 83.3 27.0 40.6#
84 0.0 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 55.293 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.018 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion: 65 Resp: 3444
Ion Ratio Lower Upper
65 100
67 56.6 0.0 103.4

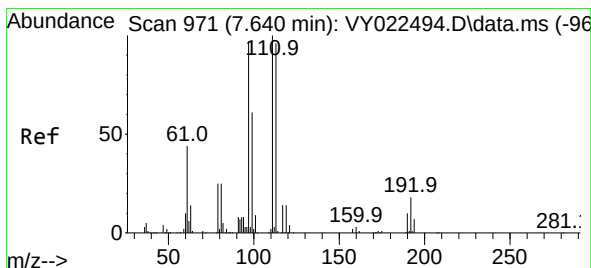
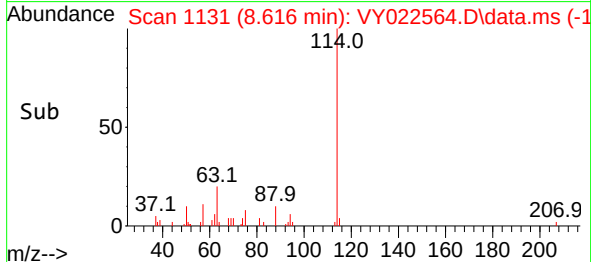
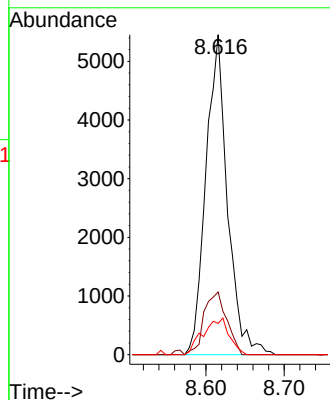
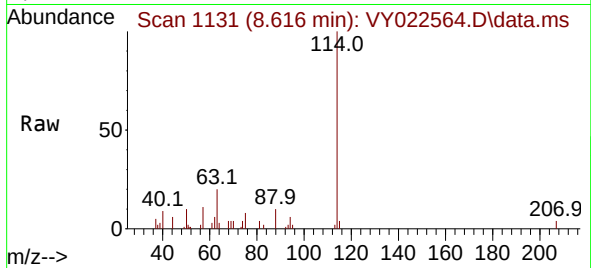




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

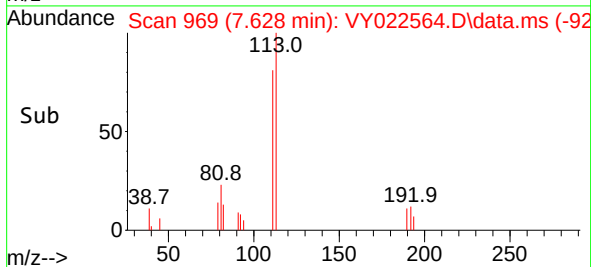
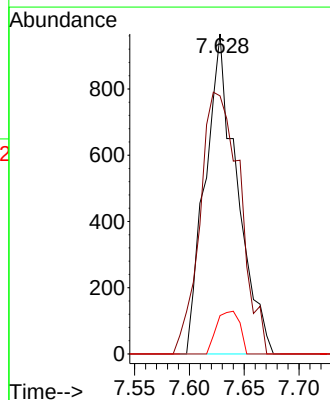
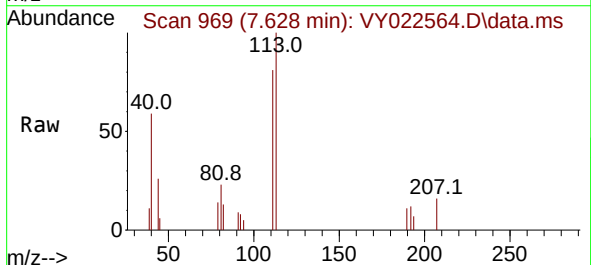
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

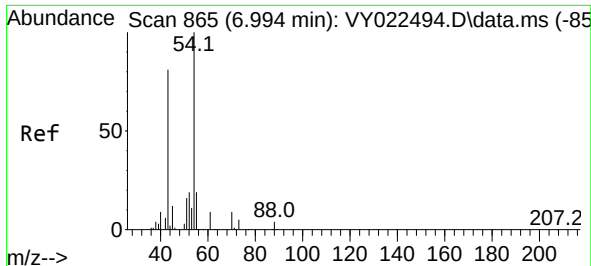
Tgt Ion:	114	Resp:	10454
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	9.8	0.0	27.8



#35
Dibromofluoromethane
Concen: 31.139 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion:	113	Resp:	1943
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	9.8	14.2	21.2





#37

Ethyl Acetate

Concen: 1.041 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.018 min

Lab File: VY022564.D

Acq: 05 Jun 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-343RE

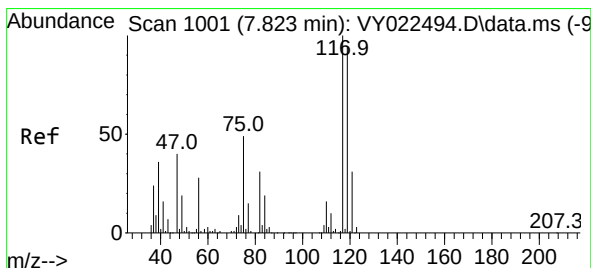
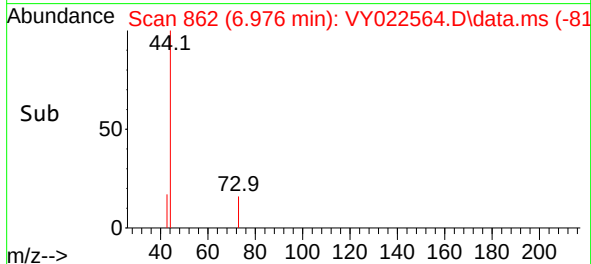
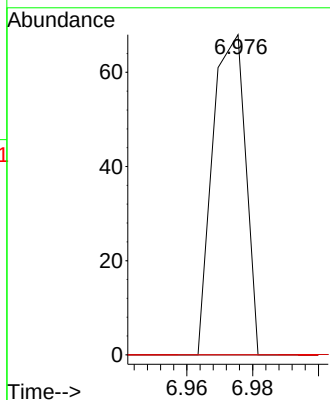
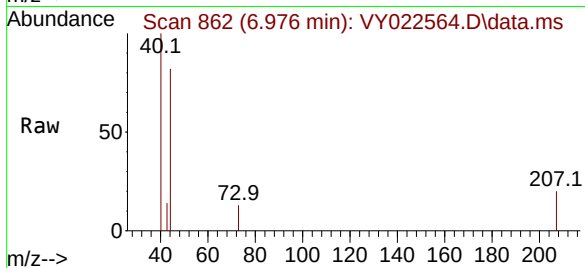
Tgt Ion: 43 Resp: 47

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.2 10.8#



#38

Carbon Tetrachloride

Concen: 7.691 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY022564.D

Acq: 05 Jun 2025 11:12

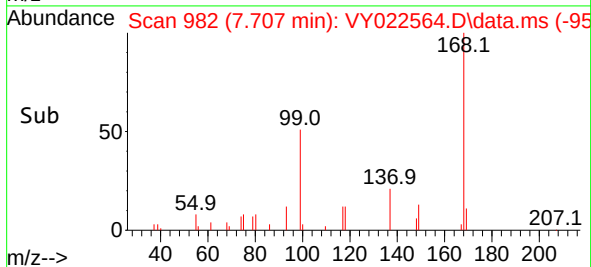
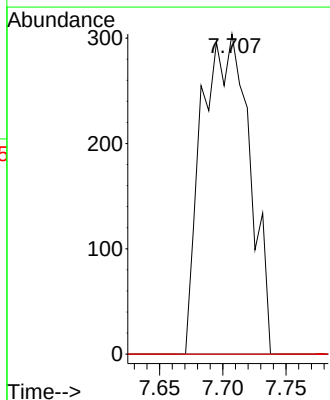
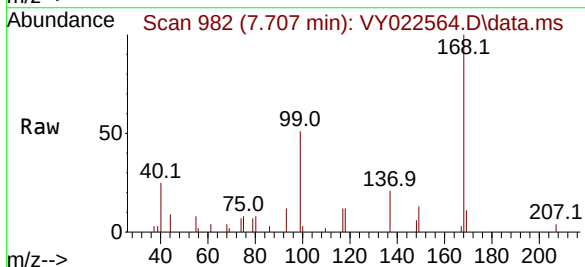
Tgt Ion: 117 Resp: 799

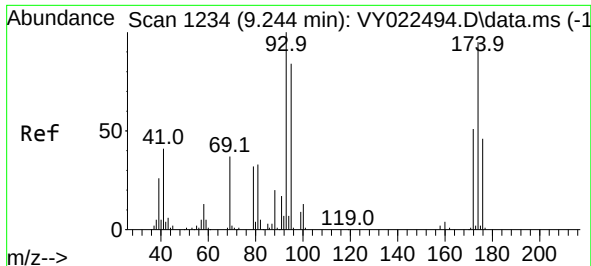
Ion Ratio Lower Upper

117 100

119 0.0 75.0 112.6#

121 0.0 25.0 37.4#





#49

1,4-Dioxane

Concen: 46.694 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY022564.D

Acq: 05 Jun 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-343RE

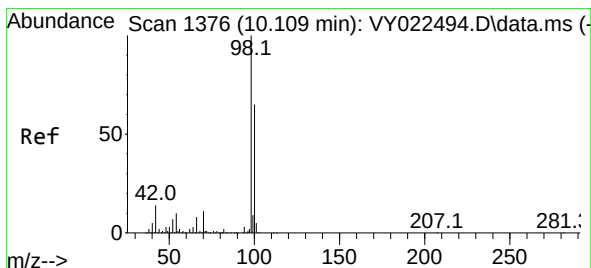
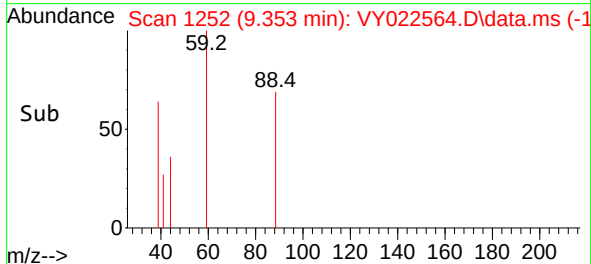
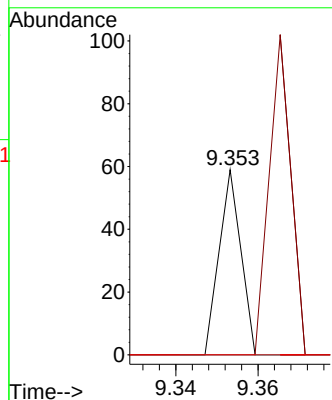
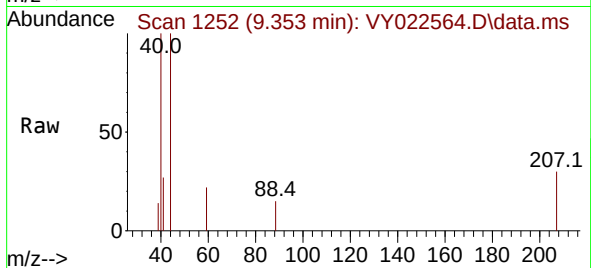
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 168.2 25.4 38.2#

58 0.0 54.9 82.3#



#50

Toluene-d8

Concen: 44.176 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022564.D

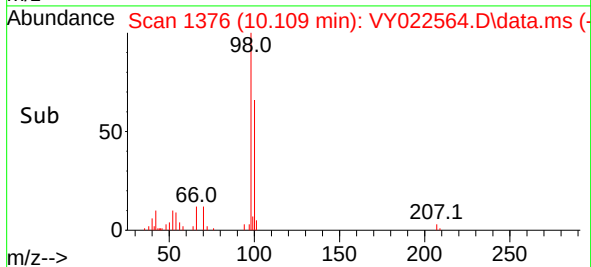
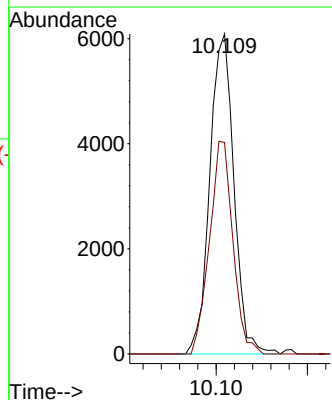
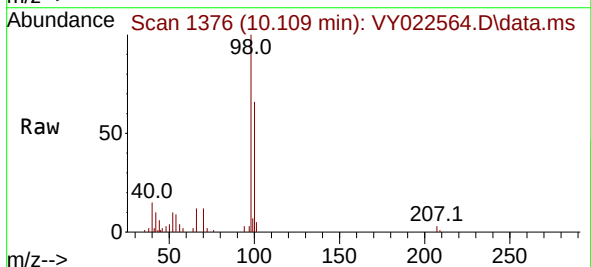
Acq: 05 Jun 2025 11:12

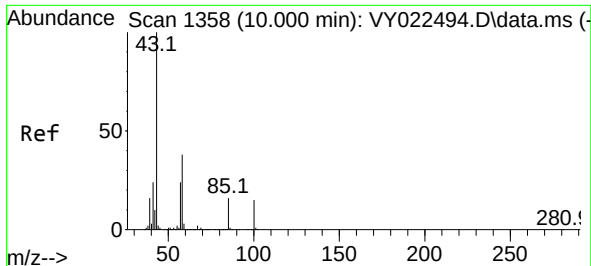
Tgt Ion: 98 Resp: 11138

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

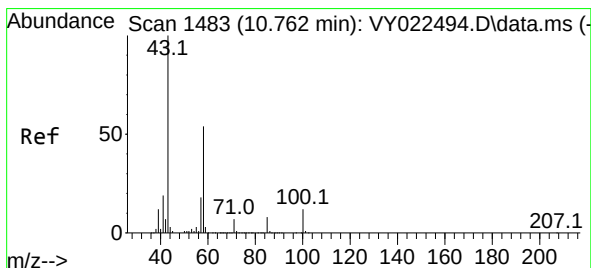
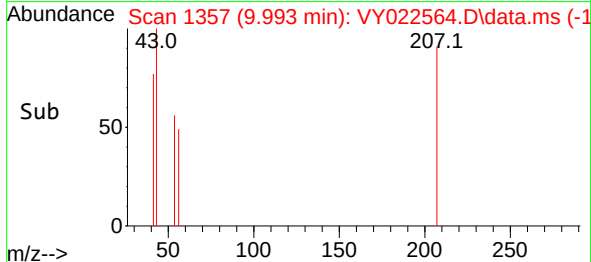
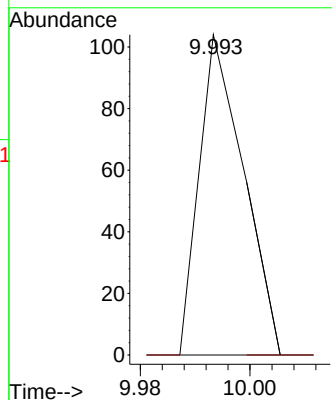
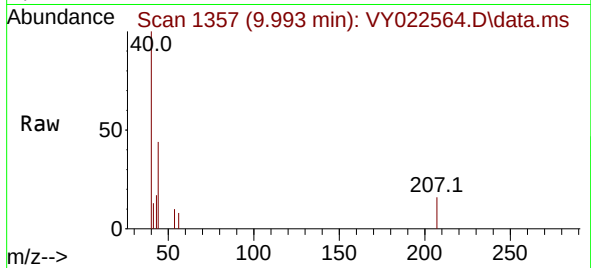




#51
4-Methyl-2-Pentanone
Concen: 1.213 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

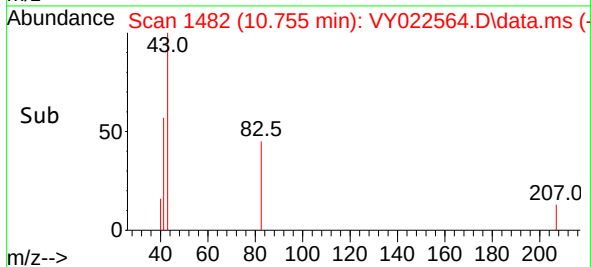
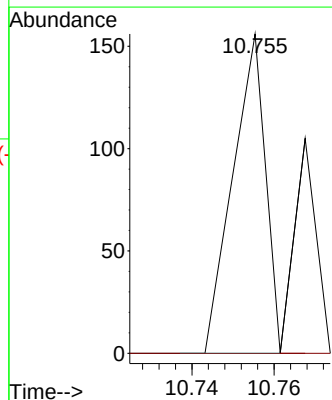
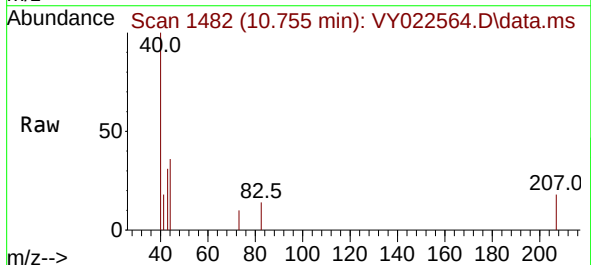
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

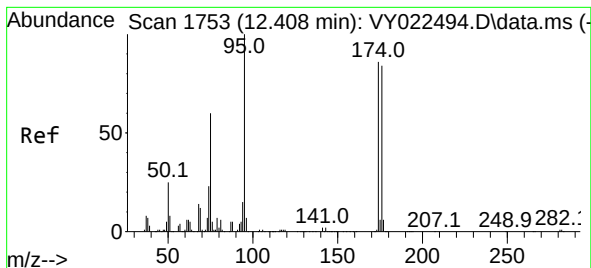
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#59
2-Hexanone
Concen: 2.644 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#

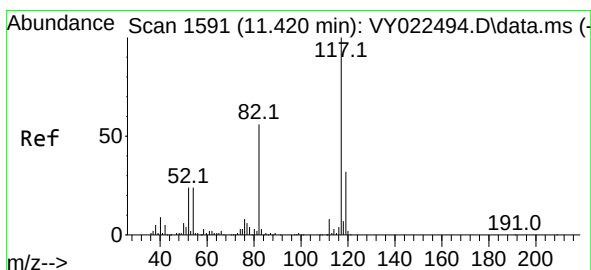
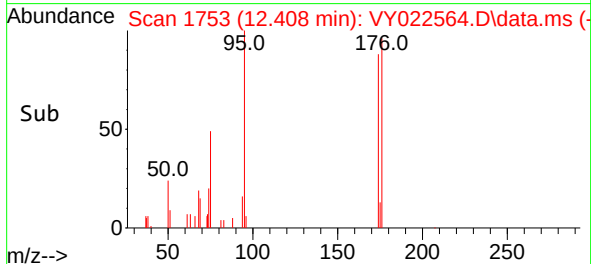
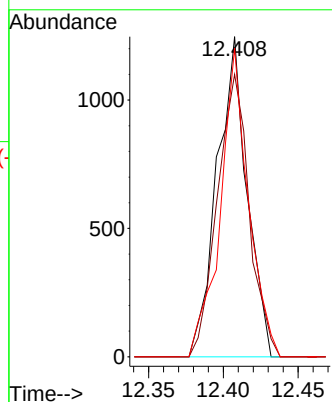
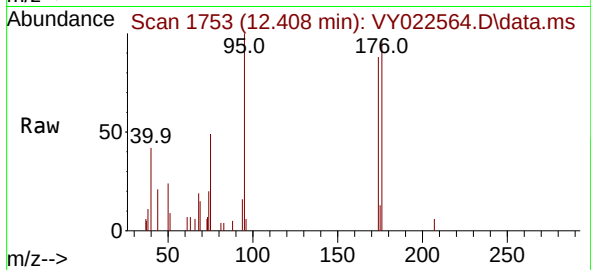




#62
4-Bromofluorobenzene
Concen: 23.123 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

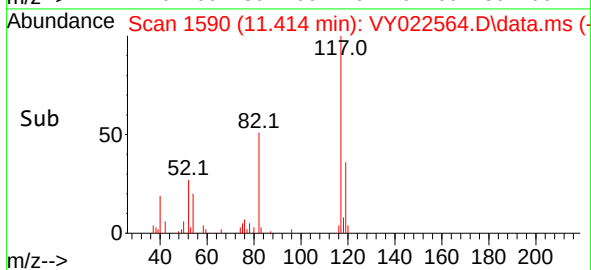
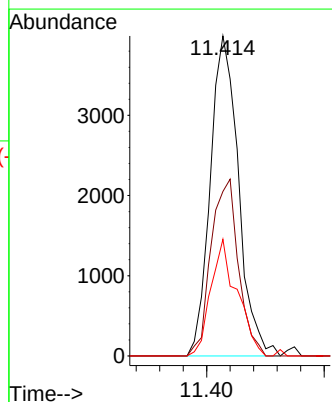
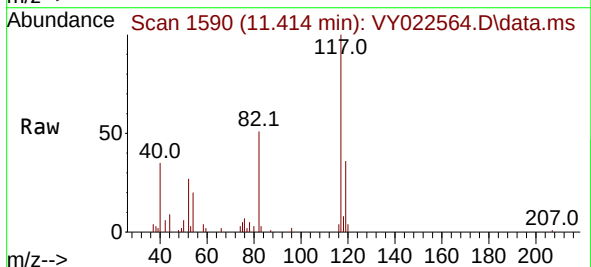
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

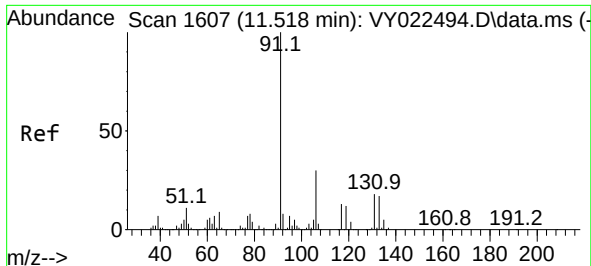
Tgt Ion:	95	Resp:	1737
Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	170.0
176	90.7	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion:	117	Resp:	6653
Ion	Ratio	Lower	Upper
117	100		
82	51.4	44.6	66.8
119	36.5	25.4	38.0

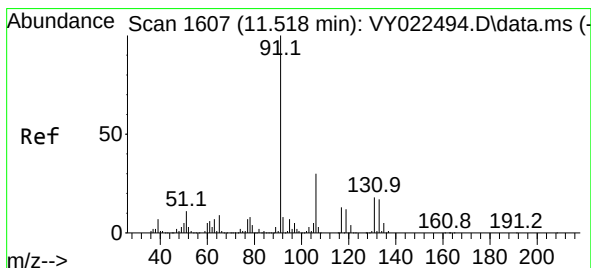
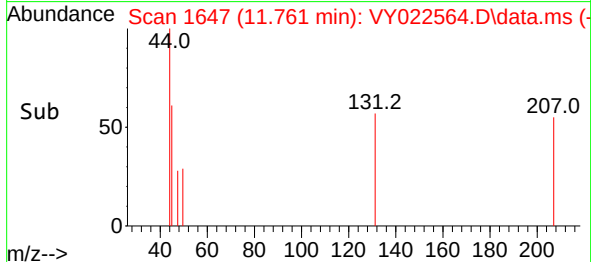
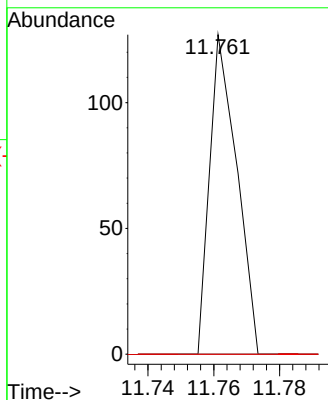
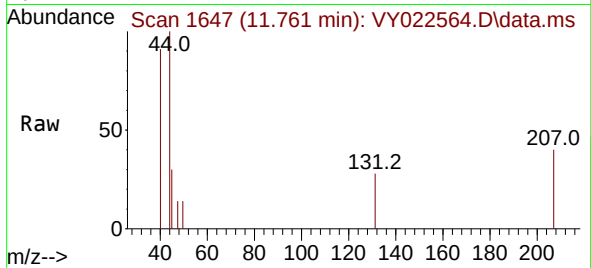




#66
1,1,1,2-Tetrachloroethane
Concen: 1.472 ug/l
RT: 11.761 min Scan# 11
Delta R.T. 0.244 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

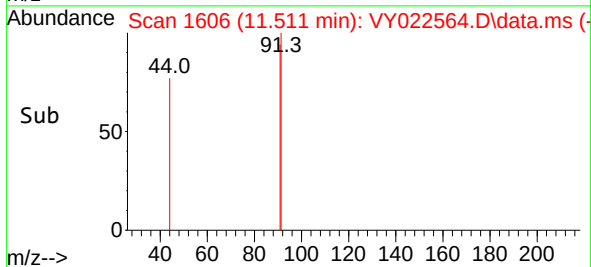
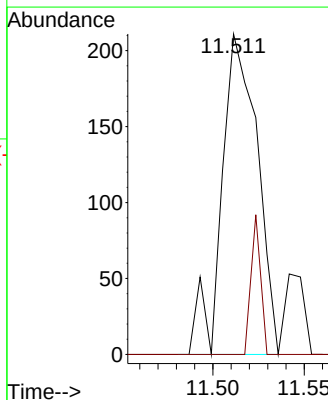
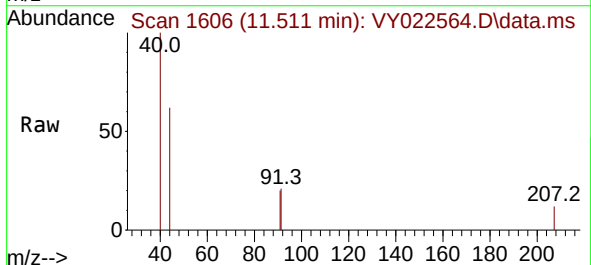
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

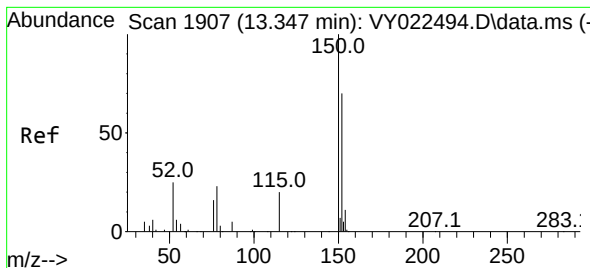
Tgt Ion:131 Resp: 73
Ion Ratio Lower Upper
131 100
133 0.0 47.3 141.8#
119 0.0 33.1 99.3#



#67
Ethyl Benzene
Concen: 1.051 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion: 91 Resp: 287
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY022564.D

Acq: 05 Jun 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-343RE

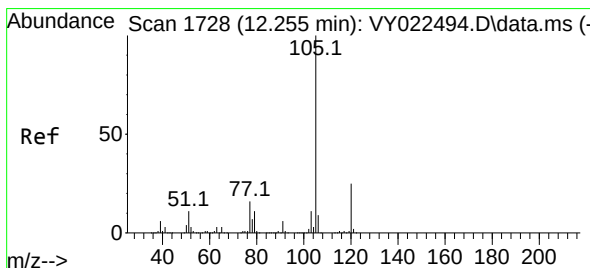
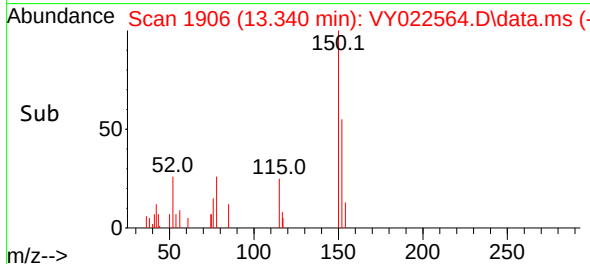
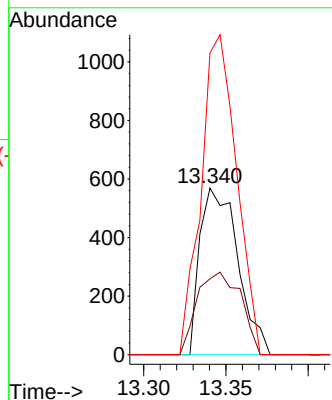
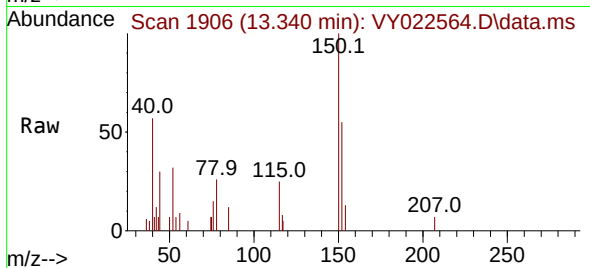
Tgt Ion:152 Resp: 912

Ion Ratio Lower Upper

152 100

115 56.8 28.9 86.7

150 179.9 0.0 349.6



#73

Isopropylbenzene

Concen: 2.391 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022564.D

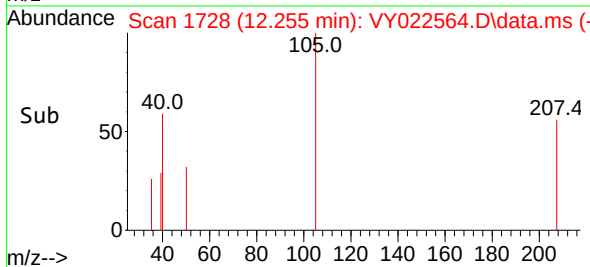
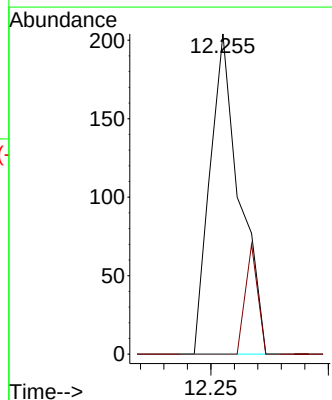
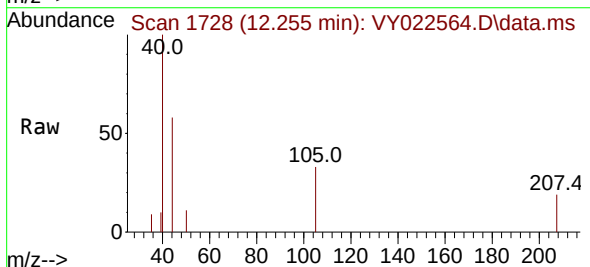
Acq: 05 Jun 2025 11:12

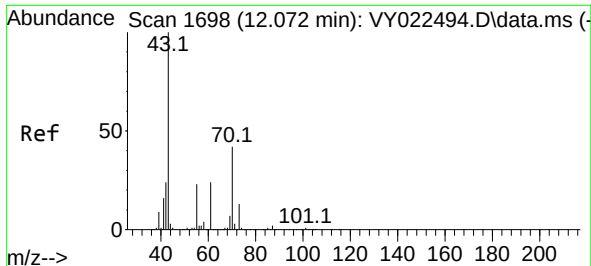
Tgt Ion:105 Resp: 179

Ion Ratio Lower Upper

105 100

120 14.5 13.0 38.9

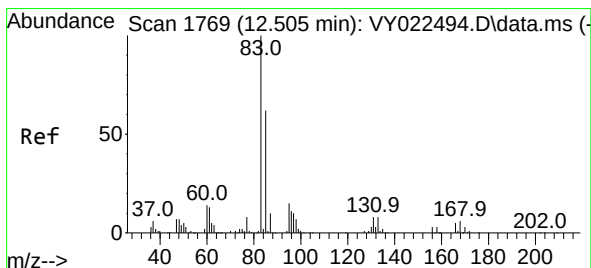
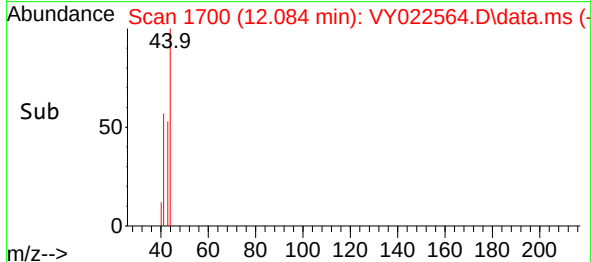
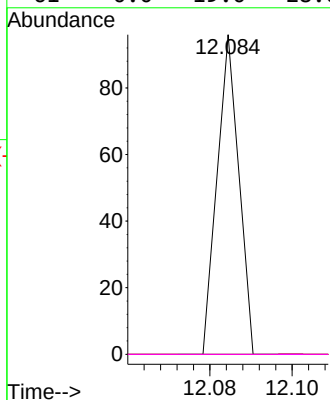
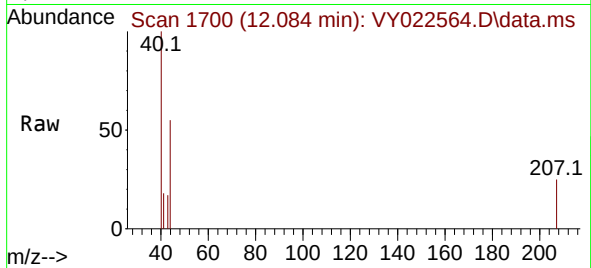




#74
N-amy1 acetate
Concen: 1.853 ug/l
RT: 12.084 min Scan# 1753
Delta R.T. 0.012 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

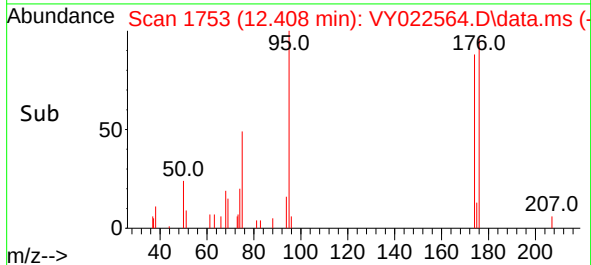
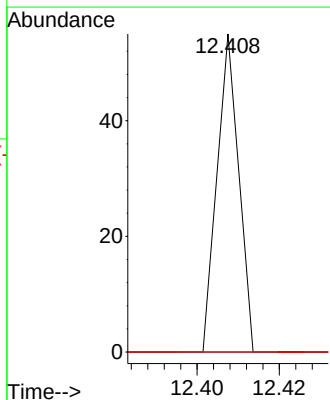
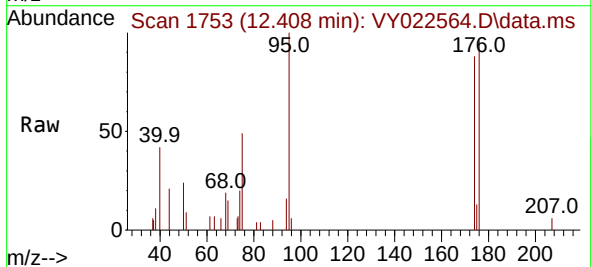
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

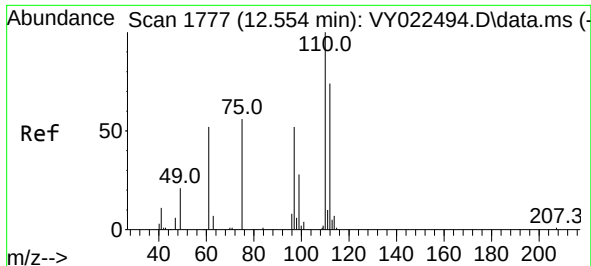
Tgt Ion: 43	Resp: 35
Ion Ratio	Lower Upper
43 100	
70 0.0	34.2 51.2#
55 0.0	18.2 27.4#
61 0.0	19.0 28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.627 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.098 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion: 83	Resp: 20
Ion Ratio	Lower Upper
83 100	
131 0.0	4.9 14.7#
85 0.0	32.6 97.8#

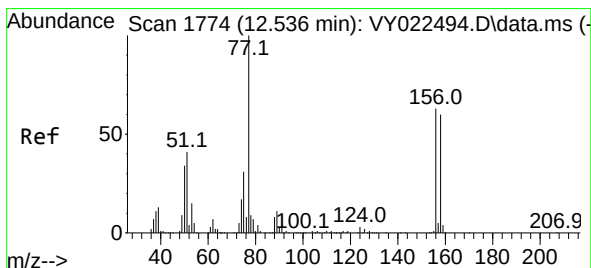
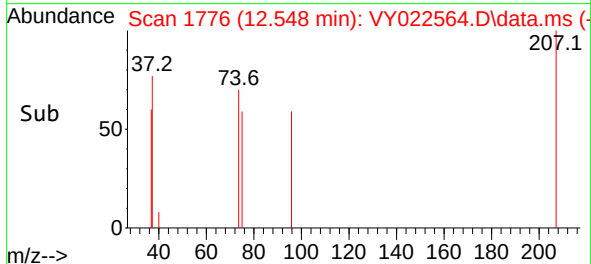
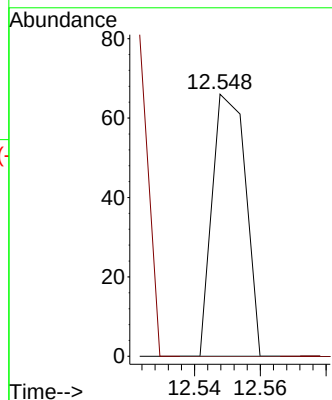
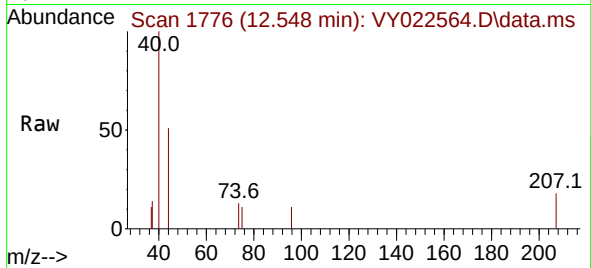




#76
1,2,3-Trichloropropane
Concen: 4.409 ug/l
RT: 12.548 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

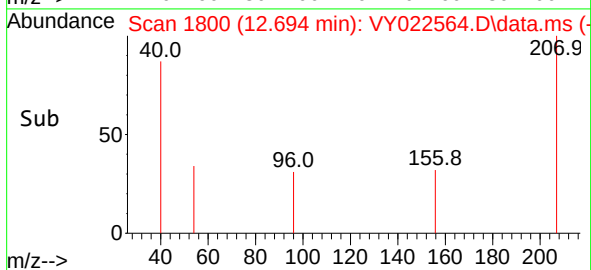
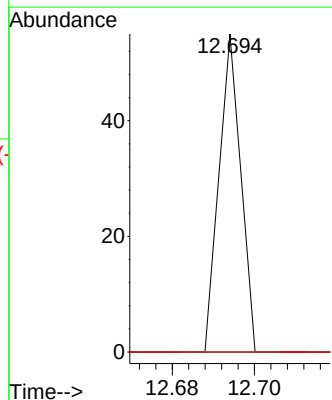
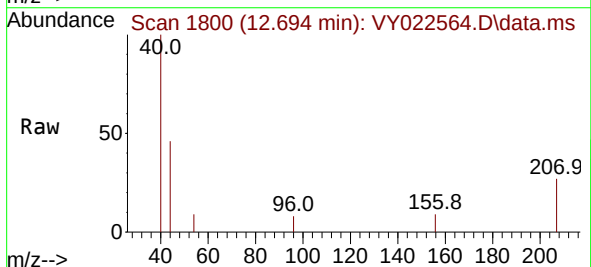
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

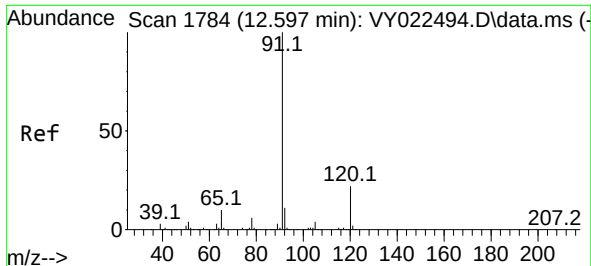
Tgt Ion: 75 Resp: 46
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 1.266 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. 0.158 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion: 156 Resp: 20
Ion Ratio Lower Upper
156 100
77 0.0 94.0 282.1#
158 0.0 48.2 144.6#

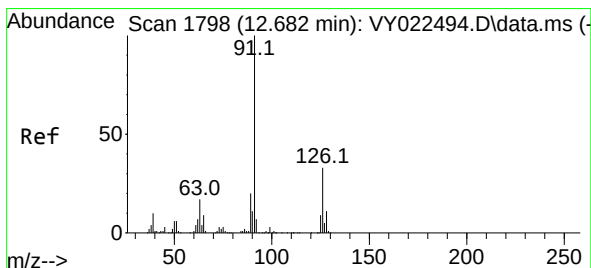
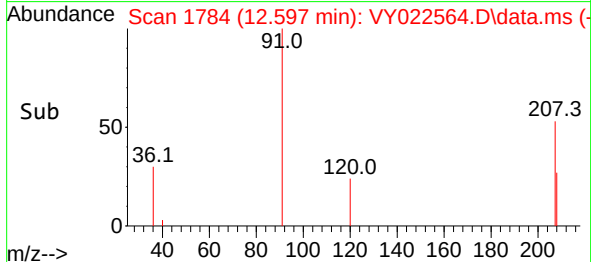
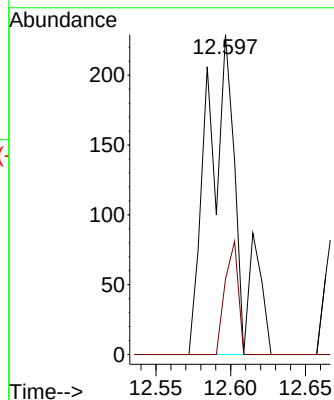
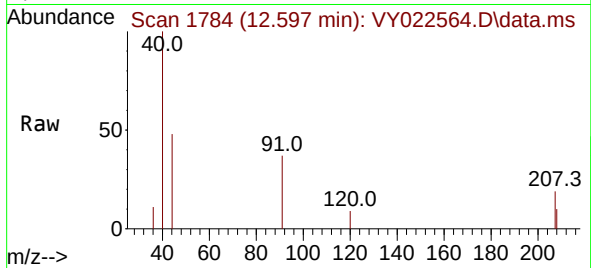




#78
n-propylbenzene
Concen: 3.554 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

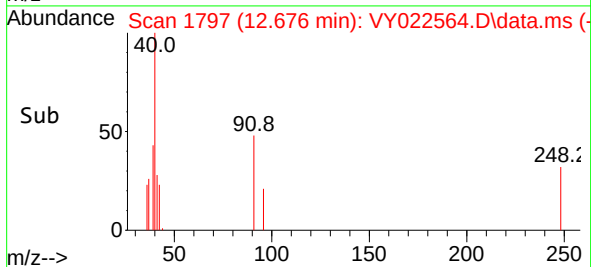
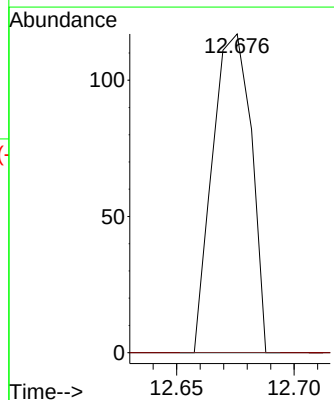
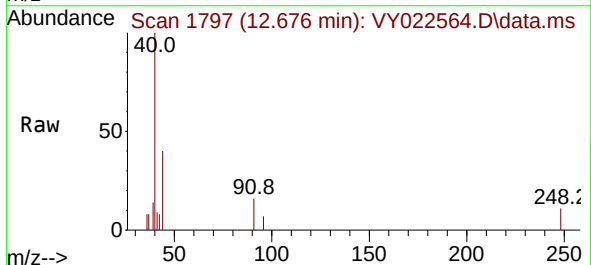
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

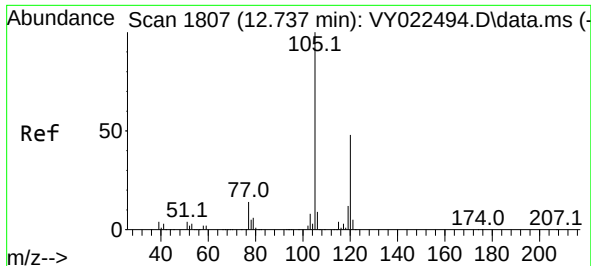
Tgt Ion: 91 Resp: 325
Ion Ratio Lower Upper
91 100
120 0.0 10.8 32.4#



#79
2-Chlorotoluene
Concen: 2.765 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion: 91 Resp: 134
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

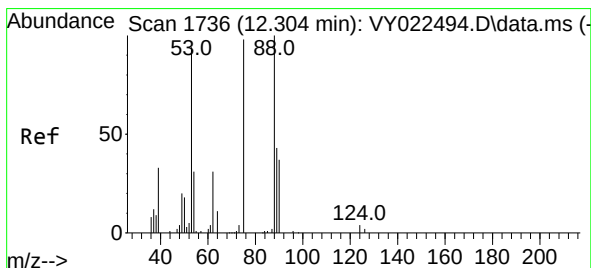
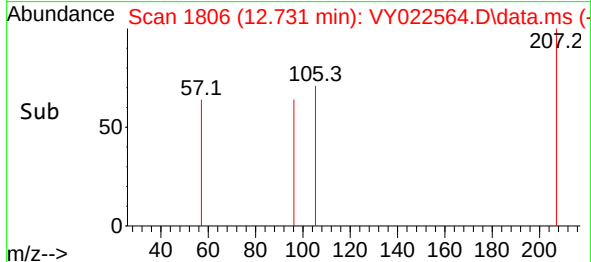
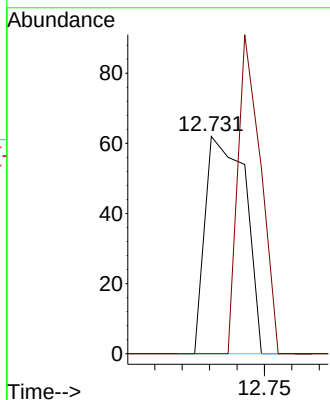
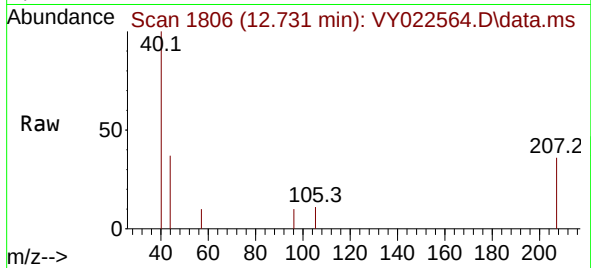




#80
 1,3,5-Trimethylbenzene
 Concen: 1.072 ug/l
 RT: 12.731 min Scan# 1752
 Delta R.T. -0.006 min
 Lab File: VY022564.D
 Acq: 05 Jun 2025 11:12

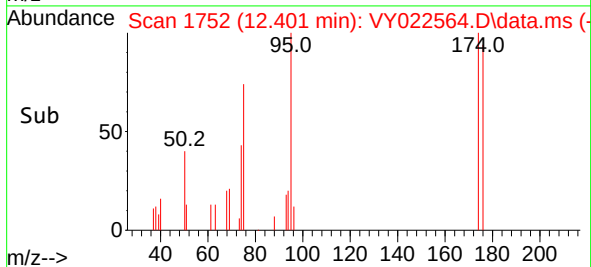
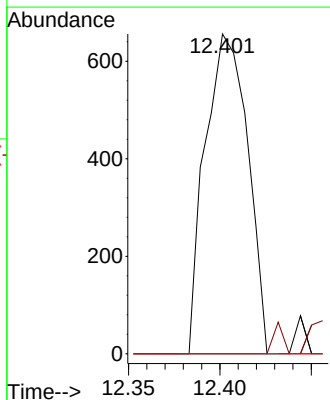
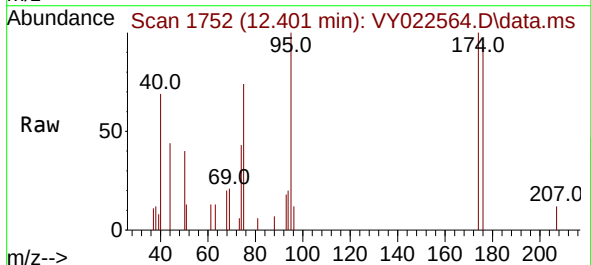
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-343RE

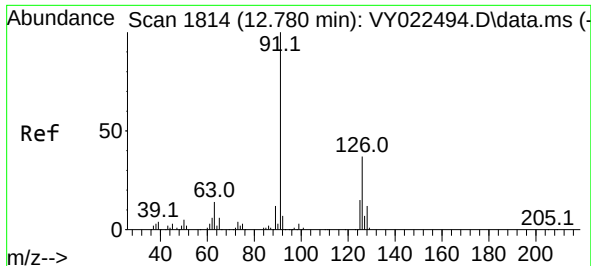
Tgt Ion:105 Resp: 63
 Ion Ratio Lower Upper
 105 100
 120 84.1 24.1 72.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 246.039 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. 0.097 min
 Lab File: VY022564.D
 Acq: 05 Jun 2025 11:12

Tgt Ion: 75 Resp: 1063
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 35.7 53.5#

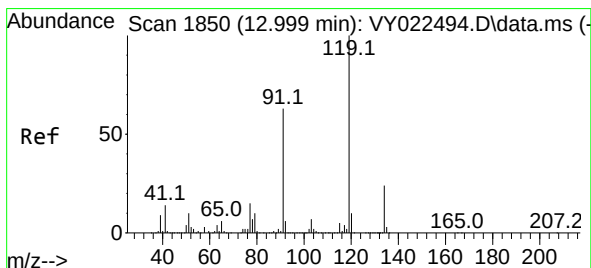
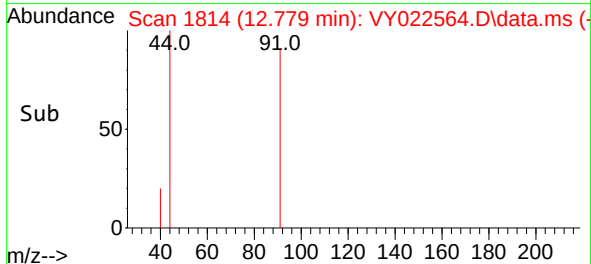
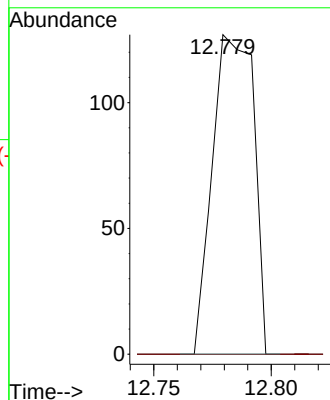
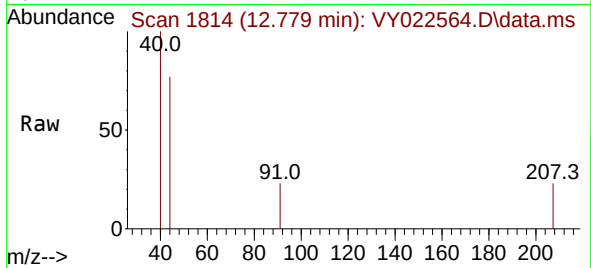




#82
4-Chlorotoluene
Concen: 3.100 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

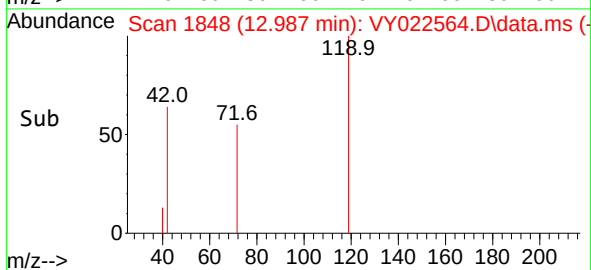
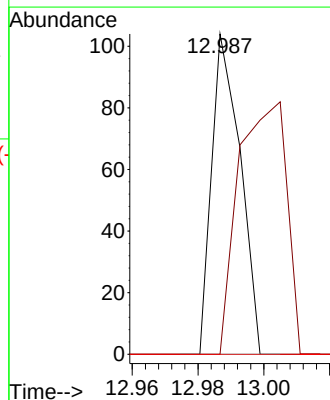
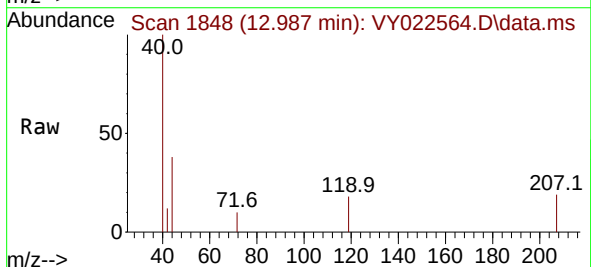
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

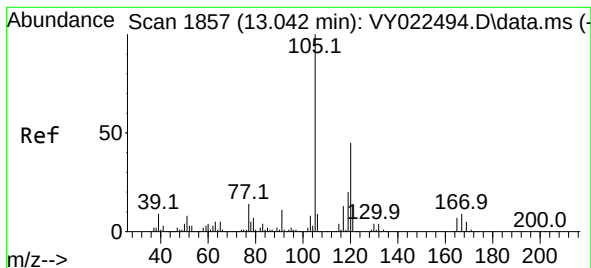
Tgt Ion: 91 Resp: 155
Ion Ratio Lower Upper
91 100
126 0.0 17.0 50.9#



#83
tert-Butylbenzene
Concen: 1.194 ug/l
RT: 12.987 min Scan# 1848
Delta R.T. -0.012 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion: 119 Resp: 63
Ion Ratio Lower Upper
119 100
91 131.7 32.1 96.3#
134 0.0 13.0 38.9#





#84

1,2,4-Trimethylbenzene

Concen: 4.286 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022564.D

Acq: 05 Jun 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

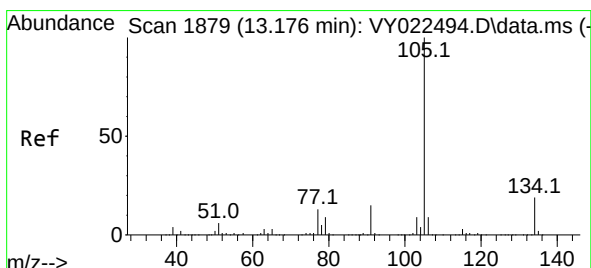
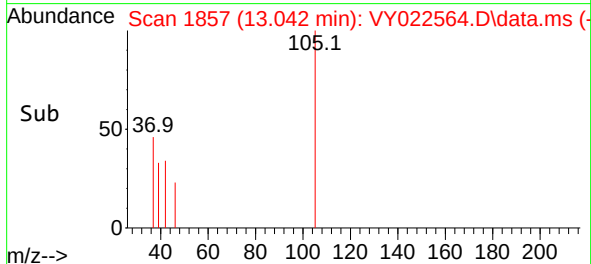
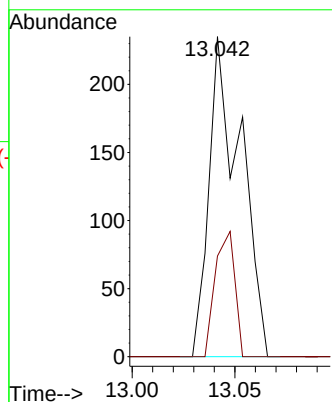
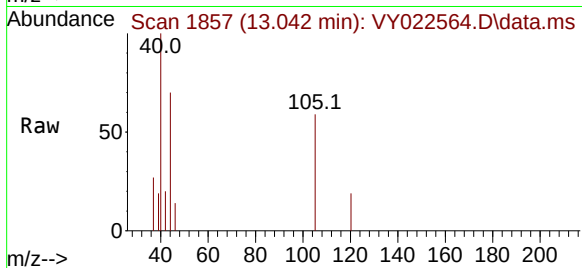
ETGI-343RE

Tgt Ion:105 Resp: 252

Ion Ratio Lower Upper

105 100

120 24.2 22.7 68.1



#85

sec-Butylbenzene

Concen: 2.611 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY022564.D

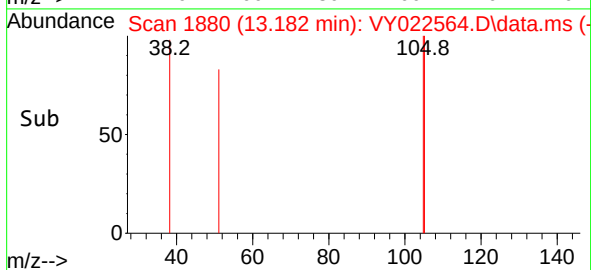
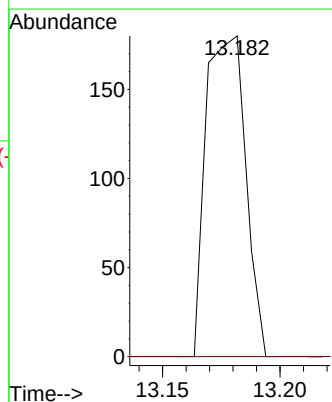
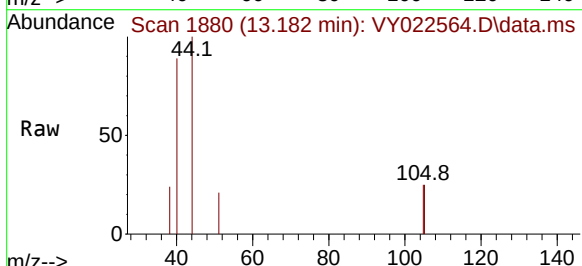
Acq: 05 Jun 2025 11:12

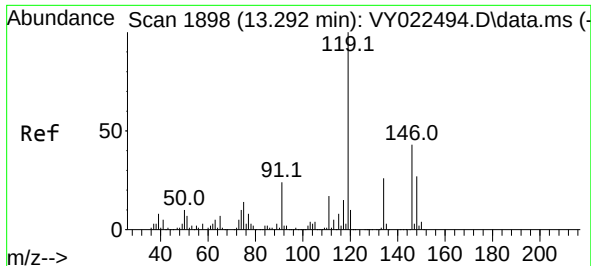
Tgt Ion:105 Resp: 211

Ion Ratio Lower Upper

105 100

134 0.0 9.7 28.9#

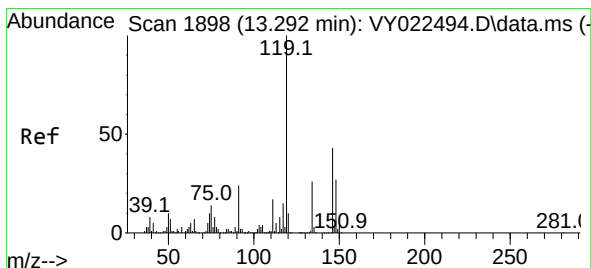
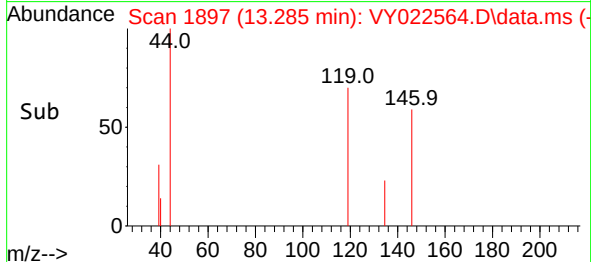
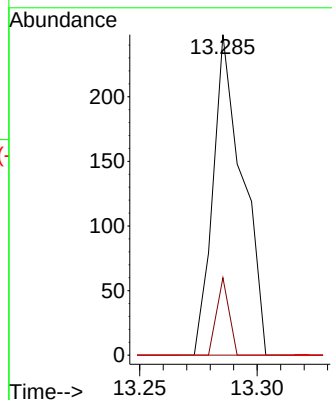
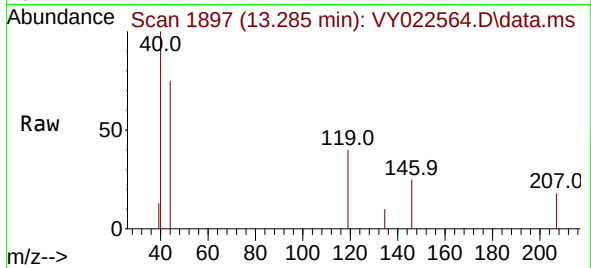




#86
p-Isopropyltoluene
Concen: 3.258 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

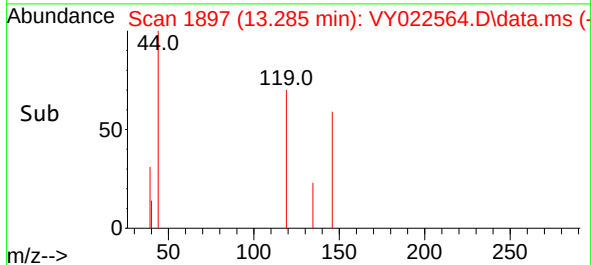
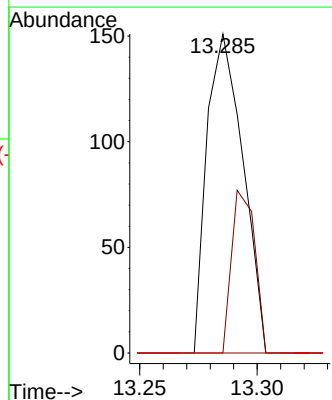
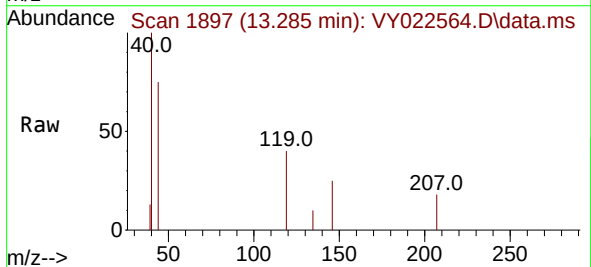
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

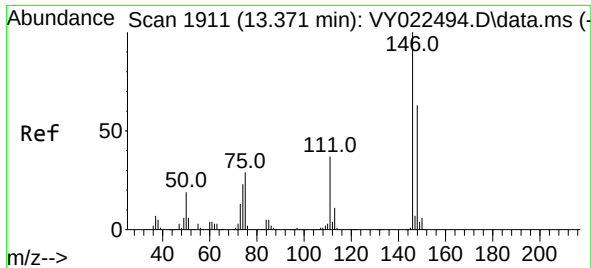
Tgt Ion:119 Resp: 217
Ion Ratio Lower Upper
119 100
134 10.1 13.1 39.1#
91 0.0 11.6 34.8#



#87
1,3-Dichlorobenzene
Concen: 5.029 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion:146 Resp: 161
Ion Ratio Lower Upper
146 100
111 32.9 20.1 60.2
148 0.0 32.1 96.3#

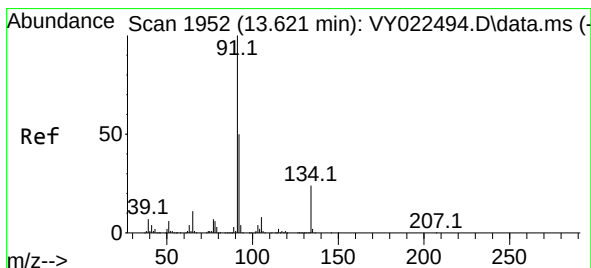
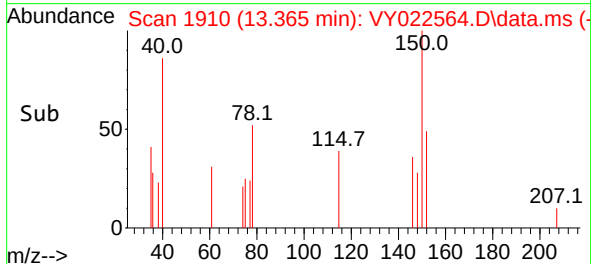
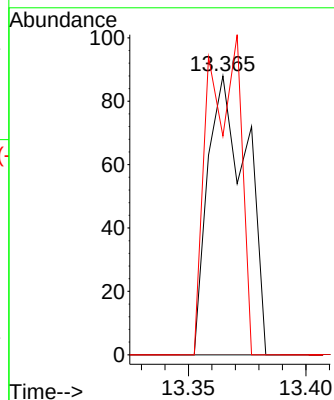
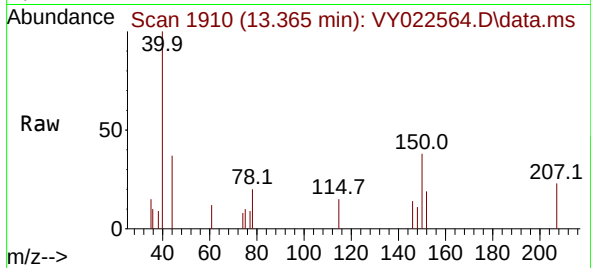




#88
 1,4-Dichlorobenzene
 Concen: 3.253 ug/l
 RT: 13.365 min Scan# 1911
 Delta R.T. -0.006 min
 Lab File: VY022564.D
 Acq: 05 Jun 2025 11:12

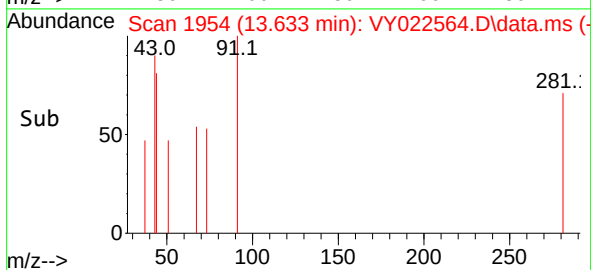
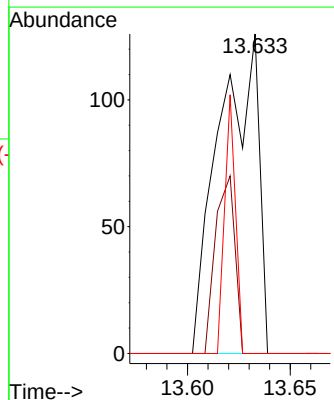
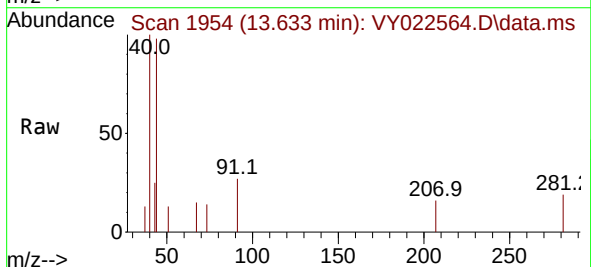
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-343RE

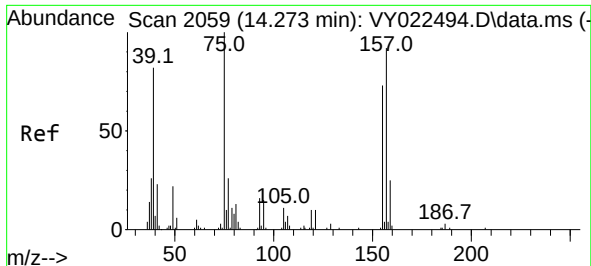
Tgt Ion:146 Resp: 101
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.4 58.2#
 148 96.0 31.6 94.8#



#89
 n-Butylbenzene
 Concen: 2.659 ug/l
 RT: 13.633 min Scan# 1954
 Delta R.T. 0.012 min
 Lab File: VY022564.D
 Acq: 05 Jun 2025 11:12

Tgt Ion: 91 Resp: 168
 Ion Ratio Lower Upper
 91 100
 92 27.4 25.9 77.8
 134 22.0 12.0 36.1

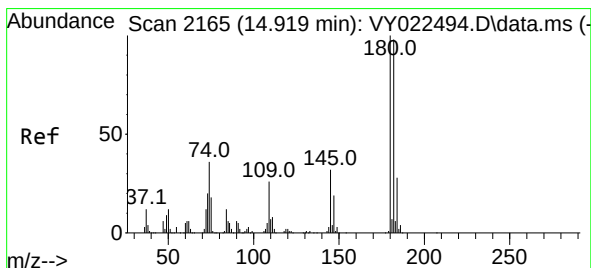
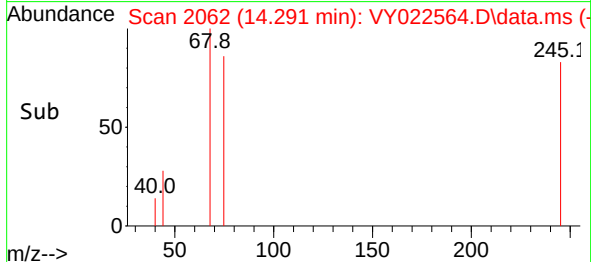
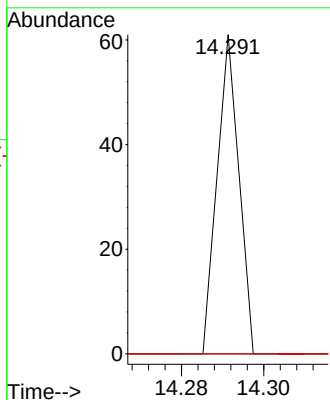
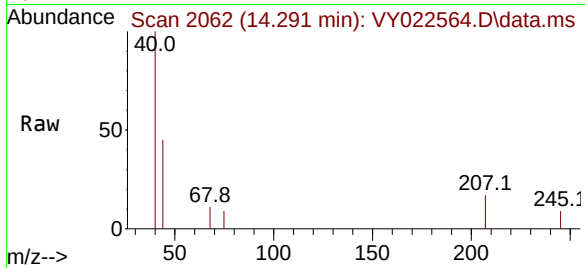




#92
1,2-Dibromo-3-Chloropropane
Concen: 12.296 ug/l
RT: 14.291 min Scan# 2059
Delta R.T. 0.018 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

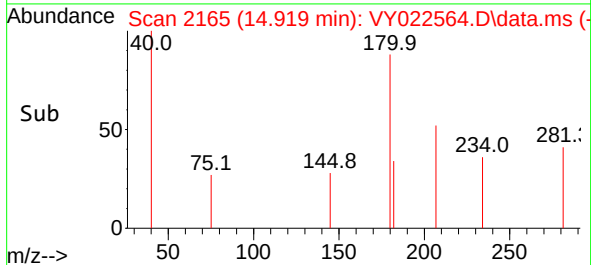
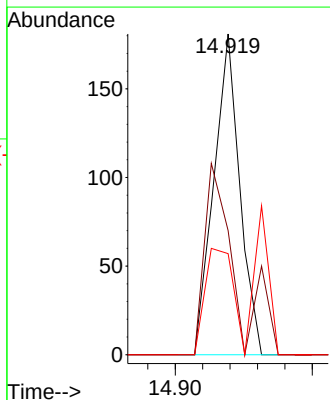
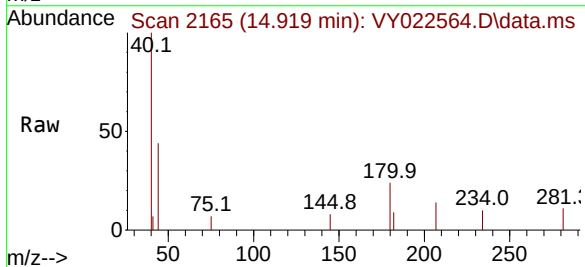
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-343RE

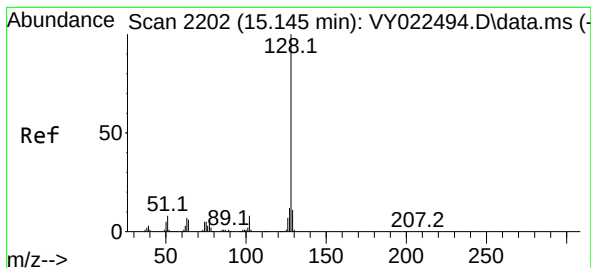
Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
155 0.0 39.9 119.6#
157 0.0 54.0 162.0#



#93
1,2,4-Trichlorobenzene
Concen: 7.960 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022564.D
Acq: 05 Jun 2025 11:12

Tgt Ion:180 Resp: 118
Ion Ratio Lower Upper
180 100
182 70.3 48.4 145.3
145 36.4 15.5 46.5





#95

Naphthalene

Concen: 9.597 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022564.D

Acq: 05 Jun 2025 11:12

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-343RE

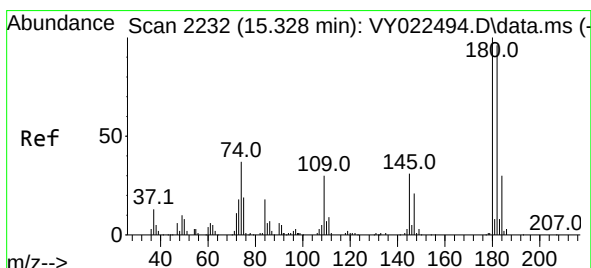
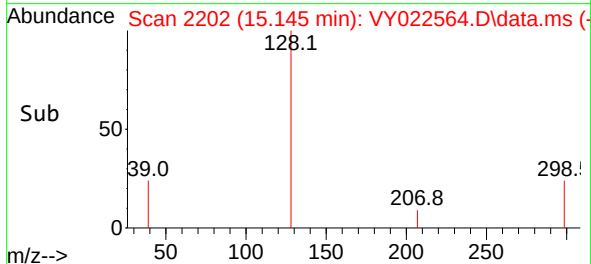
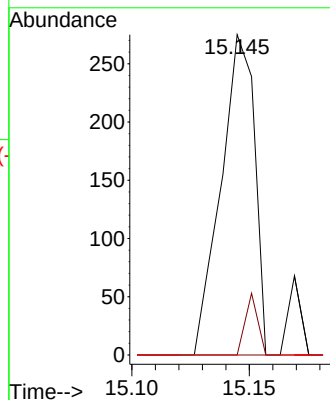
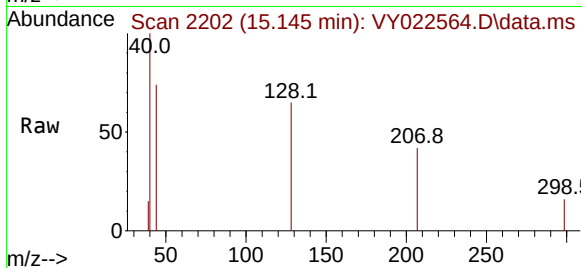
Tgt Ion:128 Resp: 273

Ion Ratio Lower Upper

128 100

127 7.0 10.4 15.6#

129 0.0 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 12.515 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022564.D

Acq: 05 Jun 2025 11:12

Tgt Ion:180 Resp: 159

Ion Ratio Lower Upper

180 100

182 35.8 47.1 141.3#

145 12.6 15.2 45.6#

