

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020748.D
 Acq On : 27 Dec 2024 18:41
 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 28 03:06:46 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)

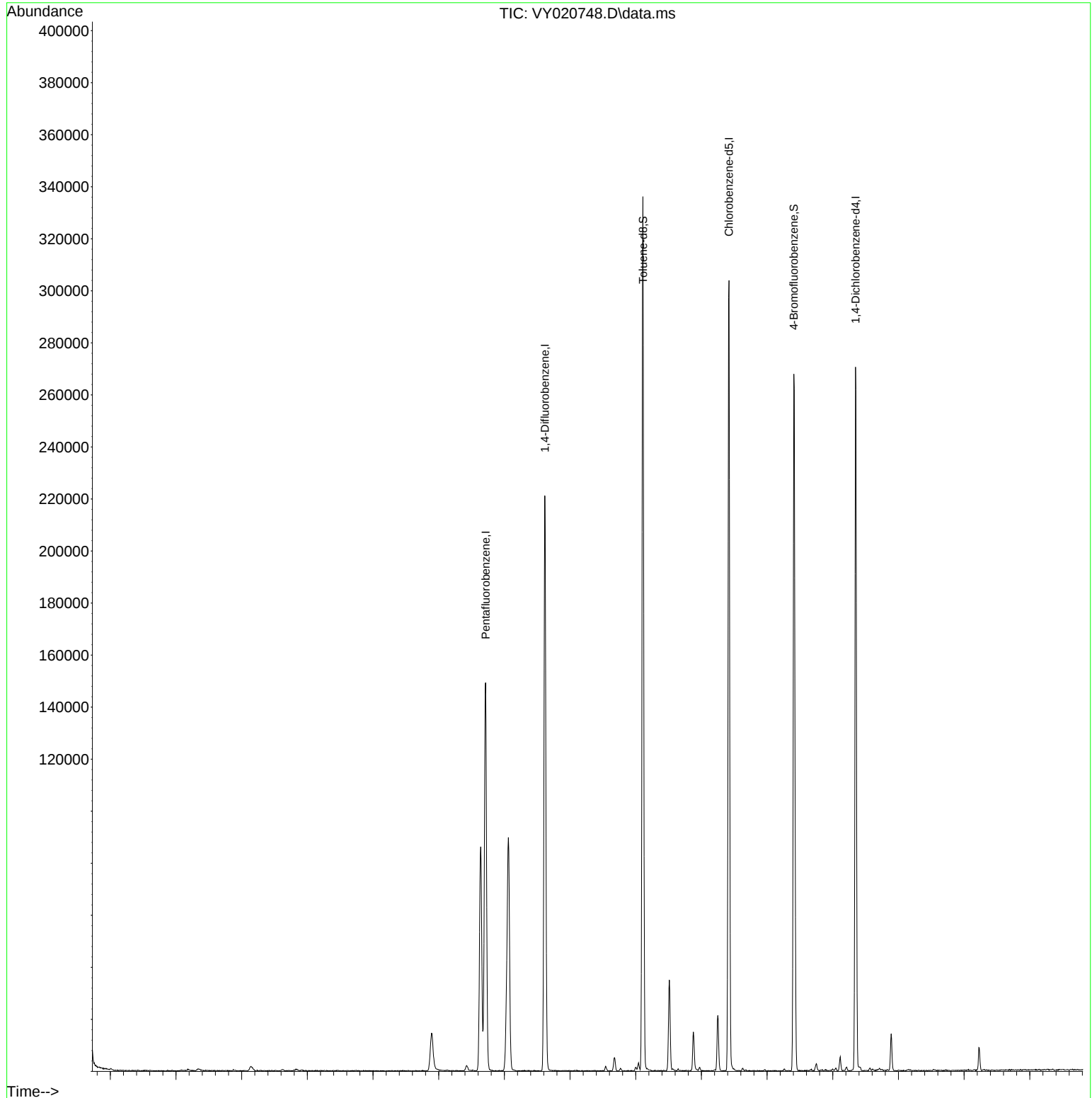
Internal Standards						
1) Pentafluorobenzene	7.713	168	118941	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	194423	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	169474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	73075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	63007	64.673	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 129.340%		
35) Dibromofluoromethane	7.640	113	60739	56.717	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.440%		
50) Toluene-d8	10.109	98	224782	52.687	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 105.380%		
62) 4-Bromofluorobenzene	12.408	95	72114	50.670	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 101.340%		
Target Compounds						
					Qvalue	
30) Chloroform	7.421	83	2091	1.121	ug/l #	84
51) 4-Methyl-2-Pentanone	10.006	43	965	2.018	ug/l	92

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

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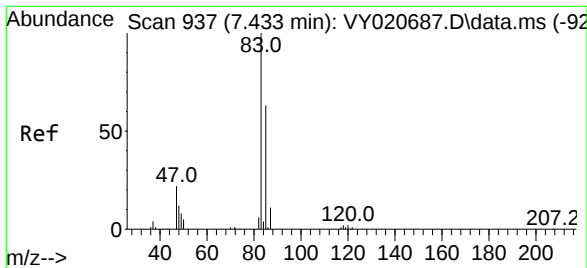
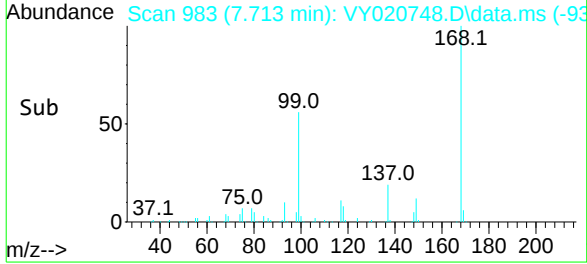
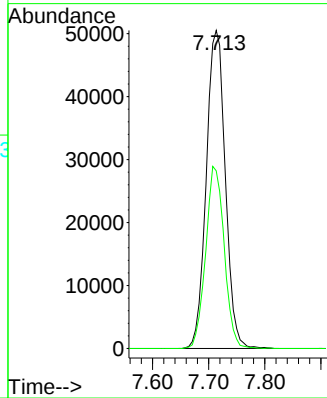
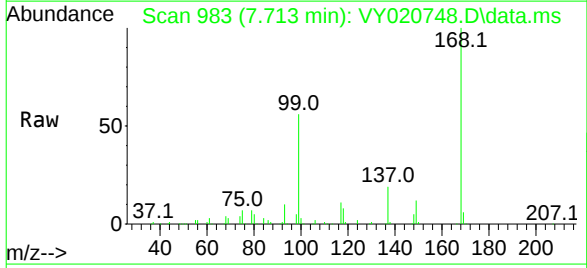




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

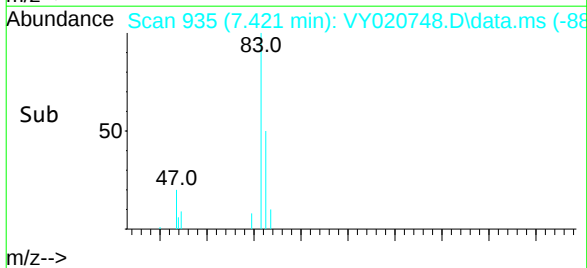
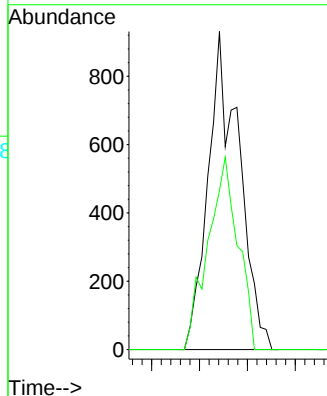
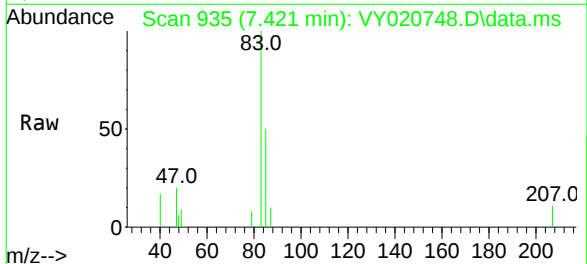
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

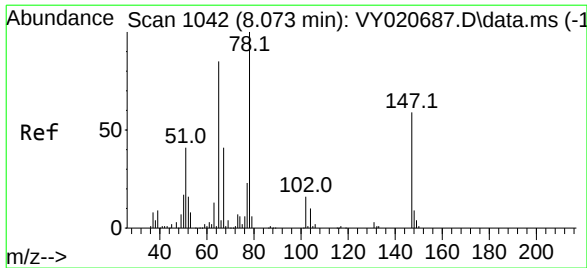
Tgt Ion:168 Resp: 118941
Ion Ratio Lower Upper
168 100
99 55.9 43.8 65.6



#30
Chloroform
Concen: 1.121 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.012 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

Tgt Ion: 83 Resp: 2091
Ion Ratio Lower Upper
83 100
85 49.9 50.2 75.2#





#33

1,2-Dichloroethane-d4

Concen: 64.673 ug/l

RT: 8.067 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :

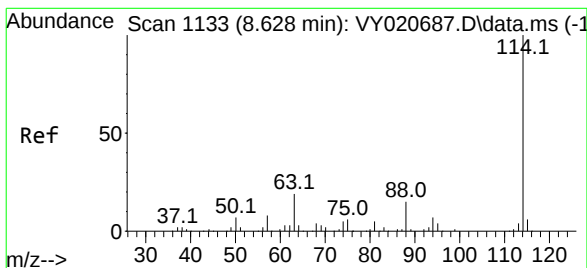
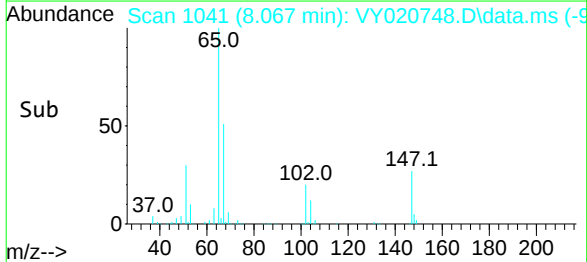
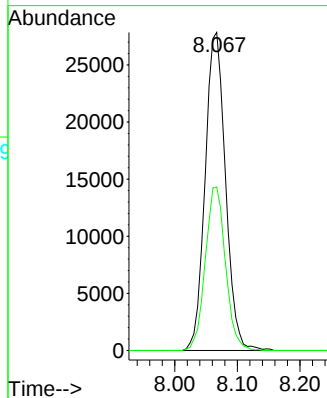
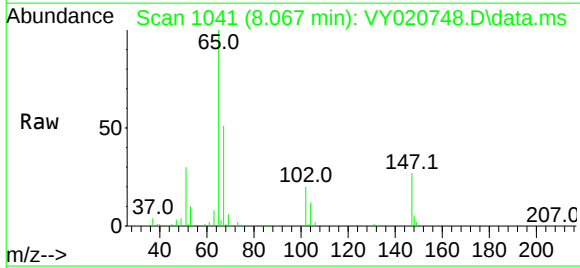
VIBLK

Tgt Ion: 65 Resp: 63007

Ion Ratio Lower Upper

65 100

67 50.9 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

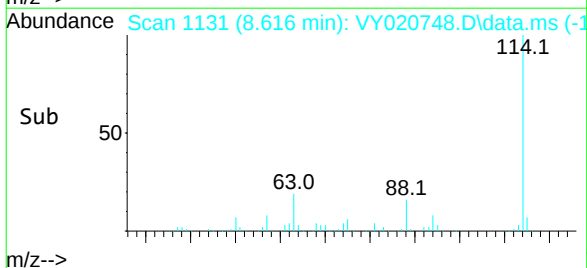
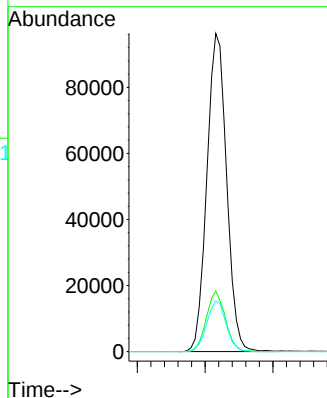
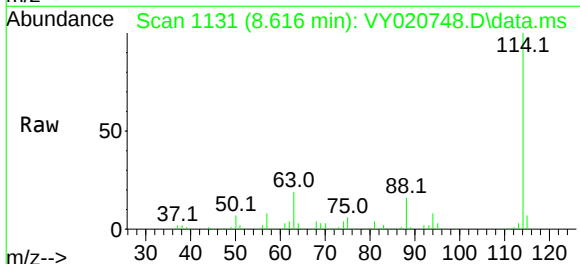
Tgt Ion: 114 Resp: 194423

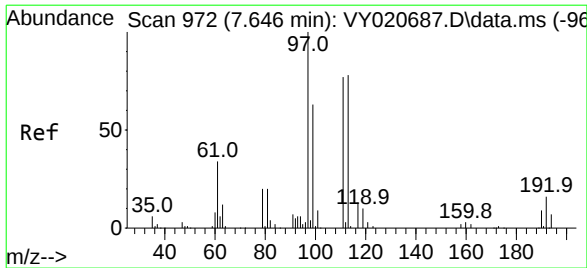
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 56.717 ug/l

RT: 7.640 min Scan# 97

Delta R.T. -0.006 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

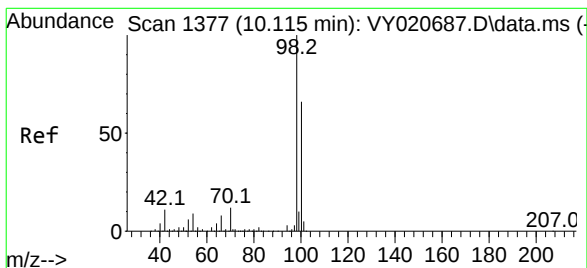
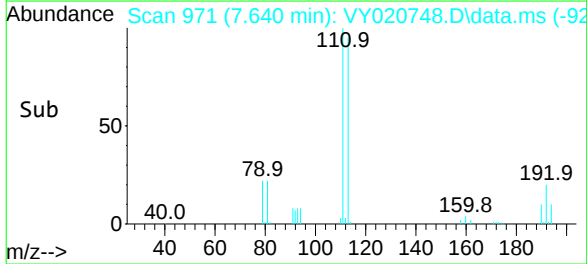
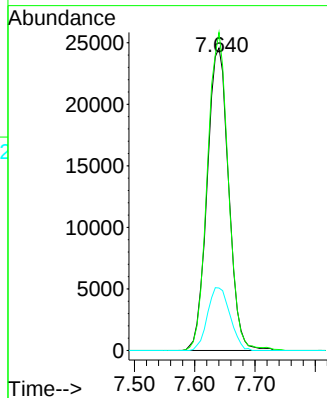
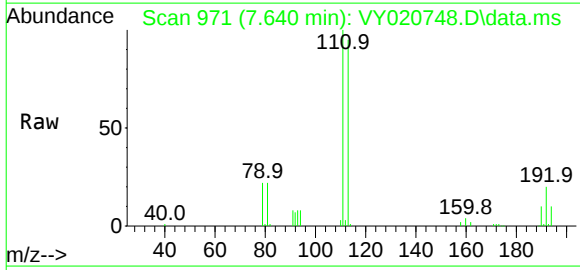
Tgt Ion:113 Resp: 60739

Ion Ratio Lower Upper

113 100

111 102.6 79.8 119.8

192 21.7 17.0 25.6



#50

Toluene-d8

Concen: 52.687 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020748.D

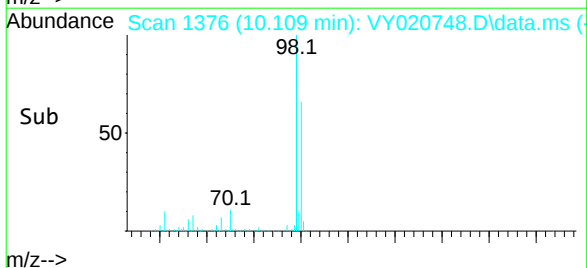
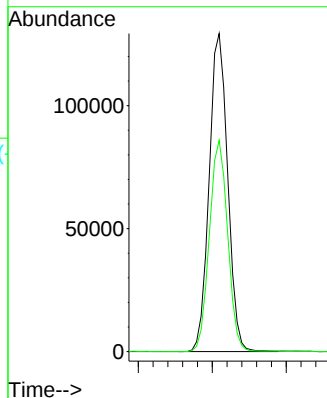
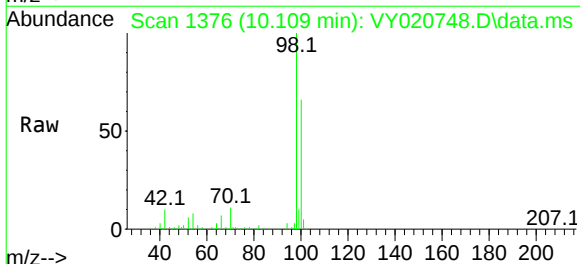
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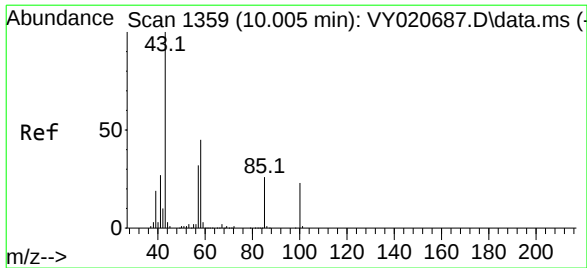
Tgt Ion: 98 Resp: 224782

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4

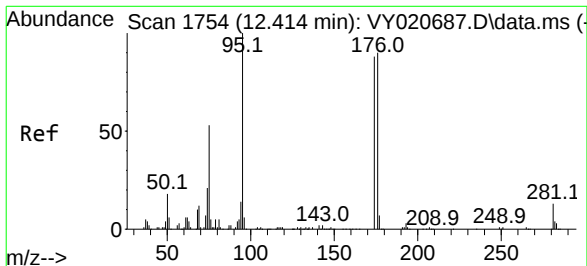
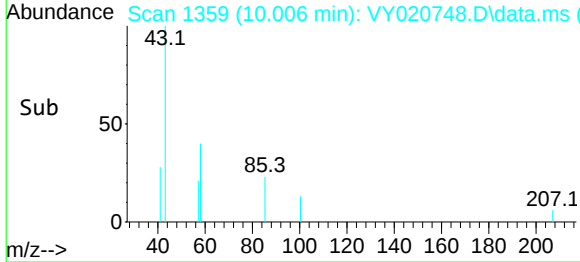
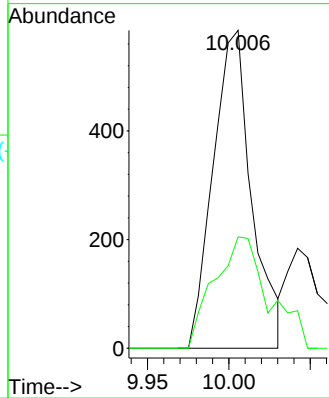
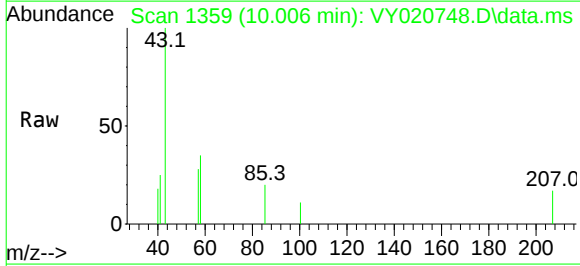




#51
4-Methyl-2-Pentanone
Concen: 2.018 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

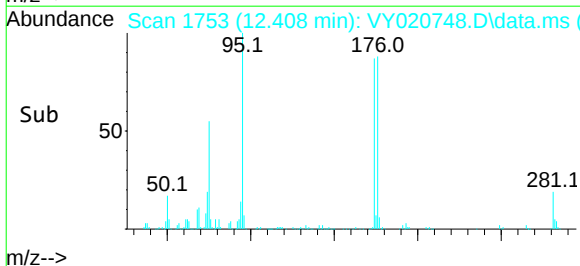
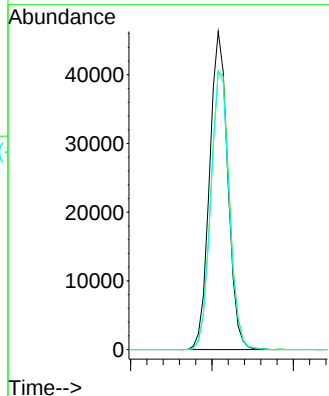
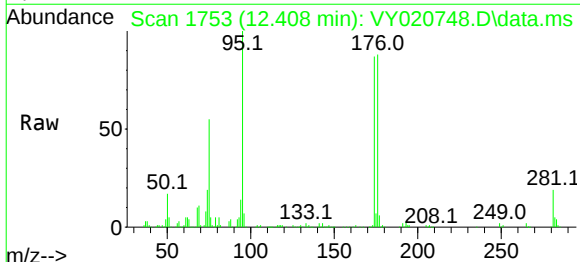
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

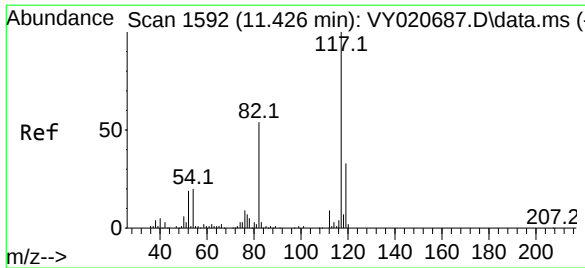
Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 49.3 35.1 52.7



#62
4-Bromofluorobenzene
Concen: 50.670 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

Tgt Ion: 95 Resp: 72114
Ion Ratio Lower Upper
95 100
174 90.2 0.0 179.2
176 88.3 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

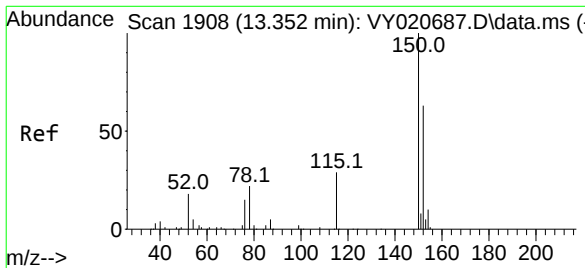
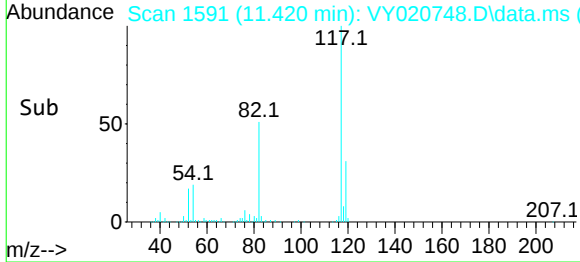
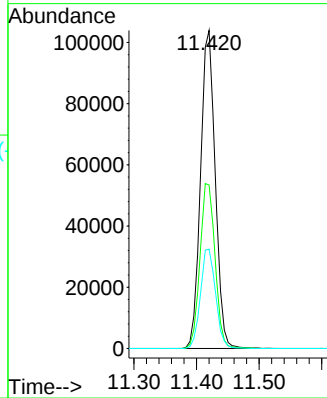
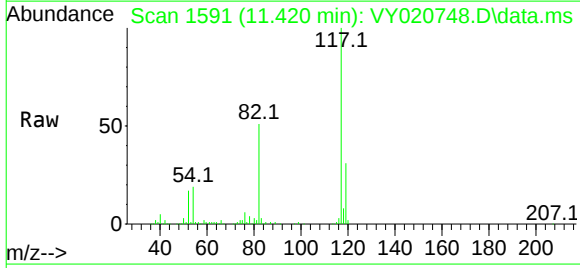
Tgt Ion:117 Resp: 169474

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.2

119 31.2 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.005 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

Tgt Ion:152 Resp: 73075

Ion Ratio Lower Upper

152 100

115 57.1 30.3 90.9

150 156.8 0.0 349.0

