

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020744.D
 Acq On : 27 Dec 2024 17:07
 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 03:05:30 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)

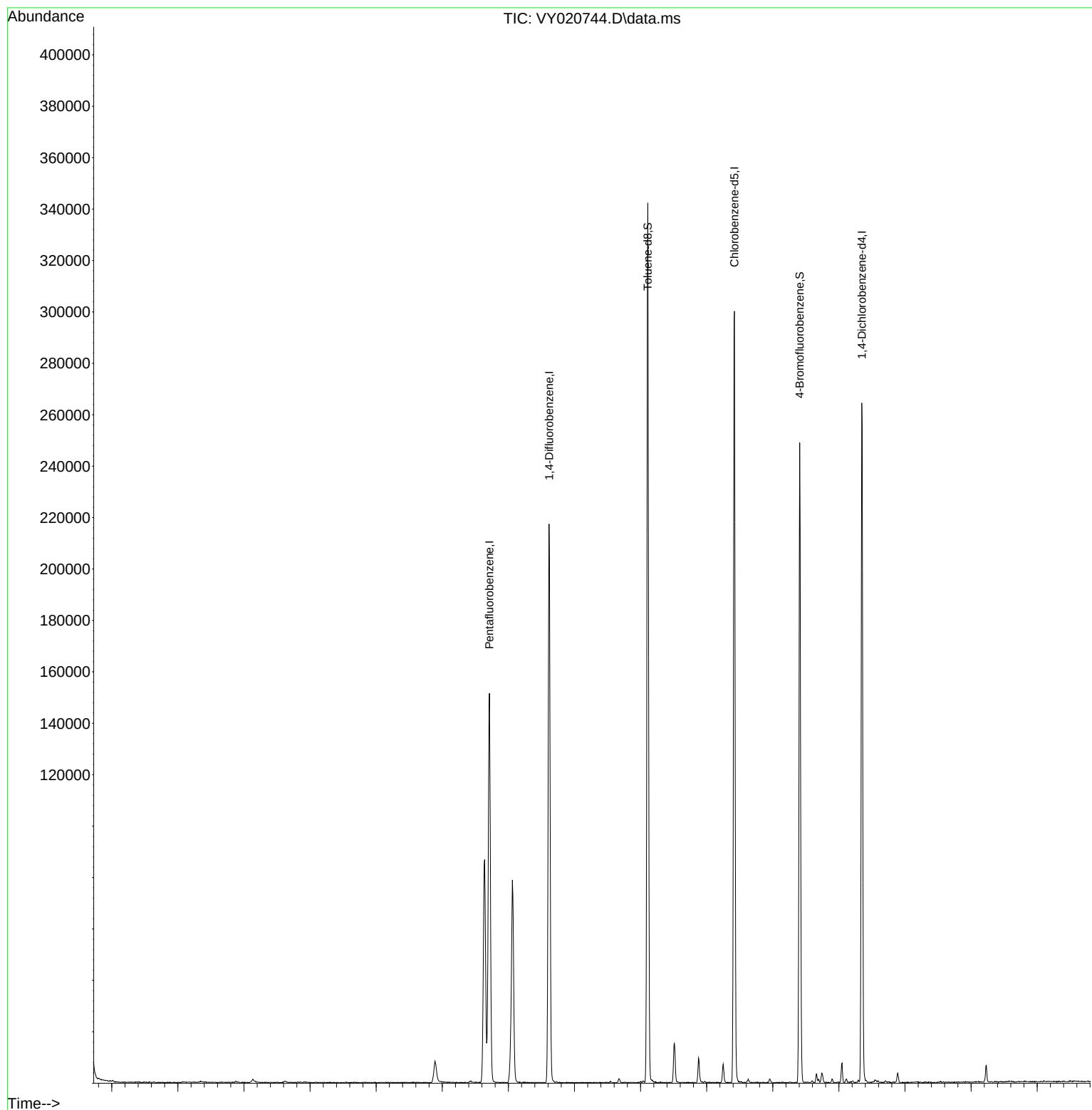
Internal Standards						
1) Pentafluorobenzene	7.713	168	117560	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	194142	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	169786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	70664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	61754	64.132	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.260%	
35) Dibromofluoromethane	7.640	113	59900	56.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.020%	
50) Toluene-d8	10.109	98	224164	52.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	12.408	95	71974	50.645	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.300%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.042	105	4397	1.108	ug/l	Qvalue 97

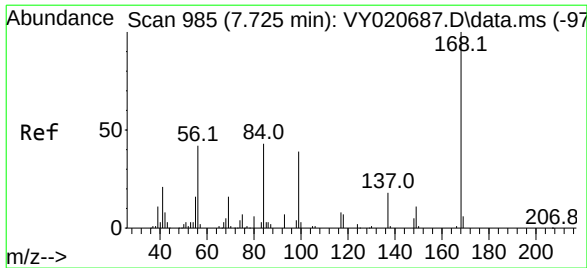
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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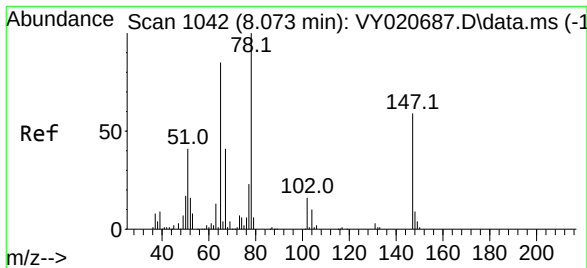
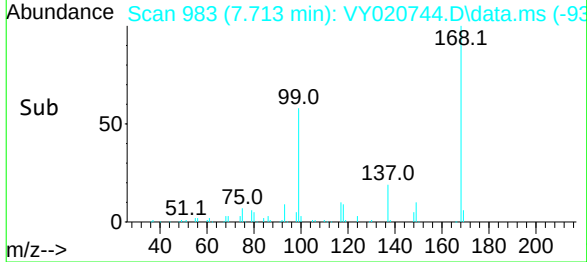
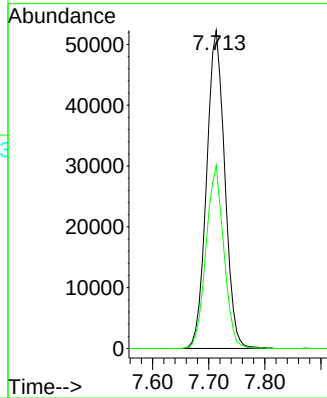
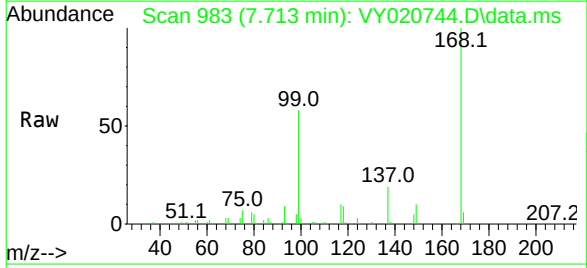




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

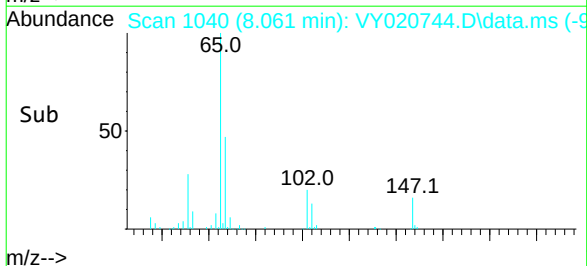
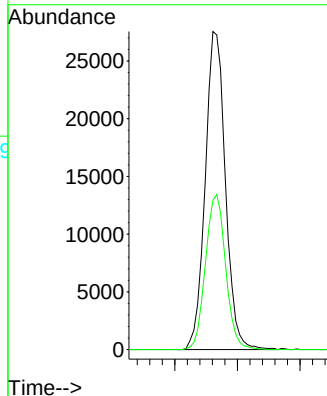
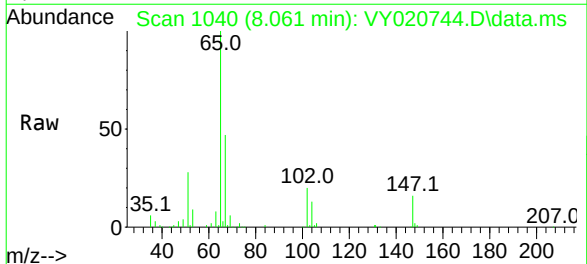
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

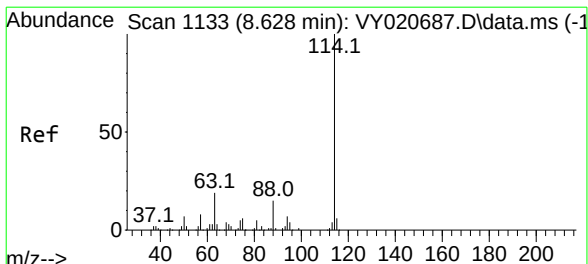
Tgt Ion:168 Resp: 117560
Ion Ratio Lower Upper
168 100
99 57.5 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 64.132 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

Tgt Ion: 65 Resp: 61754
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.0

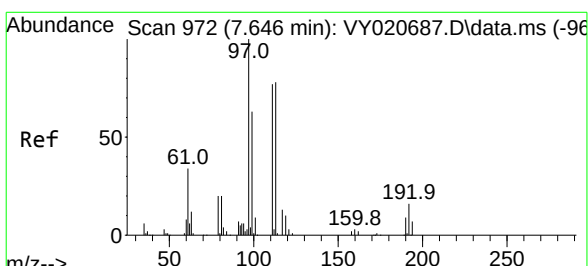
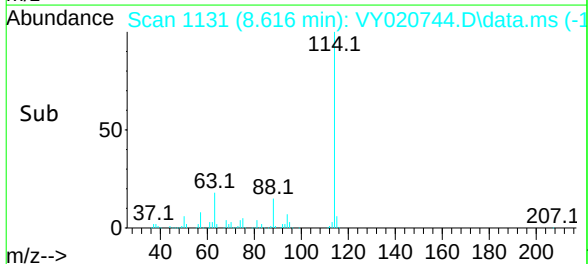
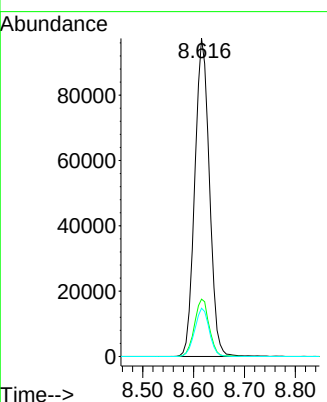
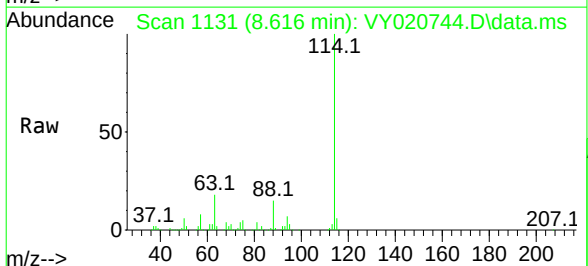




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 111
 Delta R.T. -0.012 min
 Lab File: VY020744.D
 Acq: 27 Dec 2024 17:07

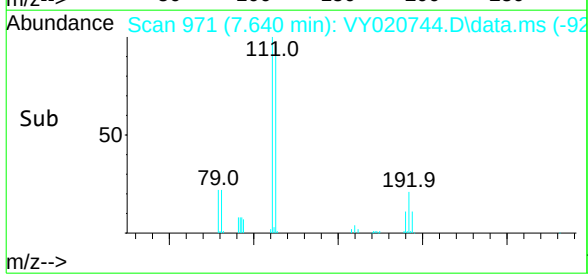
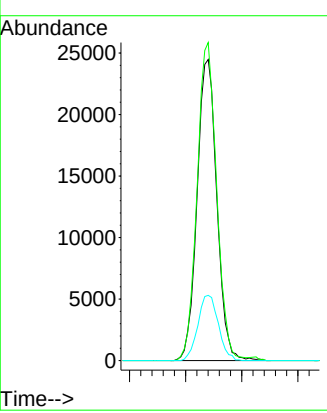
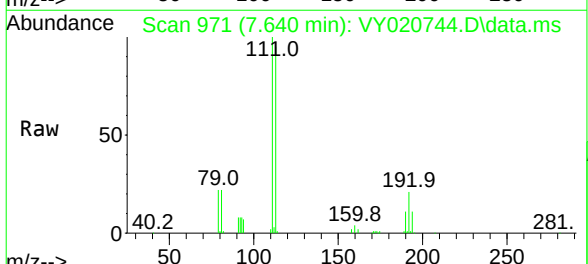
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

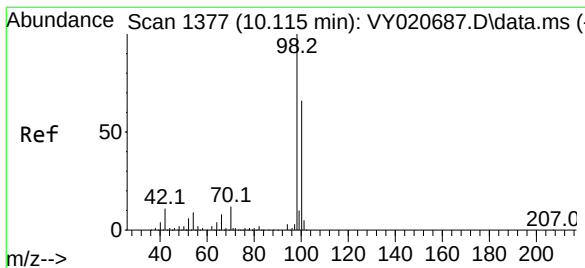
Tgt Ion:	114	Resp:	194142
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	15.2	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 56.015 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.006 min
 Lab File: VY020744.D
 Acq: 27 Dec 2024 17:07

Tgt Ion:	113	Resp:	59900
Ion	Ratio	Lower	Upper
113	100		
111	104.4	79.8	119.8
192	22.4	17.0	25.6





#50

Toluene-d8

Concen: 52.621 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020744.D

Acq: 27 Dec 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

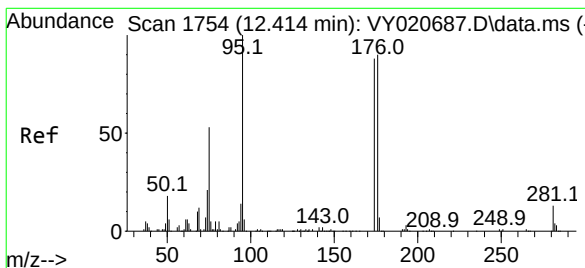
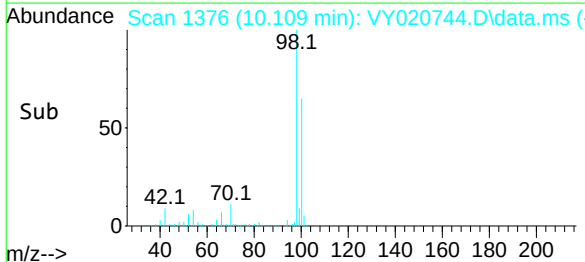
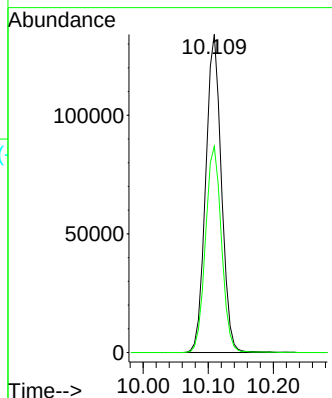
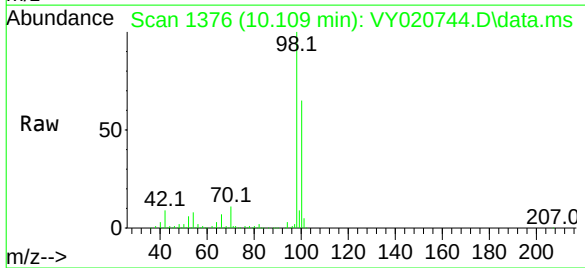
VIBLK

Tgt Ion: 98 Resp: 224164

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 50.645 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020744.D

Acq: 27 Dec 2024 17:07

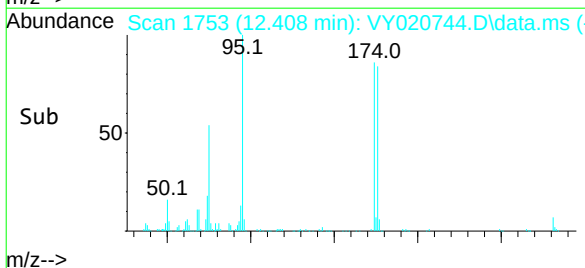
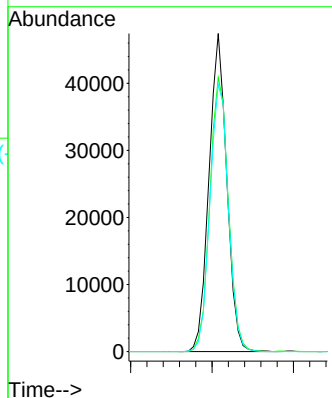
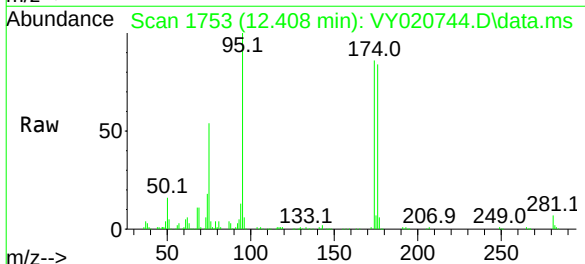
Tgt Ion: 95 Resp: 71974

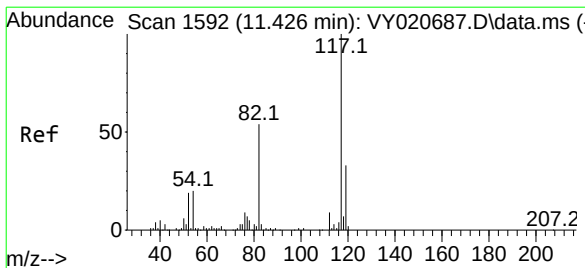
Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.2

176 87.1 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: VY020744.D

Acq: 27 Dec 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

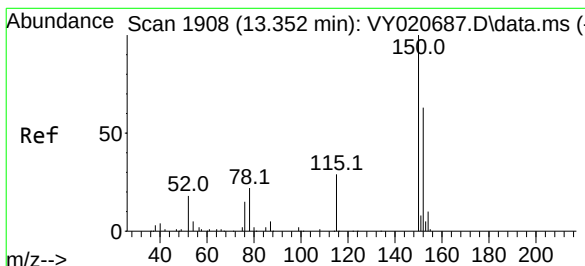
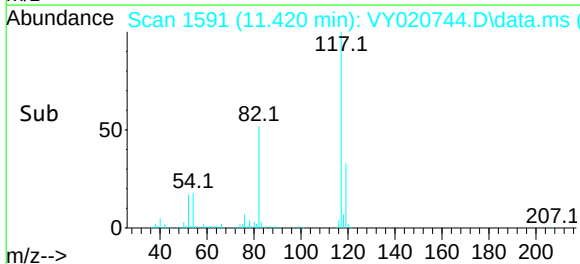
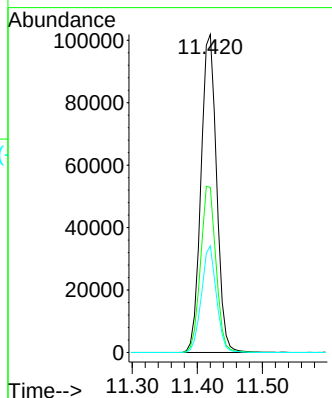
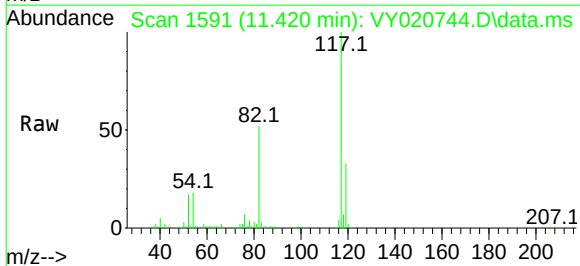
Tgt Ion:117 Resp: 169786

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.2

119 33.5 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020744.D

Acq: 27 Dec 2024 17:07

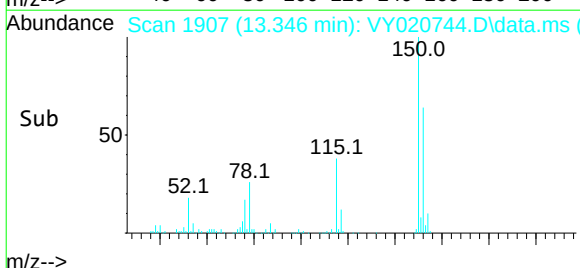
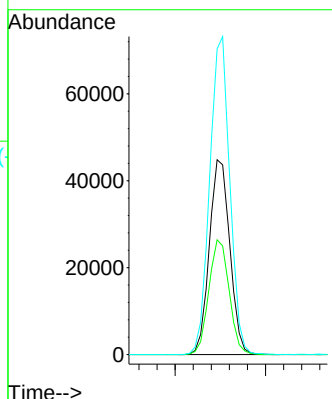
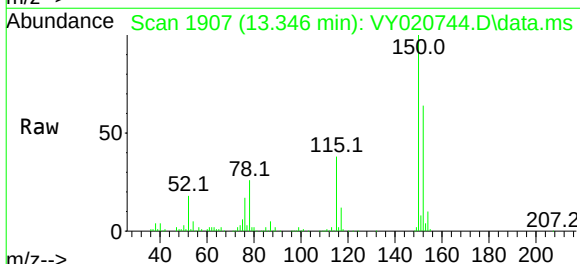
Tgt Ion:152 Resp: 70664

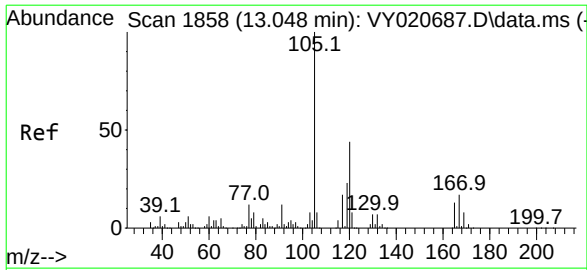
Ion Ratio Lower Upper

152 100

115 58.3 30.3 90.9

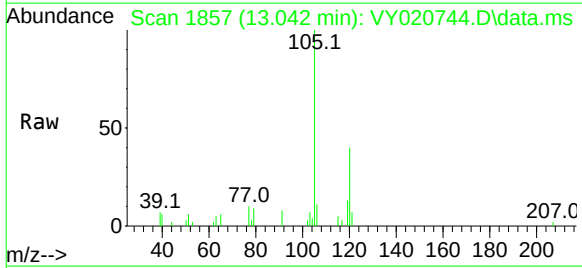
150 159.7 0.0 349.0





#84
1,2,4-Trimethylbenzene
Concen: 1.108 ug/l
RT: 13.042 min Scan# 18
Delta R.T. -0.006 min
Lab File: VY020744.D
Acq: 27 Dec 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:105 Resp: 4397
Ion Ratio Lower Upper
105 100
120 45.7 21.8 65.3

