

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020257.D
 Acq On : 11 Nov 2024 18:43
 Operator : SY/MD
 Sample : P4796-07
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 12 03:15:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

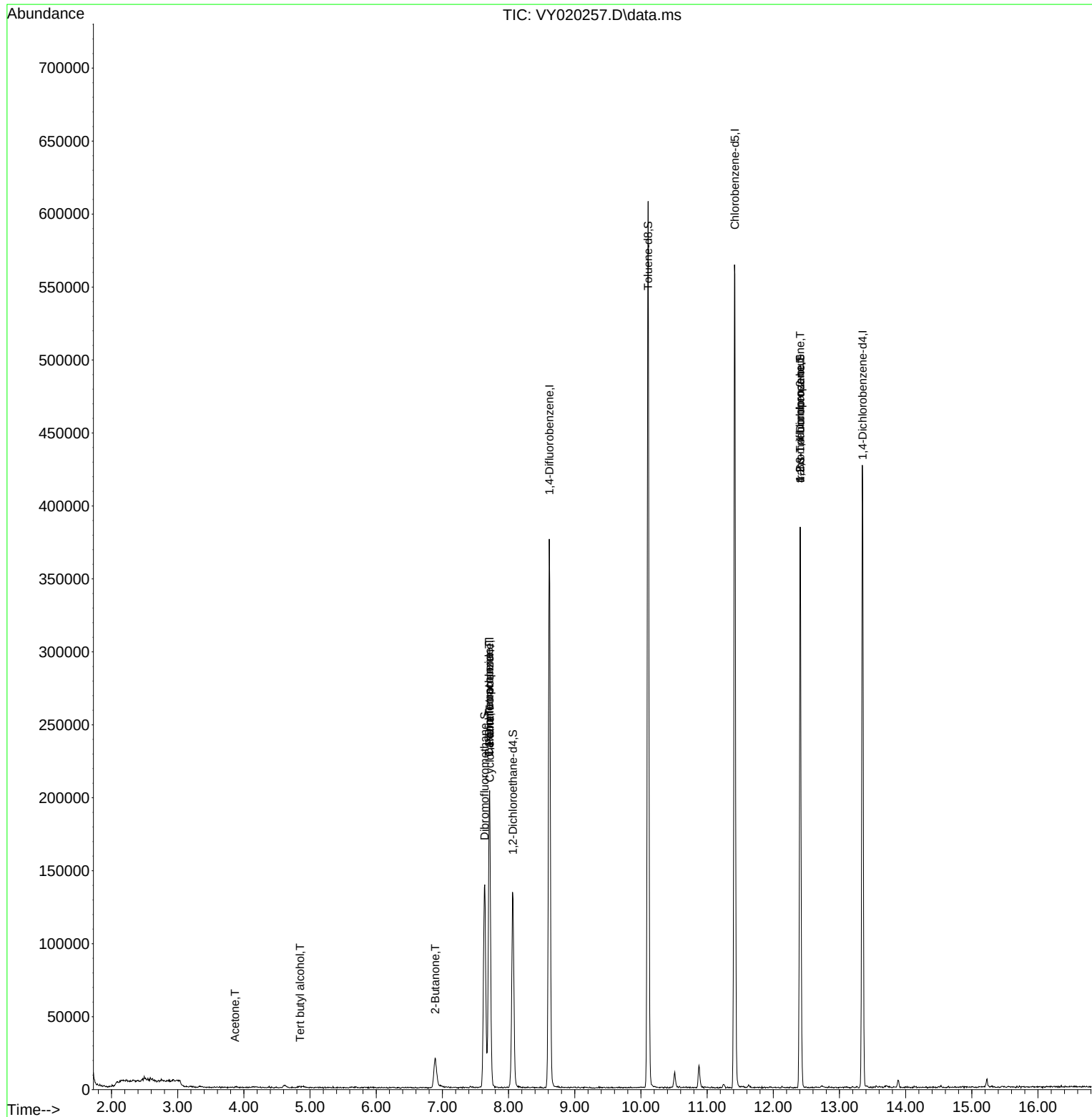
Internal Standards						
1) Pentafluorobenzene	7.713	168	141869	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	299368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	276598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	94700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	99094	55.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.940%	
35) Dibromofluoromethane	7.640	113	99484	52.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.540%	
50) Toluene-d8	10.109	98	370880	48.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.900%	
62) 4-Bromofluorobenzene	12.407	95	109841	44.635	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	319	2.505	ug/l	# 48
16) Acetone	3.866	43	757	1.838	ug/l	# 83
25) 2-Butanone	6.890	43	1302	2.333	ug/l	# 41
31) Cyclohexane	7.719	56	4737	1.474	ug/l	# 64
36) 1,1-Dichloropropene	7.707	75	14366	4.886	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	15926	5.386	ug/l	# 16
76) 1,2,3-Trichloropropane	12.407	75	65902	74.238	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	65902	159.683	ug/l	# 16

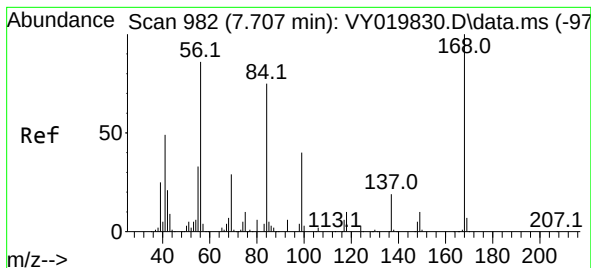
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
Data File : VY020257.D
Acq On : 11 Nov 2024 18:43
Operator : SY/MD
Sample : P4796-07
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 12 03:15:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

Instrument :

MSVOA_Y

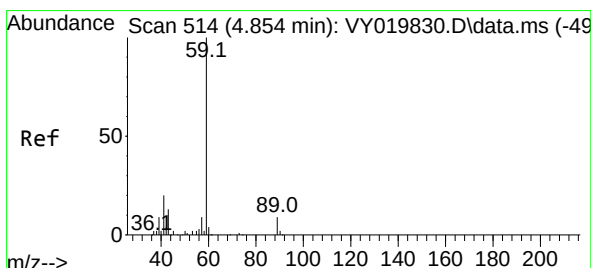
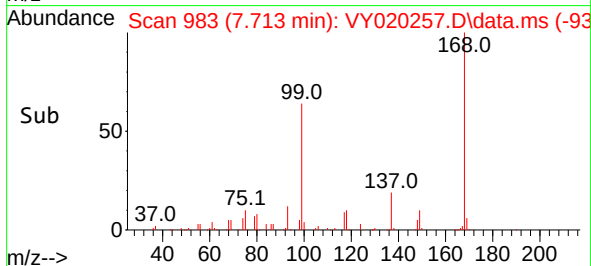
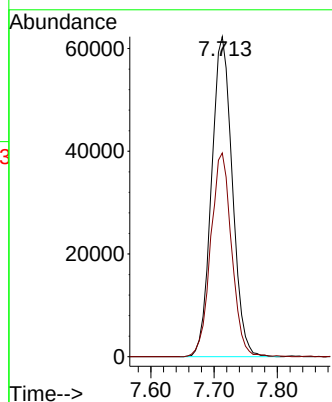
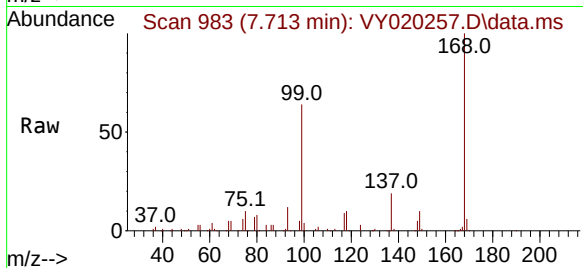
ClientSampleId :

Tgt Ion:168 Resp: 141869

Ion Ratio Lower Upper

168 100

99 63.7 39.1 58.7#



#11

Tert butyl alcohol

Concen: 2.505 ug/l

RT: 4.848 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY020257.D

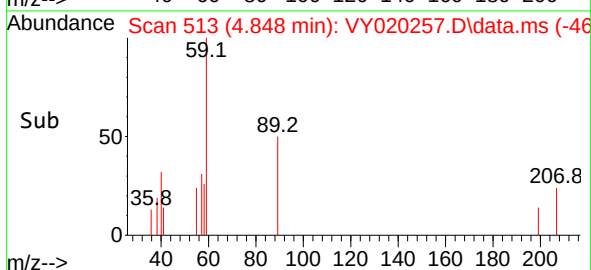
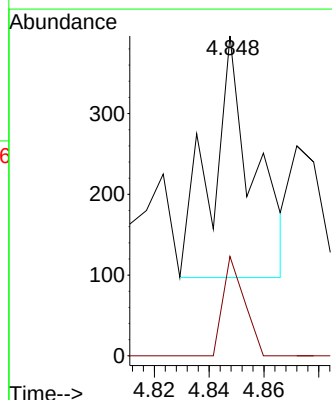
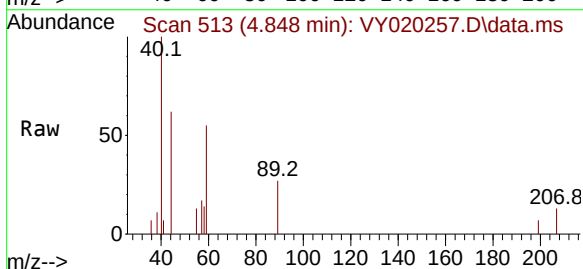
Acq: 11 Nov 2024 18:43

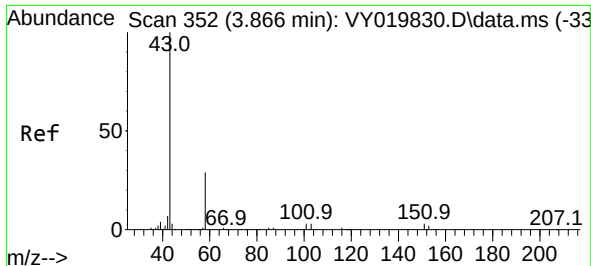
Tgt Ion: 59 Resp: 319

Ion Ratio Lower Upper

59 100

57 21.0 3.0 4.6#

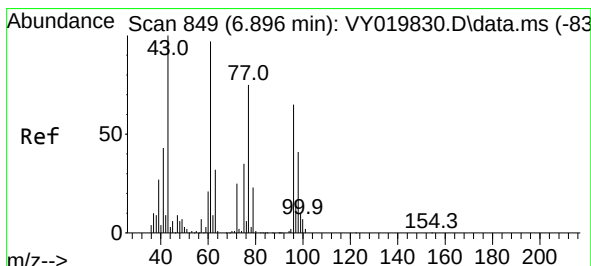
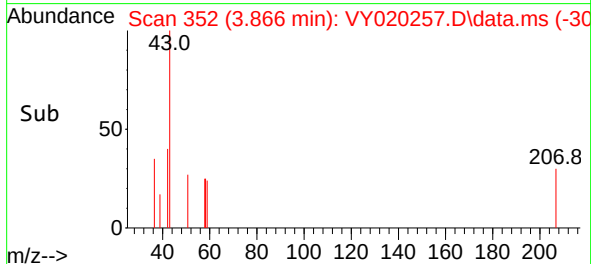
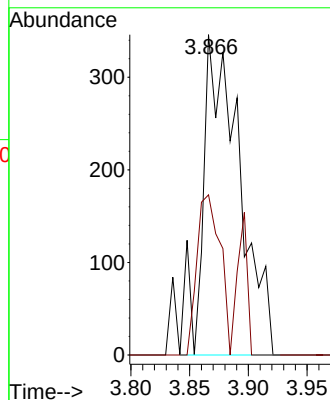
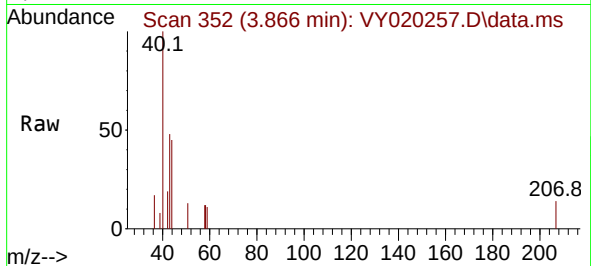




#16
Acetone
Concen: 1.838 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

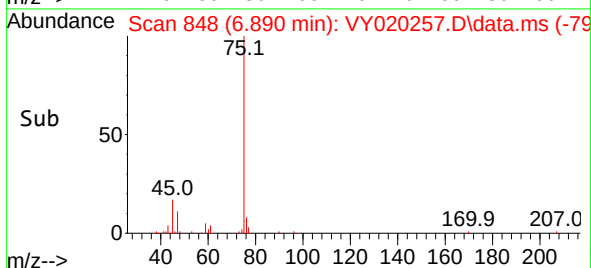
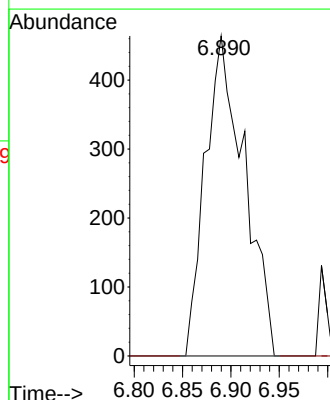
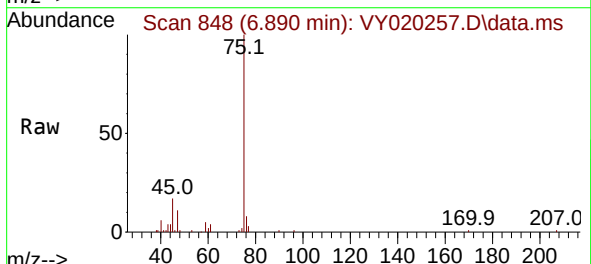
Instrument :
MSVOA_Y
ClientSampleId :

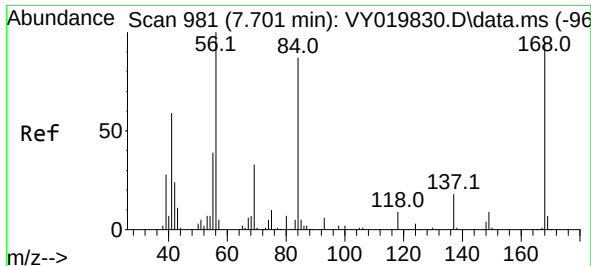
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
58 50.0 31.7 47.5#



#25
2-Butanone
Concen: 2.333 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

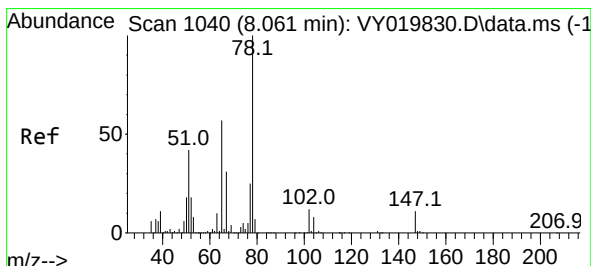
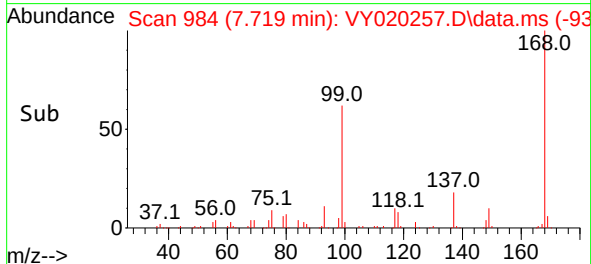
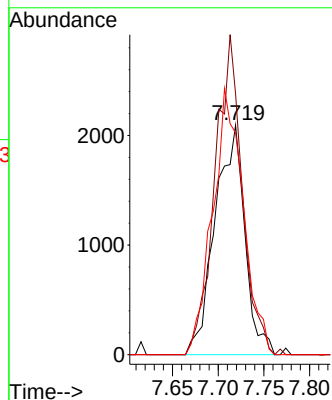
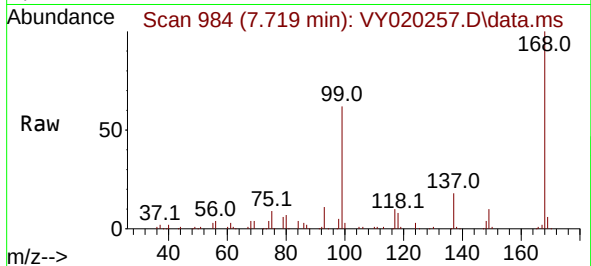




#31
Cyclohexane
Concen: 1.474 ug/l
RT: 7.719 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

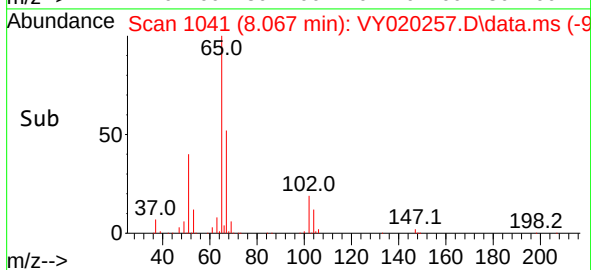
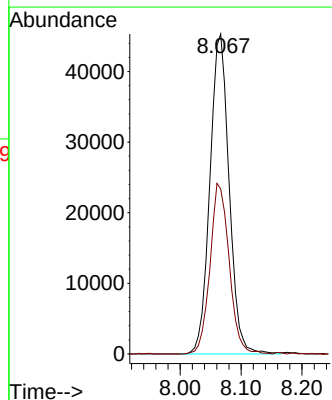
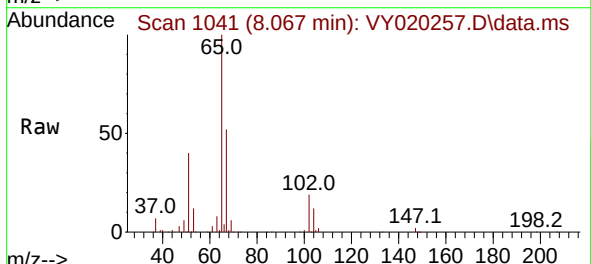
Instrument :
MSVOA_Y
ClientSampleId :

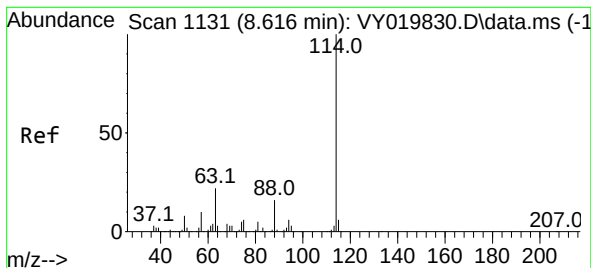
Tgt Ion: 56 Resp: 4737
Ion Ratio Lower Upper
56 100
69 113.7 28.7 43.1#
84 96.7 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.966 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

Tgt Ion: 65 Resp: 99094
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

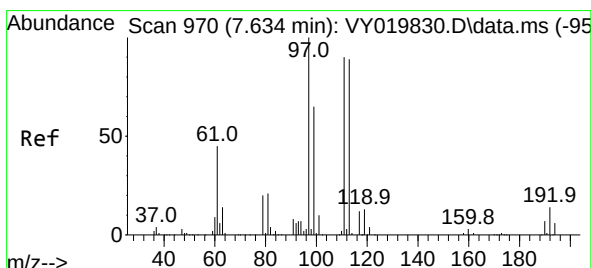
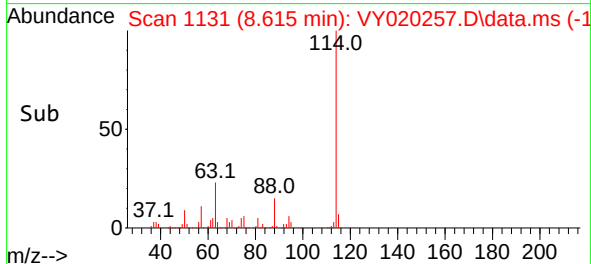
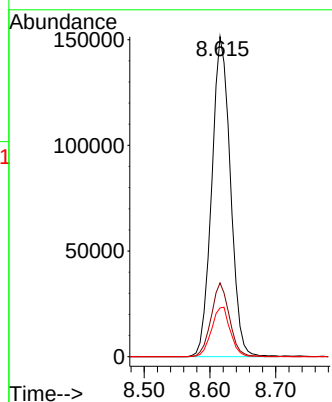
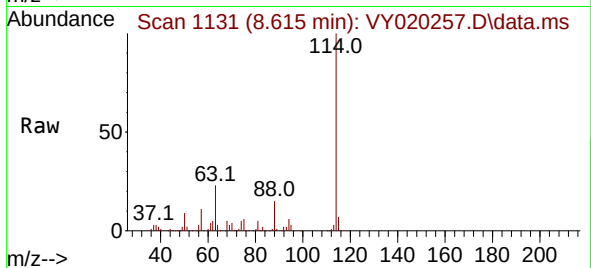
Tgt Ion:114 Resp: 299368

Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.0

88 15.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.267 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

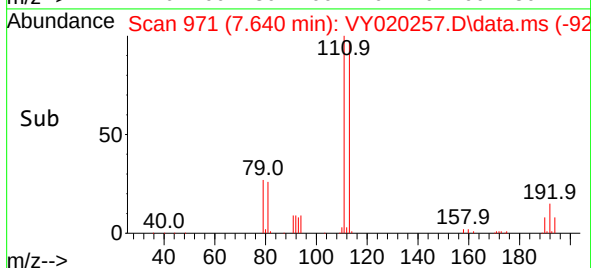
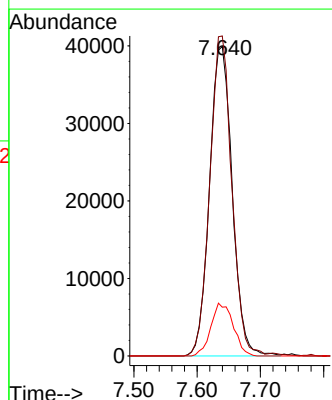
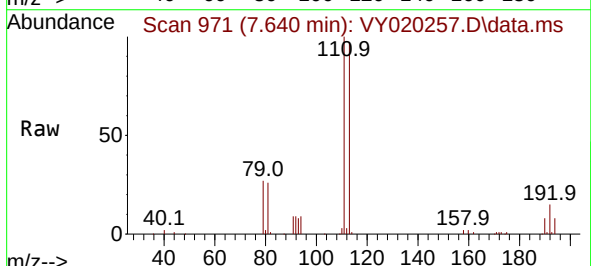
Tgt Ion:113 Resp: 99484

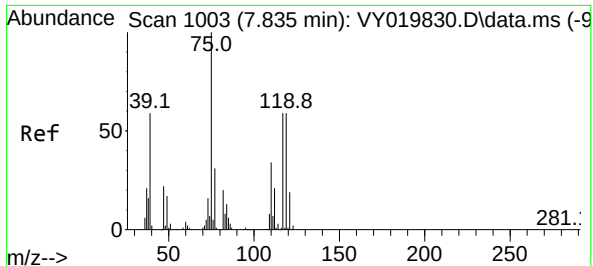
Ion Ratio Lower Upper

113 100

111 100.2 82.2 123.4

192 16.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.886 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

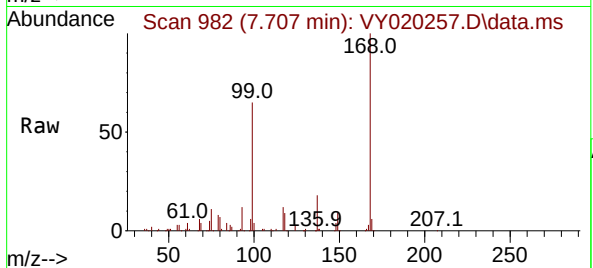
Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :



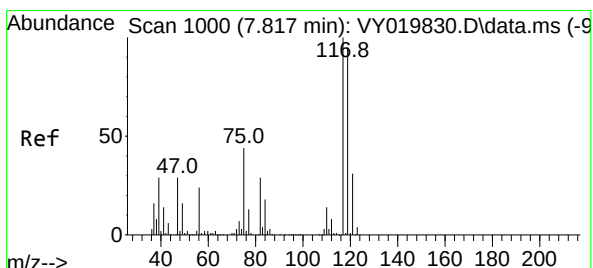
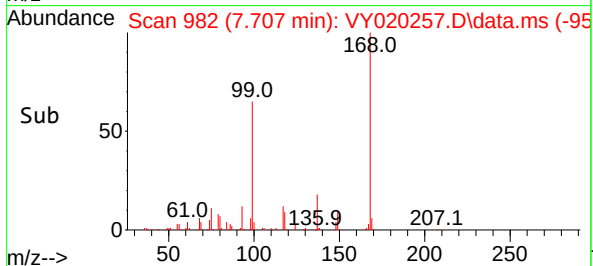
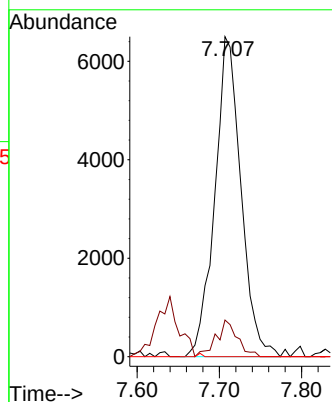
Tgt Ion: 75 Resp: 14366

Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.386 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

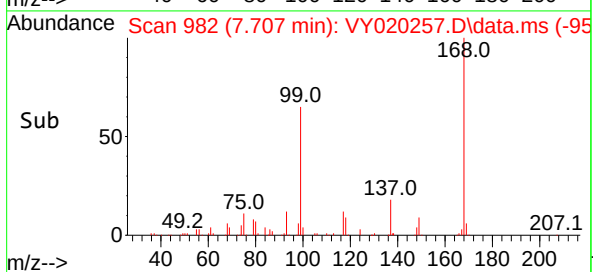
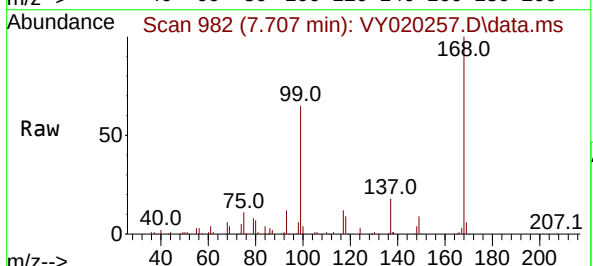
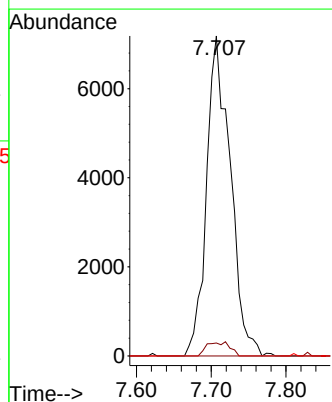
Tgt Ion: 117 Resp: 15926

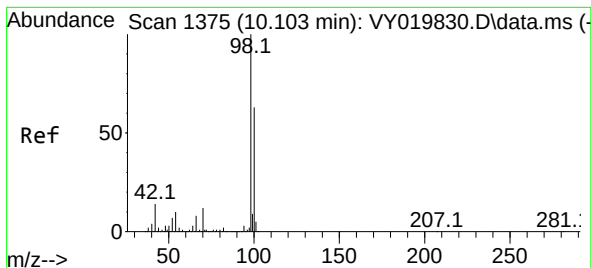
Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.6#

121 0.0 24.0 36.0#

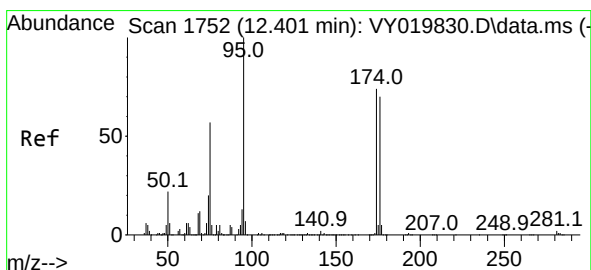
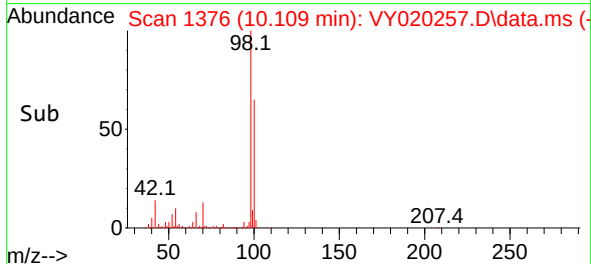
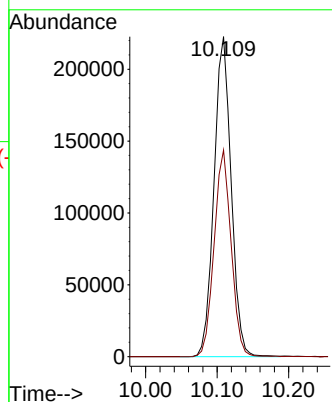
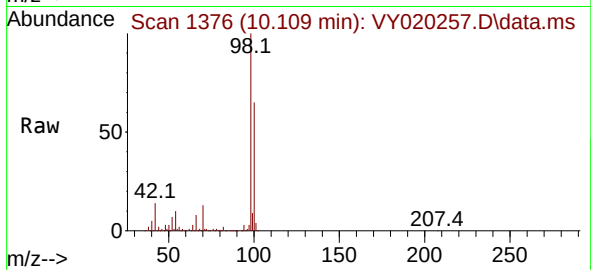




#50
Toluene-d8
Concen: 48.952 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

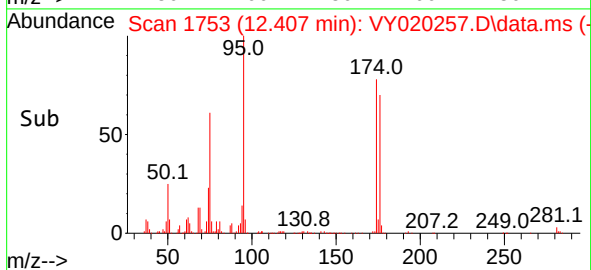
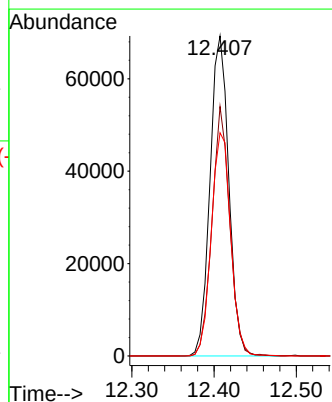
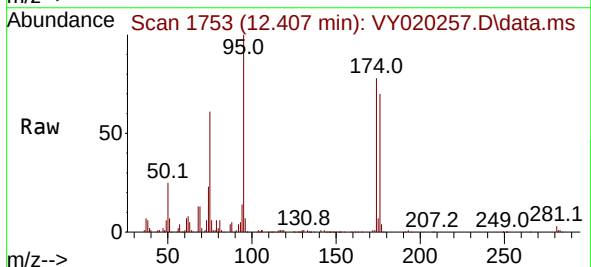
Instrument :
MSVOA_Y
ClientSampleId :

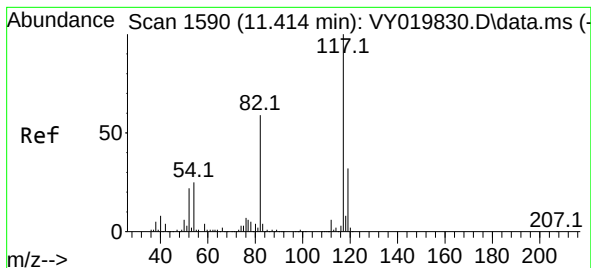
Tgt Ion: 98 Resp: 370880
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.635 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

Tgt Ion: 95 Resp: 109841
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 72.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

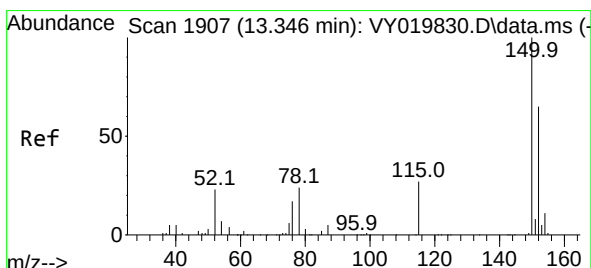
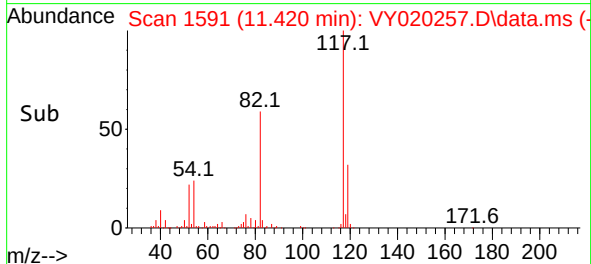
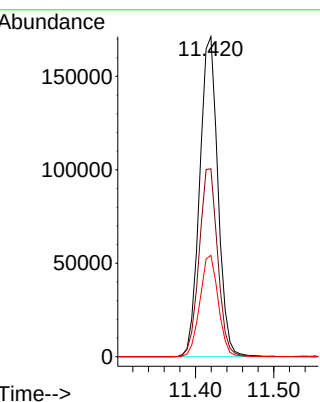
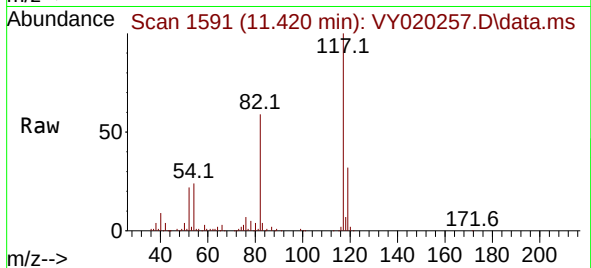
Tgt Ion:117 Resp: 276598

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020257.D

Acq: 11 Nov 2024 18:43

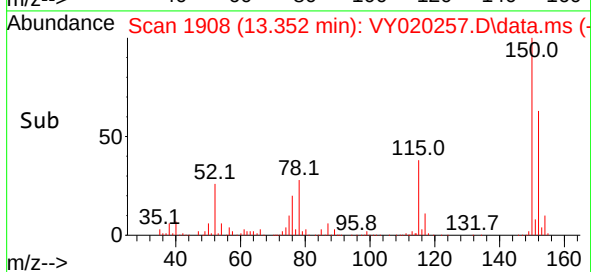
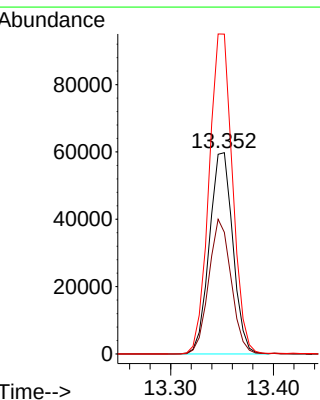
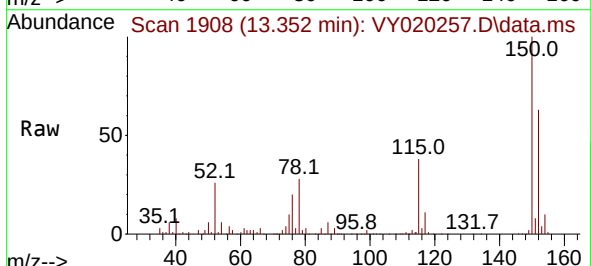
Tgt Ion:152 Resp: 94700

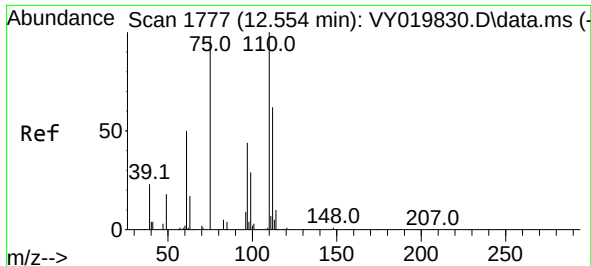
Ion Ratio Lower Upper

152 100

115 64.0 28.2 84.7

150 159.1 0.0 345.6

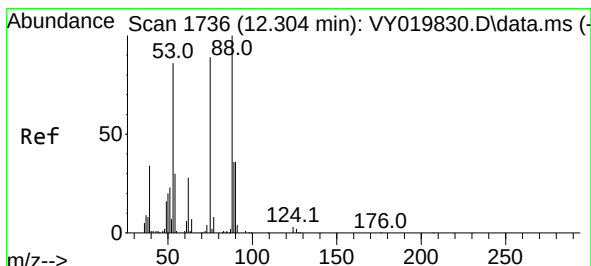
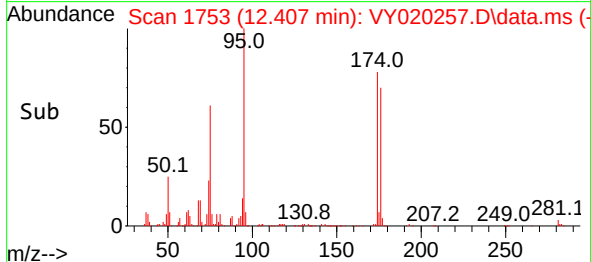
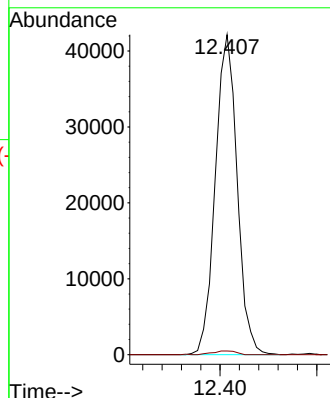
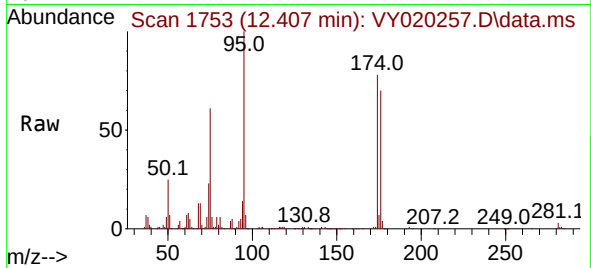




#76
1,2,3-Trichloropropane
Concen: 74.238 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 65902
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 159.683 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020257.D
Acq: 11 Nov 2024 18:43

Tgt Ion: 75 Resp: 65902
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

