

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020420.D
 Acq On : 22 Nov 2024 17:57
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 00:04:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

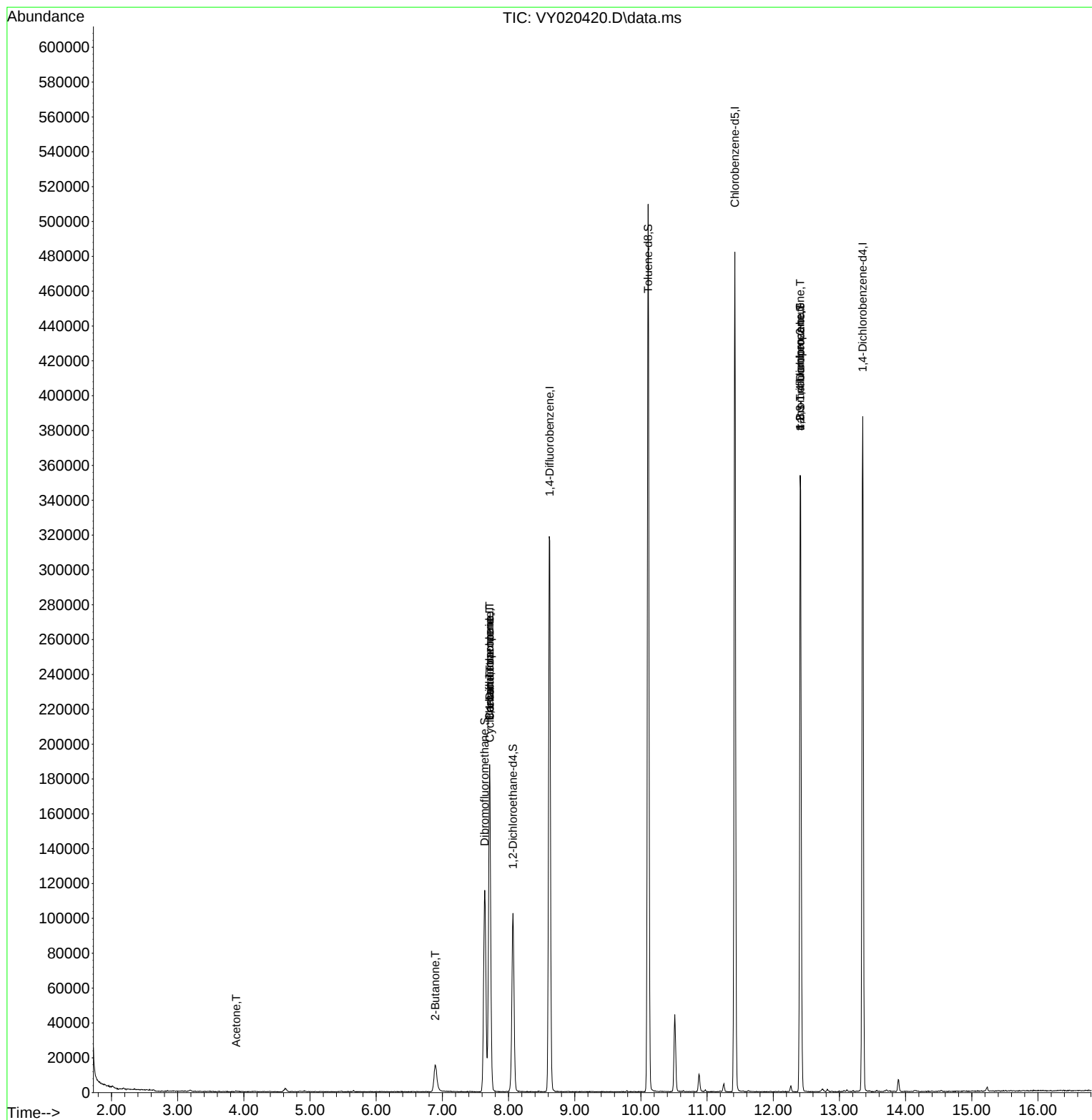
Internal Standards						
1) Pentafluorobenzene	7.713	168	136860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	261093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	242911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	95410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	82563	52.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.020%
35) Dibromofluoromethane	7.640	113	82298	49.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.320%
50) Toluene-d8	10.109	98	319672	48.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.408	95	104155	49.128	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	25	Below Cal	#	41
11) Tert butyl alcohol	4.872	59	57	Below Cal	#	73
16) Acetone	3.885	43	566	1.502	ug/l	92
25) 2-Butanone	6.890	43	952	1.962	ug/l #	50
31) Cyclohexane	7.719	56	3072	1.048	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	11305	4.421	ug/l #	52
38) Carbon Tetrachloride	7.713	117	14684	5.500	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	58565	65.125	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	58565	127.610	ug/l #	9

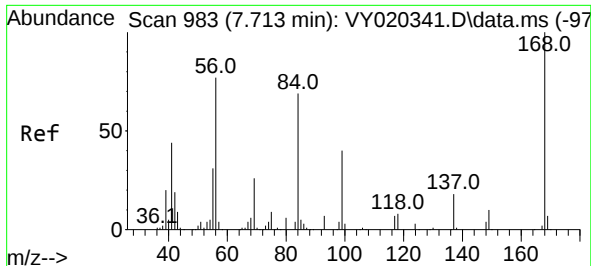
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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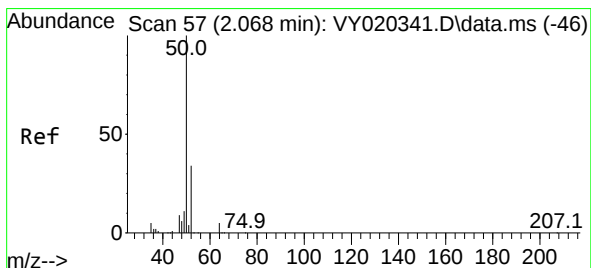
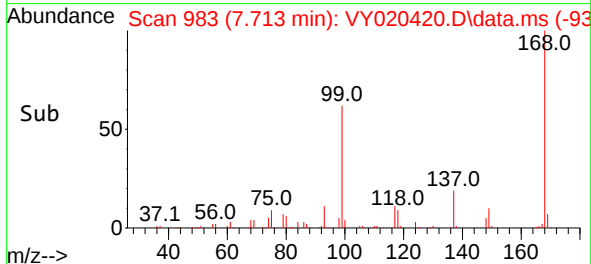
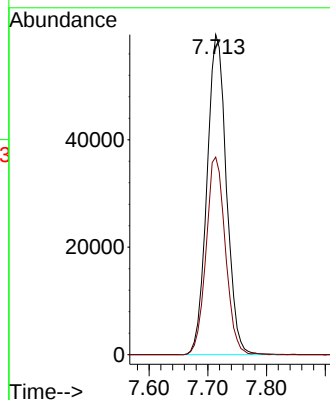
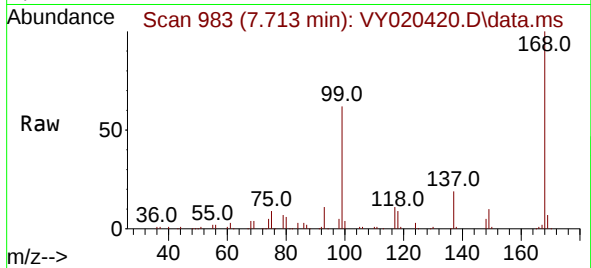




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

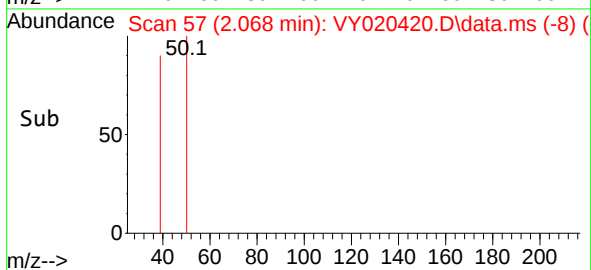
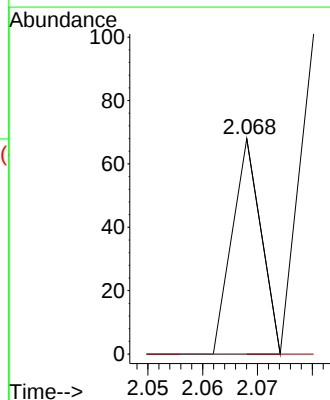
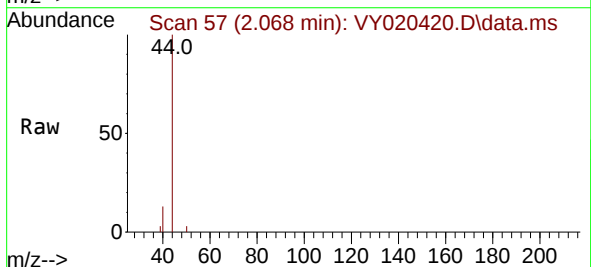
Instrument :
MSVOA_Y
ClientSampleId :

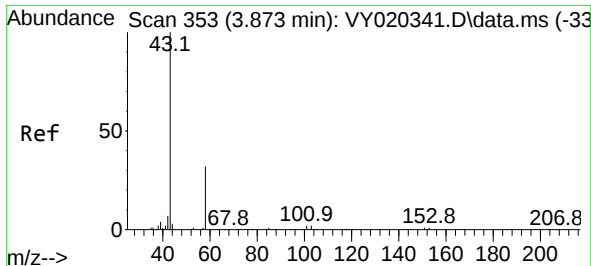
Tgt Ion:168 Resp: 136860
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

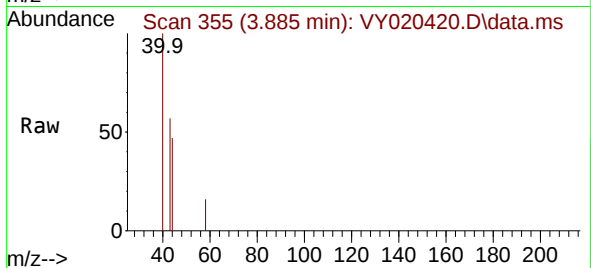
Tgt Ion: 50 Resp: 25
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



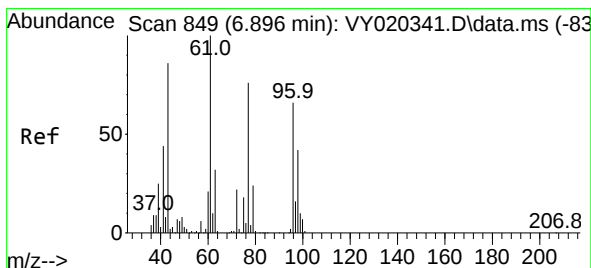
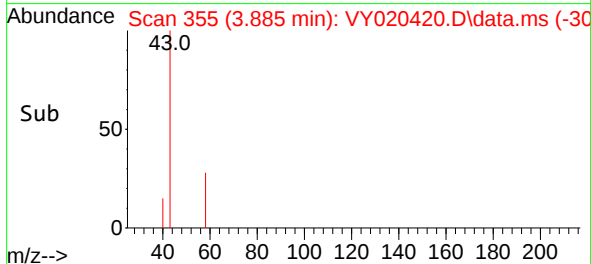
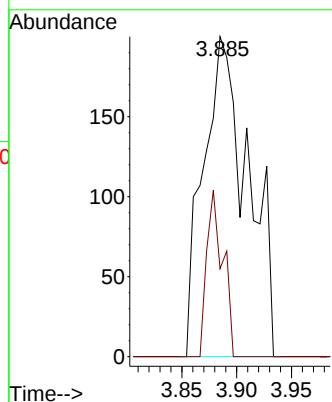


#16
Acetone
Concen: 1.502 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

Instrument :
MSVOA_Y
ClientSampleId :

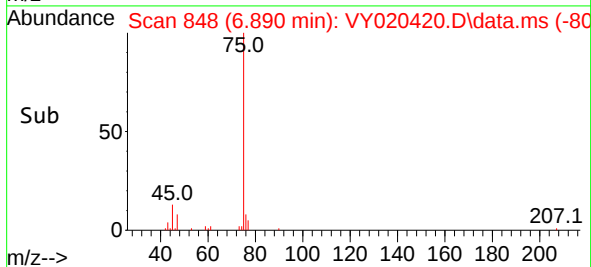
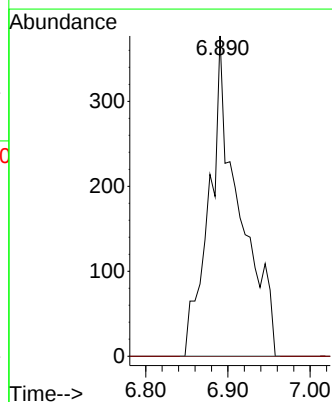
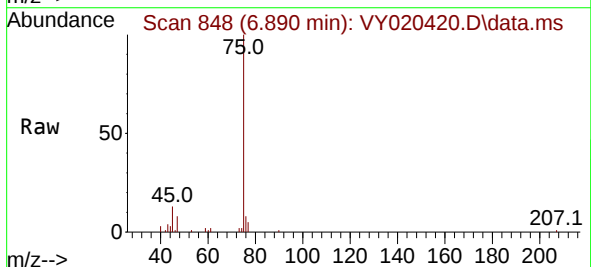


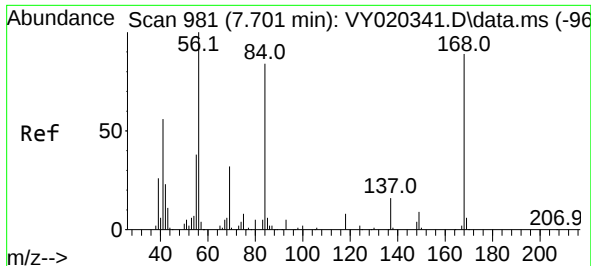
Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
58 27.5 25.7 38.5



#25
2-Butanone
Concen: 1.962 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

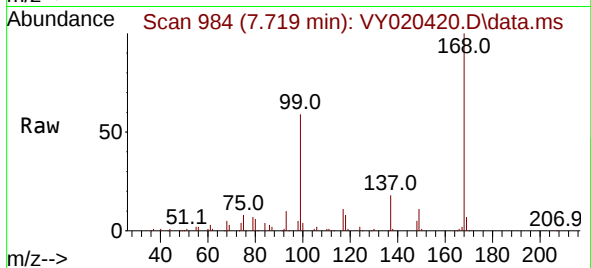
Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



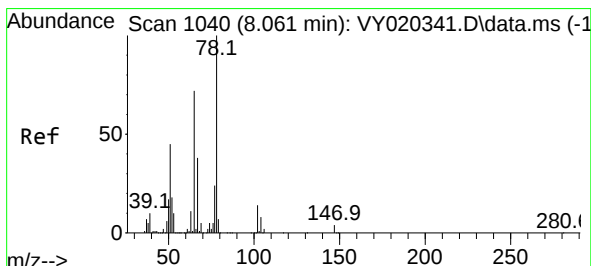
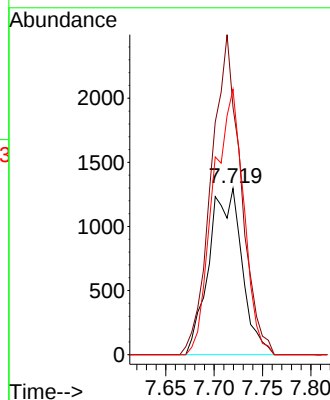
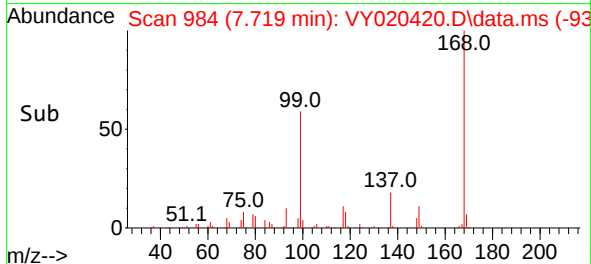


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 7.719 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

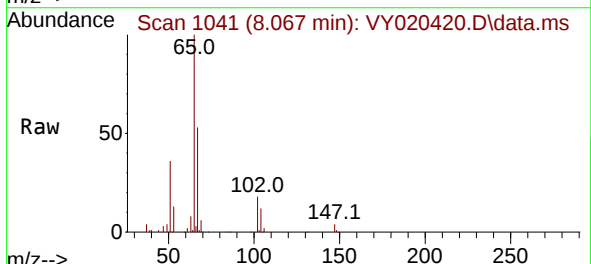
Instrument :
MSVOA_Y
ClientSampleId :



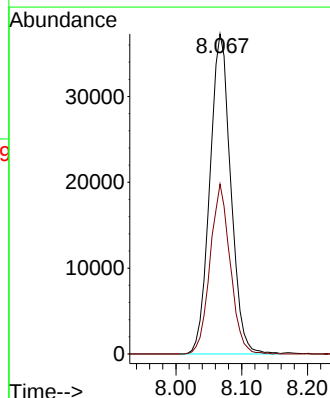
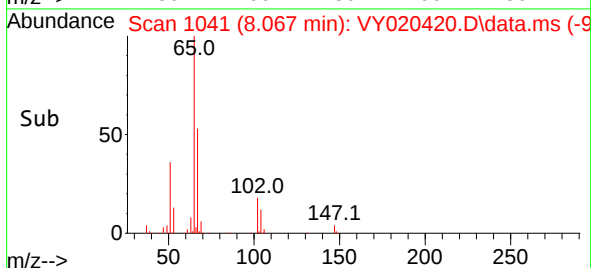
Tgt Ion: 56 Resp: 3072
Ion Ratio Lower Upper
56 100
69 148.9 25.3 37.9#
84 159.6 66.9 100.3#

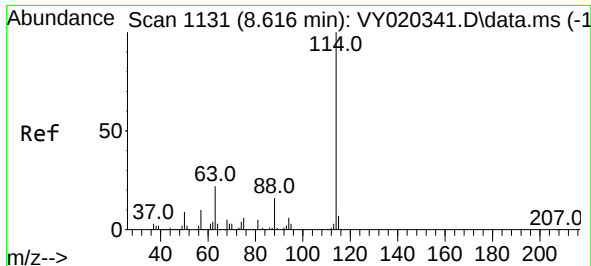


#33
1,2-Dichloroethane-d4
Concen: 52.509 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57



Tgt Ion: 65 Resp: 82563
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY020420.D

Acq: 22 Nov 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

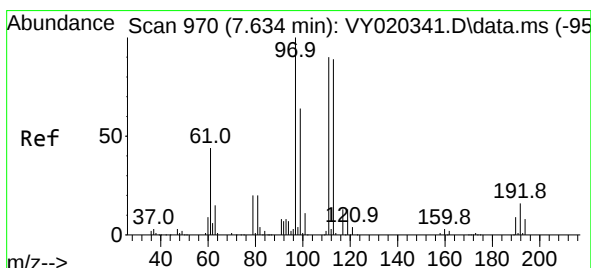
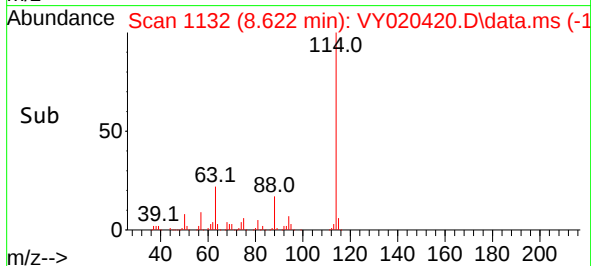
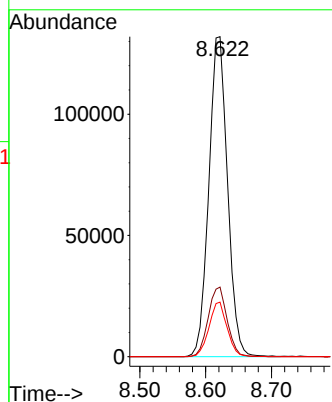
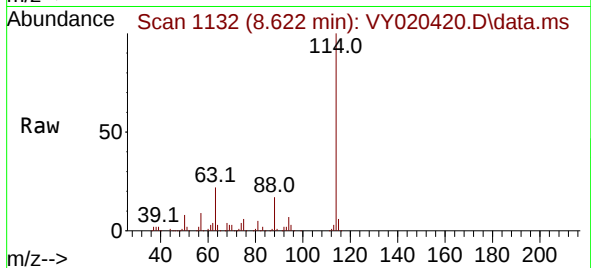
Tgt Ion:114 Resp: 261093

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.8

88 17.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.157 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020420.D

Acq: 22 Nov 2024 17:57

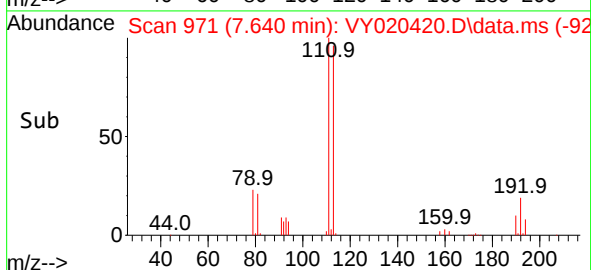
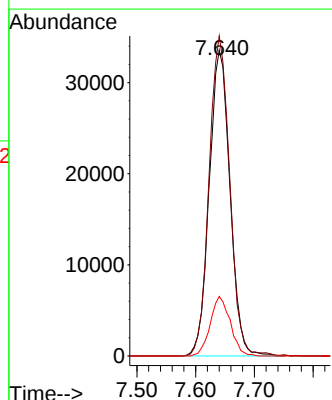
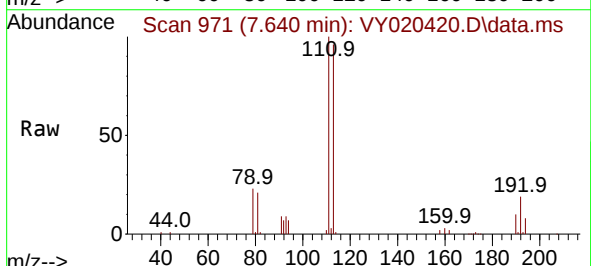
Tgt Ion:113 Resp: 82298

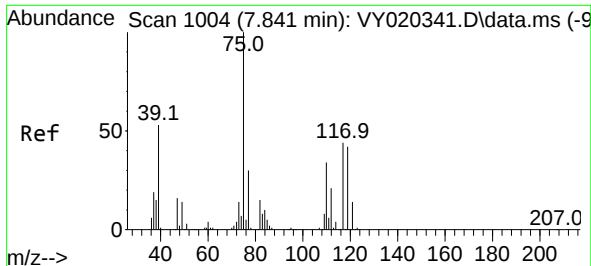
Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

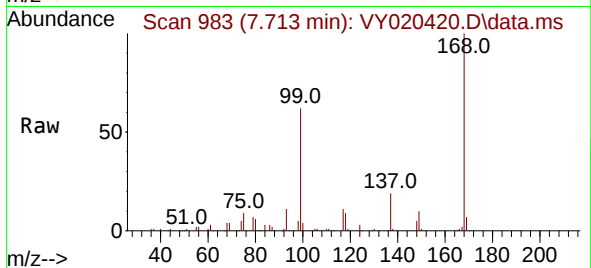
192 18.8 15.1 22.7



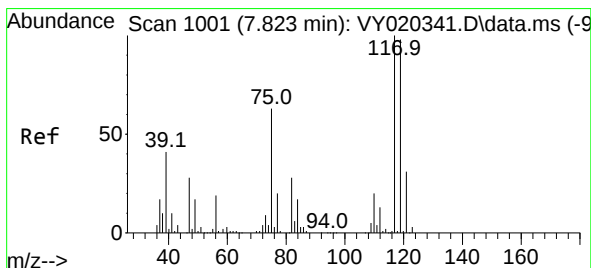
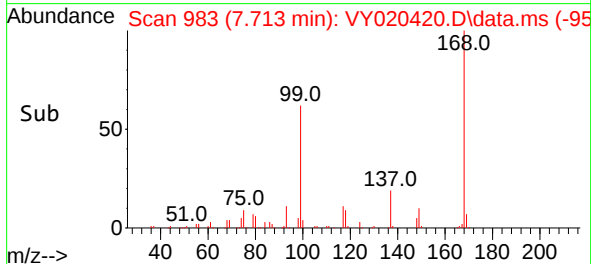
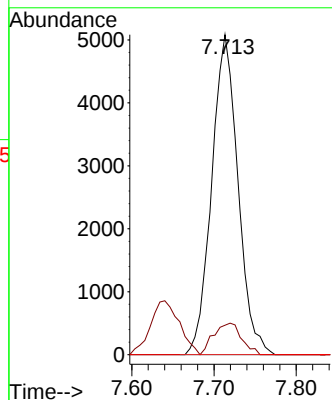


#36
1,1-Dichloropropene
Concen: 4.421 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

Instrument :
MSVOA_Y
ClientSampleId :

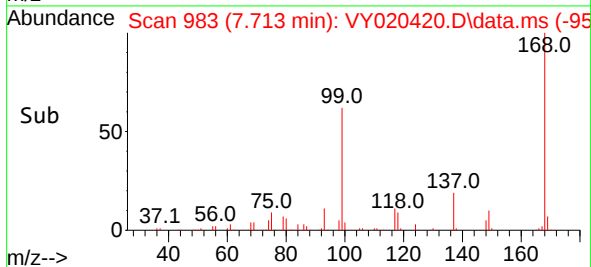
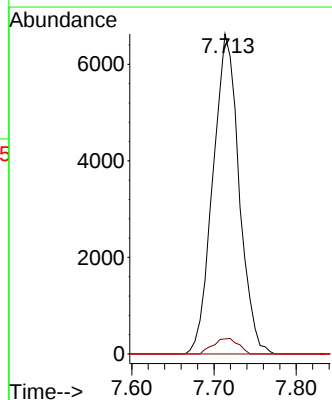
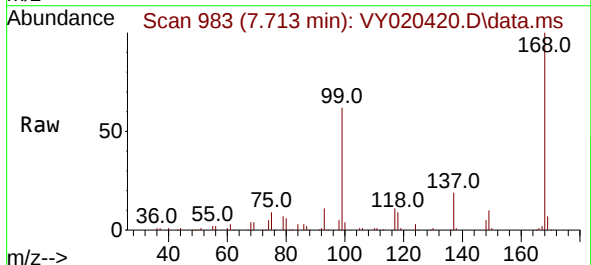


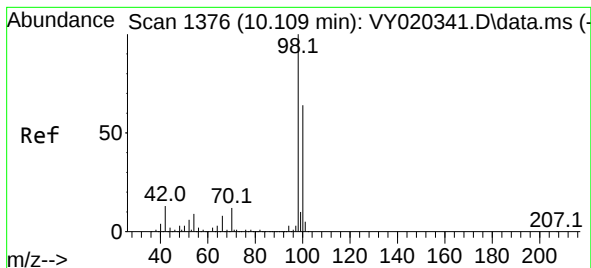
Tgt Ion: 75 Resp: 11305
Ion Ratio Lower Upper
75 100
110 10.5 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

Tgt Ion: 117 Resp: 14684
Ion Ratio Lower Upper
117 100
119 4.7 77.8 116.6#
121 0.0 24.6 37.0#

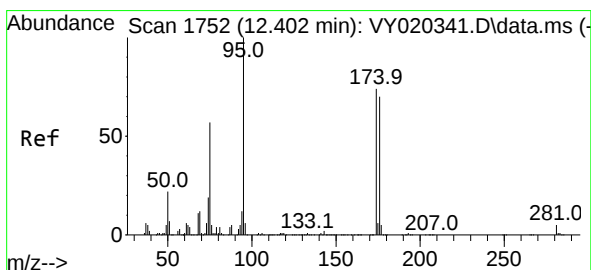
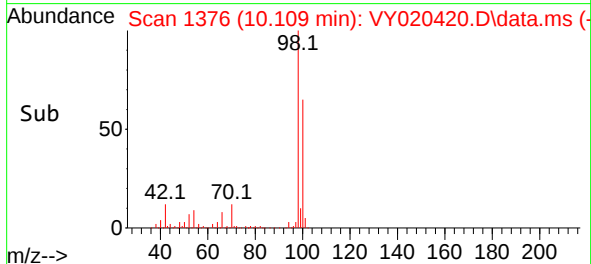
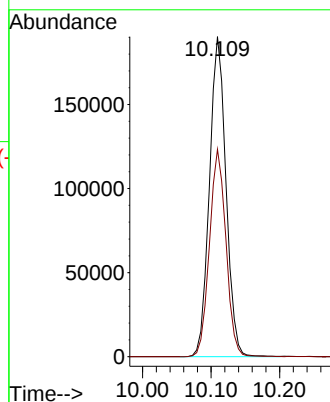
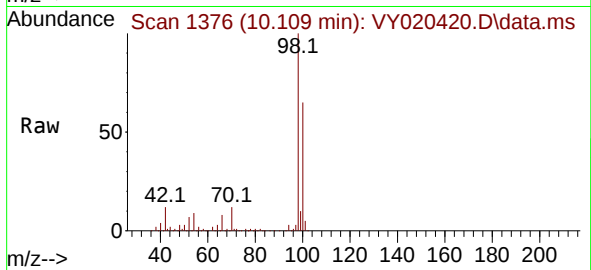




#50
Toluene-d8
Concen: 48.472 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

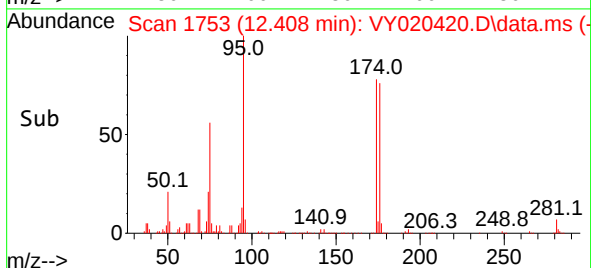
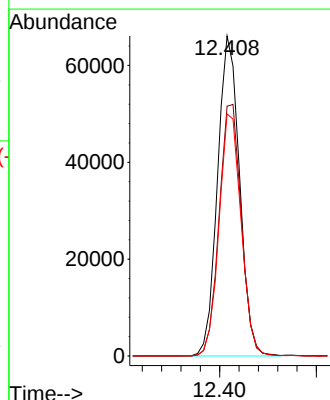
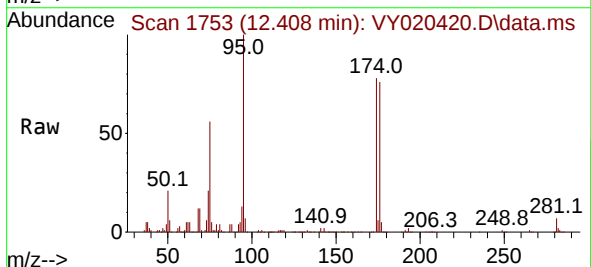
Instrument :
MSVOA_Y
ClientSampleId :

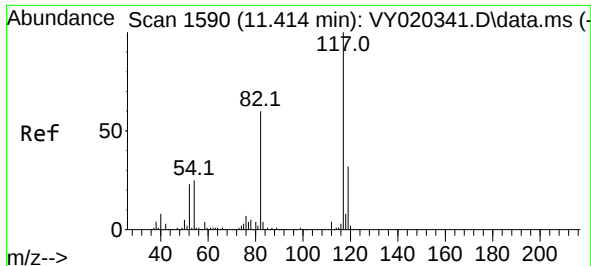
Tgt Ion: 98 Resp: 319672
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 49.128 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

Tgt Ion: 95 Resp: 104155
Ion Ratio Lower Upper
95 100
174 79.7 0.0 156.8
176 76.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020420.D

Acq: 22 Nov 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

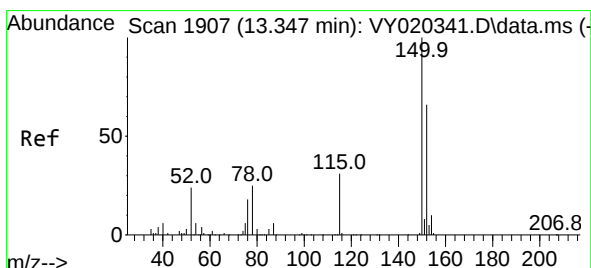
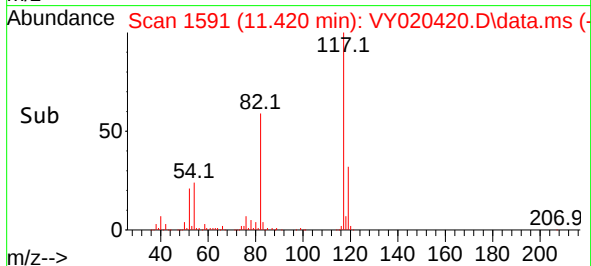
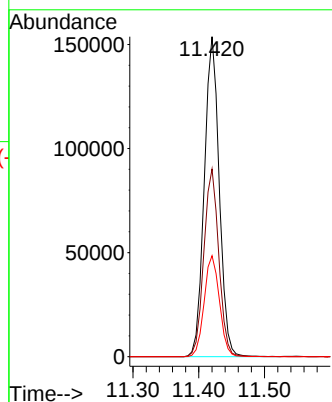
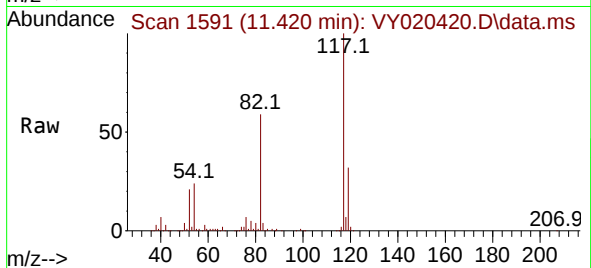
Tgt Ion:117 Resp: 242911

Ion Ratio Lower Upper

117 100

82 58.6 48.2 72.4

119 31.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020420.D

Acq: 22 Nov 2024 17:57

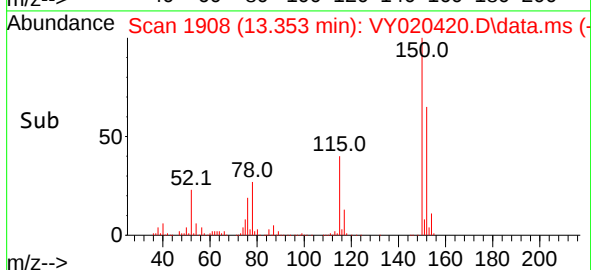
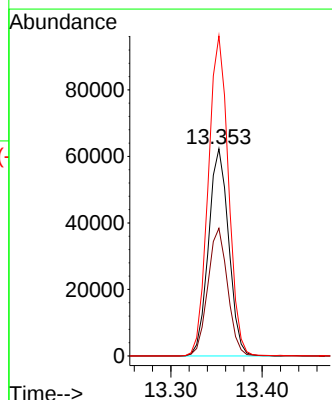
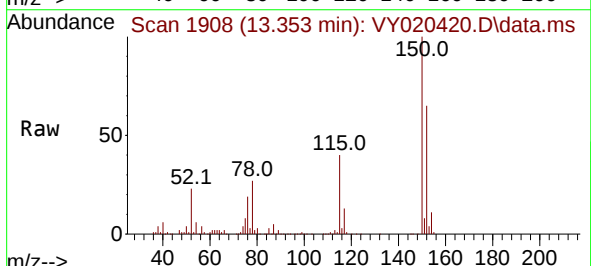
Tgt Ion:152 Resp: 95410

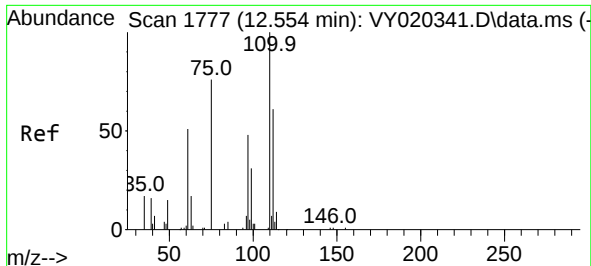
Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 154.4 0.0 348.2

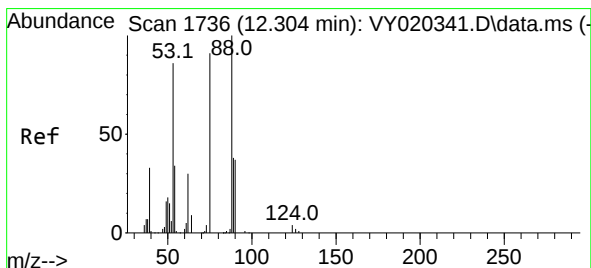
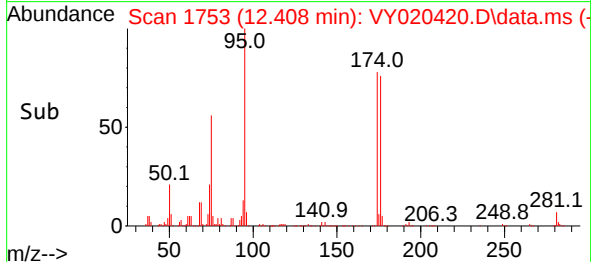
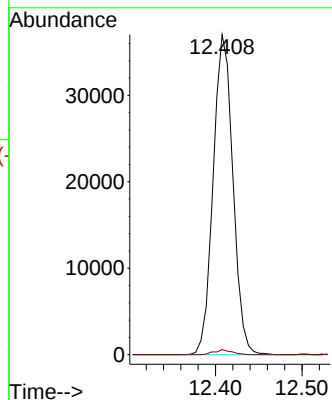
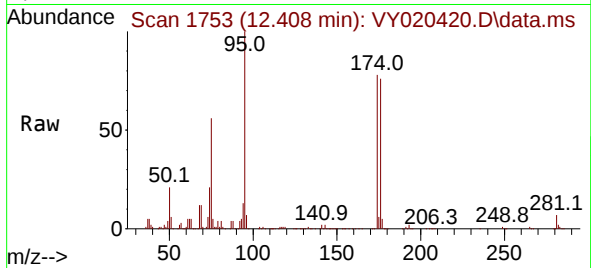




#76
1,2,3-Trichloropropane
Concen: 65.125 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58565
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.610 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020420.D
Acq: 22 Nov 2024 17:57

Tgt Ion: 75 Resp: 58565
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

