

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021976.D
 Acq On : 23 Apr 2025 17:00
 Operator : SY/MD
 Sample : Q1852-05
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-278

Quant Time: Apr 24 03:47:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

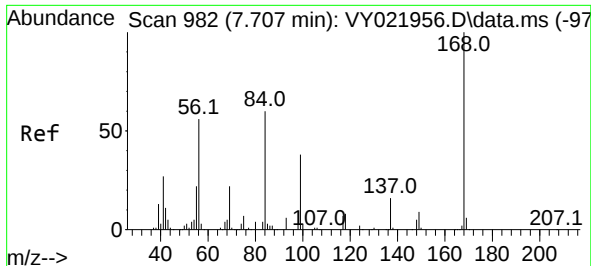
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	305658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	585184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	513428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	194449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150015	53.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.260%
35) Dibromofluoromethane	7.634	113	192788	49.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.103	98	702172	48.177	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.401	95	191306	38.990	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.980%
Target Compounds						
16) Acetone	3.885	43	531	Below Cal	Qvalue	96
31) Cyclohexane	7.713	56	6048	1.296 ug/l	#	11
36) 1,1-Dichloropropene	7.707	75	22808	4.392 ug/l	#	48
38) Carbon Tetrachloride	7.707	117	31777	5.121 ug/l	#	17
51) 4-Methyl-2-Pentanone	10.103	43	2438	1.298 ug/l	#	1
76) 1,2,3-Trichloropropane	12.407	75	94115	56.507 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.407	75	94115	136.077 ug/l	#	16

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

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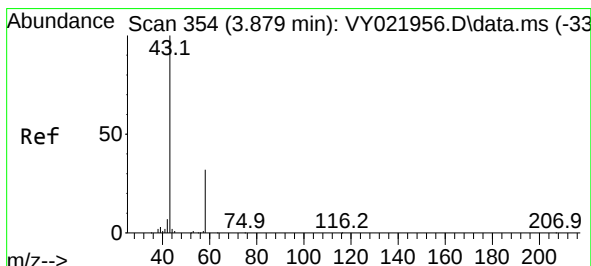
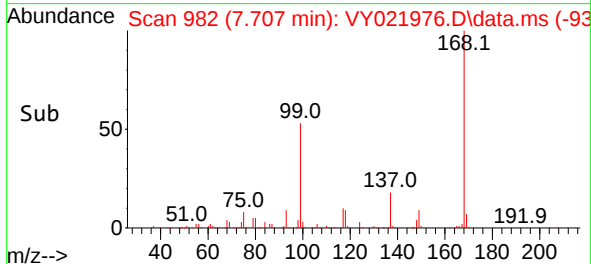
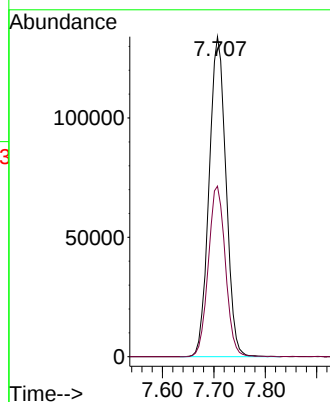
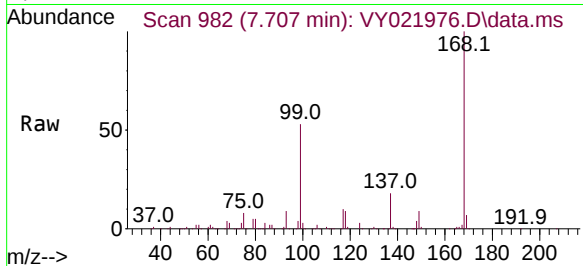




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

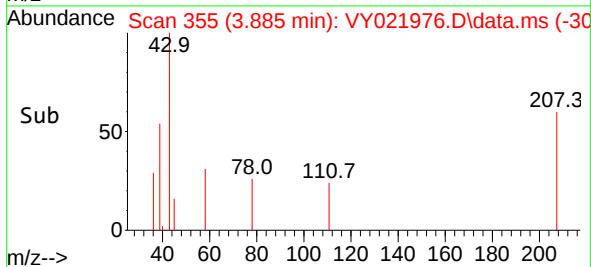
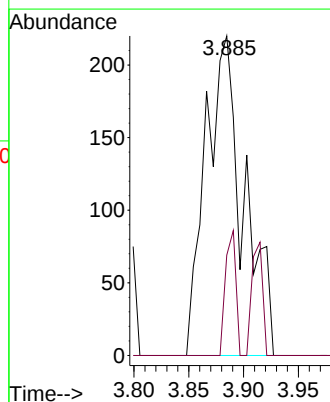
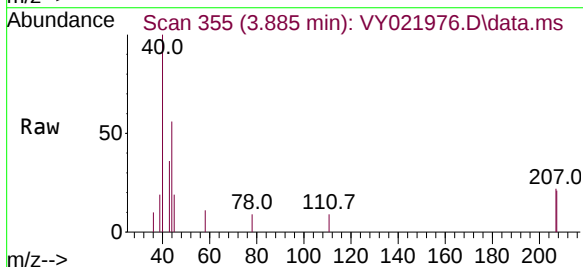
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-278

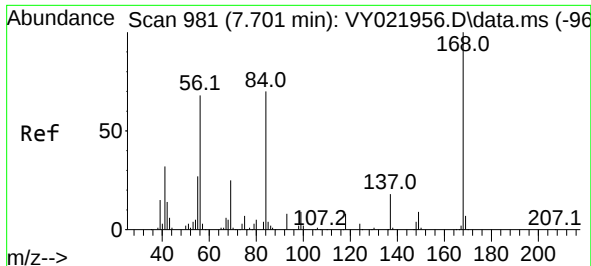
Tgt Ion:168 Resp: 305658
Ion Ratio Lower Upper
168 100
99 53.3 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
58 31.4 27.0 40.4

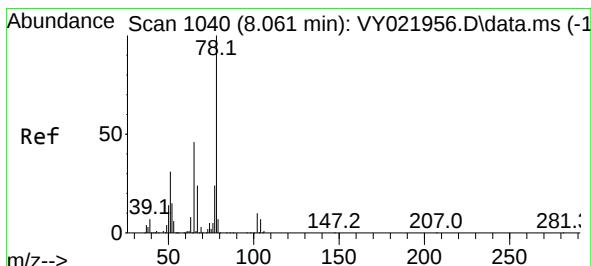
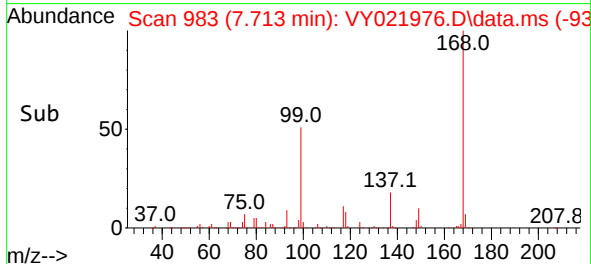
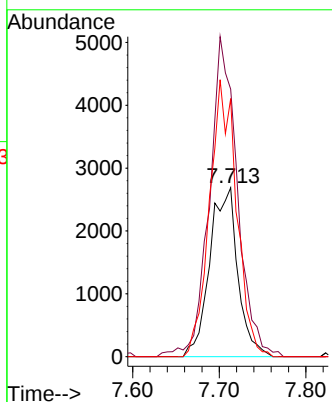
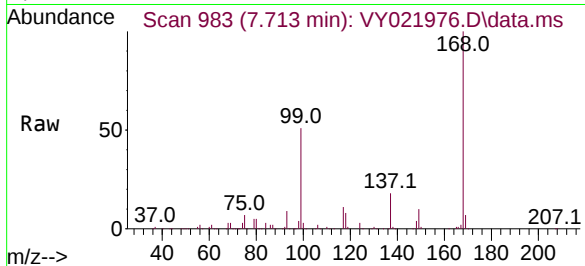




#31
Cyclohexane
Concen: 1.296 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

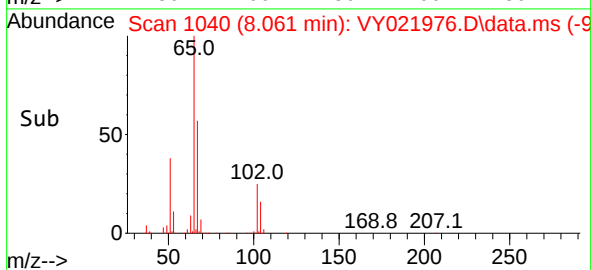
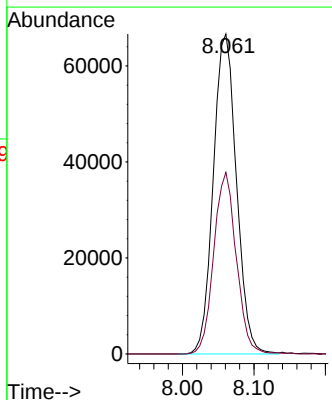
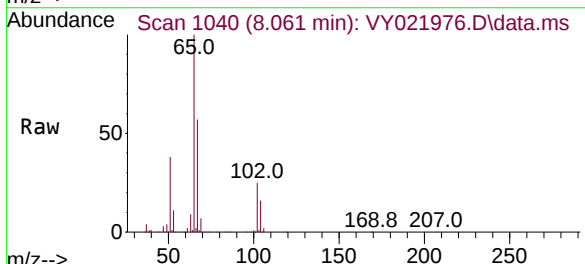
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-278

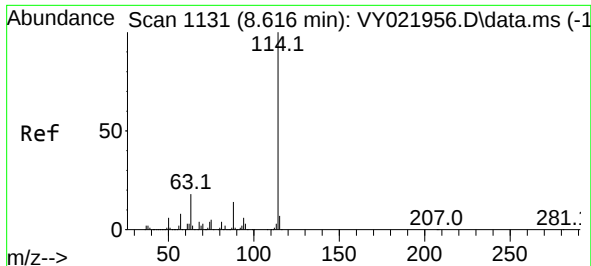
Tgt Ion: 56 Resp: 6048
Ion Ratio Lower Upper
56 100
69 155.3 29.4 44.2#
84 152.7 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 53.135 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Tgt Ion: 65 Resp: 150015
Ion Ratio Lower Upper
65 100
67 55.2 0.0 105.8

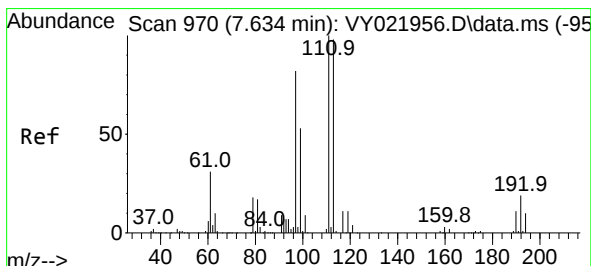
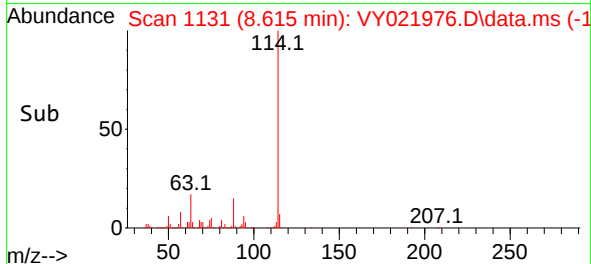
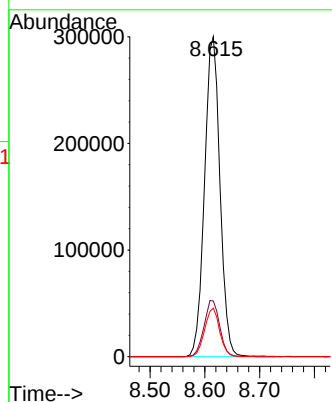
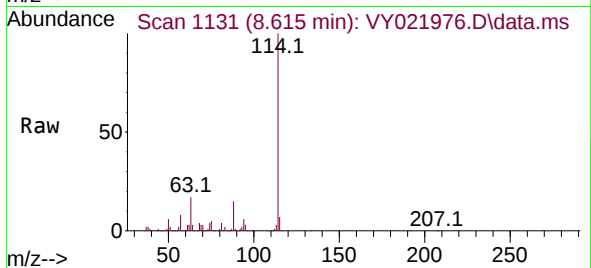




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

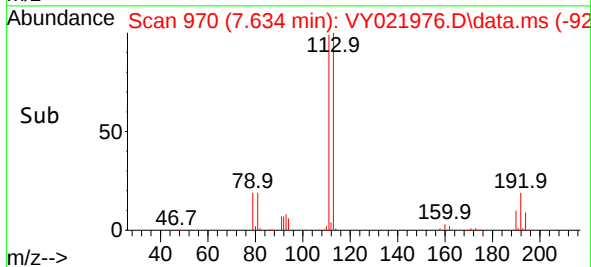
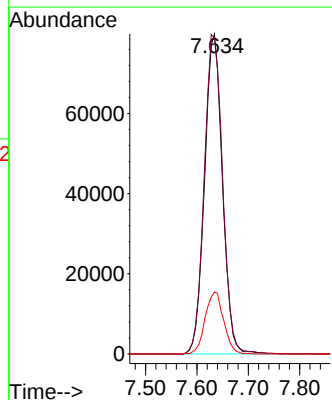
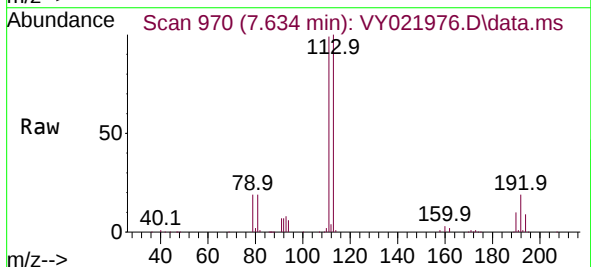
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-278

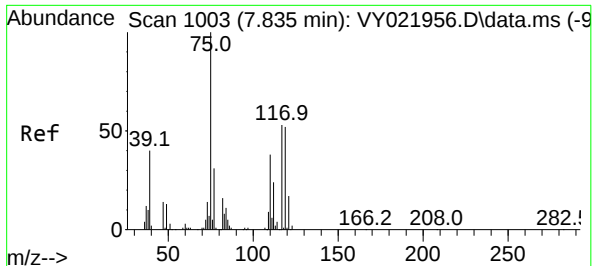
Tgt Ion:114 Resp: 585184
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.4
88 15.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 49.867 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Tgt Ion:113 Resp: 192788
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 20.0 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.392 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY021976.D

Acq: 23 Apr 2025 17:00

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-278

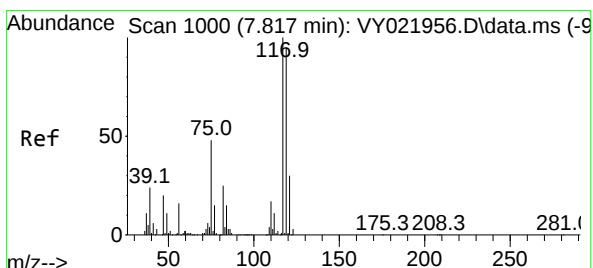
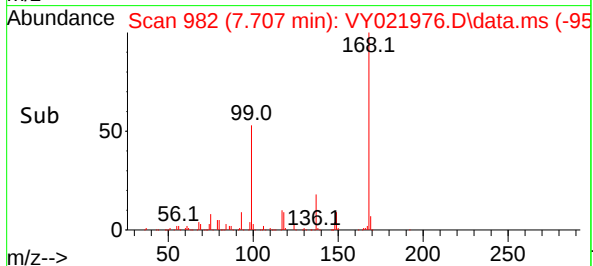
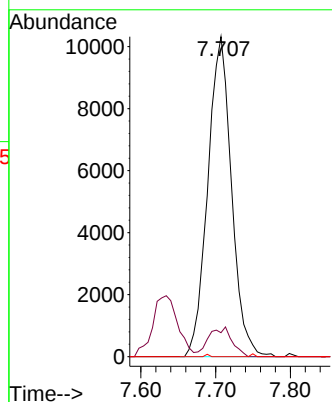
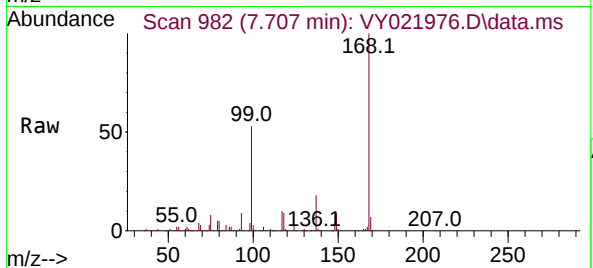
Tgt Ion: 75 Resp: 22808

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.3#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 5.121 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY021976.D

Acq: 23 Apr 2025 17:00

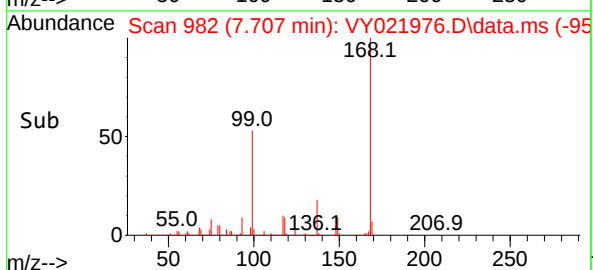
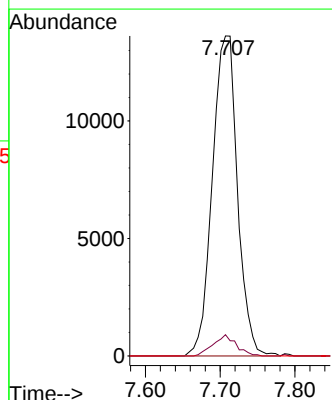
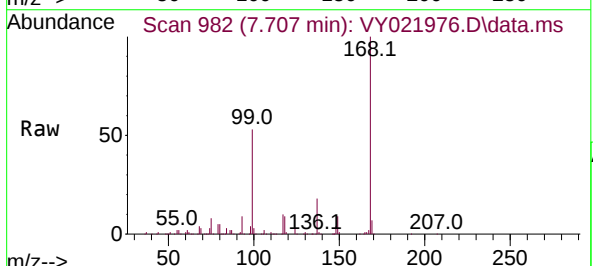
Tgt Ion: 117 Resp: 31777

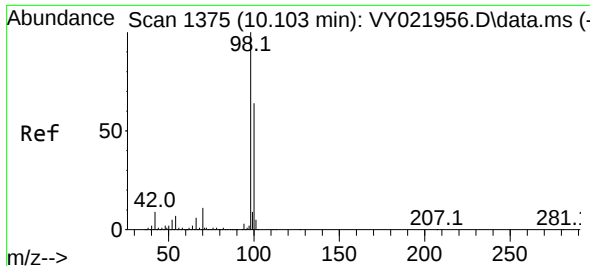
Ion Ratio Lower Upper

117 100

119 6.6 76.2 114.4#

121 0.0 24.0 36.0#

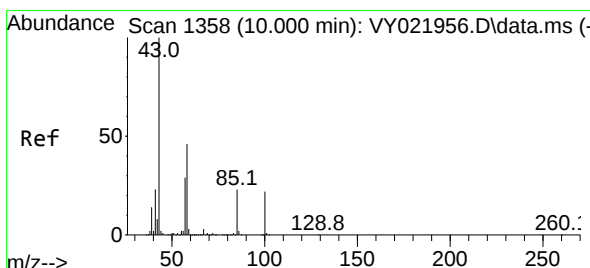
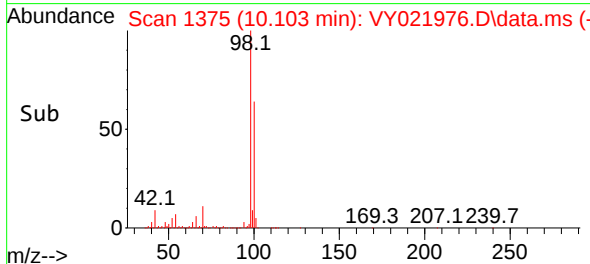
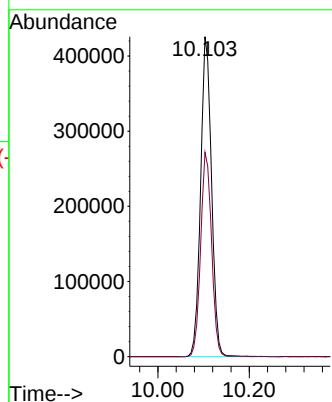
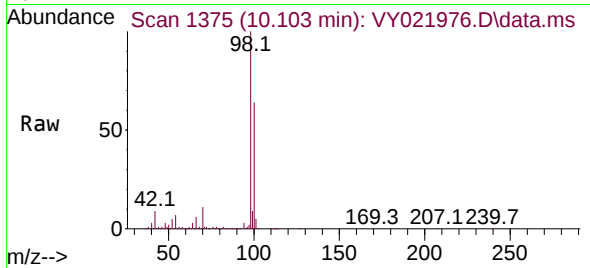




#50
Toluene-d8
Concen: 48.177 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

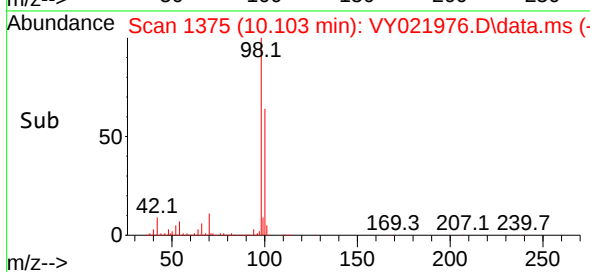
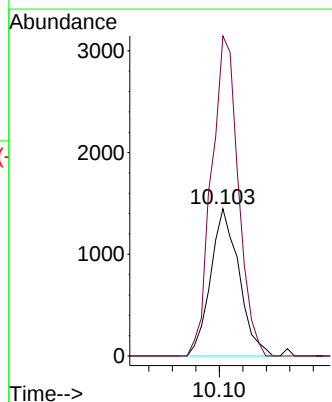
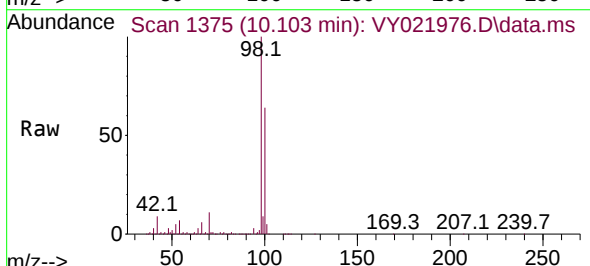
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-278

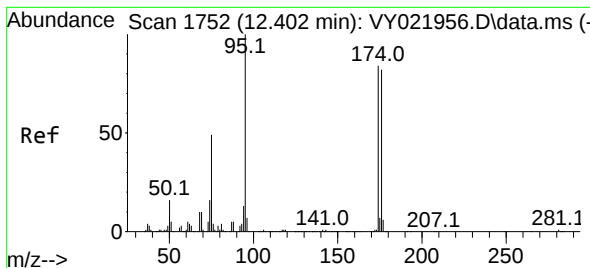
Tgt Ion: 98 Resp: 702172
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.298 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.103 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Tgt Ion: 43 Resp: 2438
Ion Ratio Lower Upper
43 100
58 204.5 36.6 55.0#

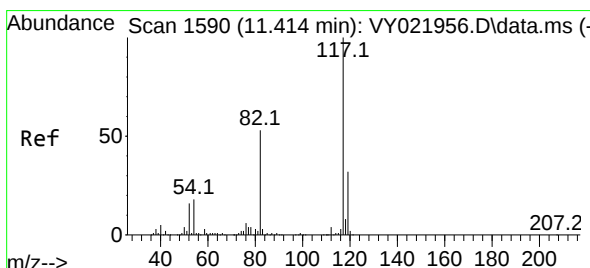
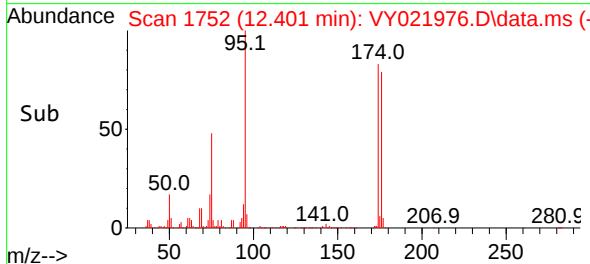
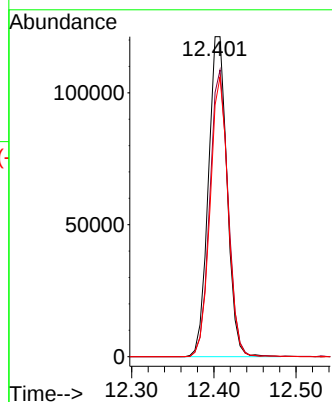
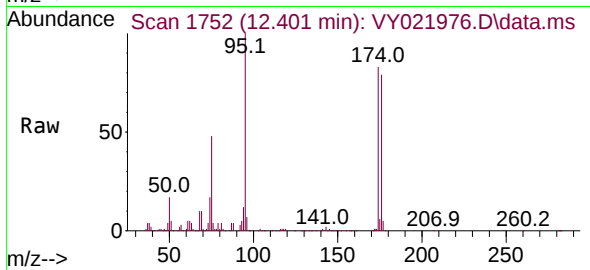




#62
4-Bromofluorobenzene
Concen: 38.990 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

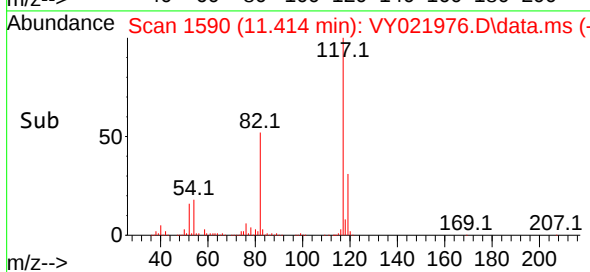
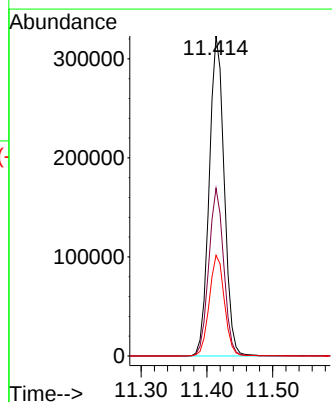
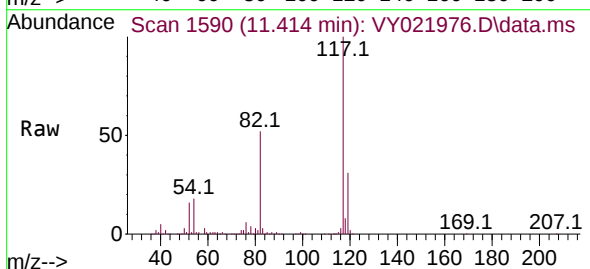
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ETGI-278

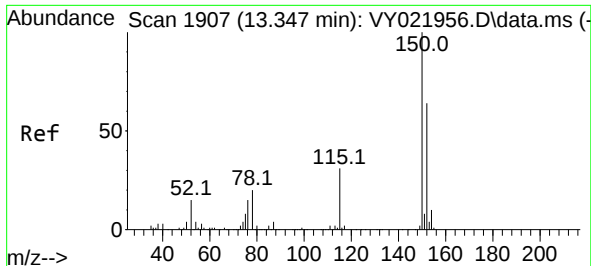
Tgt Ion: 95 Resp: 191306
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.0
176 84.4 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

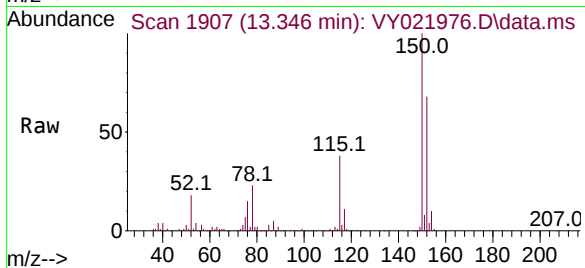
Tgt Ion: 117 Resp: 513428
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 31.4 25.7 38.5



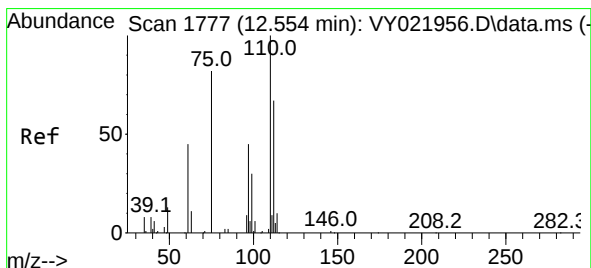
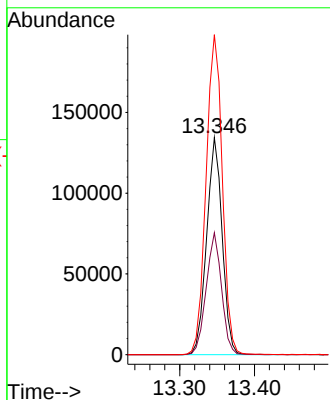
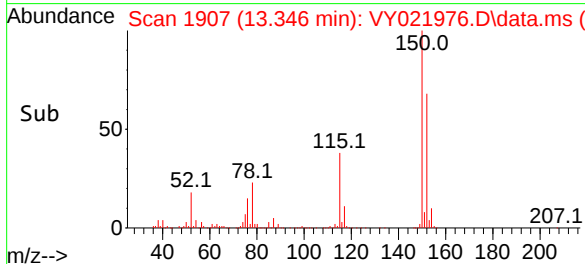


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-278

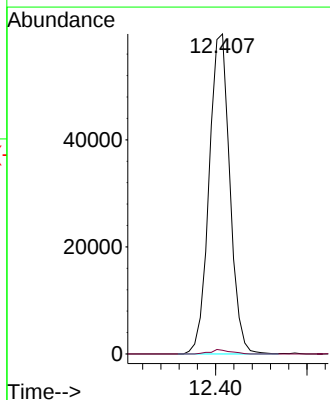
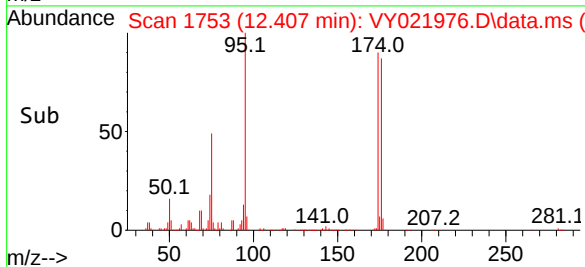
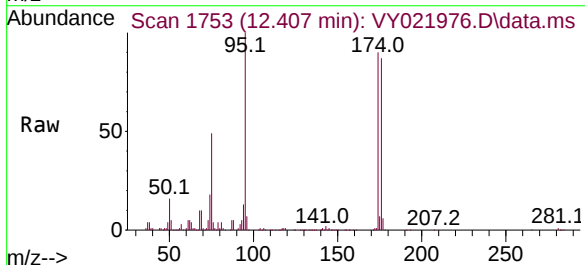


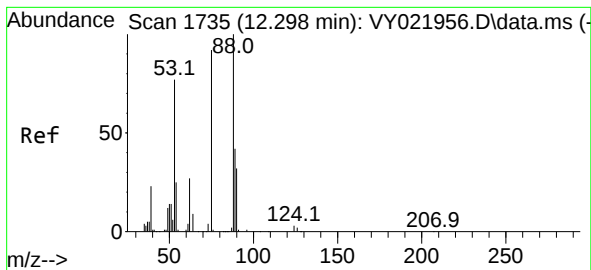
Tgt Ion:152 Resp: 194449
Ion Ratio Lower Upper
152 100
115 55.5 28.0 84.0
150 154.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 56.507 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Tgt Ion: 75 Resp: 94115
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.077 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY021976.D
 Acq: 23 Apr 2025 17:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-278

Tgt Ion: 75 Resp: 94115
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.0 99.0#
 89 0.0 37.2 55.8#

