

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021971.D
 Acq On : 23 Apr 2025 15:03
 Operator : SY/MD
 Sample : Q1848-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-342

Quant Time: Apr 24 03:46:23 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

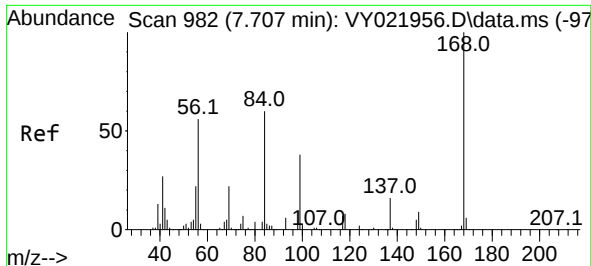
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	332161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	626870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	542304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	203402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	152938	49.848	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.700%		
35) Dibromofluoromethane	7.634	113	199330	48.131	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.260%		
50) Toluene-d8	10.109	98	743508	47.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.408	95	204774	38.960	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.920%		
Target Compounds						
16) Acetone	3.872	43	689	Below Cal	#	41
31) Cyclohexane	7.707	56	6129	1.208	ug/l #	21
36) 1,1-Dichloropropene	7.707	75	24166	4.344	ug/l #	47
38) Carbon Tetrachloride	7.707	117	33008	4.965	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	2713	1.349	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	99403	57.055	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	99403	137.396	ug/l #	16

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

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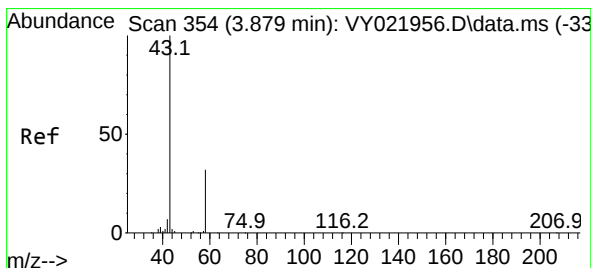
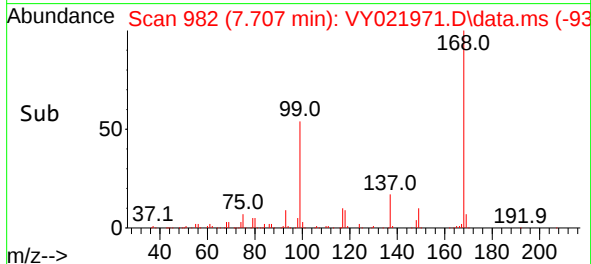
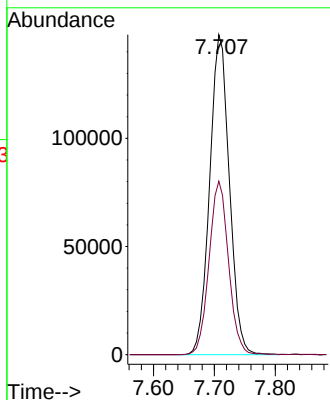
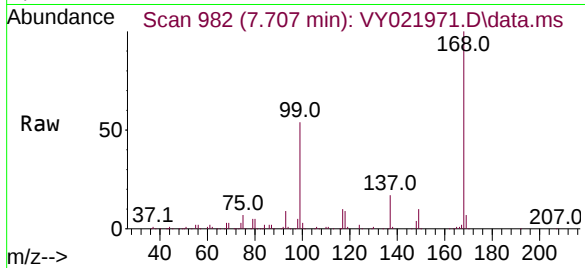




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021971.D
Acq: 23 Apr 2025 15:03

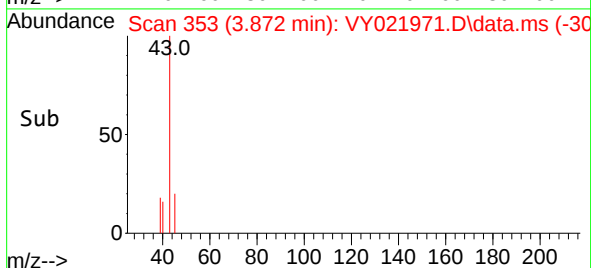
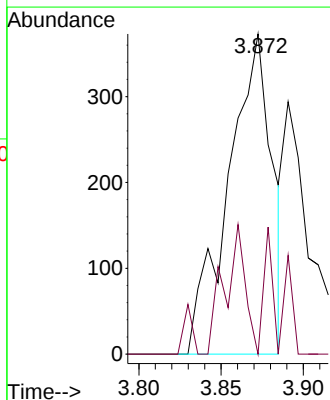
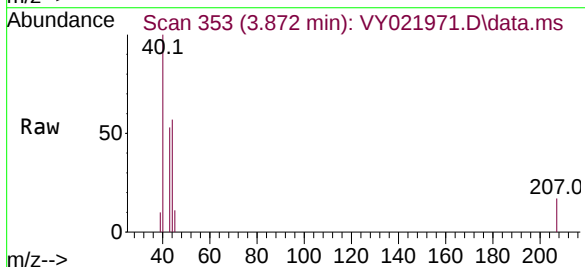
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-342

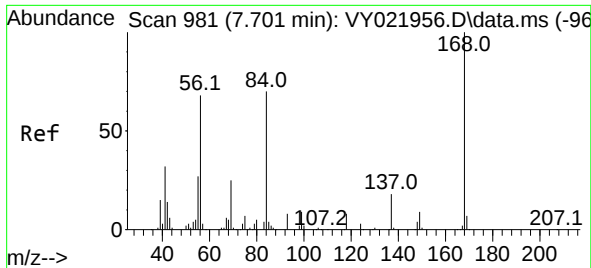
Tgt Ion:168 Resp: 332161
Ion Ratio Lower Upper
168 100
99 54.2 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY021971.D
Acq: 23 Apr 2025 15:03

Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#

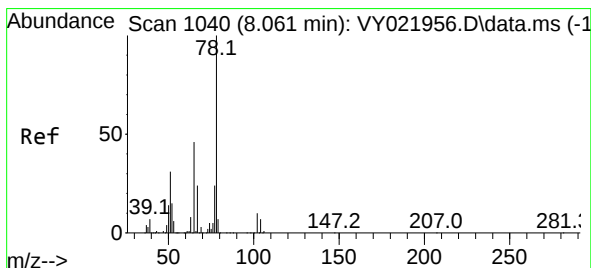
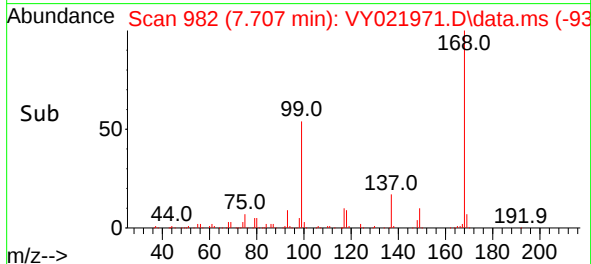
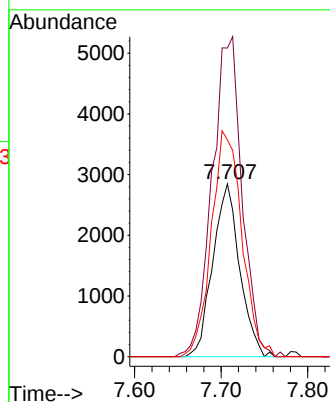
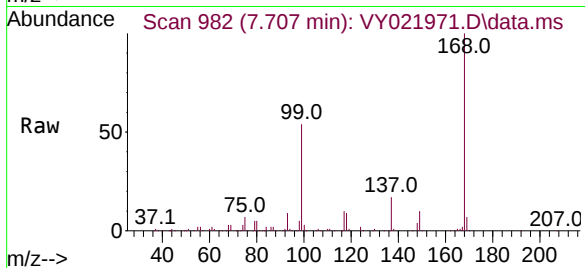




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021971.D
Acq: 23 Apr 2025 15:03

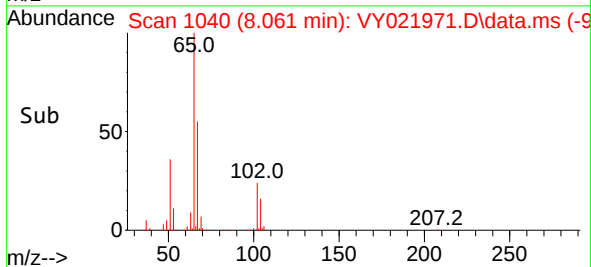
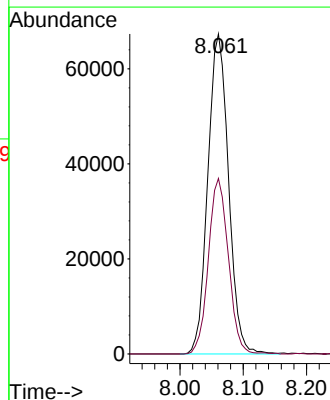
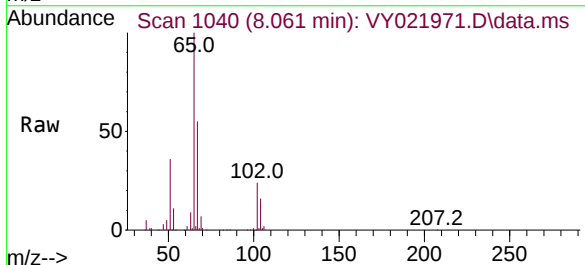
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-342

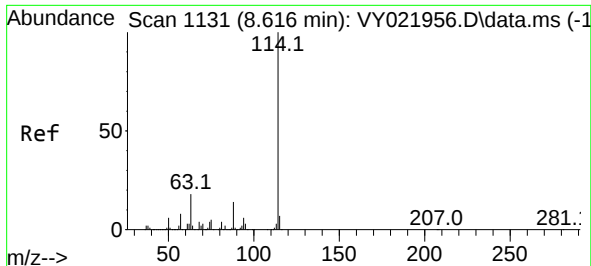
Tgt Ion: 56 Resp: 6129
Ion Ratio Lower Upper
56 100
69 176.8 29.4 44.2#
84 125.5 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 49.848 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021971.D
Acq: 23 Apr 2025 15:03

Tgt Ion: 65 Resp: 152938
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

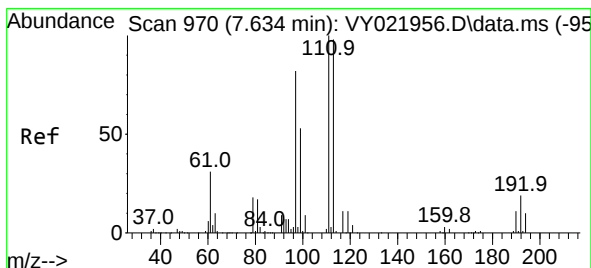
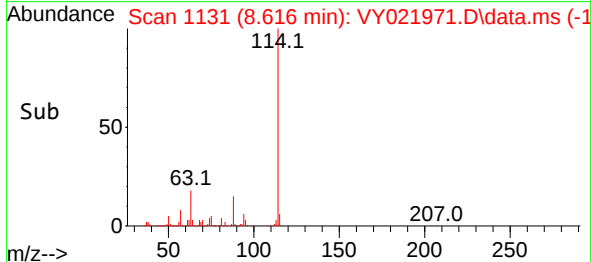
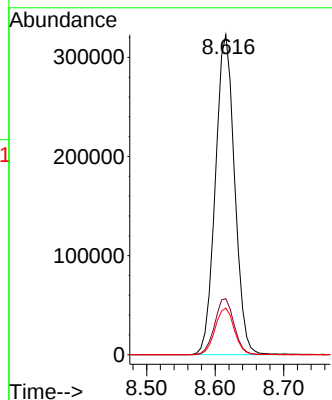
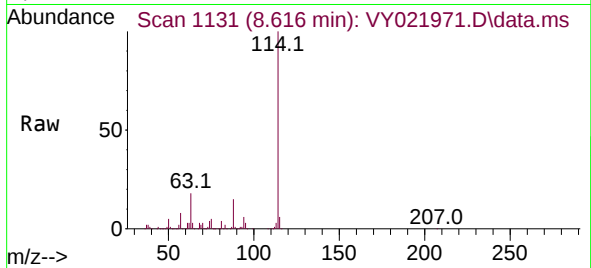




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021971.D
Acq: 23 Apr 2025 15:03

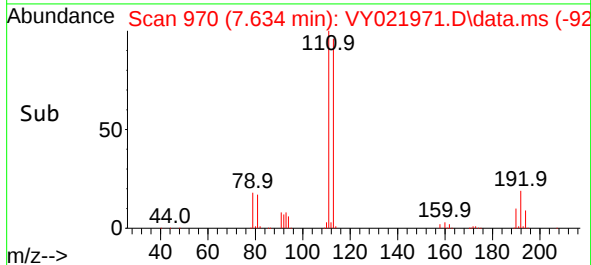
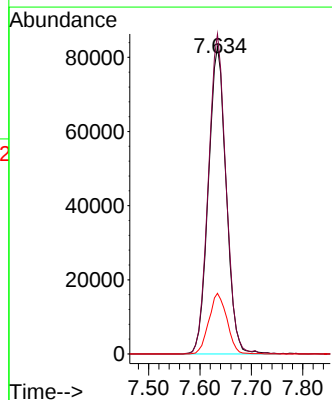
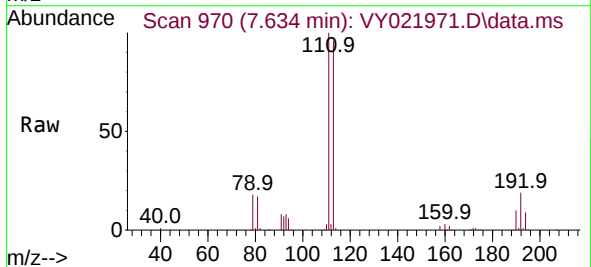
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-342

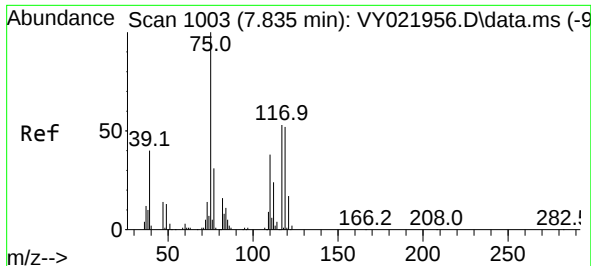
Tgt Ion:114 Resp: 626870
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.4
88 14.5 0.0 28.2



#35
Dibromofluoromethane
Concen: 48.131 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021971.D
Acq: 23 Apr 2025 15:03

Tgt Ion:113 Resp: 199330
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 20.0 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.344 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY021971.D

Acq: 23 Apr 2025 15:03

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-342

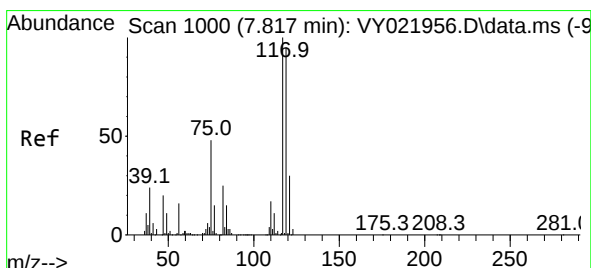
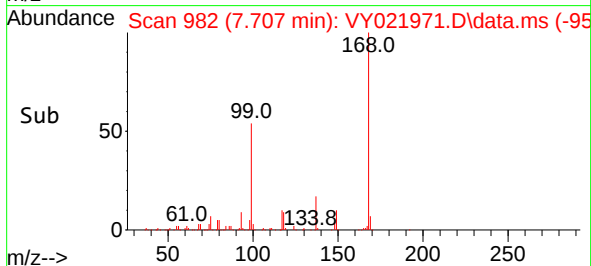
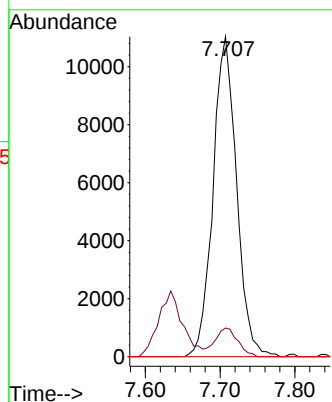
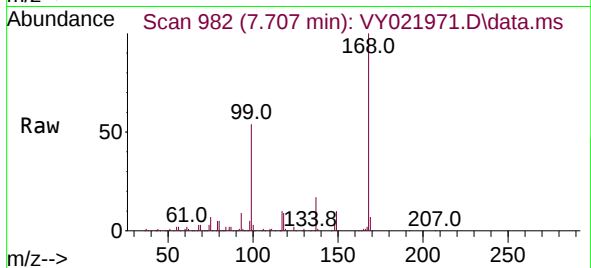
Tgt Ion: 75 Resp: 24166

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.3#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 4.965 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY021971.D

Acq: 23 Apr 2025 15:03

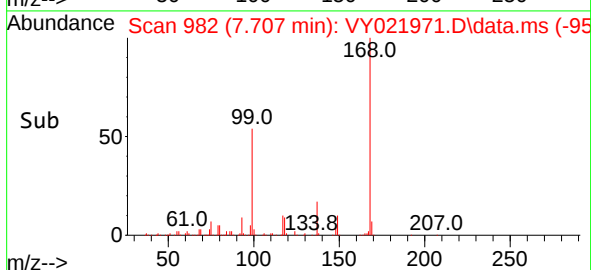
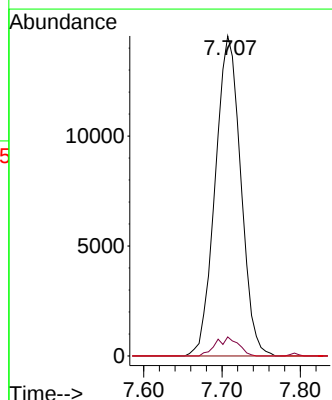
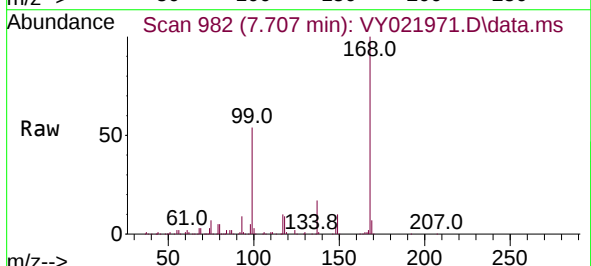
Tgt Ion: 117 Resp: 33008

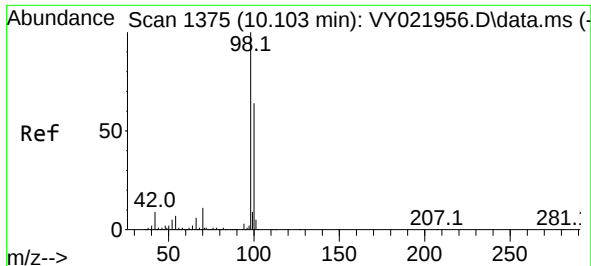
Ion Ratio Lower Upper

117 100

119 6.0 76.2 114.4#

121 0.0 24.0 36.0#

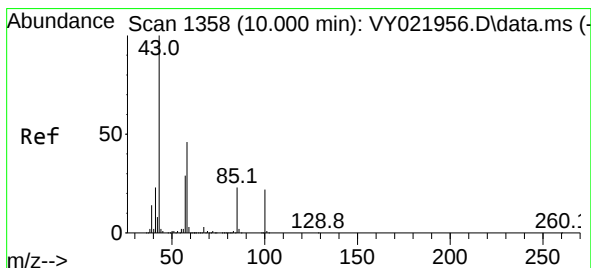
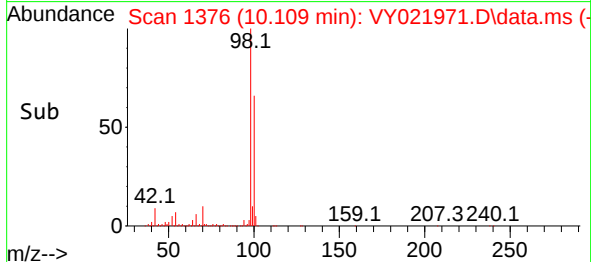
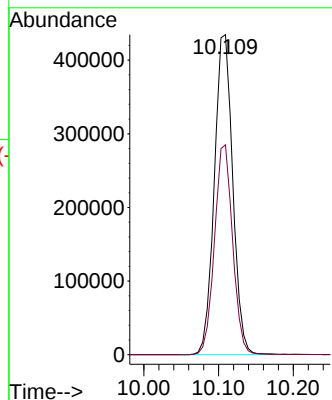
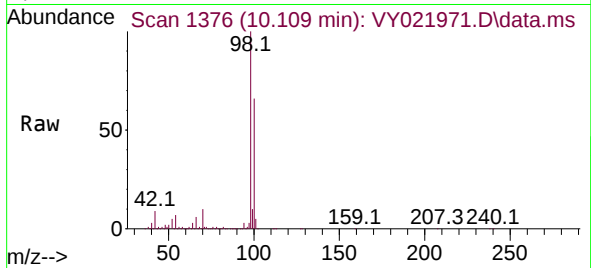




#50
Toluene-d8
Concen: 47.620 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021971.D
Acq: 23 Apr 2025 15:03

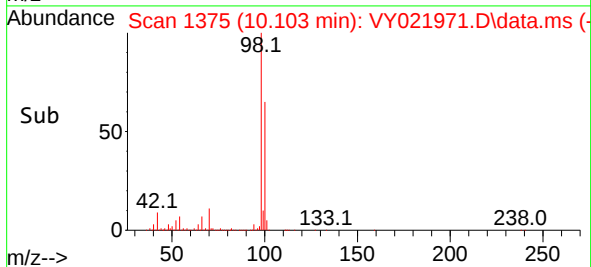
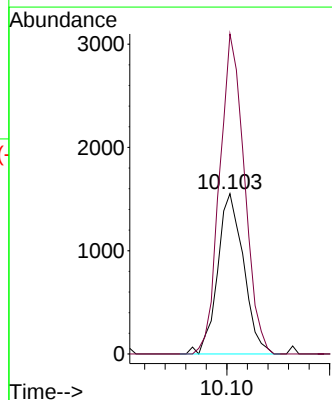
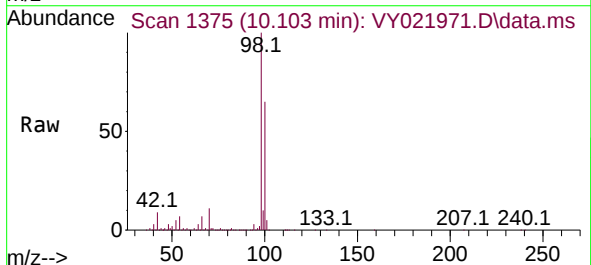
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-342

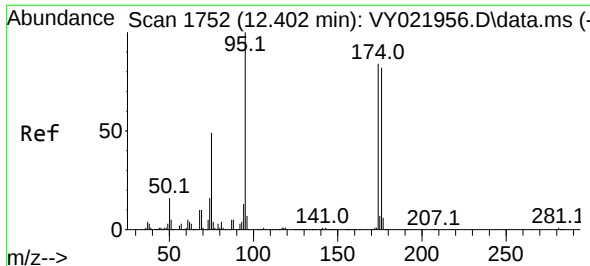
Tgt Ion: 98 Resp: 743508
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.349 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY021971.D
Acq: 23 Apr 2025 15:03

Tgt Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
58 191.5 36.6 55.0#

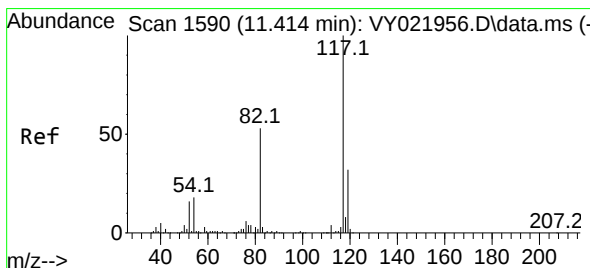
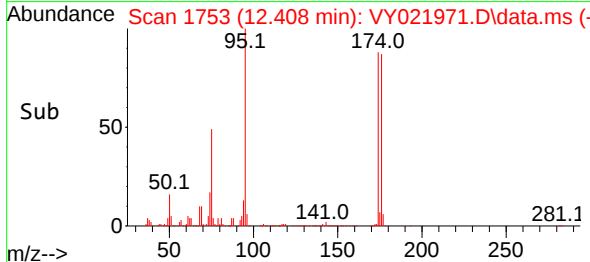
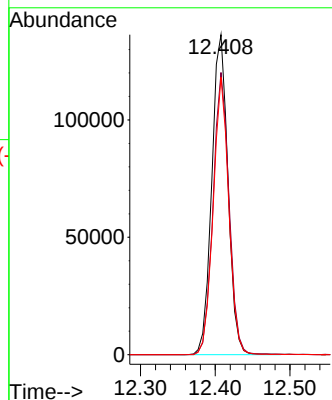
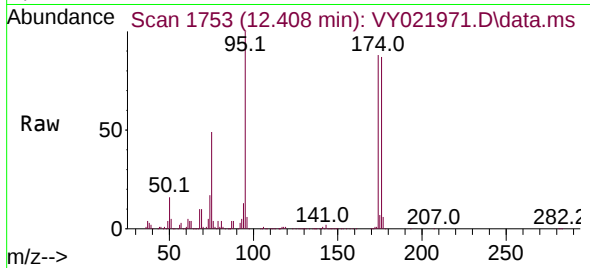




#62
4-Bromofluorobenzene
Concen: 38.960 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021971.D
Acq: 23 Apr 2025 15:03

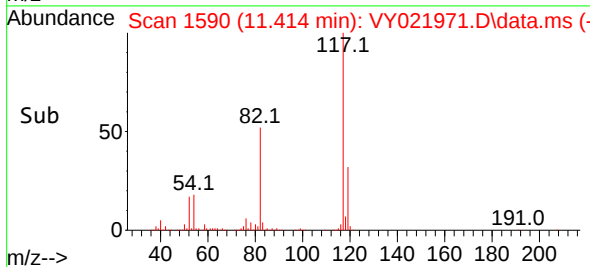
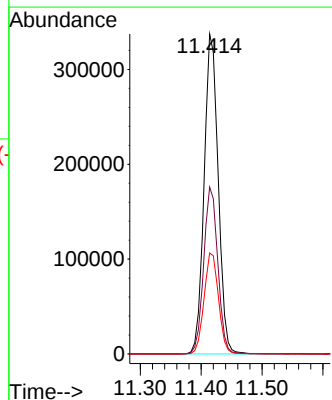
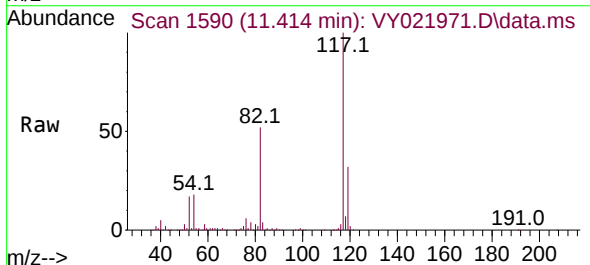
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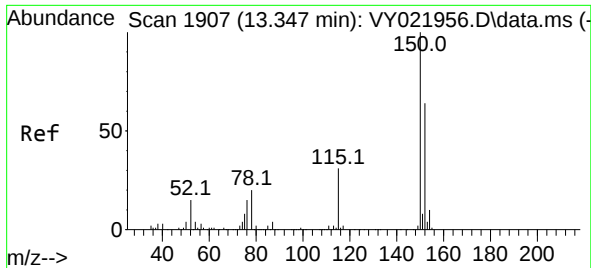
Tgt Ion: 95 Resp: 204774
Ion Ratio Lower Upper
95 100
174 87.5 0.0 179.0
176 83.3 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY021971.D
Acq: 23 Apr 2025 15:03

Tgt Ion: 117 Resp: 542304
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 31.6 25.7 38.5

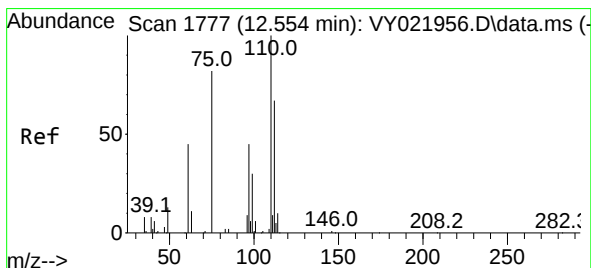
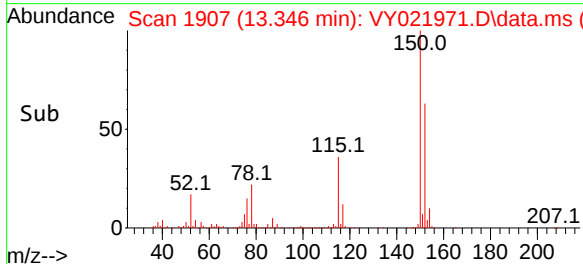
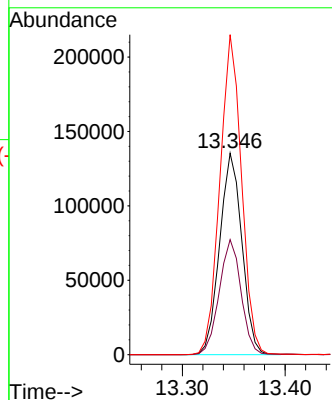
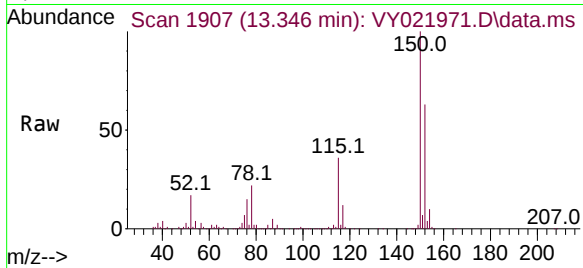




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY021971.D
 Acq: 23 Apr 2025 15:03

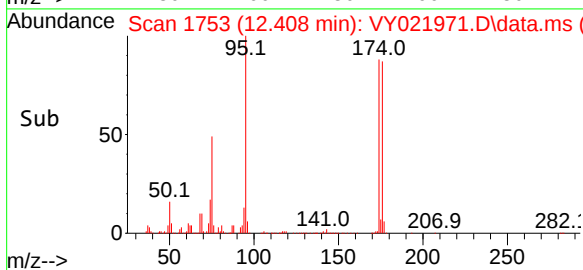
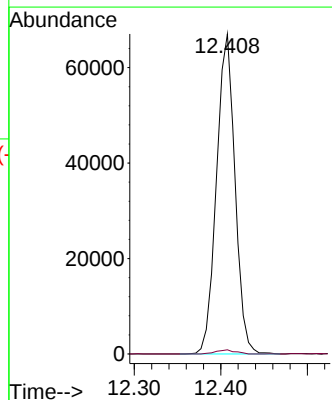
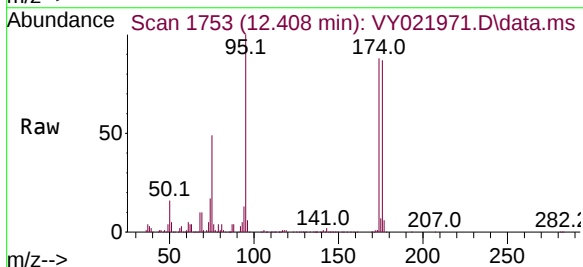
Instrument :
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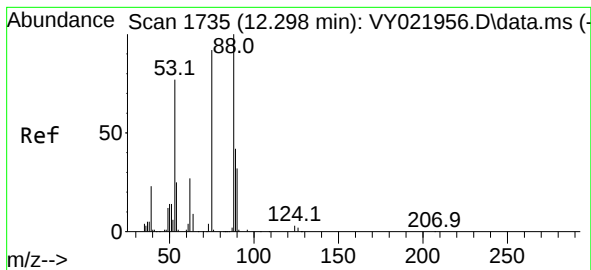
Tgt Ion:152 Resp: 203402
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.0 84.0
 150 154.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 57.055 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021971.D
 Acq: 23 Apr 2025 15:03

Tgt Ion: 75 Resp: 99403
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.396 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY021971.D
 Acq: 23 Apr 2025 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-342

Tgt Ion: 75 Resp: 99403
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.0 99.0#
 89 0.0 37.2 55.8#

