

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020742.D
 Acq On : 27 Dec 2024 16:21
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Dec 30 01:45:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

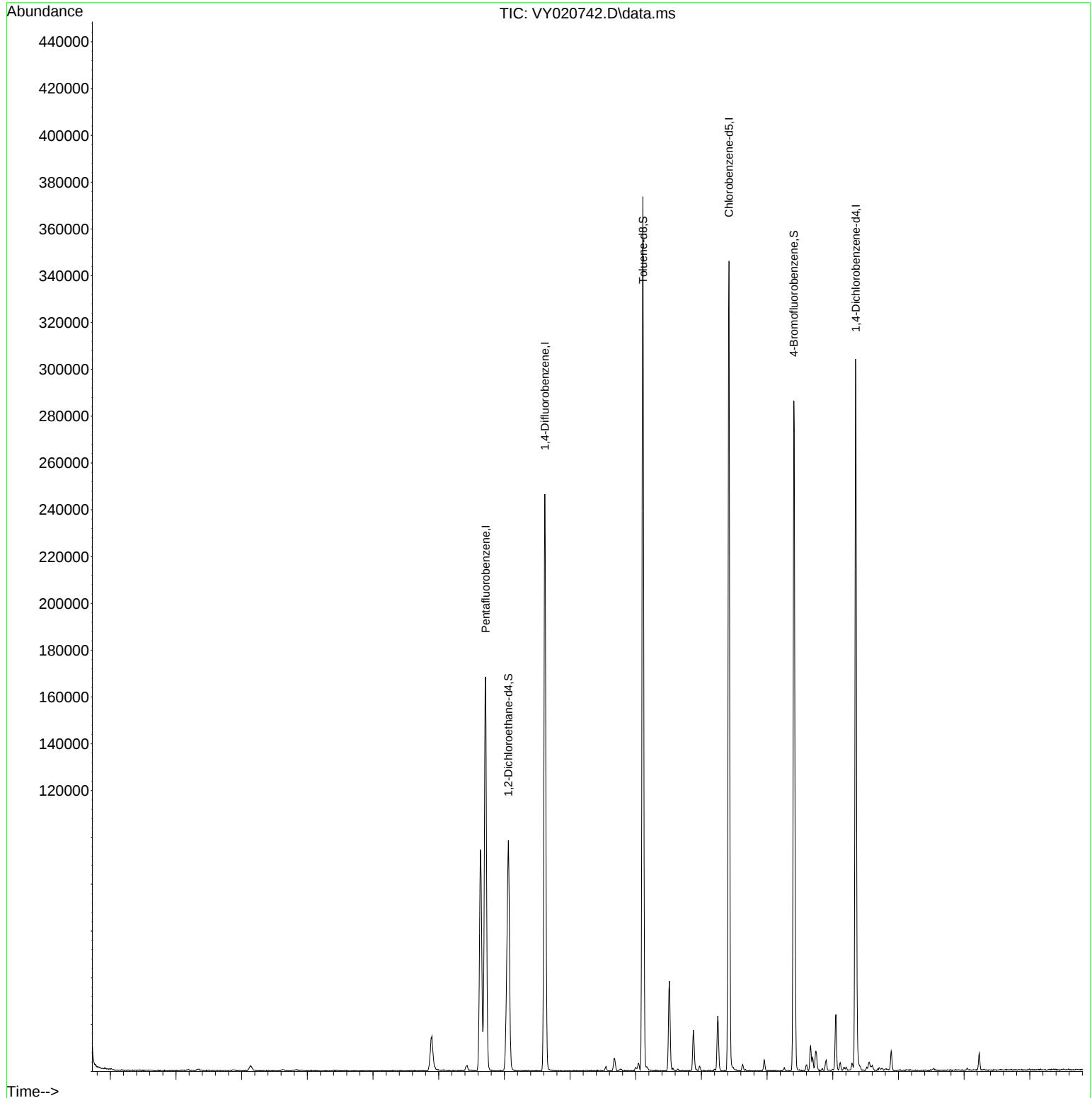
Internal Standards						
1) Pentafluorobenzene	7.713	168	133654	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	218005	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	188482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	82258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	65873	60.172	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.340%	
35) Dibromofluoromethane	7.634	113	66733	55.574	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.140%	
50) Toluene-d8	10.109	98	252350	52.748	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.500%	
62) 4-Bromofluorobenzene	12.408	95	82085	51.437	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.880%	
Target Compounds						Qvalue
16) Acetone	3.879	43	781	5.624	ug/l	# 84
30) Chloroform	7.427	83	2301	1.098	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	988	1.842	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	13423	2.905	ug/l	96

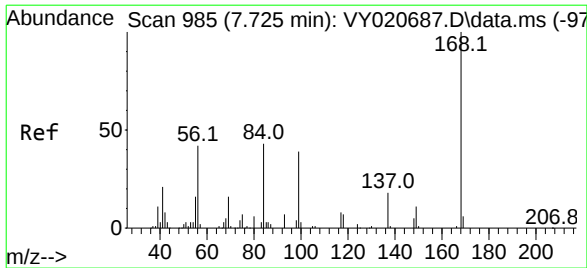
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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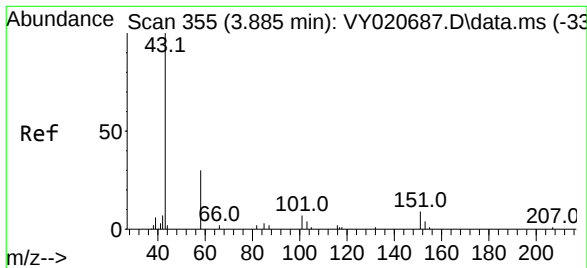
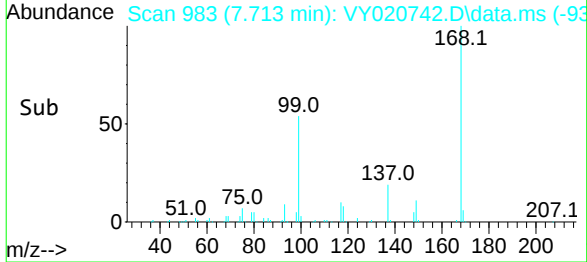
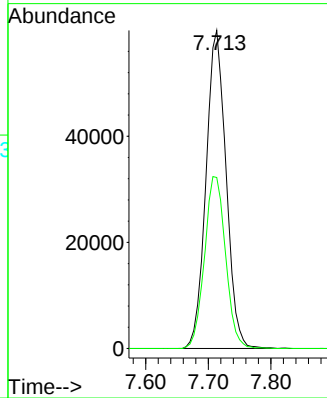
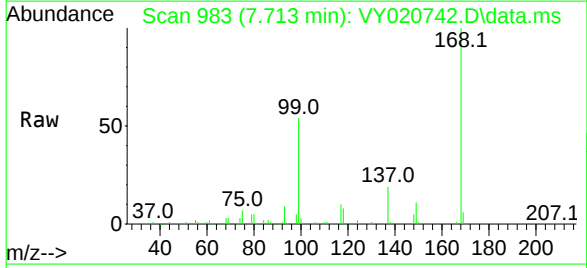




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020742.D
Acq: 27 Dec 2024 16:21

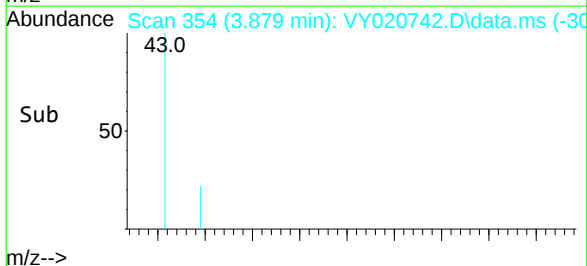
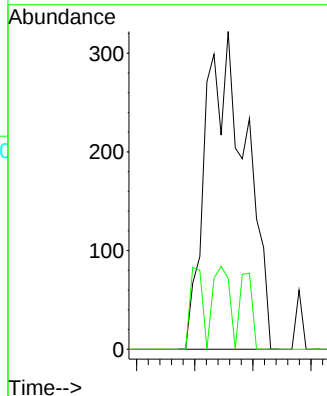
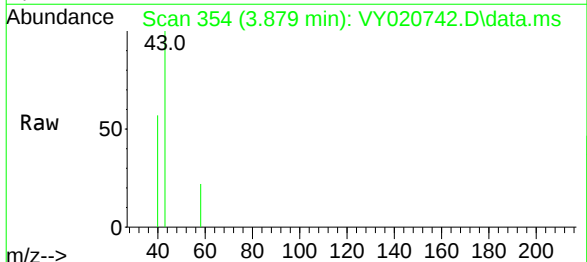
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

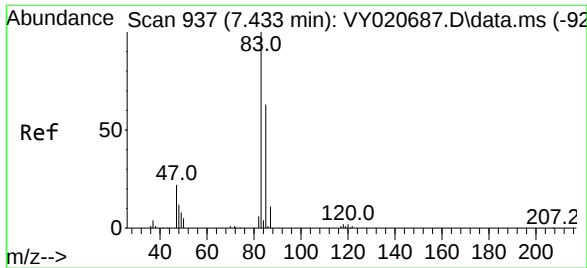
Tgt Ion:168 Resp: 133654
Ion Ratio Lower Upper
168 100
99 53.8 43.8 65.6



#16
Acetone
Concen: 5.624 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020742.D
Acq: 27 Dec 2024 16:21

Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
58 22.4 25.0 37.6#

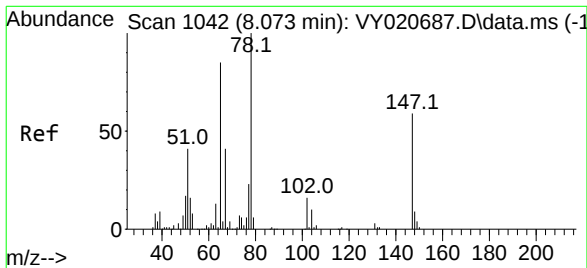
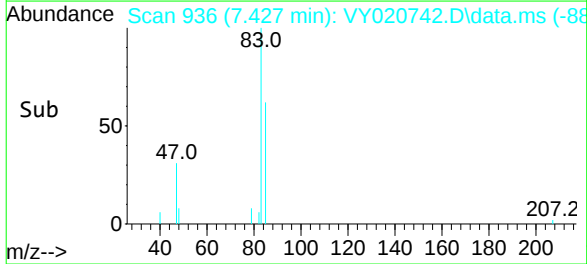
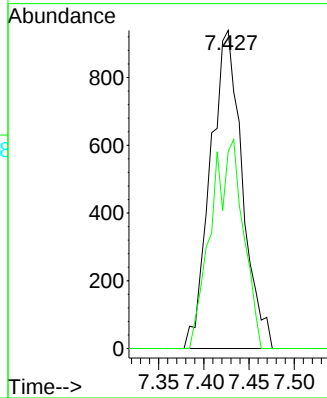
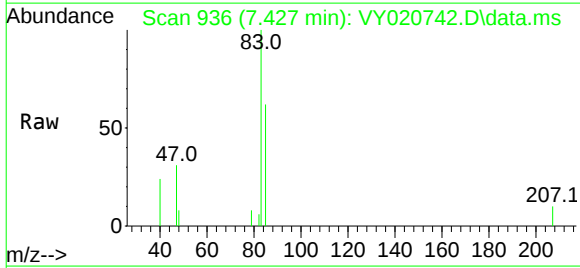




#30
Chloroform
Concen: 1.098 ug/l
RT: 7.427 min Scan# 93
Delta R.T. -0.006 min
Lab File: VY020742.D
Acq: 27 Dec 2024 16:21

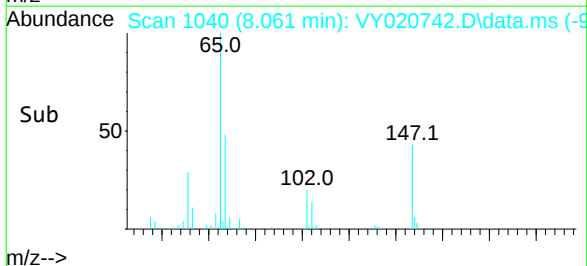
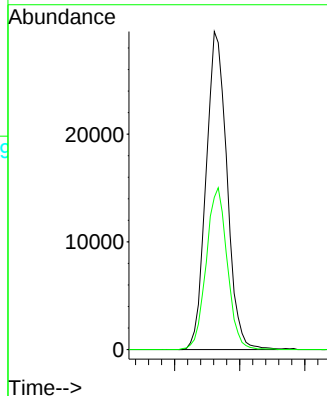
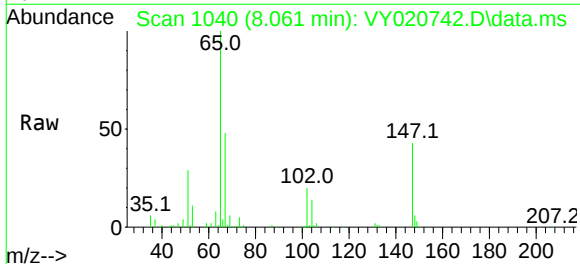
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

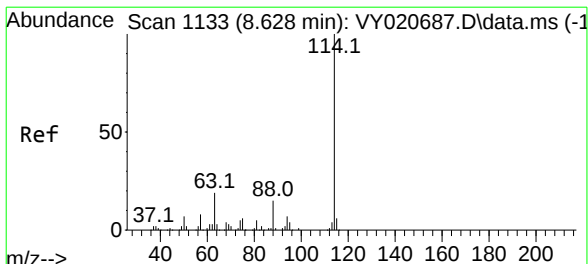
Tgt Ion: 83 Resp: 2301
Ion Ratio Lower Upper
83 100
85 61.9 50.2 75.2



#33
1,2-Dichloroethane-d4
Concen: 60.172 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020742.D
Acq: 27 Dec 2024 16:21

Tgt Ion: 65 Resp: 65873
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.0

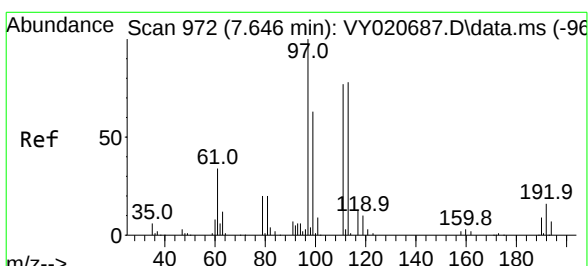
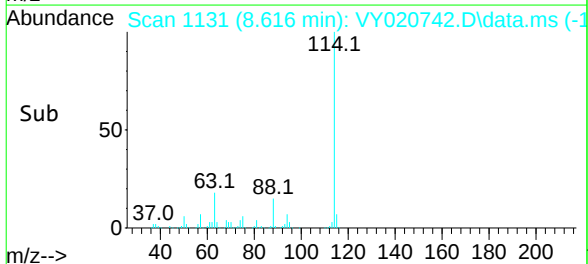
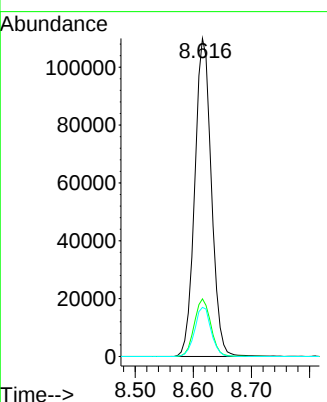
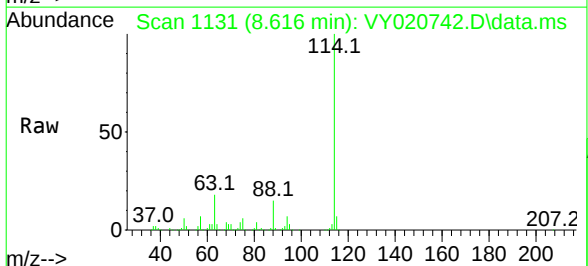




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020742.D
 Acq: 27 Dec 2024 16:21

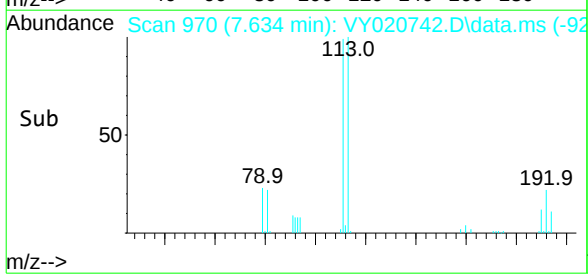
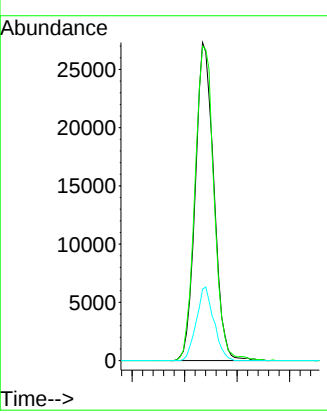
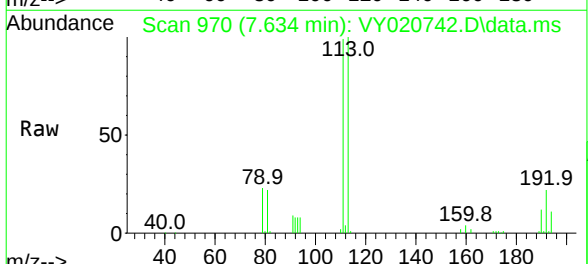
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

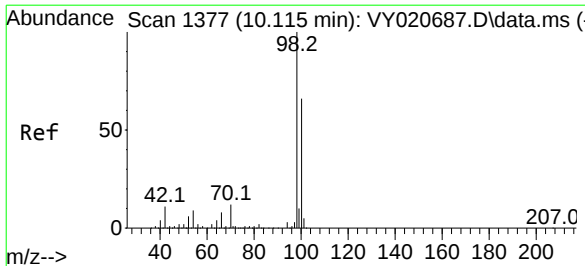
Tgt Ion:	114	Resp:	218005
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.4
88	15.4	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 55.574 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.012 min
 Lab File: VY020742.D
 Acq: 27 Dec 2024 16:21

Tgt Ion:	113	Resp:	66733
Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.8	119.8
192	22.0	17.0	25.6





#50

Toluene-d8

Concen: 52.748 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020742.D

Acq: 27 Dec 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

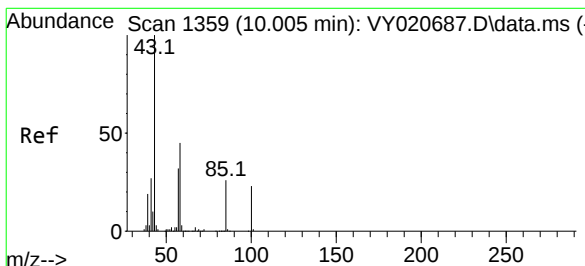
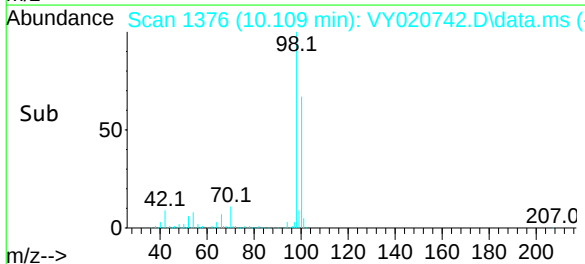
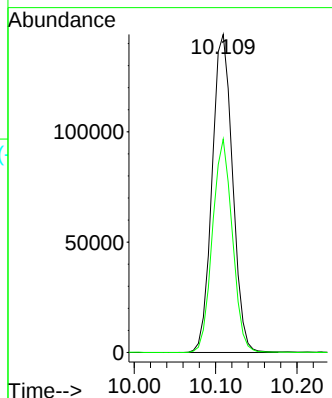
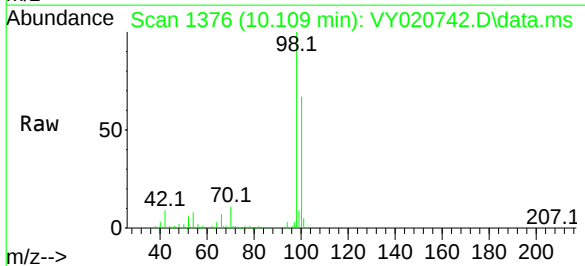
VIBLK

Tgt Ion: 98 Resp: 252350

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 1.842 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. -0.005 min

Lab File: VY020742.D

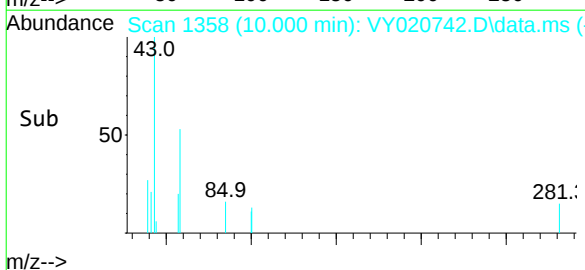
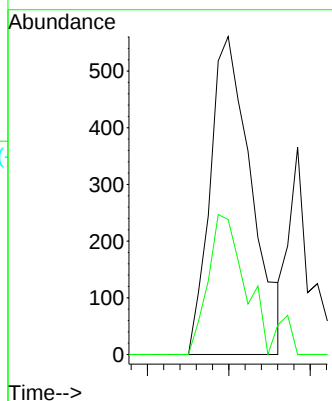
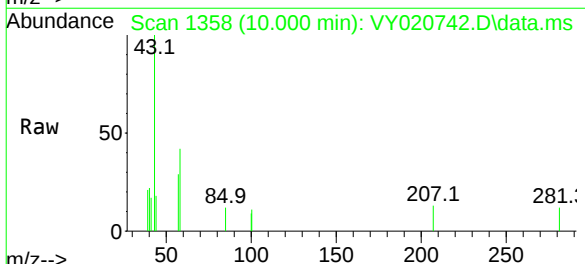
Acq: 27 Dec 2024 16:21

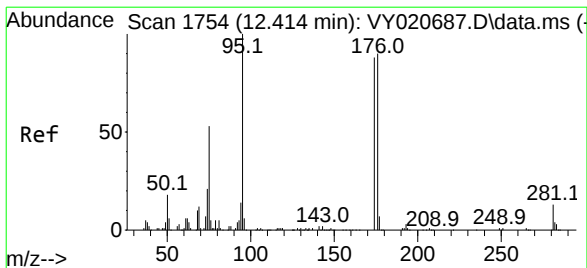
Tgt Ion: 43 Resp: 988

Ion Ratio Lower Upper

43 100

58 43.3 35.1 52.7





#62

4-Bromofluorobenzene

Concen: 51.437 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020742.D

Acq: 27 Dec 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

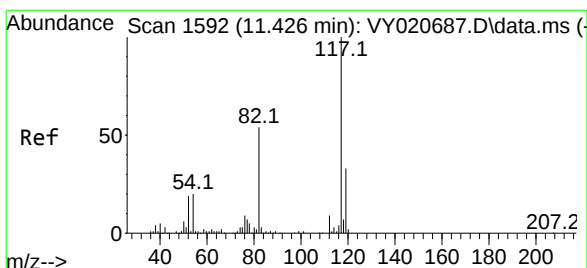
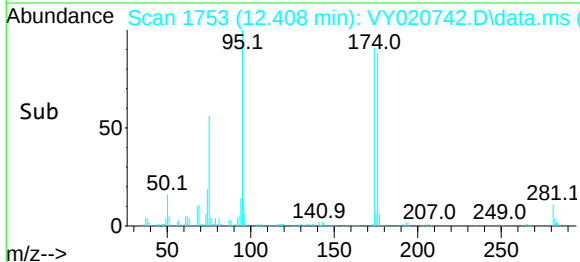
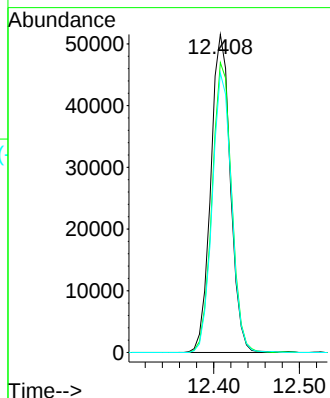
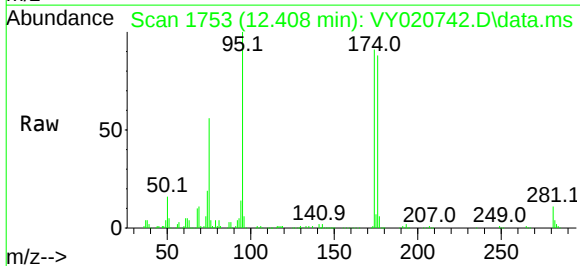
Tgt Ion: 95 Resp: 82085

Ion Ratio Lower Upper

95 100

174 90.6 0.0 179.2

176 86.6 0.0 179.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020742.D

Acq: 27 Dec 2024 16:21

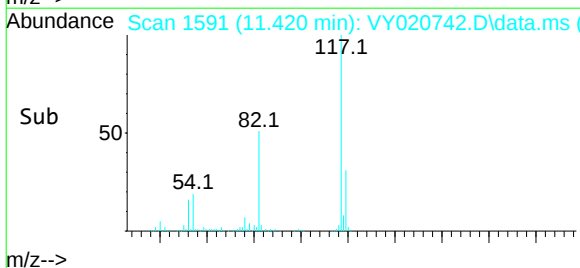
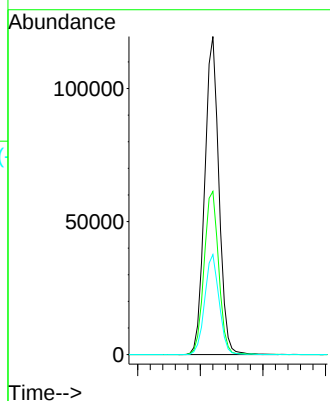
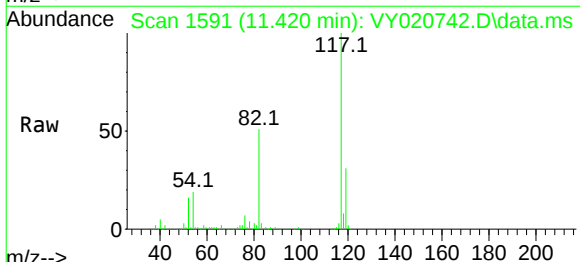
Tgt Ion: 117 Resp: 188482

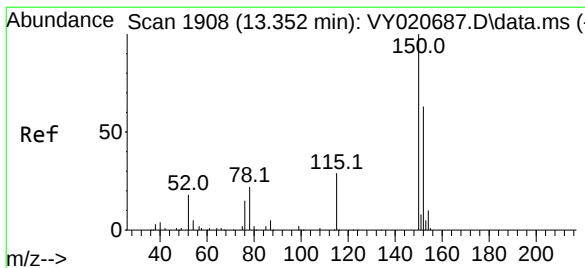
Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.2

119 31.5 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY020742.D

Acq: 27 Dec 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

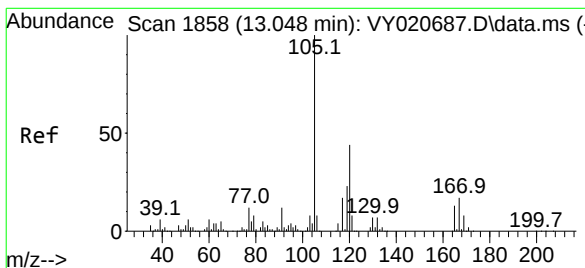
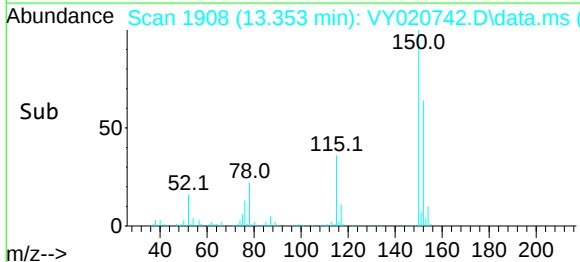
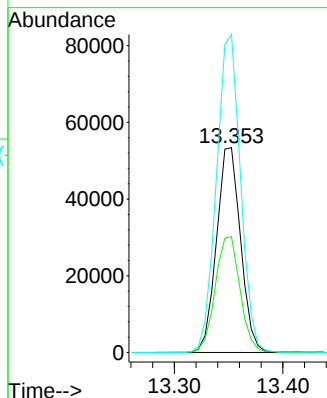
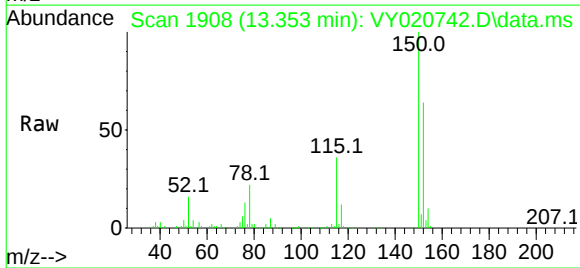
Tgt Ion:152 Resp: 82258

Ion Ratio Lower Upper

152 100

115 58.7 30.3 90.9

150 155.6 0.0 349.0



#84

1,2,4-Trimethylbenzene

Concen: 2.905 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020742.D

Acq: 27 Dec 2024 16:21

Tgt Ion:105 Resp: 13423

Ion Ratio Lower Upper

105 100

120 46.3 21.8 65.3

