

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021800.D
 Acq On : 07 Apr 2025 15:56
 Operator : SY/MD
 Sample : Q1733-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-328

Quant Time: Apr 08 03:34:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

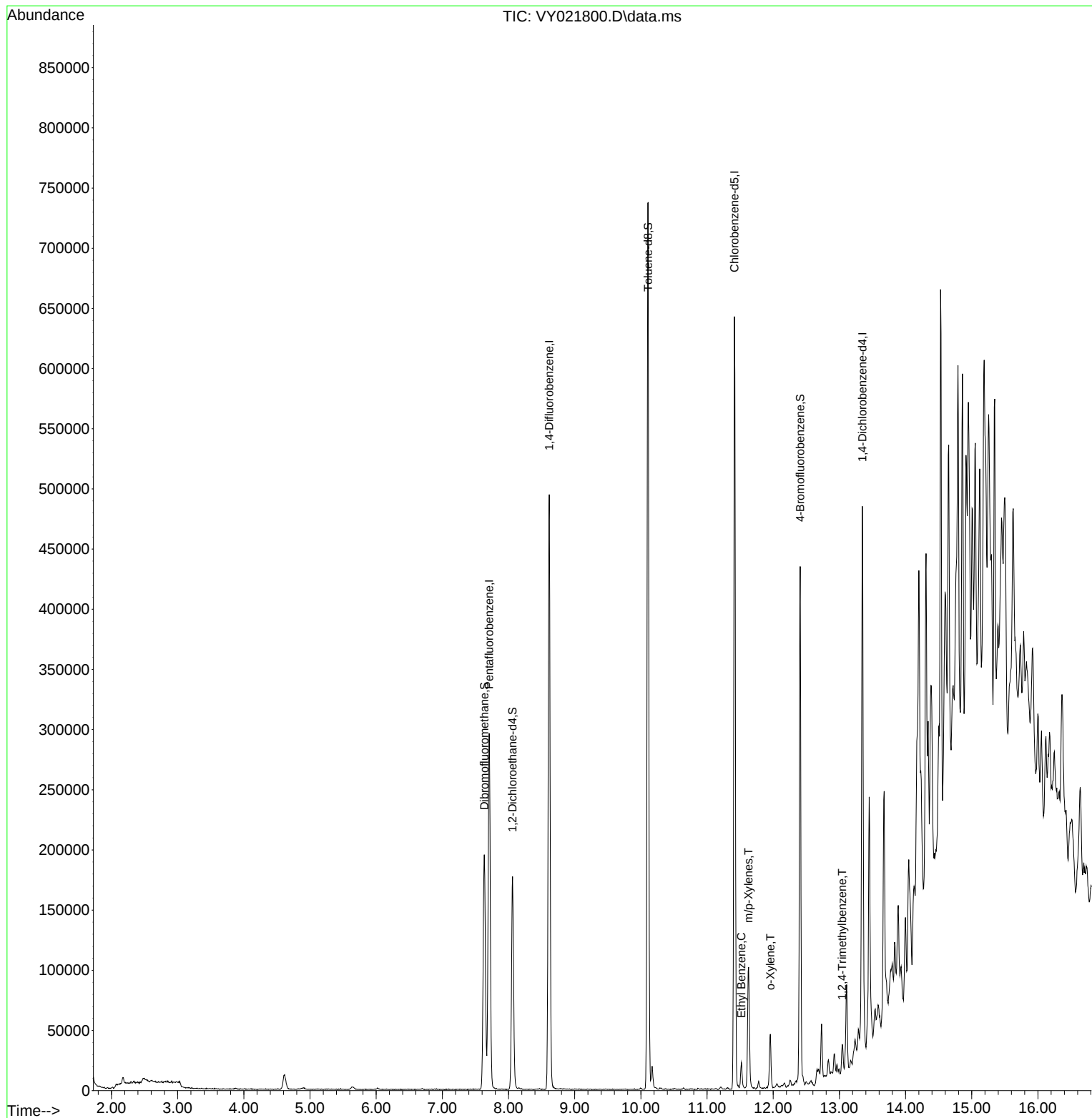
Internal Standards						
1) Pentafluorobenzene	7.707	168	222950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	405904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	324448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	109282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135217	55.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.960%
35) Dibromofluoromethane	7.634	113	139226	52.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.760%
50) Toluene-d8	10.109	98	476775	47.597	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.408	95	127393	37.599	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.200%
Target Compounds						
						Qvalue
67) Ethyl Benzene	11.518	91	13587	1.065	ug/l	100
68) m/p-Xylenes	11.627	106	29631	6.067	ug/l	97
69) o-Xylene	11.957	106	11082	2.458	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	11745	1.791	ug/l	97

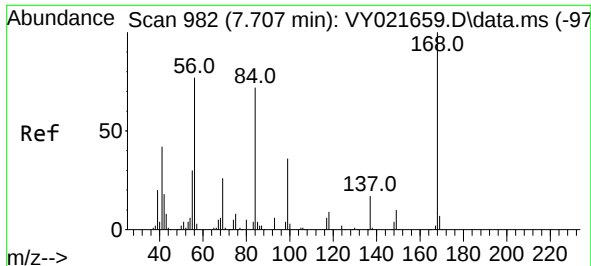
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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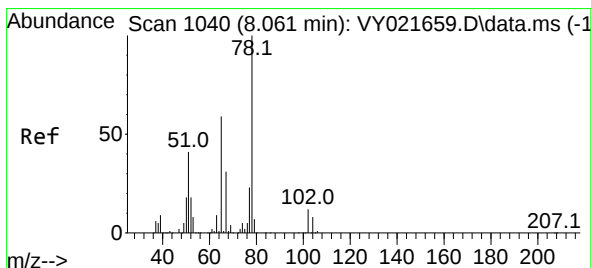
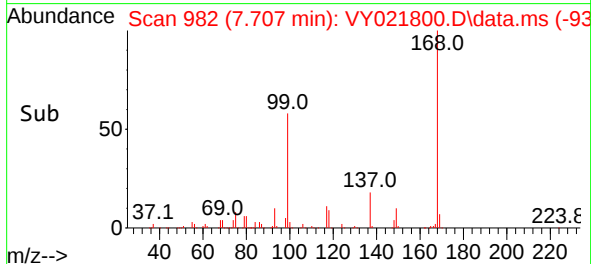
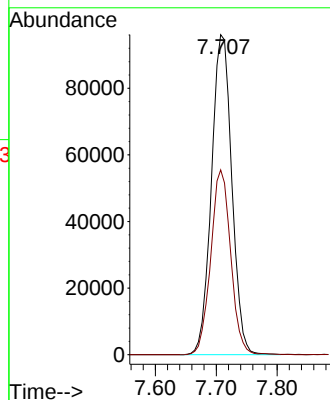
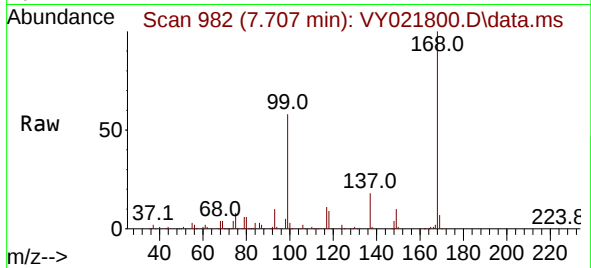




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021800.D
Acq: 07 Apr 2025 15:56

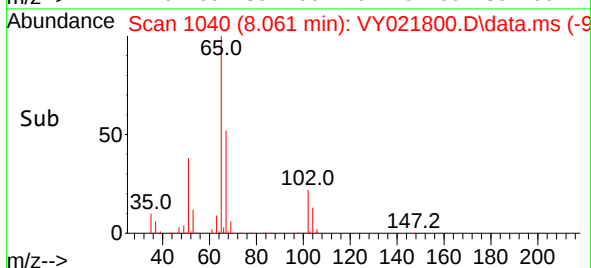
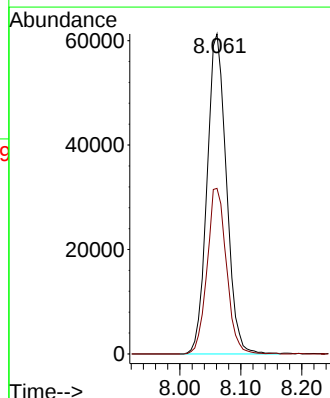
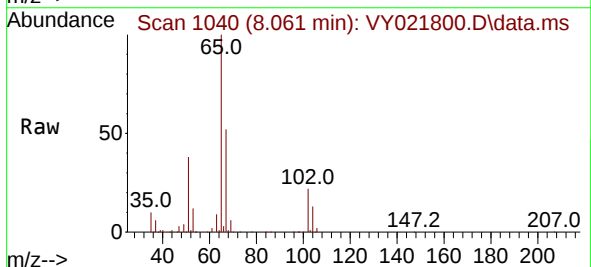
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-328

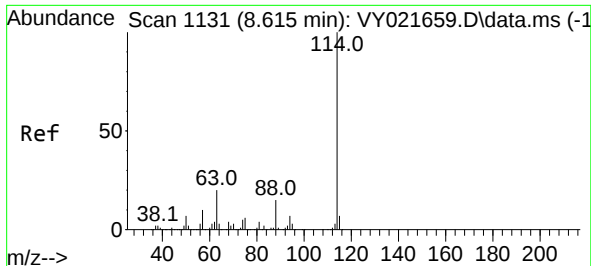
Tgt Ion:168 Resp: 222950
Ion Ratio Lower Upper
168 100
99 57.7 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 55.977 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021800.D
Acq: 07 Apr 2025 15:56

Tgt Ion: 65 Resp: 135217
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021800.D

Acq: 07 Apr 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-328

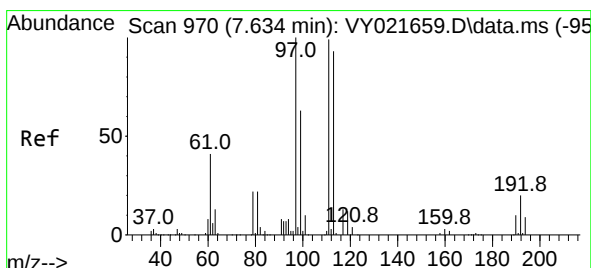
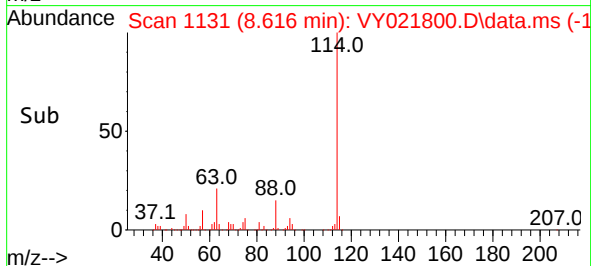
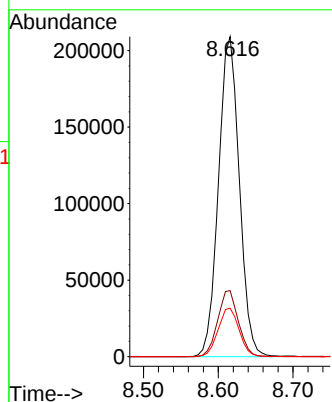
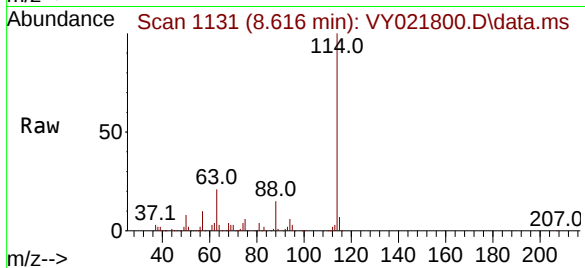
Tgt Ion:114 Resp: 405904

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.2 0.0 29.8



#35

Dibromofluoromethane

Concen: 52.877 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021800.D

Acq: 07 Apr 2025 15:56

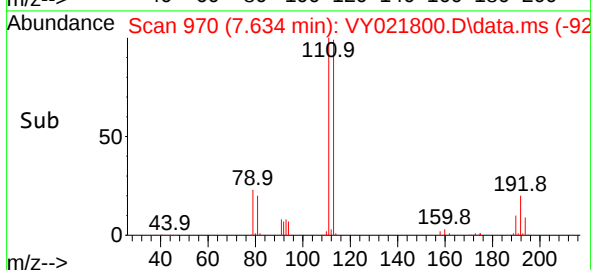
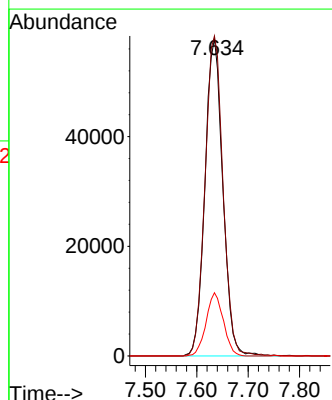
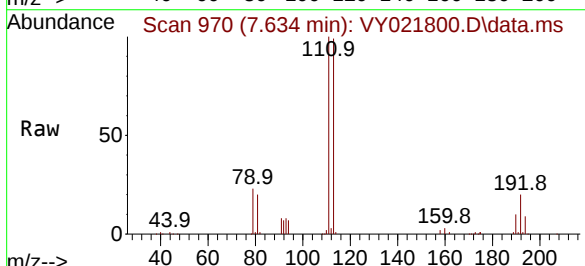
Tgt Ion:113 Resp: 139226

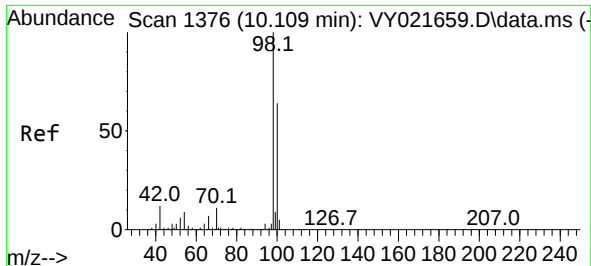
Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 19.3 16.2 24.4

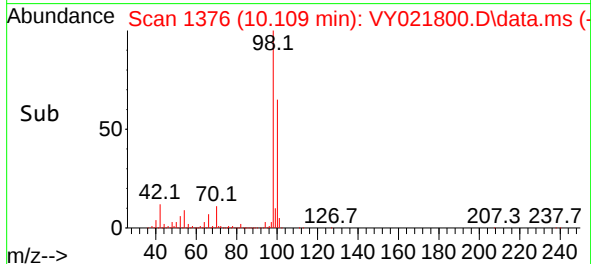
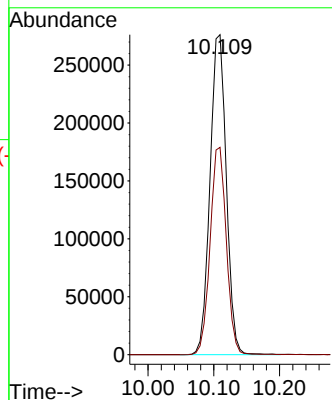
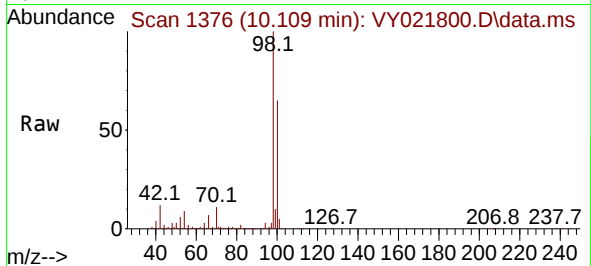




#50
Toluene-d8
Concen: 47.597 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021800.D
Acq: 07 Apr 2025 15:56

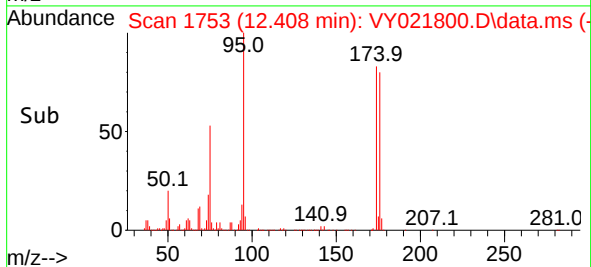
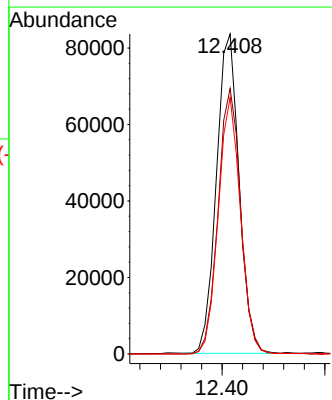
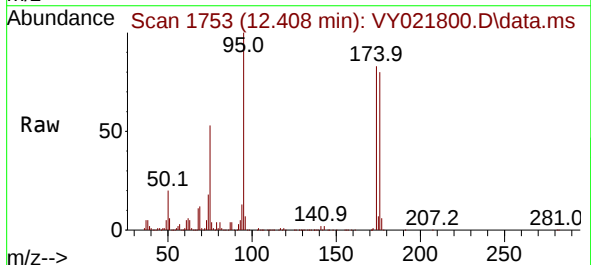
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-328

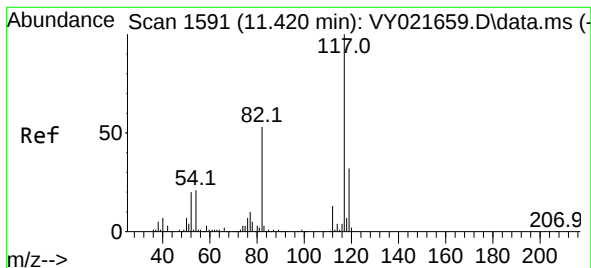
Tgt Ion: 98 Resp: 476775
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.599 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021800.D
Acq: 07 Apr 2025 15:56

Tgt Ion: 95 Resp: 127393
Ion Ratio Lower Upper
95 100
174 83.3 0.0 170.8
176 78.8 0.0 162.0

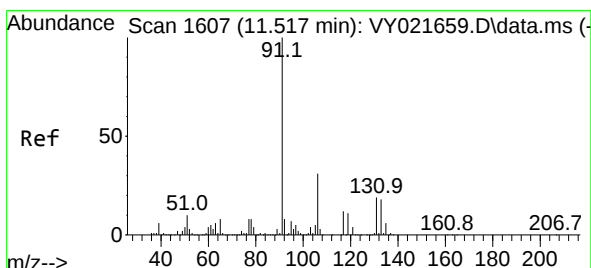
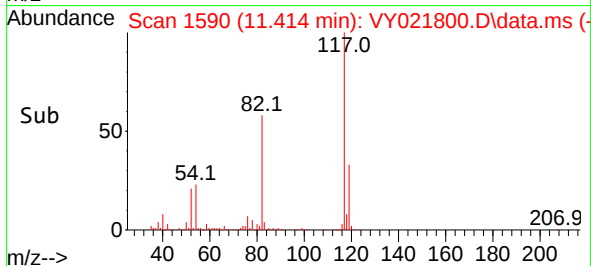
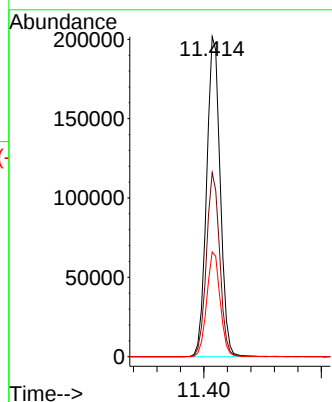
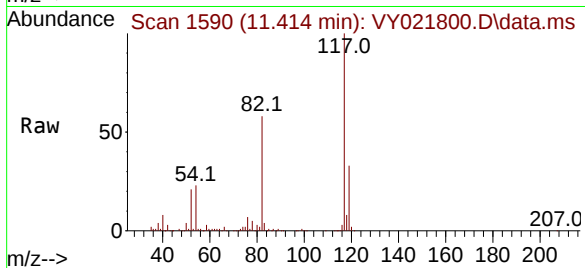




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021800.D
Acq: 07 Apr 2025 15:56

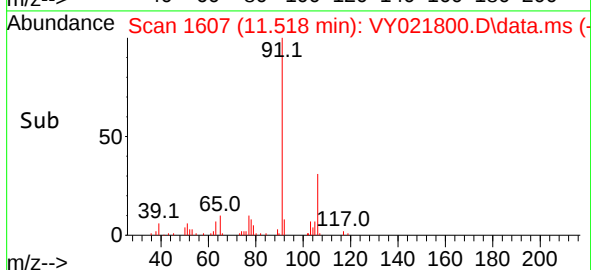
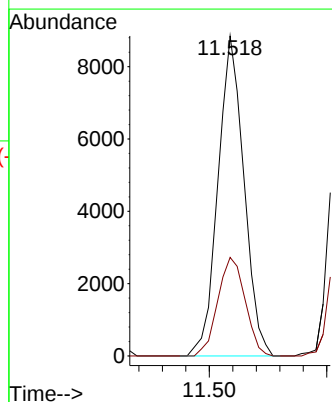
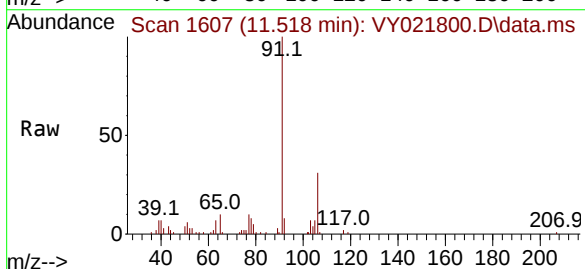
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-328

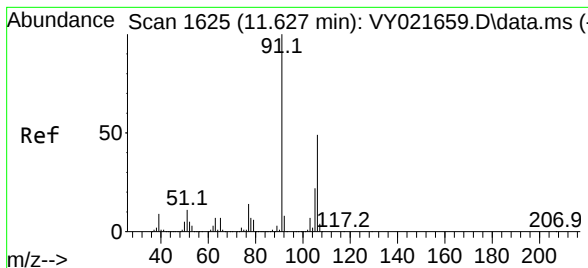
Tgt Ion:117 Resp: 324448
Ion Ratio Lower Upper
117 100
82 57.5 42.8 64.2
119 32.8 25.7 38.5



#67
Ethyl Benzene
Concen: 1.065 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021800.D
Acq: 07 Apr 2025 15:56

Tgt Ion: 91 Resp: 13587
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8

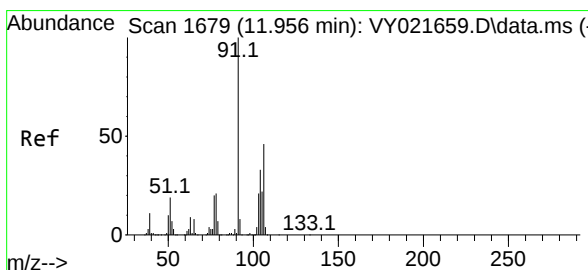
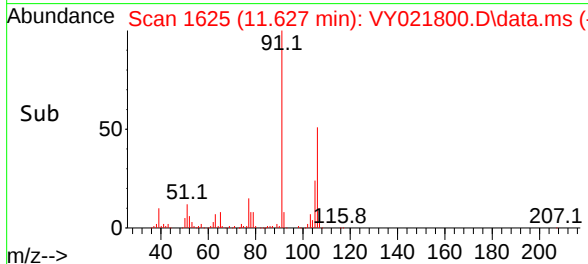
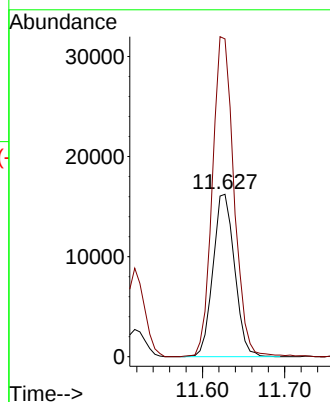
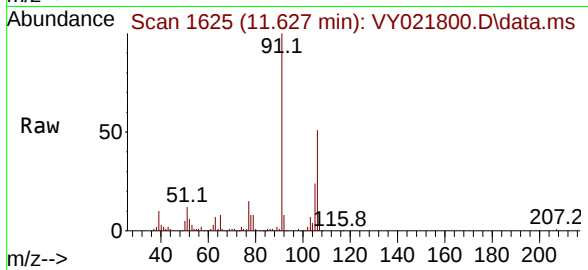




#68
m/p-Xylenes
Concen: 6.067 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021800.D
Acq: 07 Apr 2025 15:56

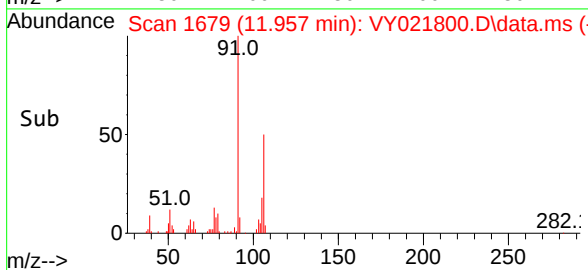
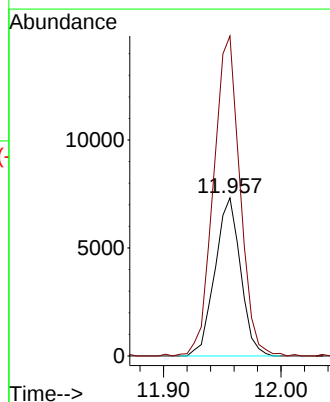
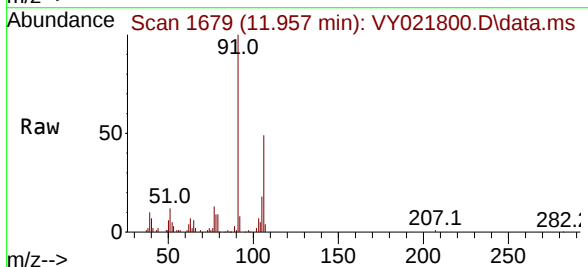
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-328

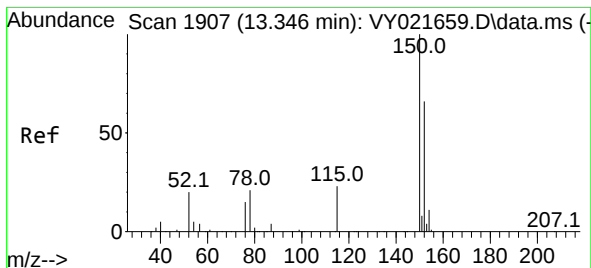
Tgt Ion:106 Resp: 29631
Ion Ratio Lower Upper
106 100
91 197.9 162.4 243.6



#69
o-Xylene
Concen: 2.458 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021800.D
Acq: 07 Apr 2025 15:56

Tgt Ion:106 Resp: 11082
Ion Ratio Lower Upper
106 100
91 209.5 106.7 319.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021800.D

Acq: 07 Apr 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-328

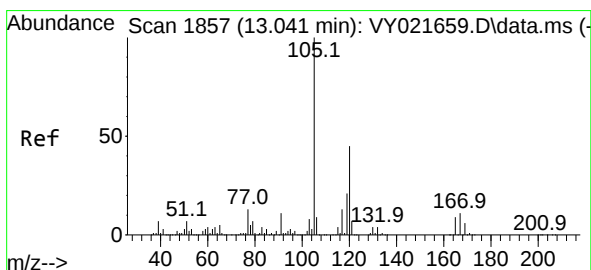
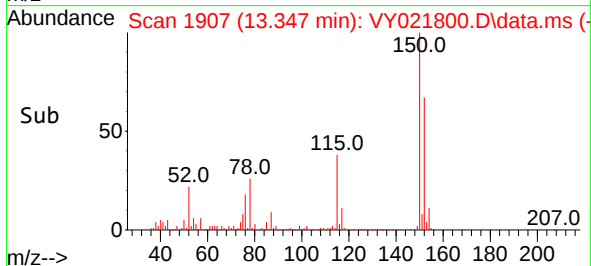
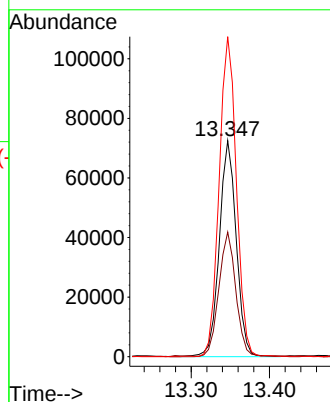
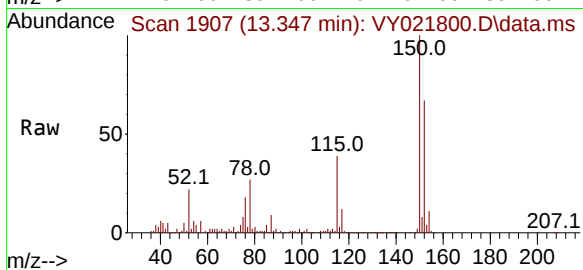
Tgt Ion:152 Resp: 109282

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 150.5 0.0 348.4



#84

1,2,4-Trimethylbenzene

Concen: 1.791 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021800.D

Acq: 07 Apr 2025 15:56

Tgt Ion:105 Resp: 11745

Ion Ratio Lower Upper

105 100

120 47.6 22.7 68.1

