

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
 Data File : VY023972.D
 Acq On : 15 Dec 2025 13:26
 Operator : SY/MD
 Sample : Q3854-01RE
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-360RE

Quant Time: Dec 16 02:14:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

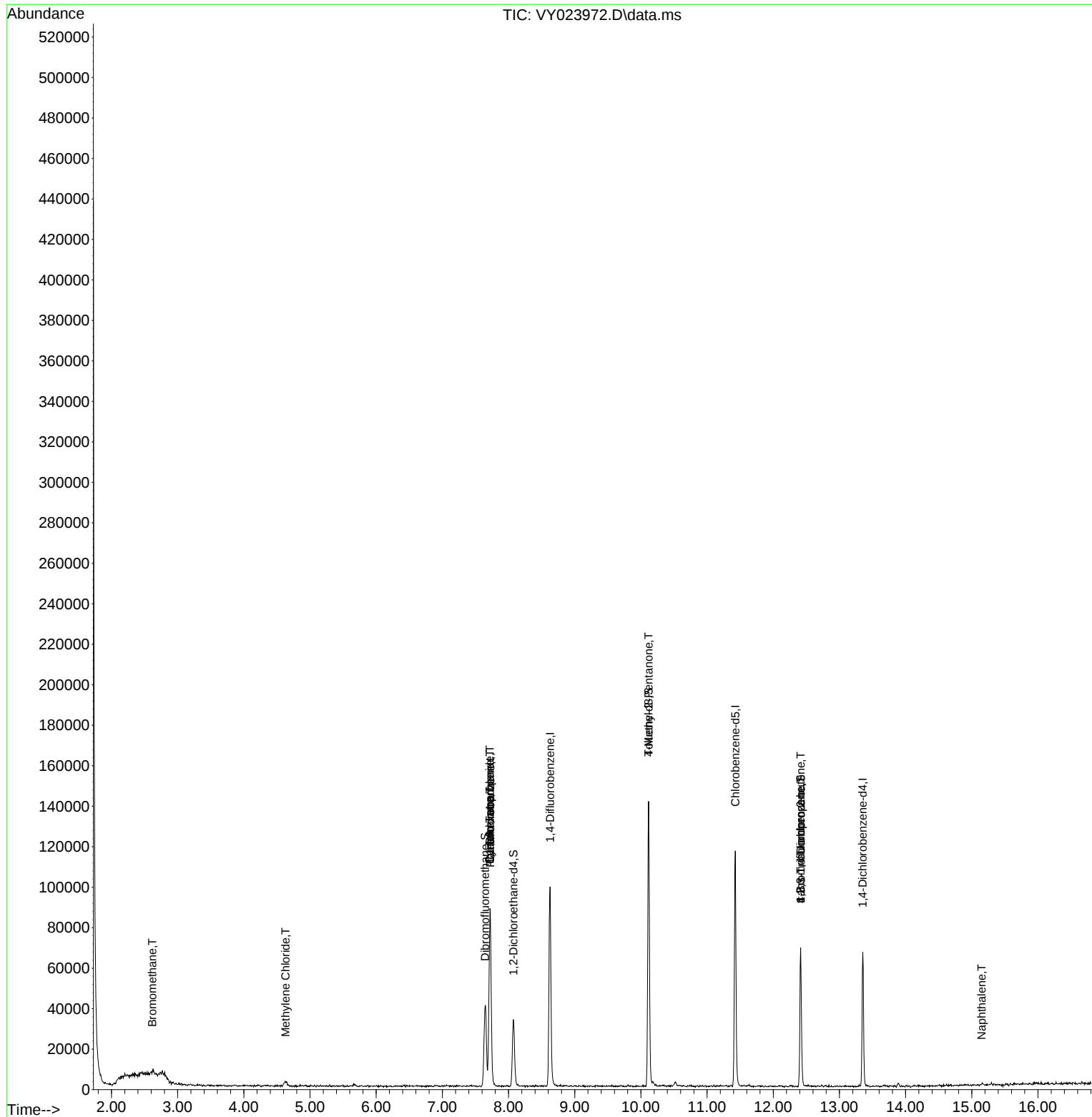
Internal Standards						
1) Pentafluorobenzene	7.725	168	76197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	92509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	68149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	18148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	26097	38.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.480%
35) Dibromofluoromethane	7.646	113	30212	49.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.115	98	98768	43.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.740%
62) 4-Bromofluorobenzene	12.414	95	20281	26.974	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.940%
Target Compounds						
					Qvalue	
5) Bromomethane	2.617	94	1423	1.993	ug/l #	33
16) Acetone	3.879	43	279	Below Cal	#	42
20) Methylene Chloride	4.628	84	2118	2.672	ug/l #	82
31) Cyclohexane	7.719	56	1213	1.050	ug/l #	10
36) 1,1-Dichloropropene	7.719	75	5042	6.124	ug/l #	49
38) Carbon Tetrachloride	7.719	117	6742	6.756	ug/l #	18
51) 4-Methyl-2-Pentanone	10.115	43	458	1.369	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	10683	69.590	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	10683	158.404	ug/l #	12
95) Naphthalene	15.151	128	584	1.161	ug/l #	75

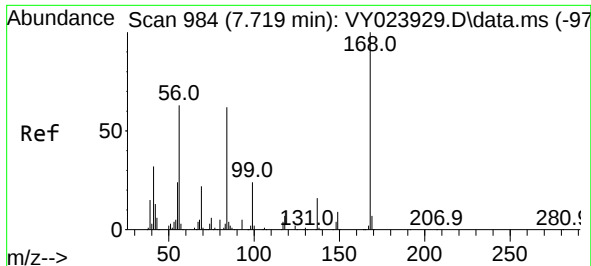
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
Data File : VY023972.D
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Misc : 4.66g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-360RE

Quant Time: Dec 16 02:14:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

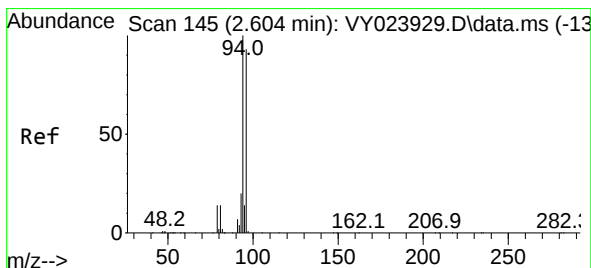
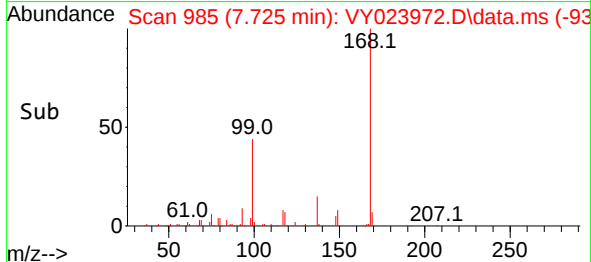
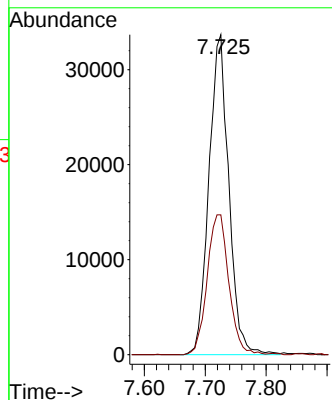
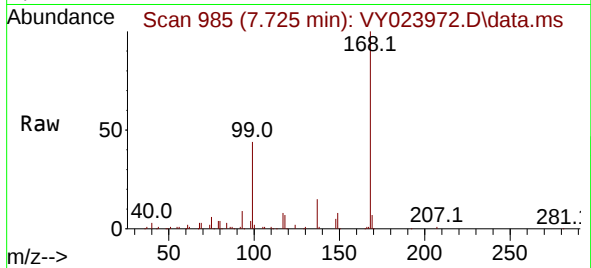




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

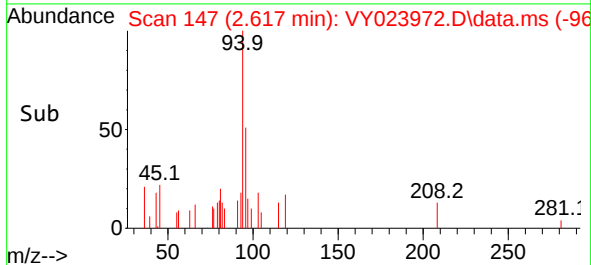
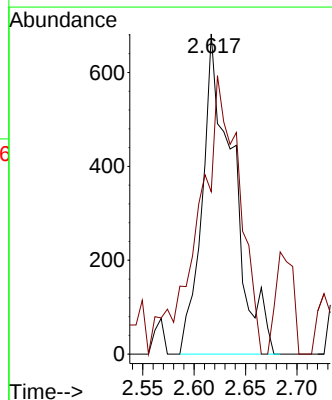
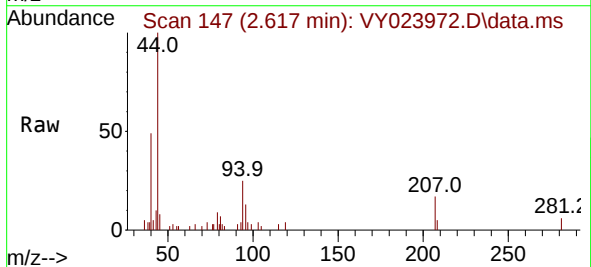
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-360RE

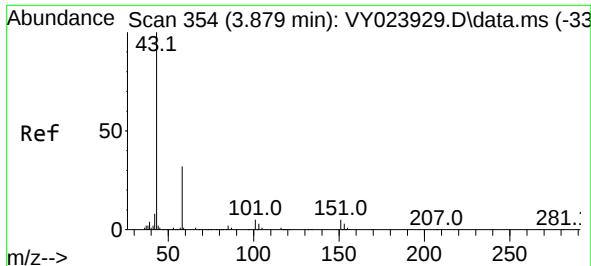
Tgt Ion:168 Resp: 76197
Ion Ratio Lower Upper
168 100
99 43.7 38.9 58.3



#5
Bromomethane
Concen: 1.993 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.012 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

Tgt Ion: 94 Resp: 1423
Ion Ratio Lower Upper
94 100
96 29.5 74.8 112.2#

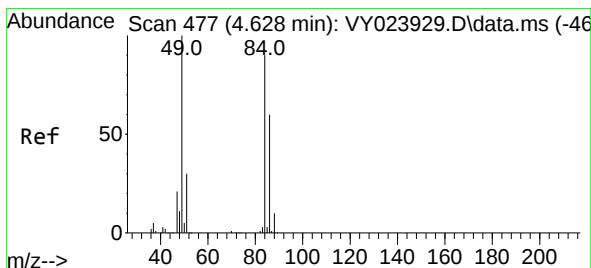
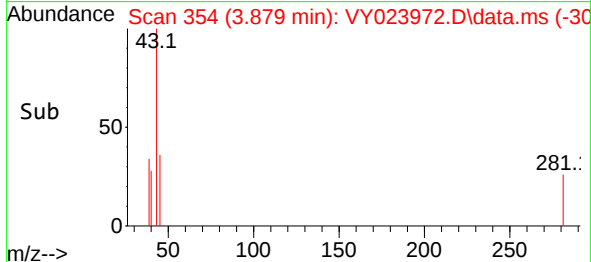
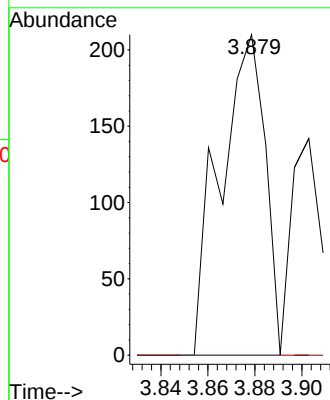
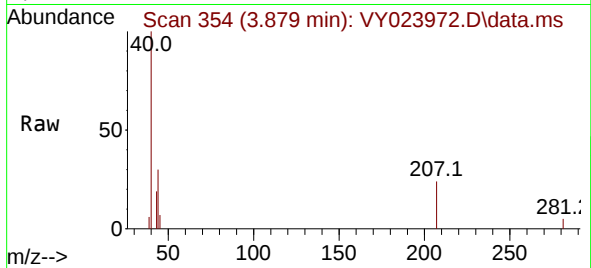




#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

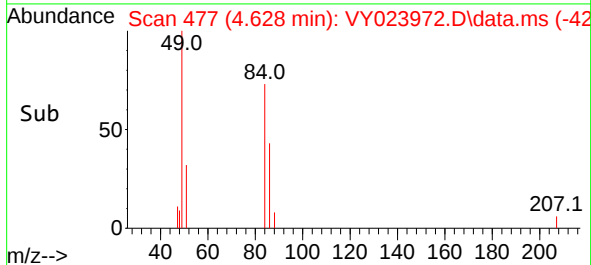
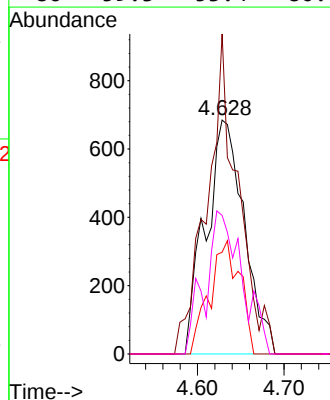
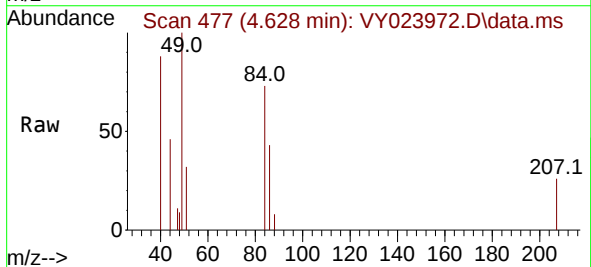
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-360RE

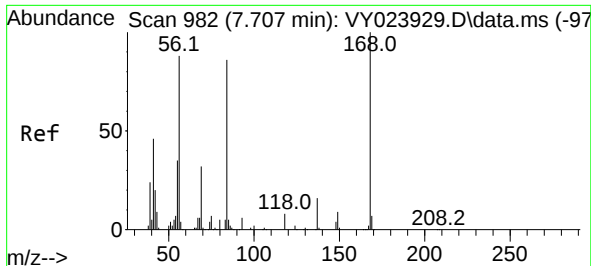
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 2.672 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

Tgt Ion: 84 Resp: 2118
Ion Ratio Lower Upper
84 100
49 136.8 89.1 133.7#
51 43.5 26.6 39.8#
86 59.3 53.4 80.0

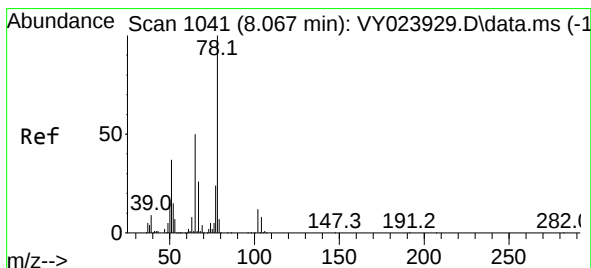
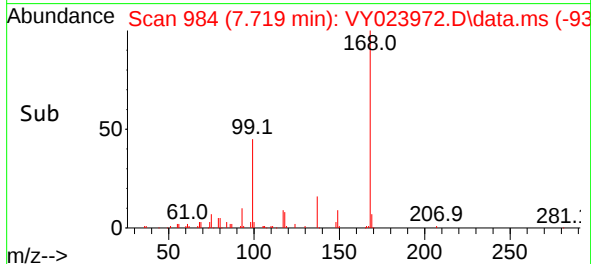
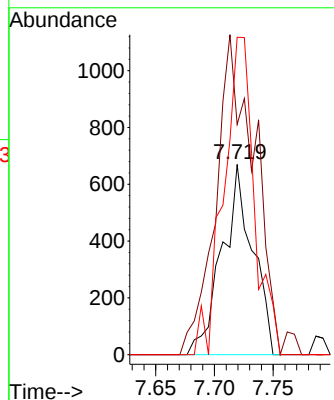
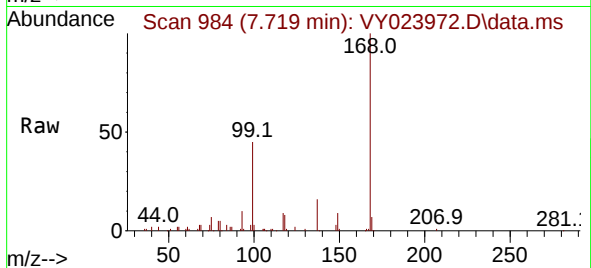




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

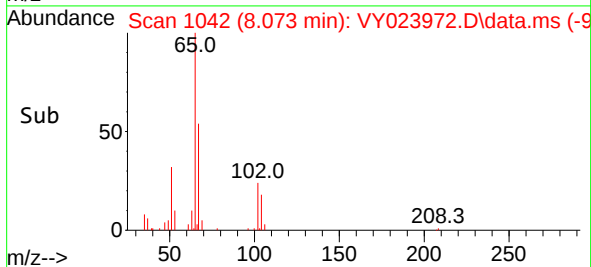
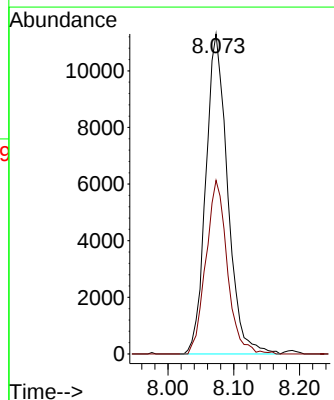
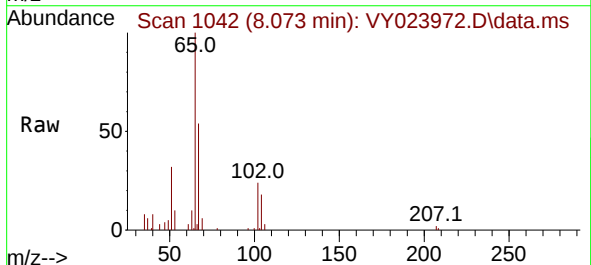
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-360RE

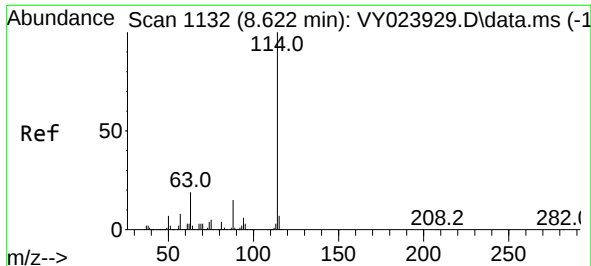
Tgt Ion: 56 Resp: 1213
Ion Ratio Lower Upper
56 100
69 121.0 29.1 43.7#
84 166.9 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 38.737 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

Tgt Ion: 65 Resp: 26097
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.2

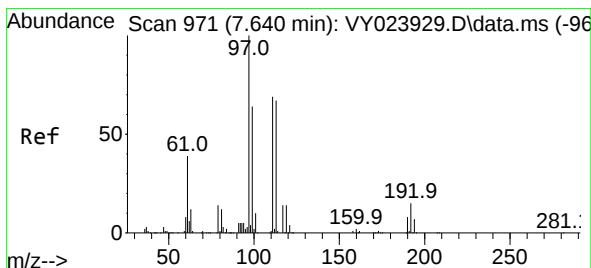
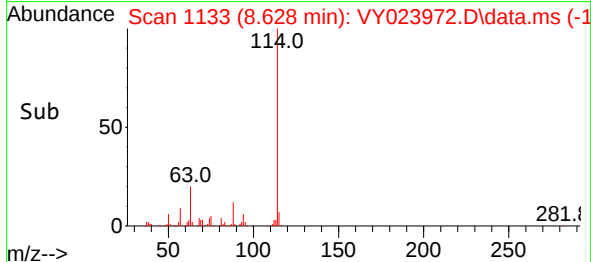
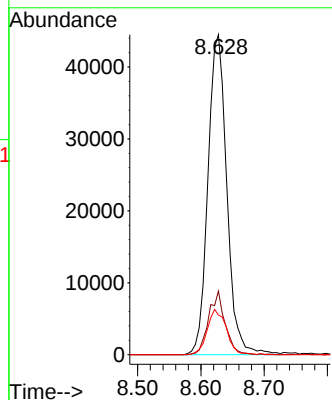
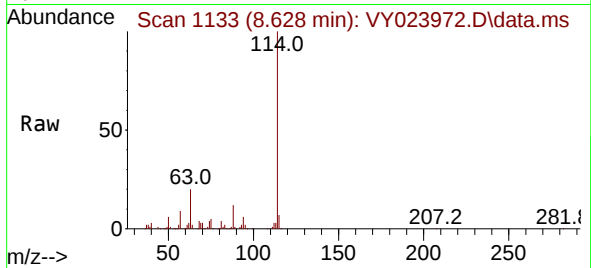




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

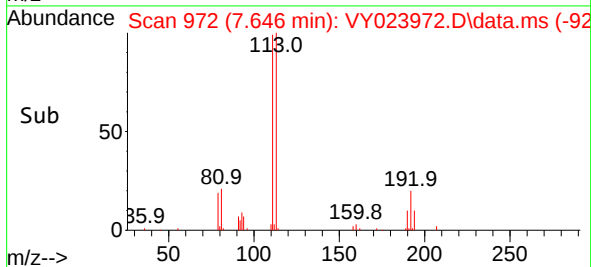
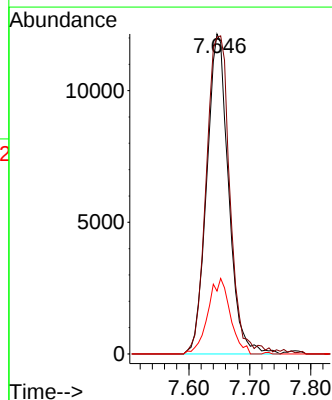
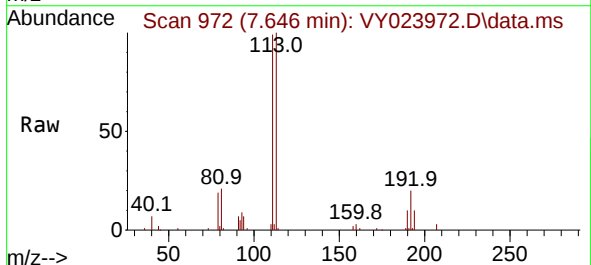
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-360RE

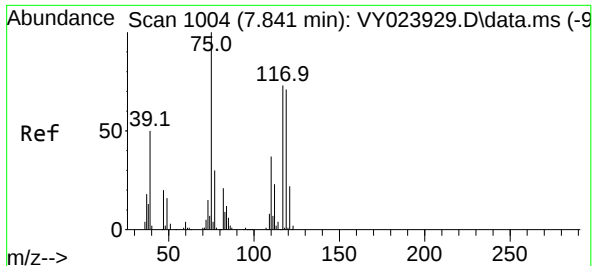
Tgt Ion:114 Resp: 92509
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.2
88 12.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.960 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

Tgt Ion:113 Resp: 30212
Ion Ratio Lower Upper
113 100
111 108.0 82.4 123.6
192 24.1 17.9 26.9





#36

1,1-Dichloropropene

Concen: 6.124 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY023972.D

Acq: 15 Dec 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-360RE

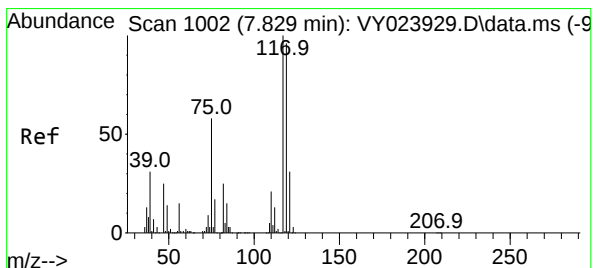
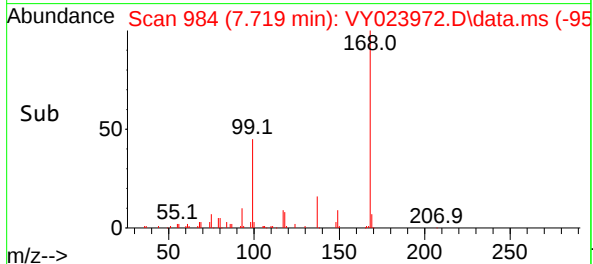
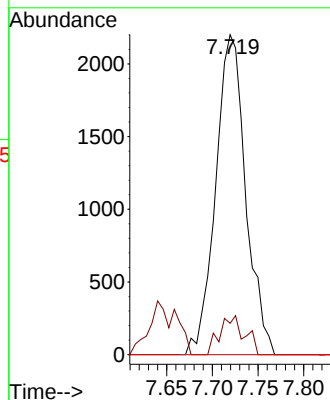
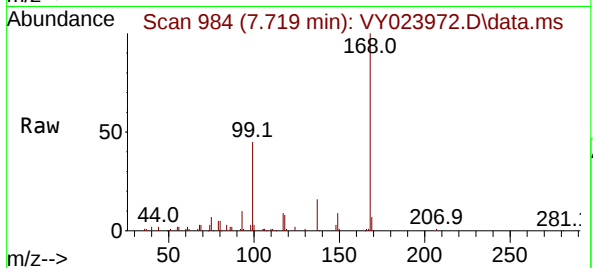
Tgt Ion: 75 Resp: 5042

Ion Ratio Lower Upper

75 100

110 10.0 19.2 57.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.756 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.110 min

Lab File: VY023972.D

Acq: 15 Dec 2025 13:26

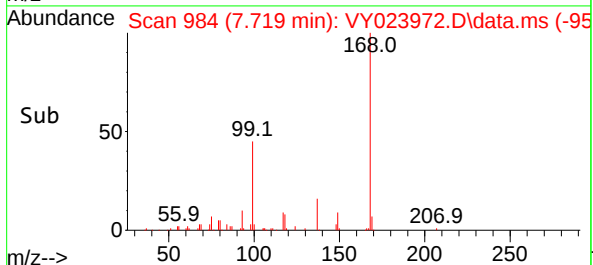
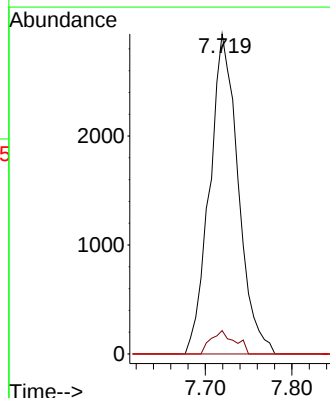
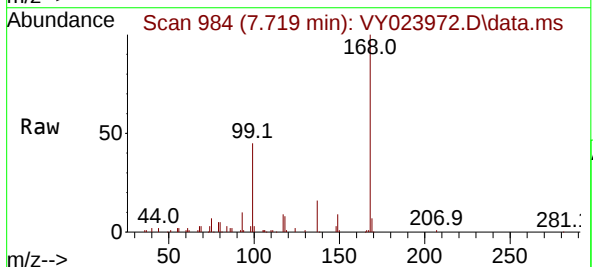
Tgt Ion: 117 Resp: 6742

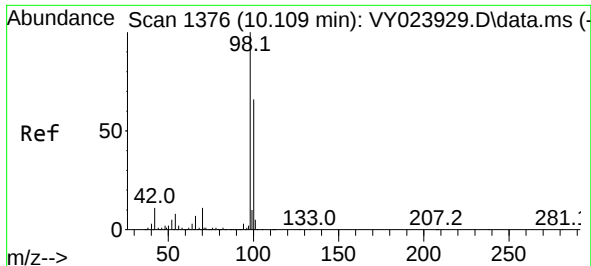
Ion Ratio Lower Upper

117 100

119 7.3 76.6 114.8#

121 0.0 24.8 37.2#

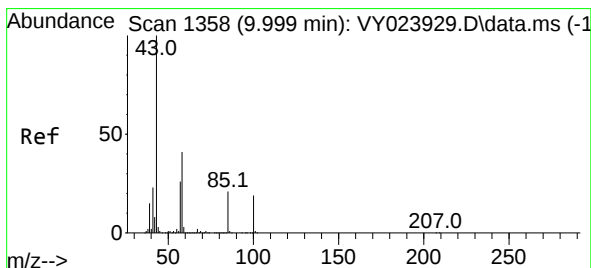
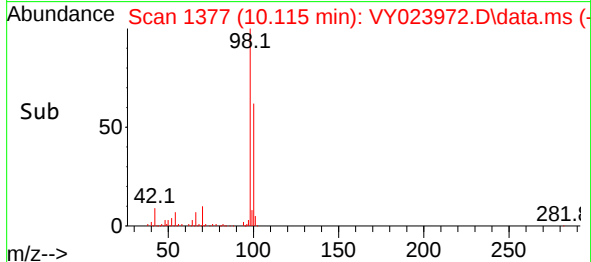
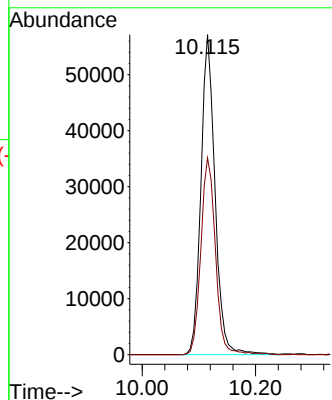
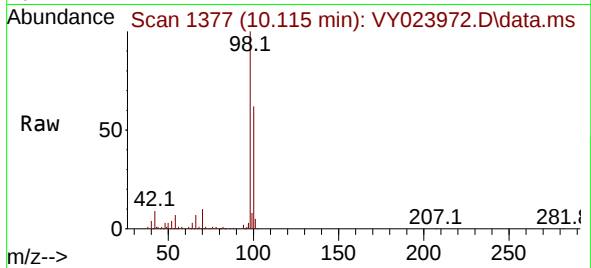




#50
Toluene-d8
Concen: 43.869 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

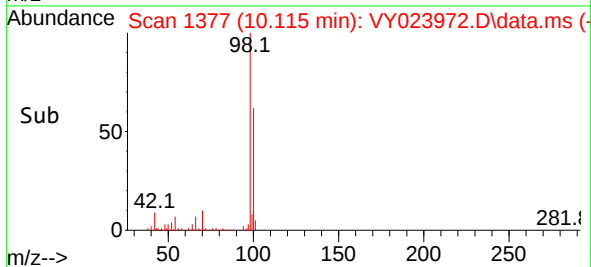
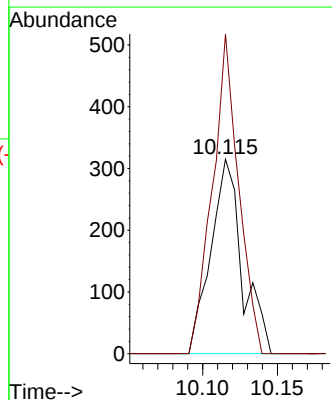
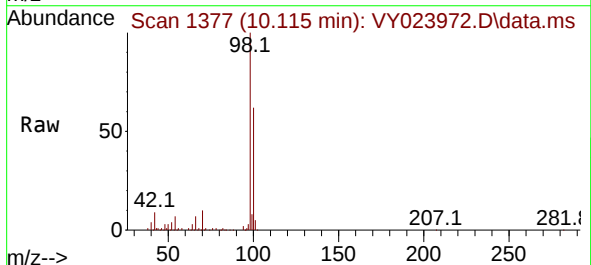
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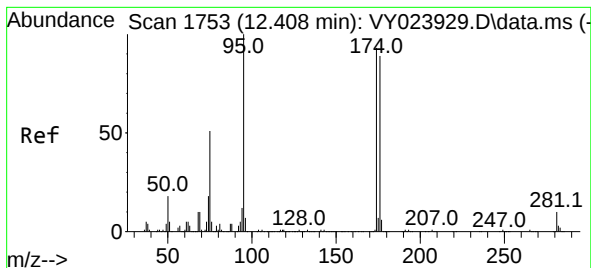
Tgt Ion: 98 Resp: 98768
Ion Ratio Lower Upper
98 100
100 63.6 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 1.369 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.116 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 138.0 33.1 49.7#

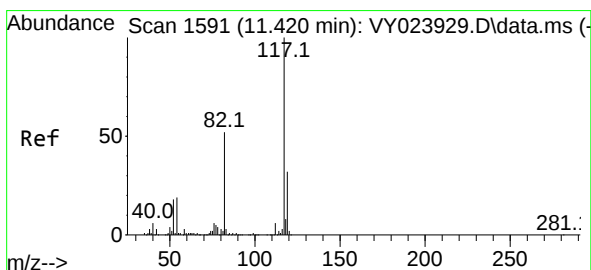
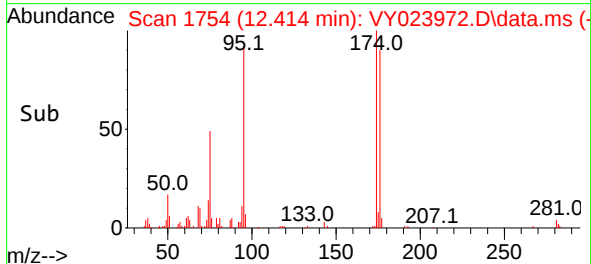
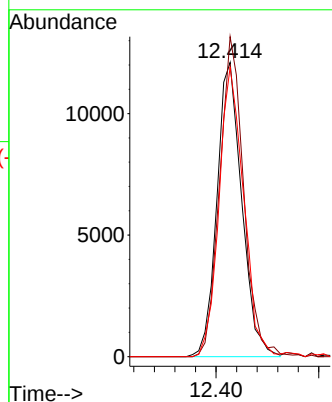
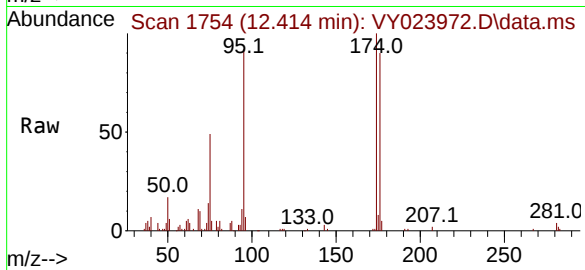




#62
4-Bromofluorobenzene
Concen: 26.974 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

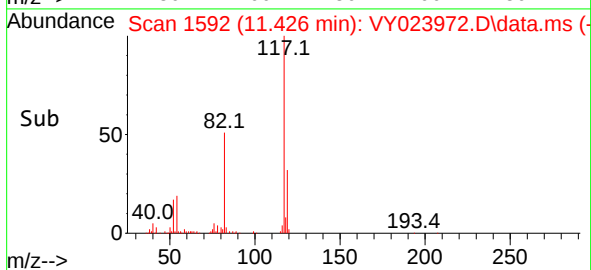
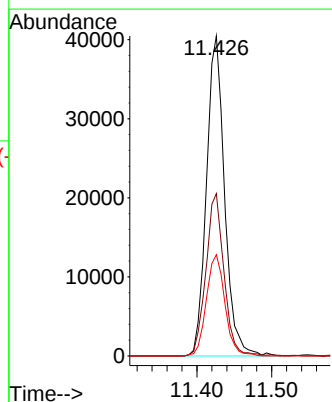
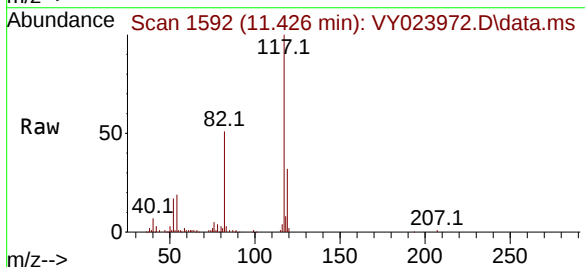
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-360RE

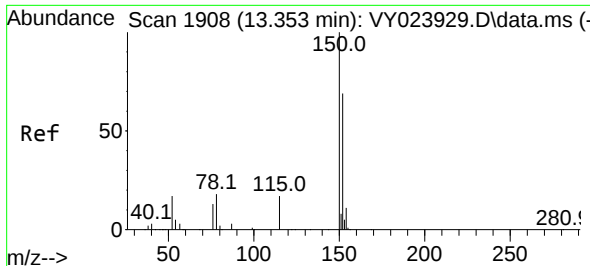
Tgt Ion: 95 Resp: 20281
Ion Ratio Lower Upper
95 100
174 105.6 0.0 187.4
176 97.5 0.0 179.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

Tgt Ion: 117 Resp: 68149
Ion Ratio Lower Upper
117 100
82 50.7 41.4 62.2
119 31.7 25.5 38.3

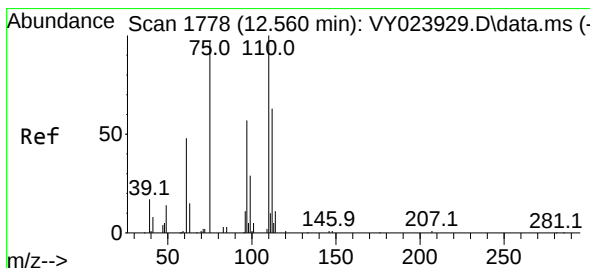
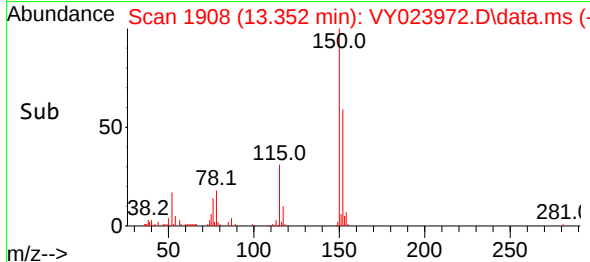
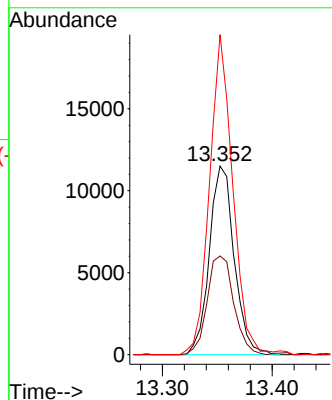
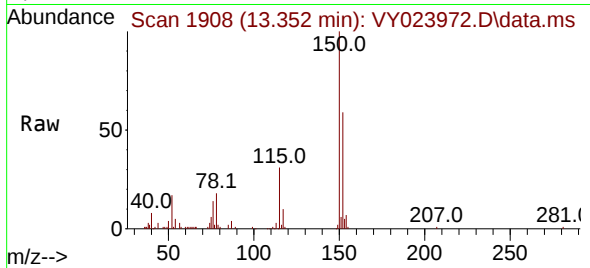




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY023972.D
 Acq: 15 Dec 2025 13:26

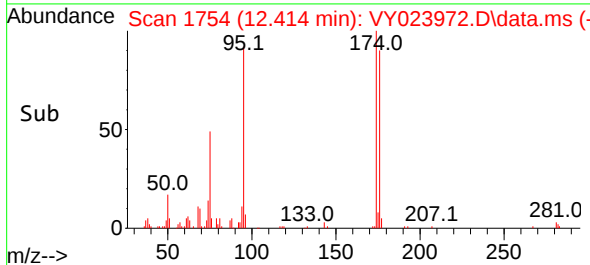
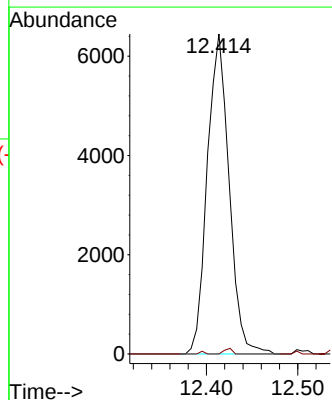
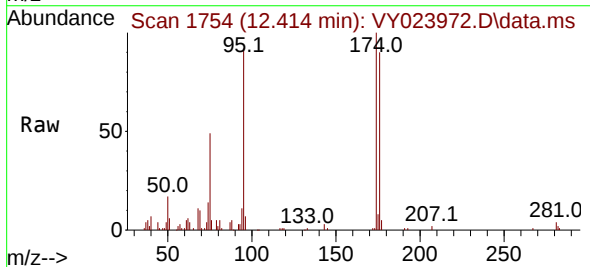
Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-360RE

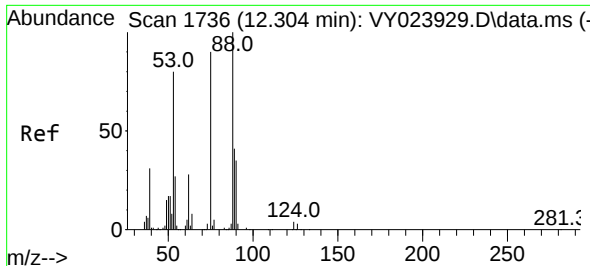
Tgt Ion:152 Resp: 18148
 Ion Ratio Lower Upper
 152 100
 115 55.7 27.3 81.9
 150 158.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 69.590 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.146 min
 Lab File: VY023972.D
 Acq: 15 Dec 2025 13:26

Tgt Ion: 75 Resp: 10683
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#

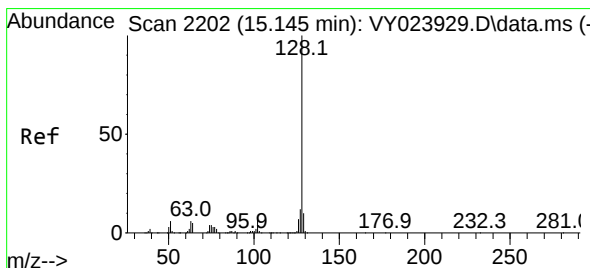
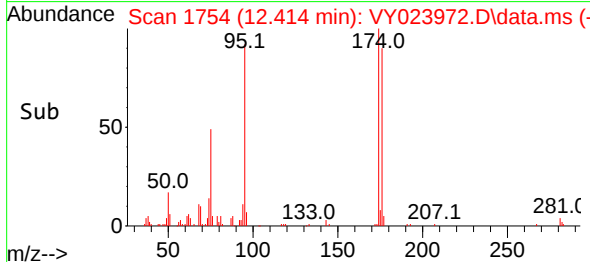
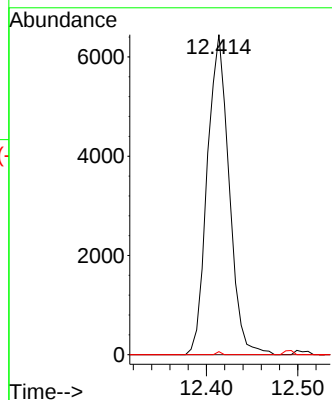
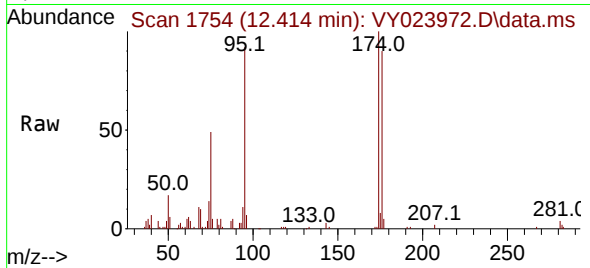




#81
trans-1,4-Dichloro-2-butene
Concen: 158.404 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.110 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-360RE

Tgt Ion: 75 Resp: 10683
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.2 38.9 58.3#



#95
Naphthalene
Concen: 1.161 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY023972.D
Acq: 15 Dec 2025 13:26

Tgt Ion: 128 Resp: 584
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 4.5 8.6 12.8#

