

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020060.D
 Acq On : 29 Oct 2024 14:49
 Operator : SY/MD
 Sample : P4561-07
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:25:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

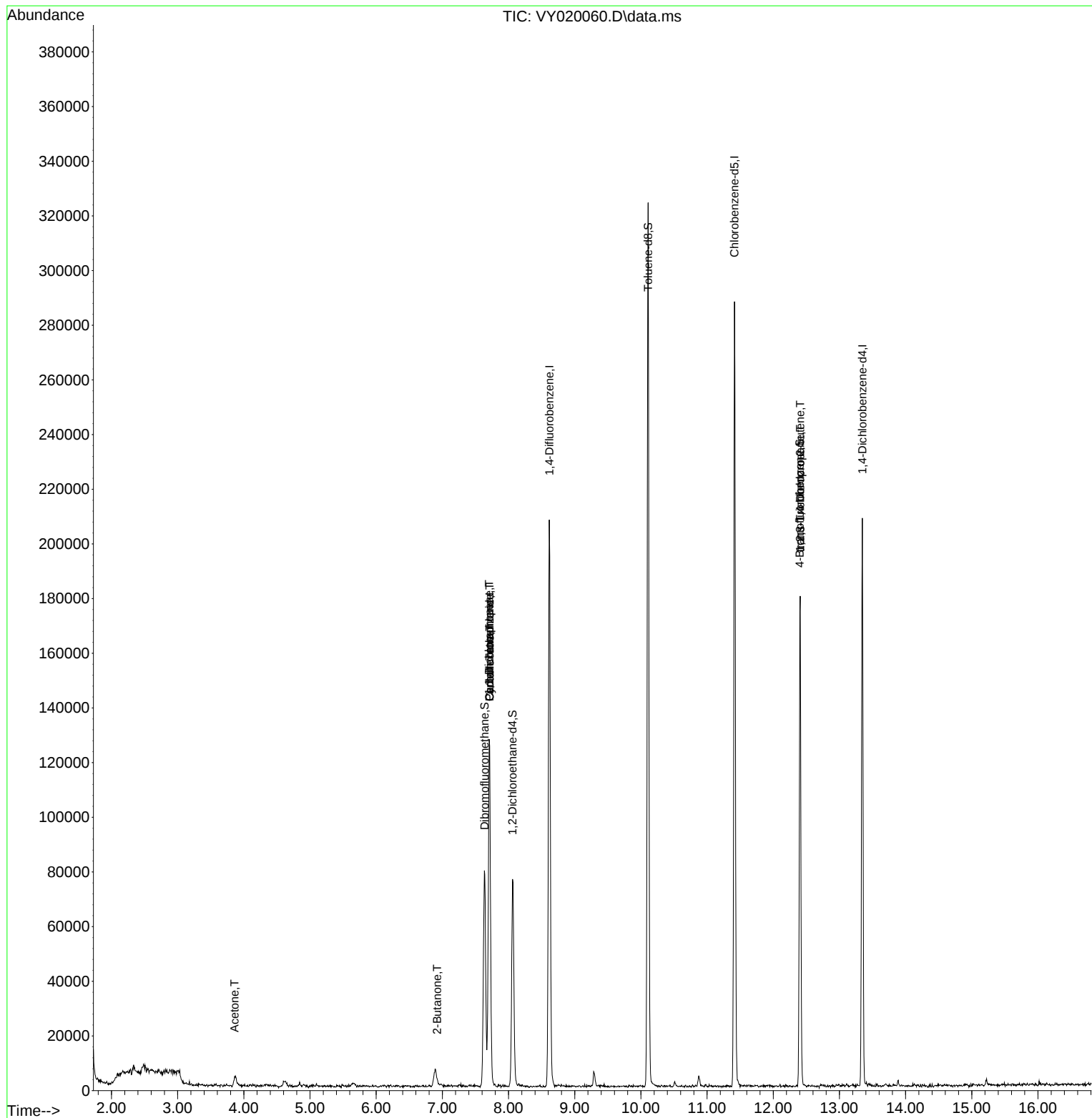
Internal Standards						
1) Pentafluorobenzene	7.713	168	86413	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	165704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	140478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	44618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	58696	55.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.340%	
35) Dibromofluoromethane	7.640	113	55514	50.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.540%	
50) Toluene-d8	10.109	98	200339	49.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.402	95	54140	37.106	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 74.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	301	Below Cal	#	9
16) Acetone	3.860	43	6022	21.742	ug/l	95
25) 2-Butanone	6.921	43	1533	4.135	ug/l	# 41
31) Cyclohexane	7.713	56	2517	1.416	ug/l	# 20
36) 1,1-Dichloropropene	7.707	75	9270	5.884	ug/l	# 50
38) Carbon Tetrachloride	7.713	117	9821	5.815	ug/l	# 18
76) 1,2,3-Trichloropropane	12.408	75	32636	37.338	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	32636	150.712	ug/l	# 16

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

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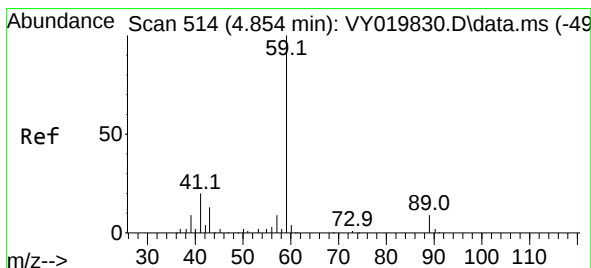
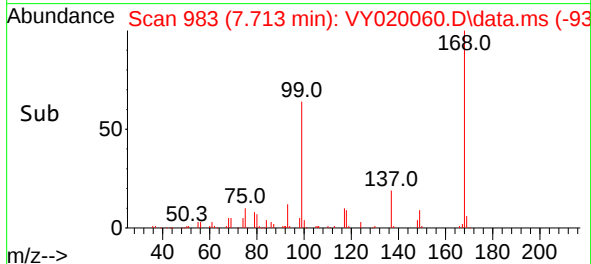
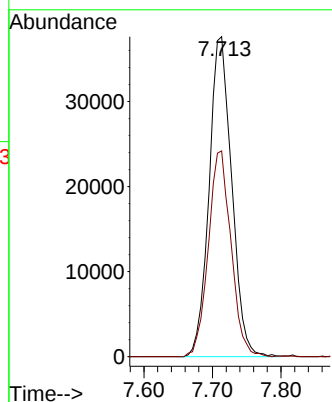
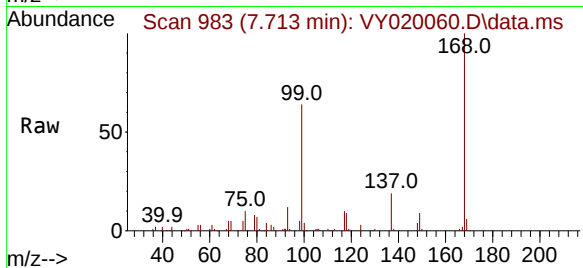




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

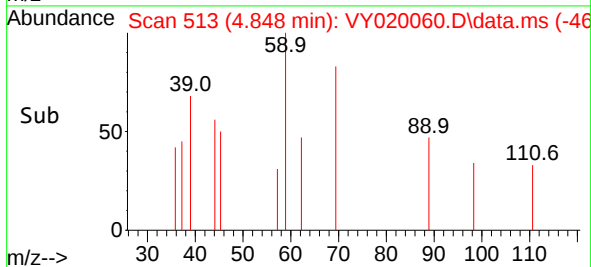
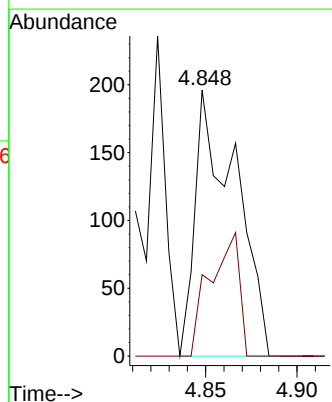
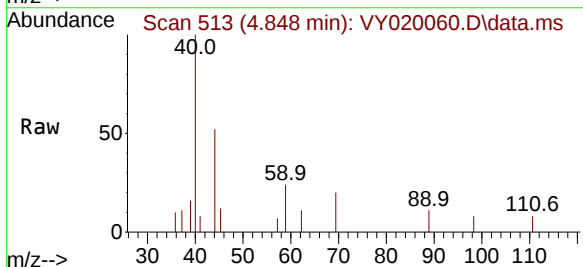
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 86413
Ion Ratio Lower Upper
168 100
99 64.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

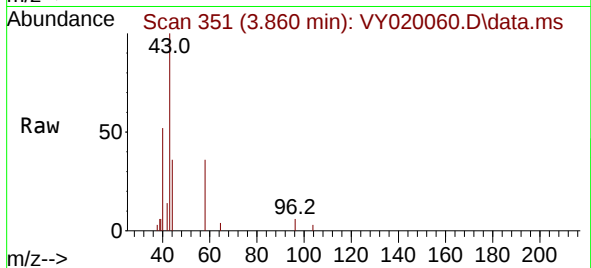
Tgt Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 33.9 3.0 4.6#



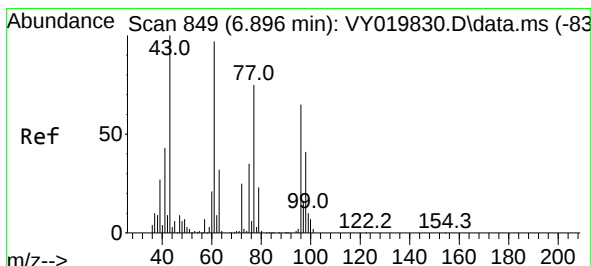
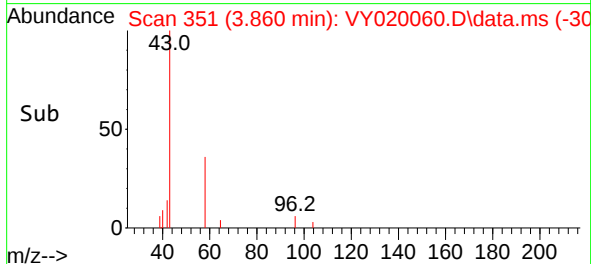
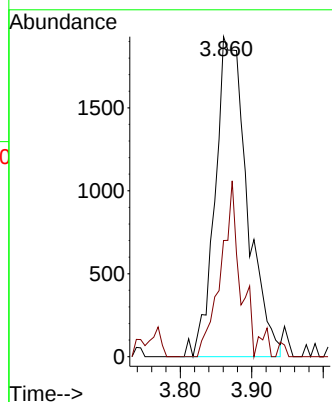


#16
Acetone
Concen: 21.742 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

Instrument :
MSVOA_Y
ClientSampleId :

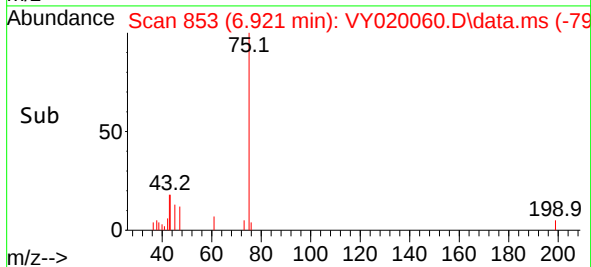
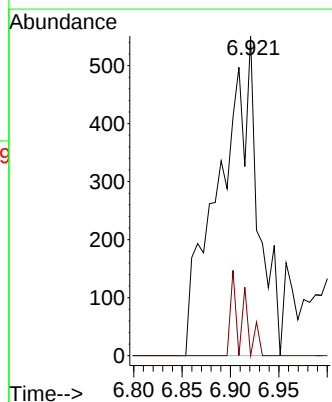
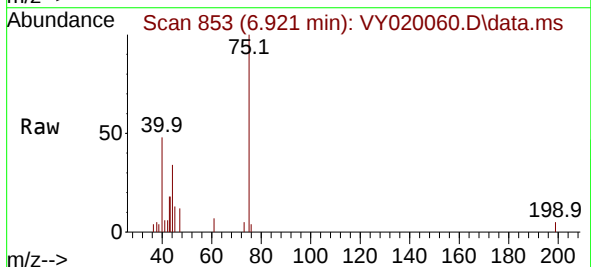


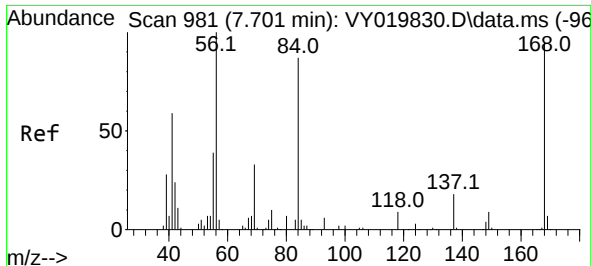
Tgt Ion: 43 Resp: 6022
Ion Ratio Lower Upper
43 100
58 36.3 31.7 47.5



#25
2-Butanone
Concen: 4.135 ug/l
RT: 6.921 min Scan# 853
Delta R.T. 0.031 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

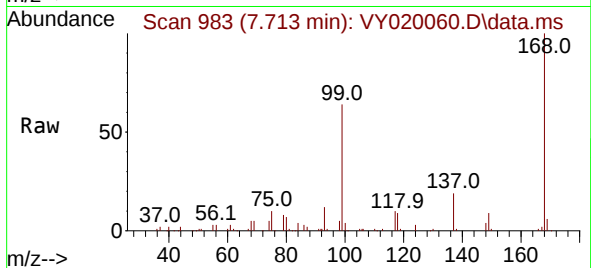
Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



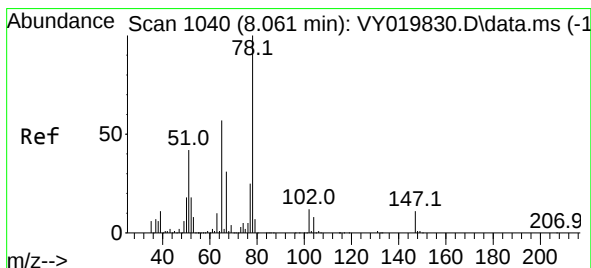
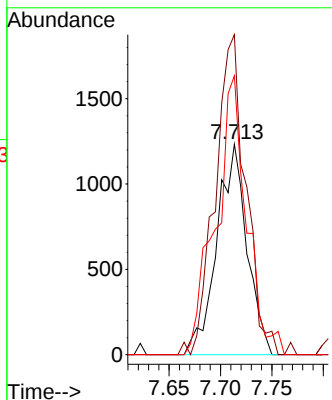
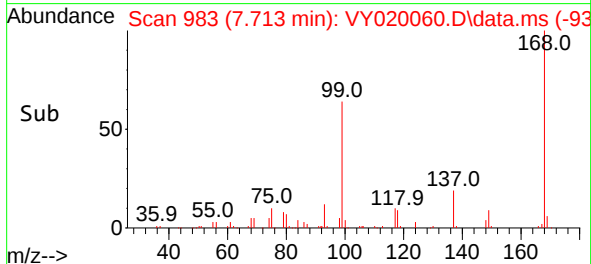


#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

Instrument :
MSVOA_Y
ClientSampleId :

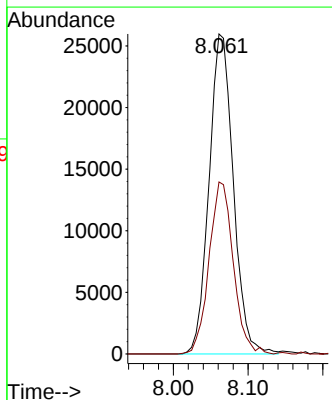
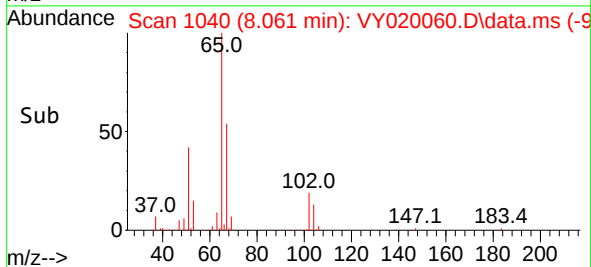
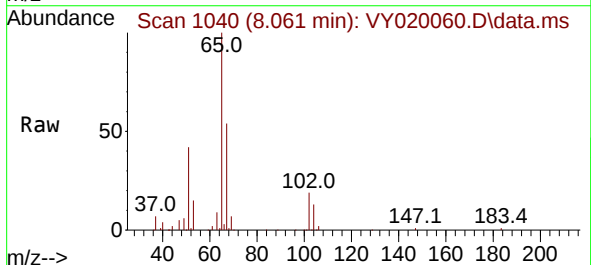


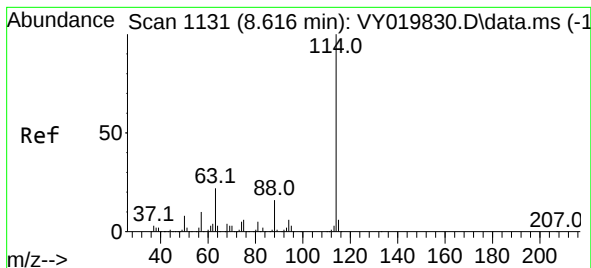
Tgt Ion: 56 Resp: 2517
Ion Ratio Lower Upper
56 100
69 151.9 28.7 43.1#
84 132.4 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.165 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

Tgt Ion: 65 Resp: 58696
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020060.D

Acq: 29 Oct 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

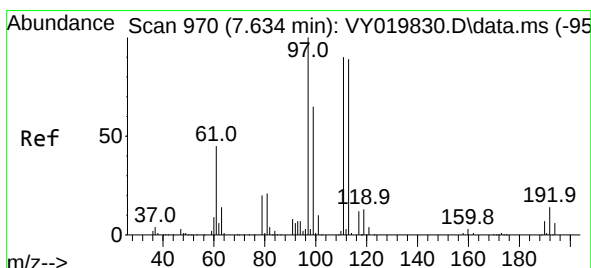
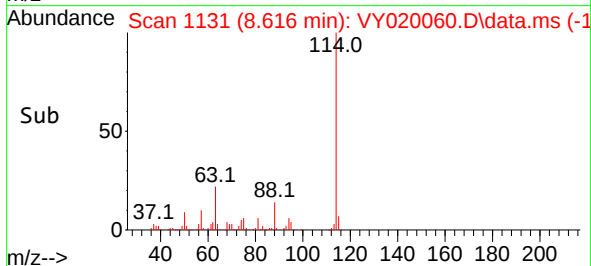
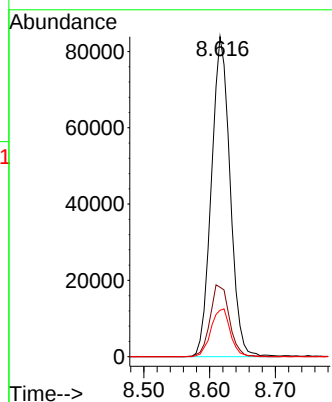
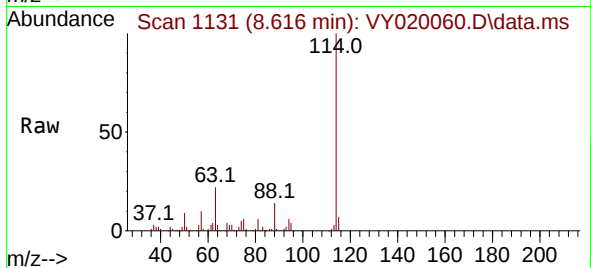
Tgt Ion:114 Resp: 165704

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.769 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.007 min

Lab File: VY020060.D

Acq: 29 Oct 2024 14:49

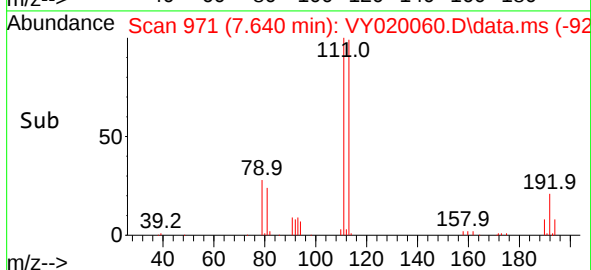
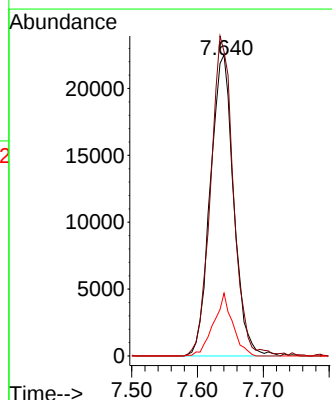
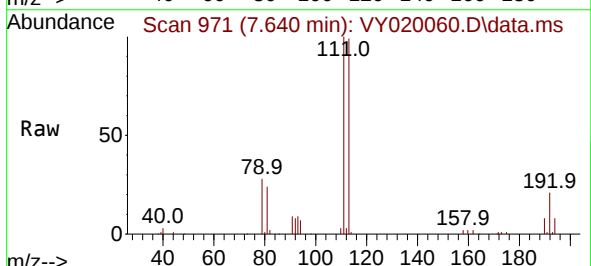
Tgt Ion:113 Resp: 55514

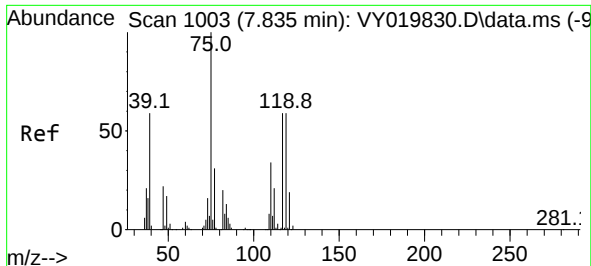
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.0 15.9 23.9

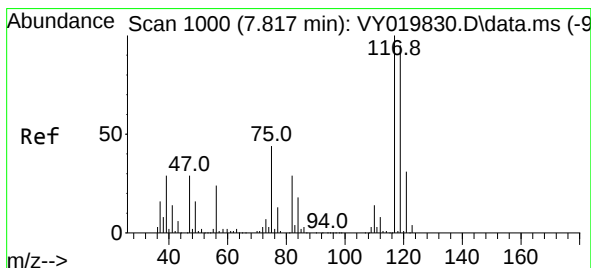
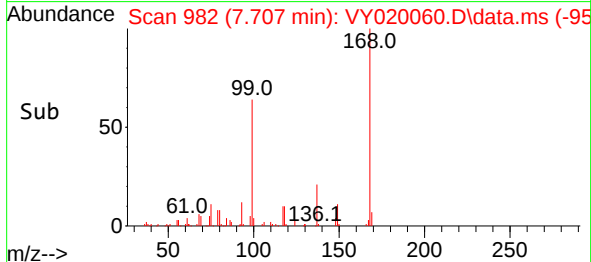
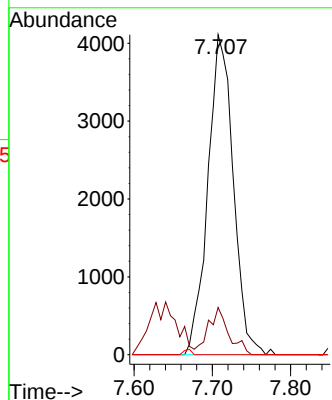
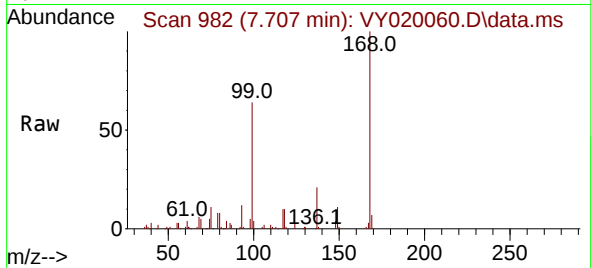




#36
1,1-Dichloropropene
Concen: 5.884 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

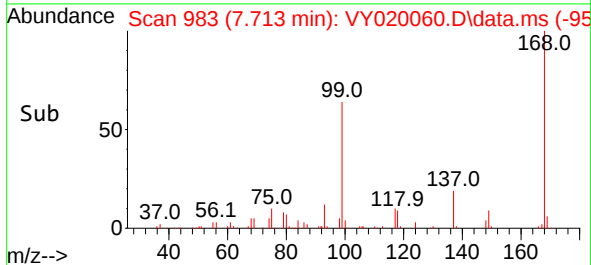
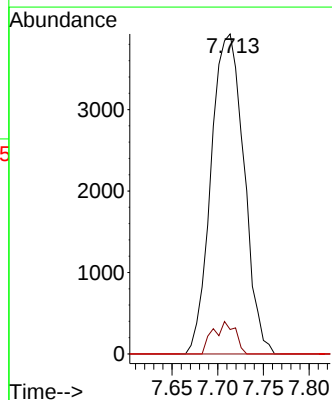
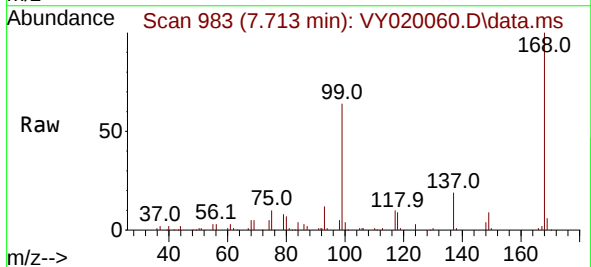
Instrument :
MSVOA_Y
ClientSampleId :

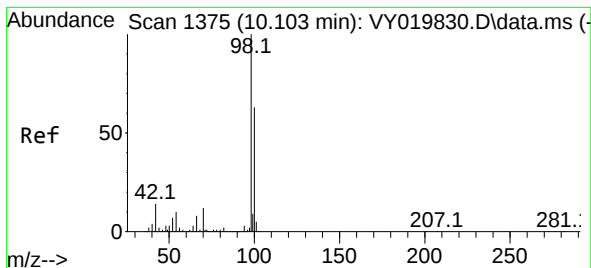
Tgt Ion: 75 Resp: 9270
Ion Ratio Lower Upper
75 100
110 11.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.103 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

Tgt Ion: 117 Resp: 9821
Ion Ratio Lower Upper
117 100
119 7.6 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 49.613 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020060.D

Acq: 29 Oct 2024 14:49

Instrument :

MSVOA_Y

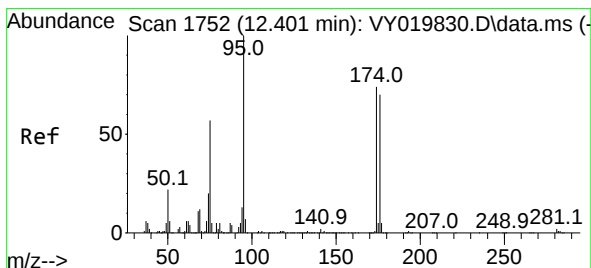
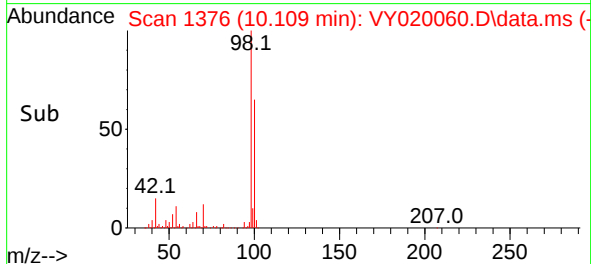
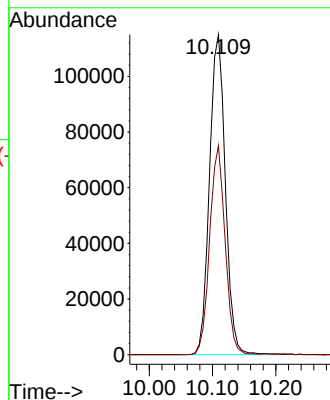
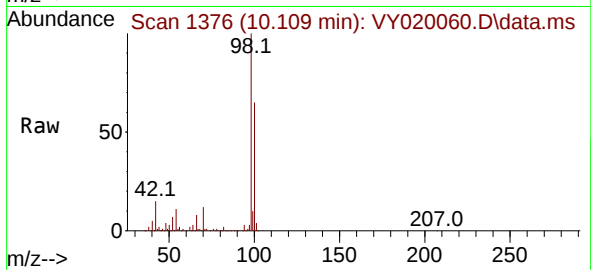
ClientSampleId :

Tgt Ion: 98 Resp: 200339

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 37.106 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020060.D

Acq: 29 Oct 2024 14:49

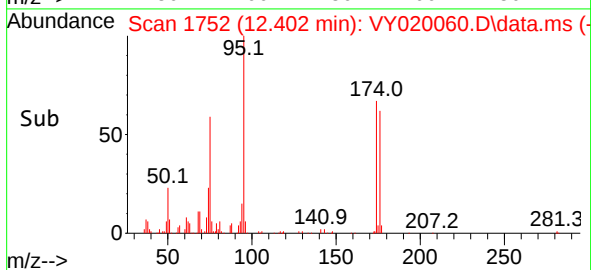
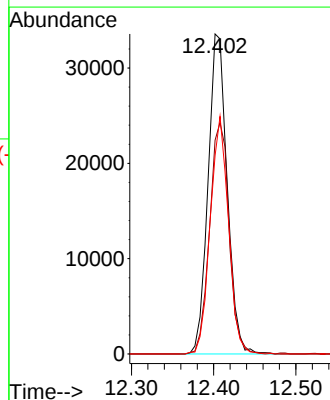
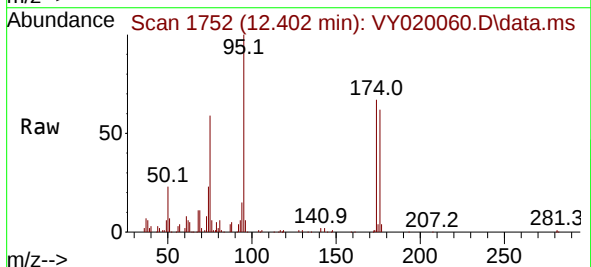
Tgt Ion: 95 Resp: 54140

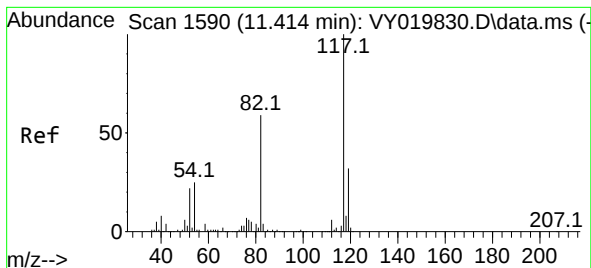
Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 71.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020060.D

Acq: 29 Oct 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

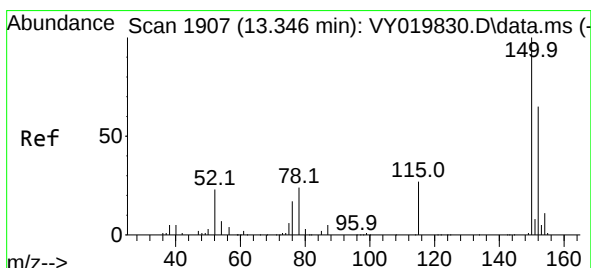
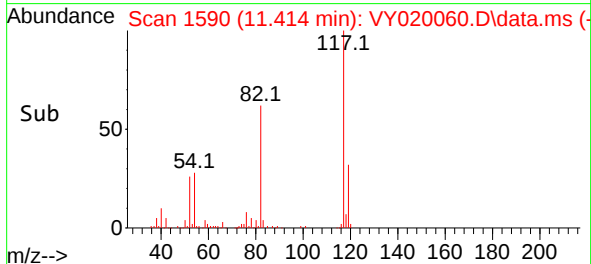
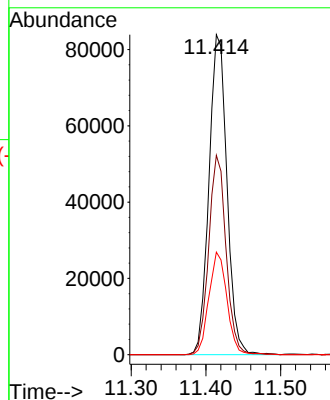
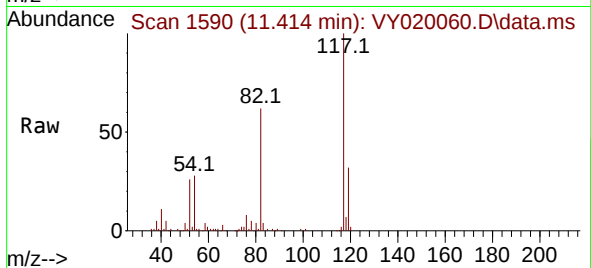
Tgt Ion:117 Resp: 140478

Ion Ratio Lower Upper

117 100

82 62.3 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020060.D

Acq: 29 Oct 2024 14:49

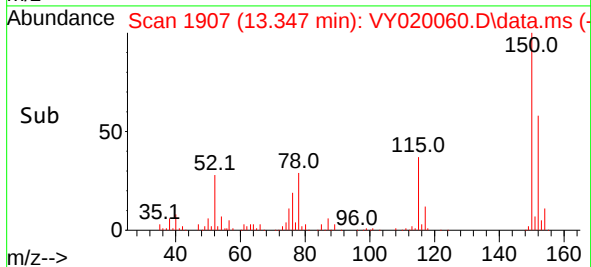
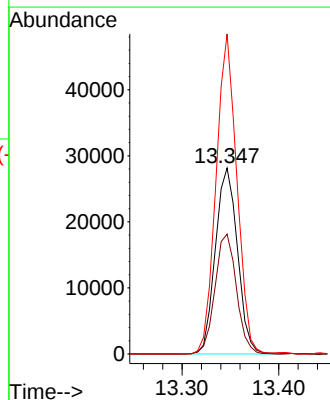
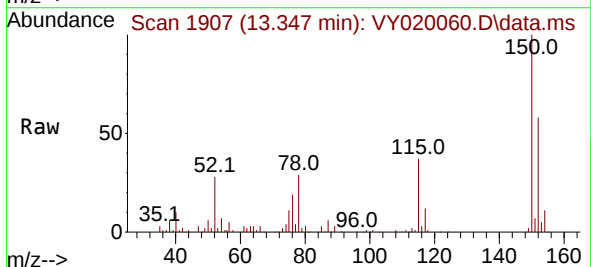
Tgt Ion:152 Resp: 44618

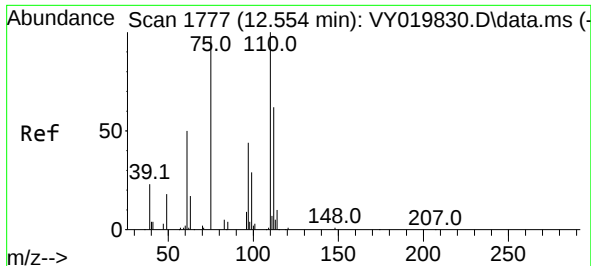
Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 161.7 0.0 345.6

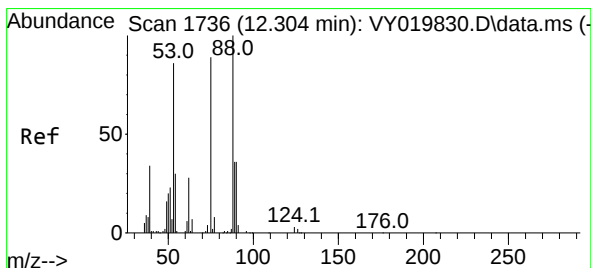
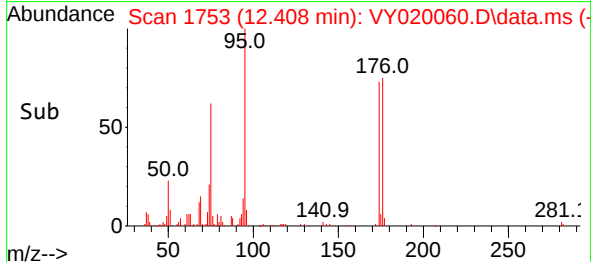
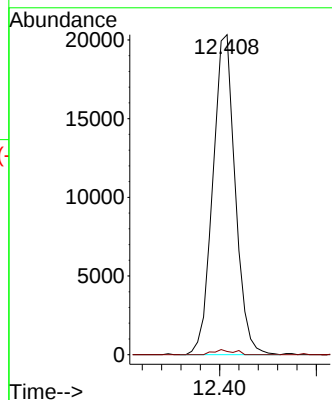
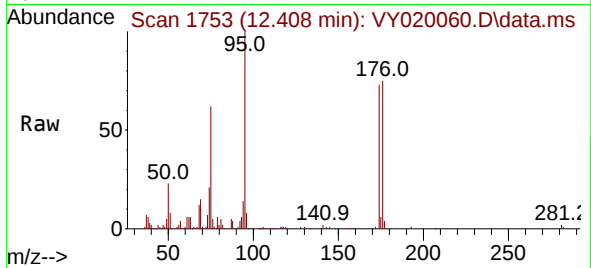




#76
1,2,3-Trichloropropane
Concen: 37.338 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32636
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 150.712 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

Tgt Ion: 75 Resp: 32636
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#

