

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021737.D
 Acq On : 01 Apr 2025 13:22
 Operator : SY/MD
 Sample : Q1675-09
 Misc : 8.15g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T3

Quant Time: Apr 02 03:23:04 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)

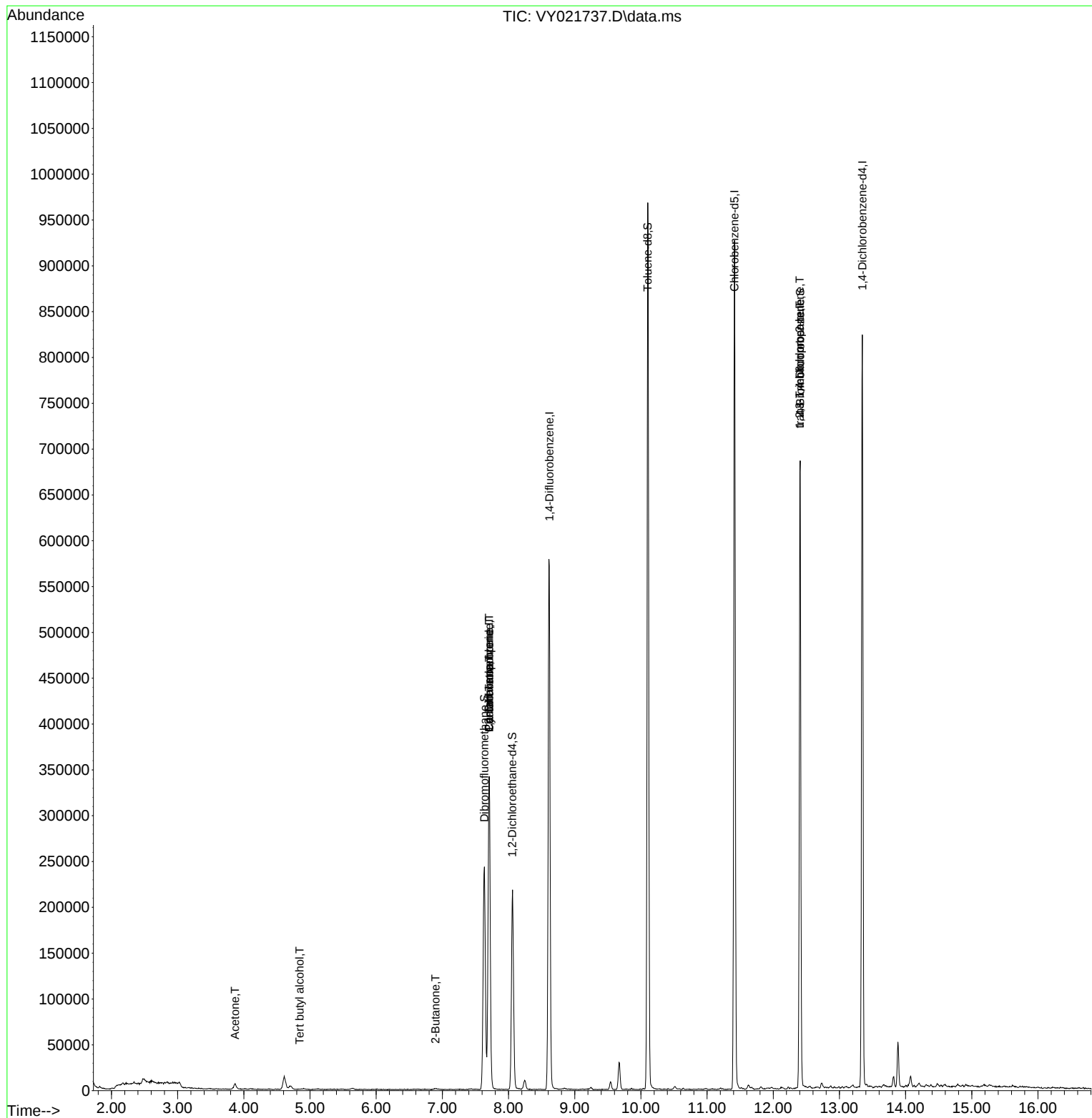
Internal Standards						
1) Pentafluorobenzene	7.707	168	259184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	488873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	462972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	201176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	169059	60.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.400%	
35) Dibromofluoromethane	7.634	113	168115	53.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.020%	
50) Toluene-d8	10.103	98	605610	50.198	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.408	95	206234	50.539	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	197	1.080	ug/l #	70
16) Acetone	3.867	43	9363	16.291	ug/l	93
20) Methylene Chloride	4.610	84	9285	Below Cal		90
25) 2-Butanone	6.896	43	1436	1.749	ug/l #	71
31) Cyclohexane	7.707	56	6035	1.218	ug/l #	14
36) 1,1-Dichloropropene	7.707	75	20939	4.335	ug/l #	51
38) Carbon Tetrachloride	7.707	117	27091	4.897	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	109410	54.865	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	109410	126.418	ug/l #	12

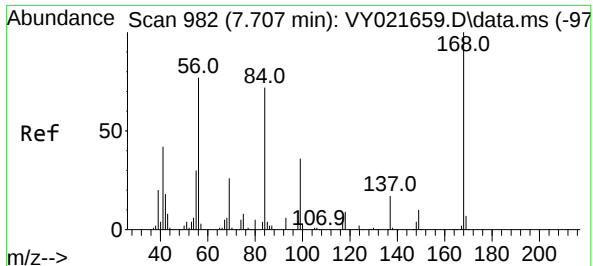
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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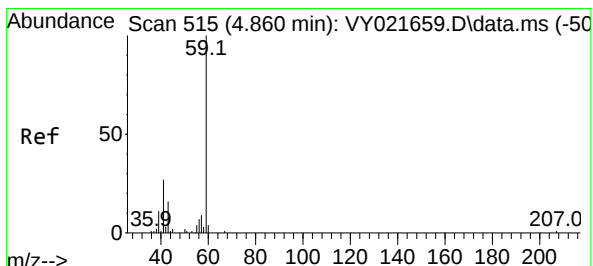
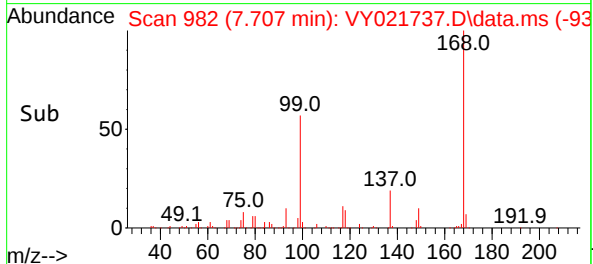
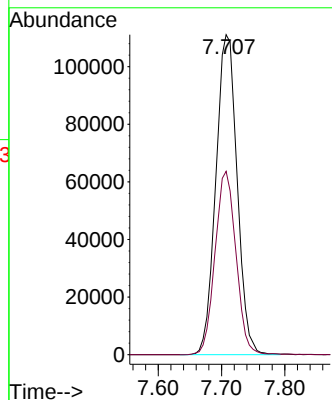
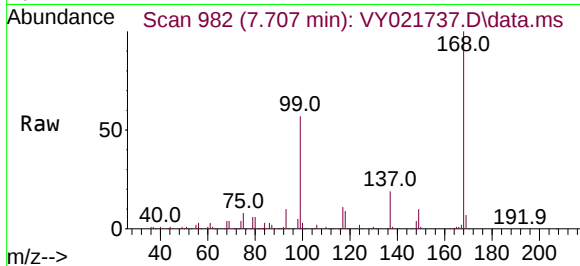




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

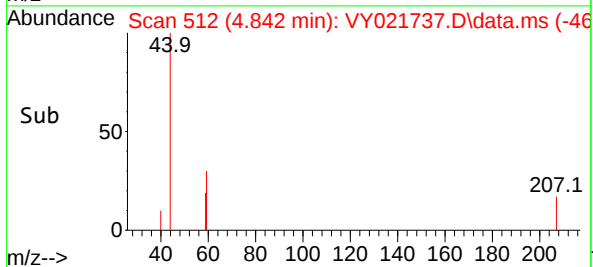
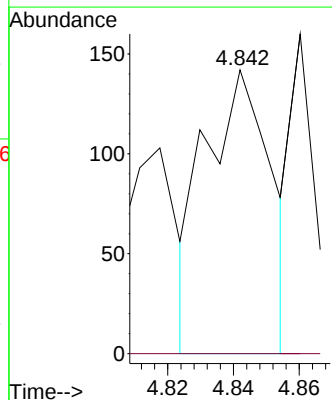
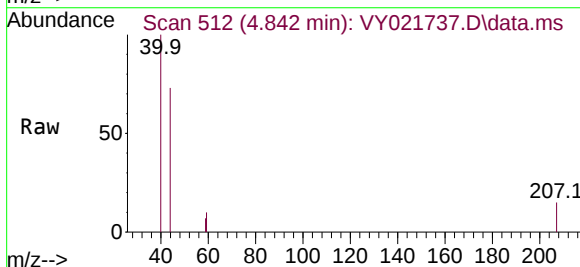
Instrument :
MSVOA_Y
ClientSampleId :
T3

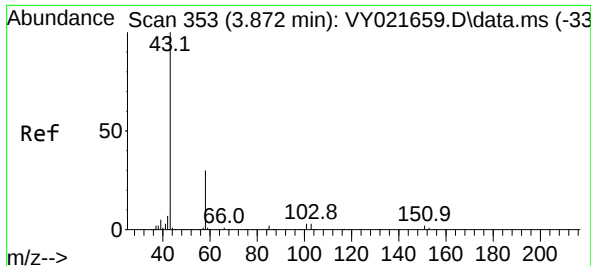
Tgt Ion:168 Resp: 259184
Ion Ratio Lower Upper
168 100
99 57.3 46.7 70.1



#11
Tert butyl alcohol
Concen: 1.080 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

Tgt Ion: 59 Resp: 197
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

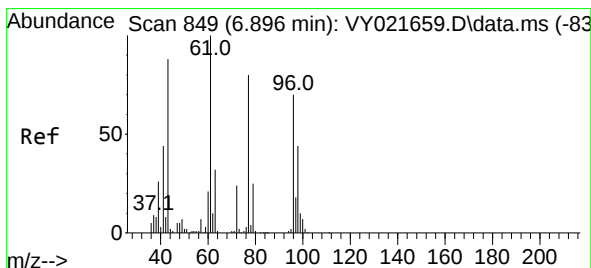
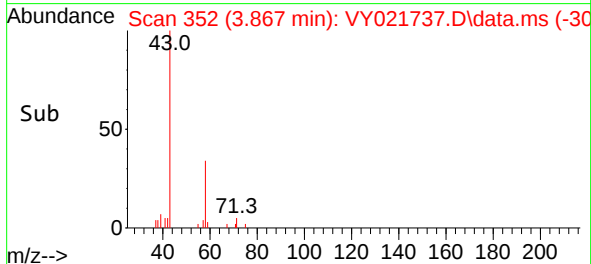
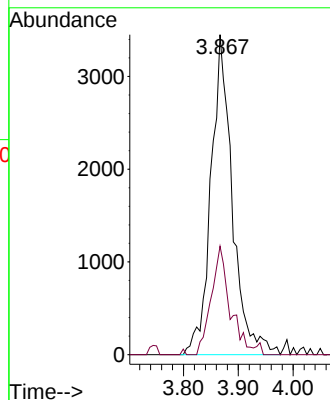
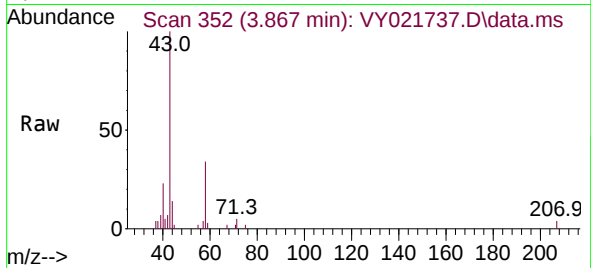




#16
Acetone
Concen: 16.291 ug/l
RT: 3.867 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

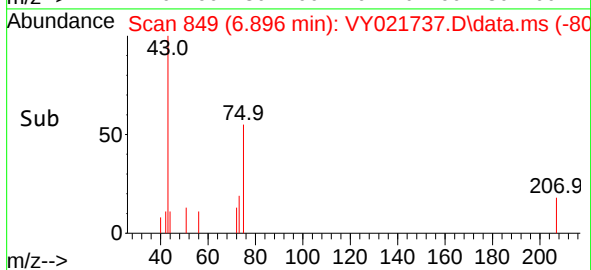
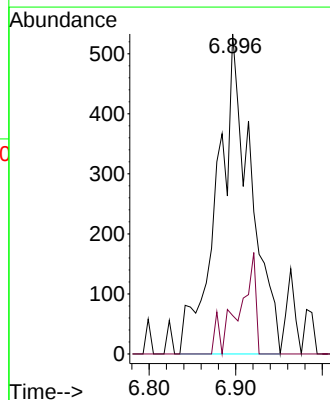
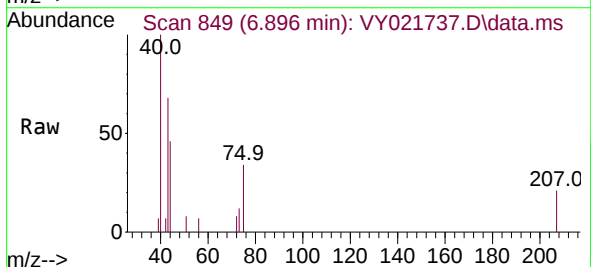
Instrument :
MSVOA_Y
ClientSampleId :
T3

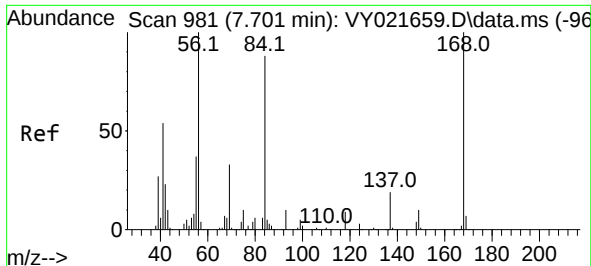
Tgt Ion: 43 Resp: 9363
Ion Ratio Lower Upper
43 100
58 33.9 24.2 36.4



#25
2-Butanone
Concen: 1.749 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
72 12.0 21.4 32.2#

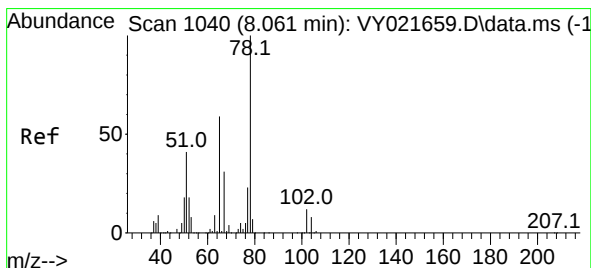
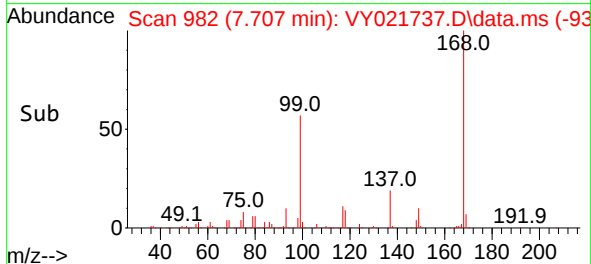
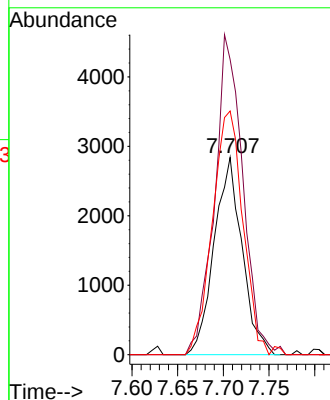
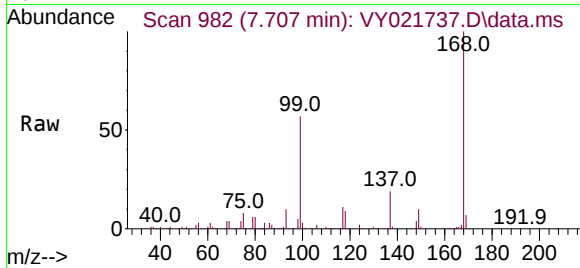




#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

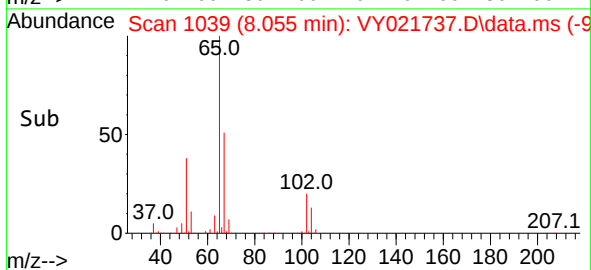
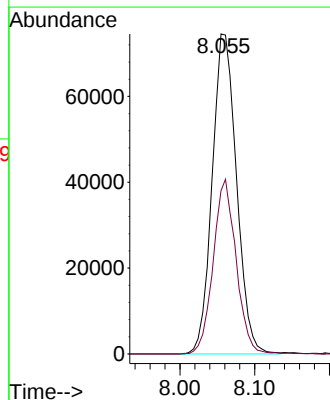
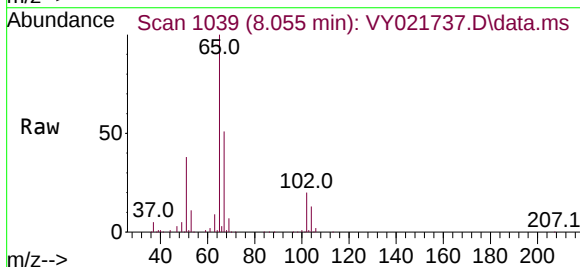
Instrument :
MSVOA_Y
ClientSampleId :
T3

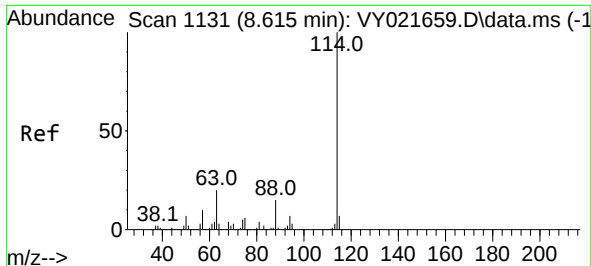
Tgt Ion: 56 Resp: 6035
Ion Ratio Lower Upper
56 100
69 149.6 26.6 40.0#
84 123.6 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 60.202 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

Tgt Ion: 65 Resp: 169059
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6

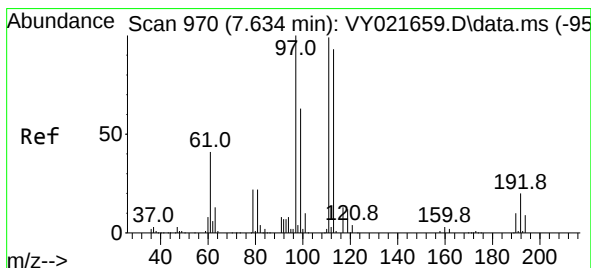
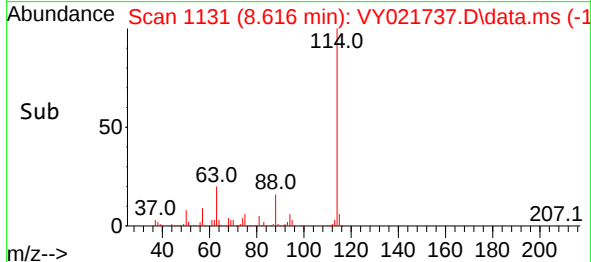
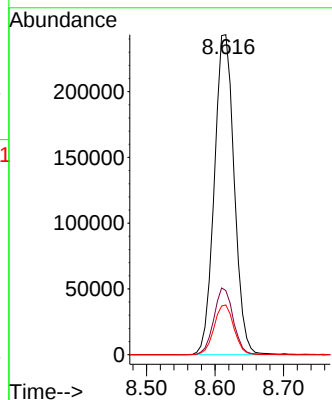
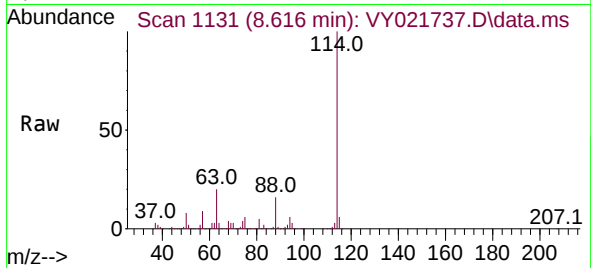




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

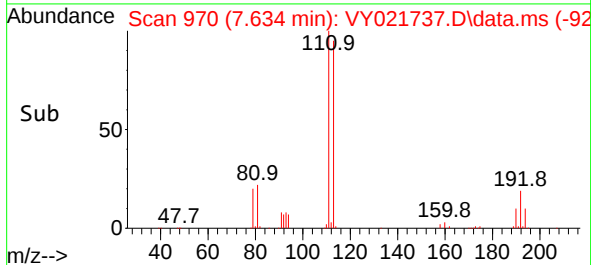
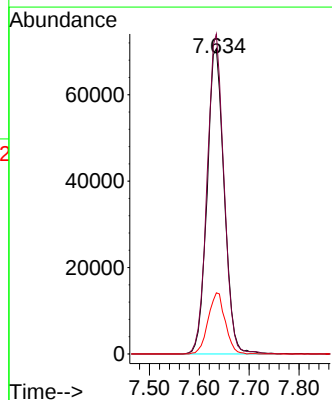
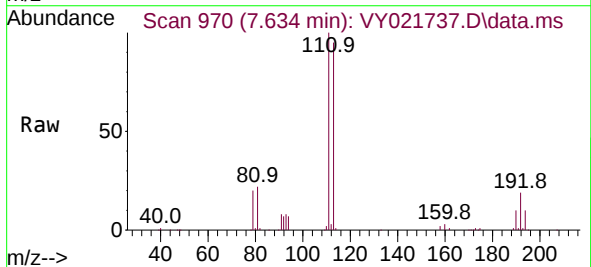
Instrument :
MSVOA_Y
ClientSampleId :
T3

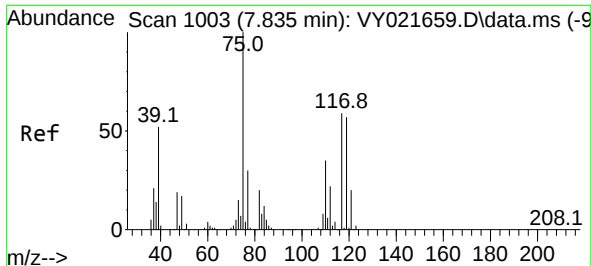
Tgt Ion:114 Resp: 488873
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.2
88 15.5 0.0 29.8



#35
Dibromofluoromethane
Concen: 53.012 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

Tgt Ion:113 Resp: 168115
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.9 16.2 24.4

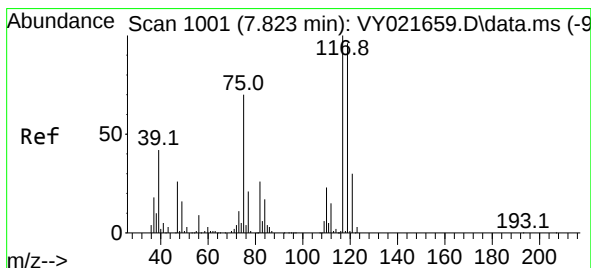
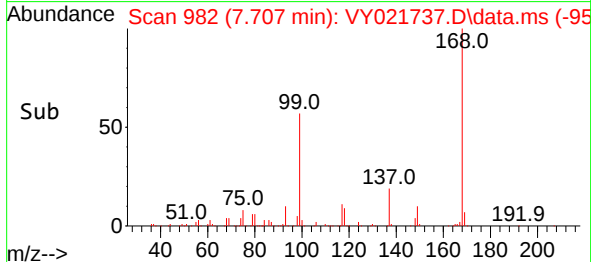
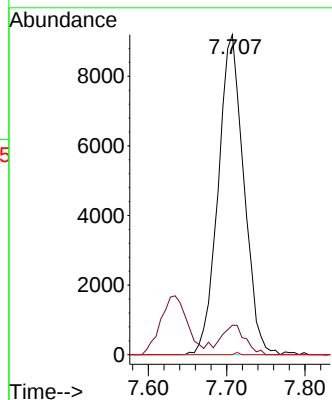
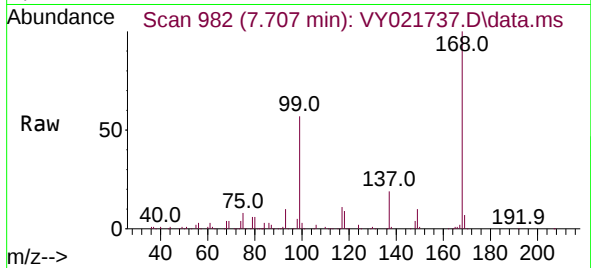




#36
 1,1-Dichloropropene
 Concen: 4.335 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY021737.D
 Acq: 01 Apr 2025 13:22

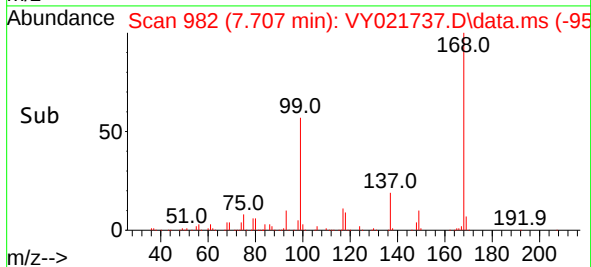
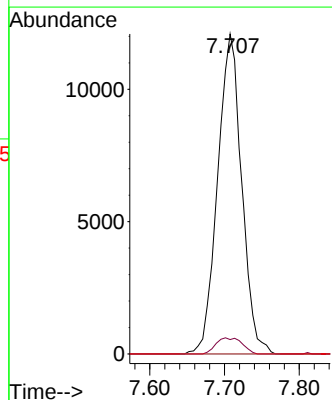
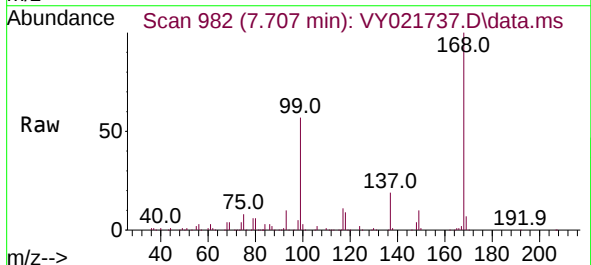
Instrument :
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 ClientSampleId :
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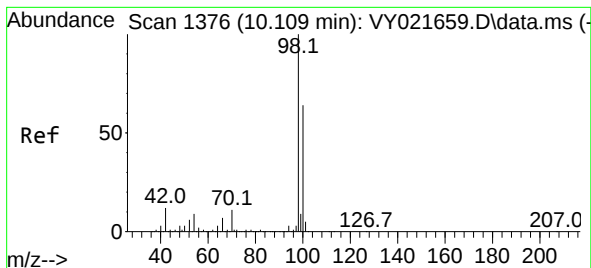
Tgt Ion: 75 Resp: 20939
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.0 50.9#
 77 0.1 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.897 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.116 min
 Lab File: VY021737.D
 Acq: 01 Apr 2025 13:22

Tgt Ion: 117 Resp: 27091
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.2 114.4#
 121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 50.198 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021737.D

Acq: 01 Apr 2025 13:22

Instrument :

MSVOA_Y

ClientSampleId :

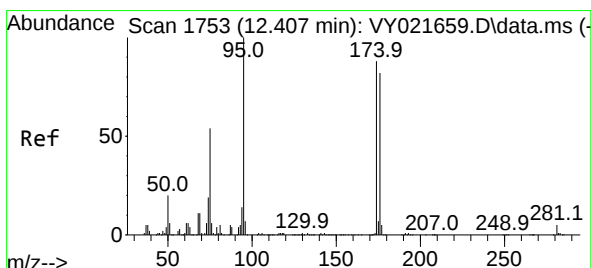
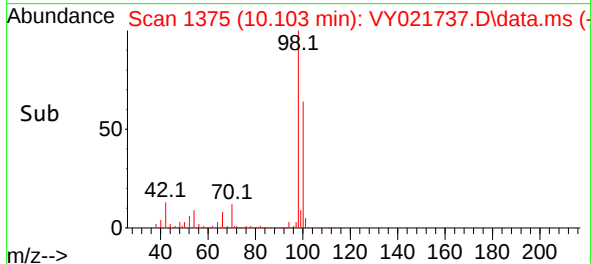
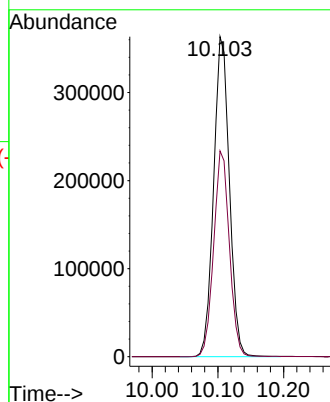
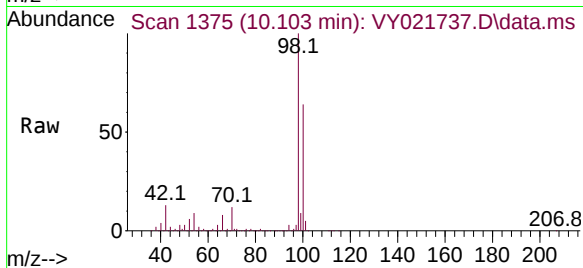
T3

Tgt Ion: 98 Resp: 605610

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 50.539 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021737.D

Acq: 01 Apr 2025 13:22

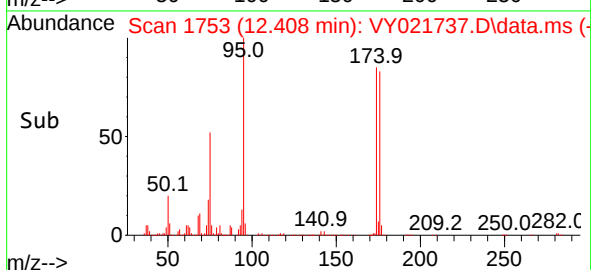
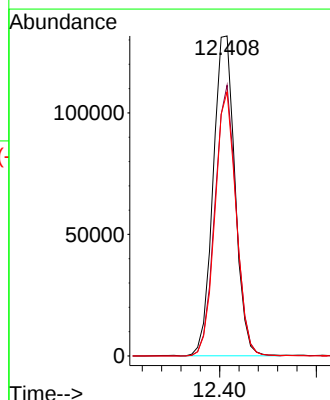
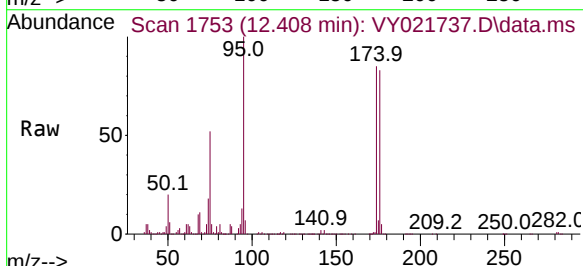
Tgt Ion: 95 Resp: 206234

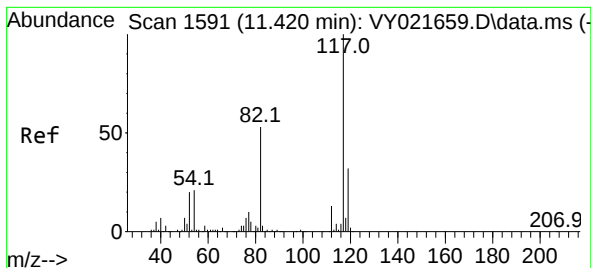
Ion Ratio Lower Upper

95 100

174 82.2 0.0 170.8

176 80.1 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: VY021737.D

Acq: 01 Apr 2025 13:22

Instrument :

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T3

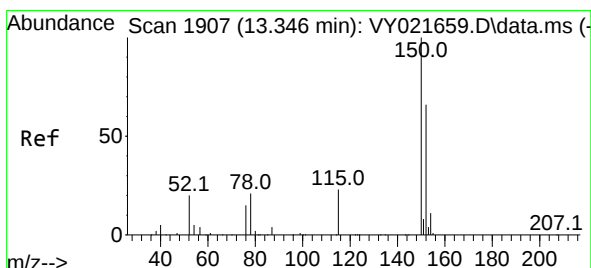
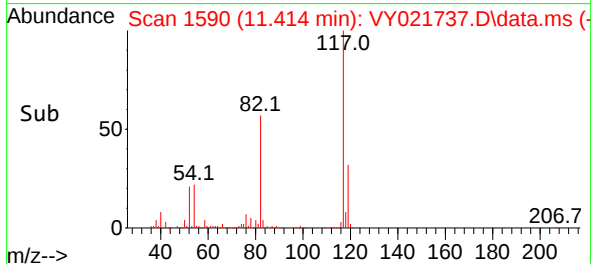
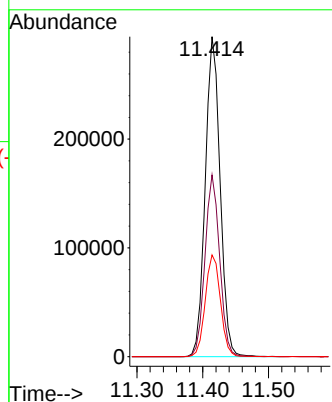
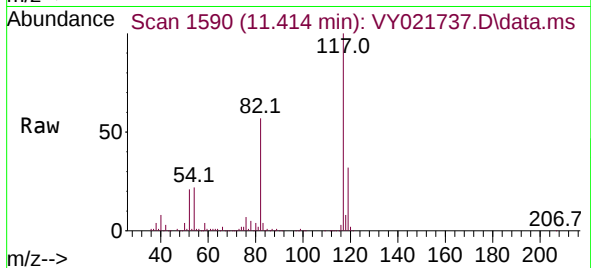
Tgt Ion:117 Resp: 462972

Ion Ratio Lower Upper

117 100

82 56.8 42.8 64.2

119 31.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021737.D

Acq: 01 Apr 2025 13:22

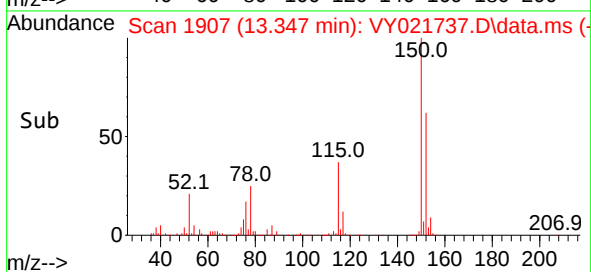
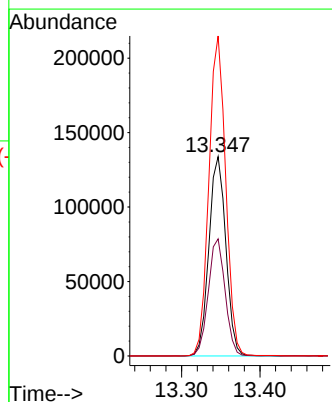
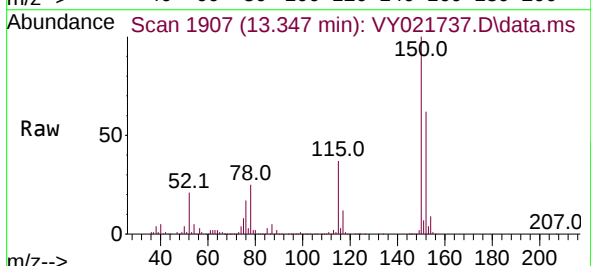
Tgt Ion:152 Resp: 201176

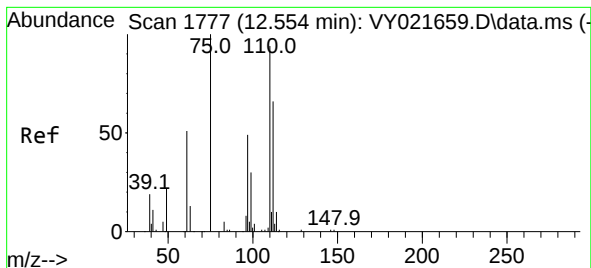
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 159.2 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 54.865 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY021737.D

Acq: 01 Apr 2025 13:22

Instrument :

MSVOA_Y

ClientSampleId :

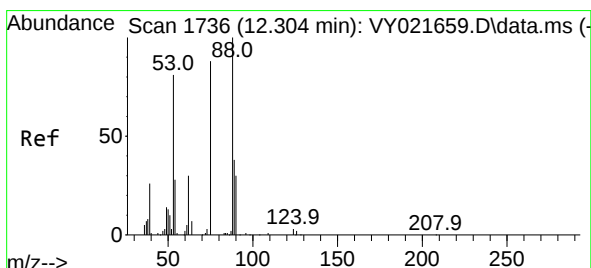
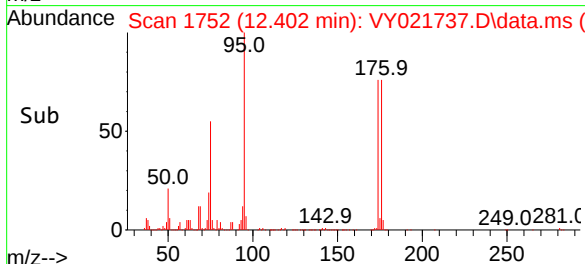
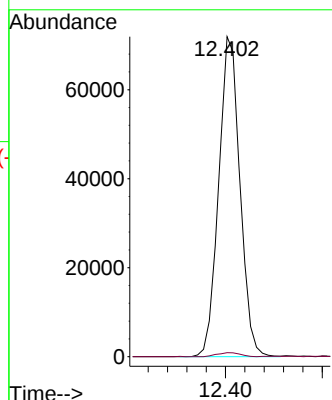
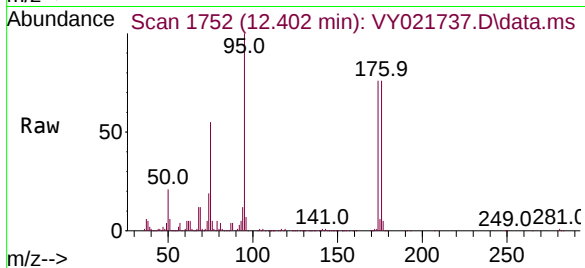
T3

Tgt Ion: 75 Resp: 109410

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.418 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY021737.D

Acq: 01 Apr 2025 13:22

Tgt Ion: 75 Resp: 109410

Ion Ratio Lower Upper

75 100

53 0.3 76.1 114.1#

89 0.0 36.2 54.4#

