

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018094.D
 Acq On : 01 May 2024 11:41
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 02 05:47:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	336798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	577117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	503977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198866	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138362	52.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.240%
35) Dibromofluoromethane	7.710	113	168354	50.762	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.520%
50) Toluene-d8	10.179	98	629864	48.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.477	95	201448	45.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.420%

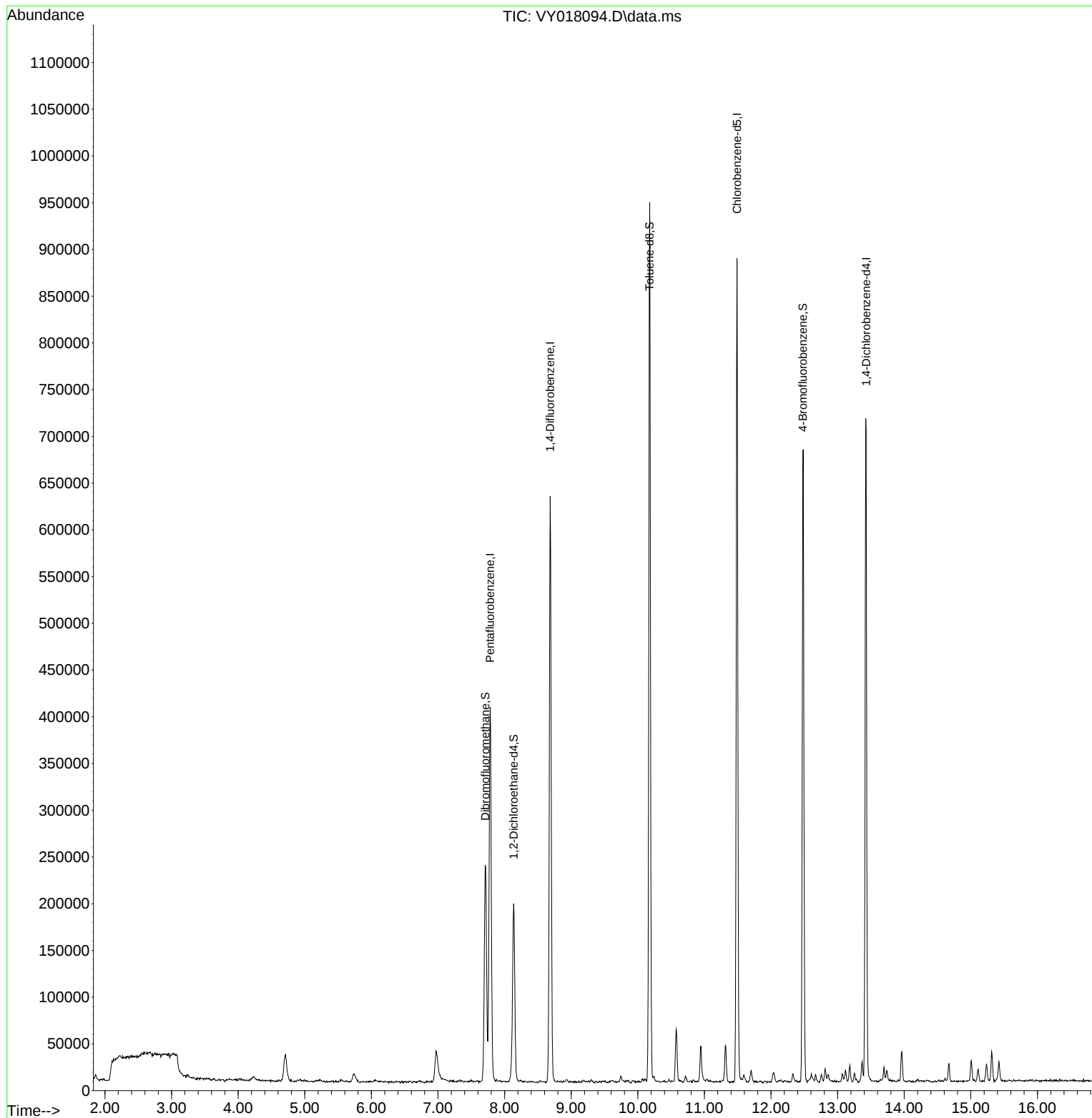
Target Compounds	Qvalue

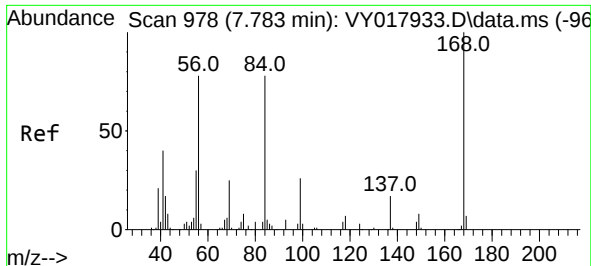
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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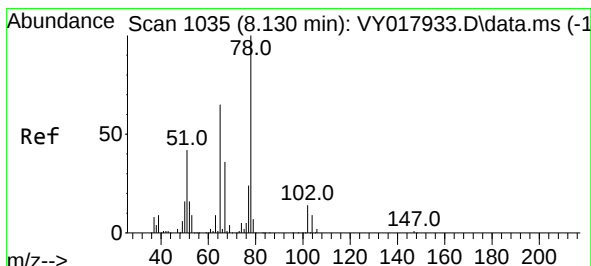
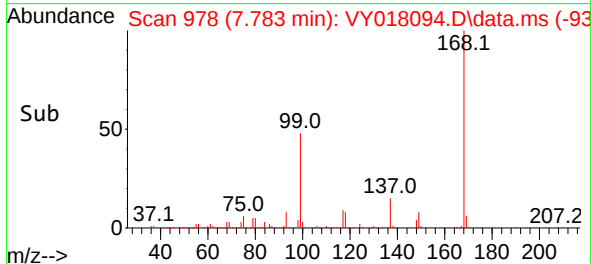
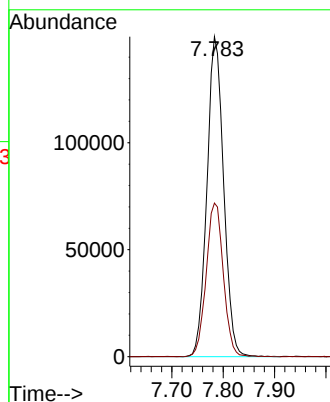
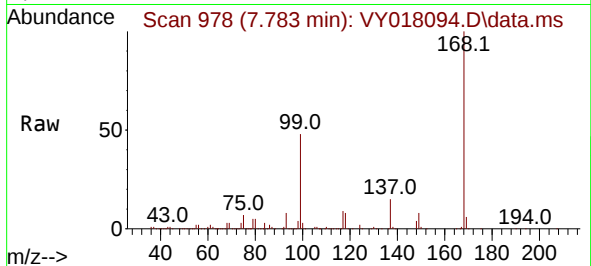




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018094.D
Acq: 01 May 2024 11:41

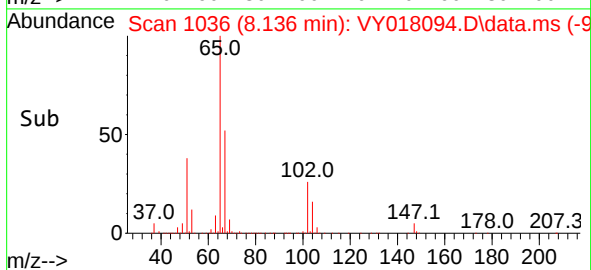
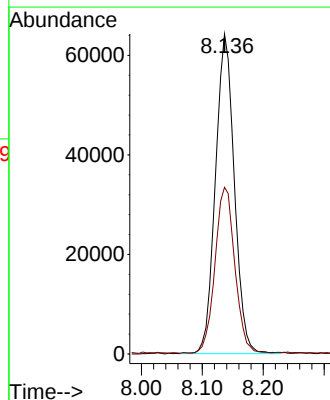
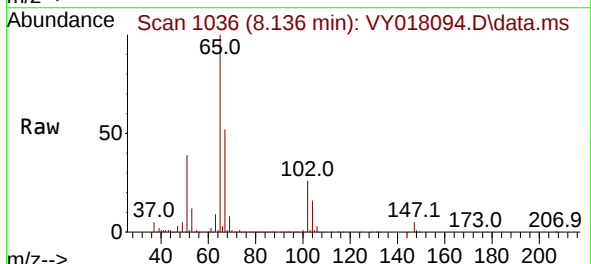
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

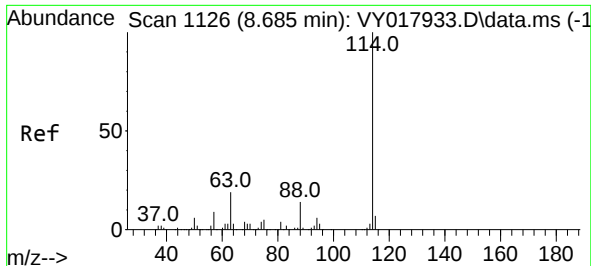
Tgt Ion:168 Resp: 336798
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.118 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018094.D
Acq: 01 May 2024 11:41

Tgt Ion: 65 Resp: 138362
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018094.D

Acq: 01 May 2024 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

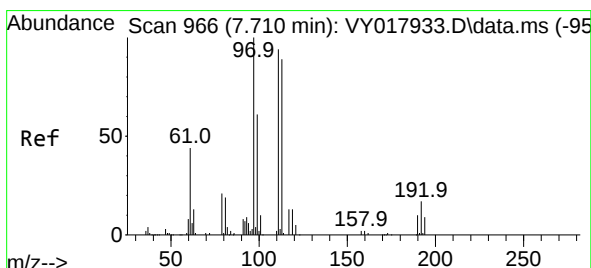
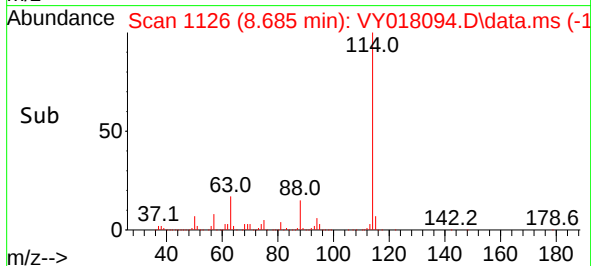
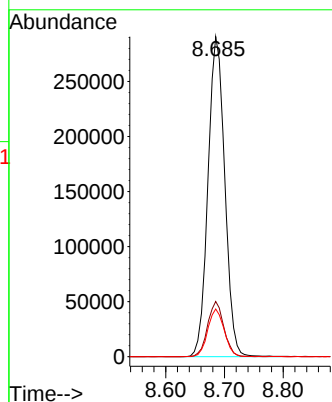
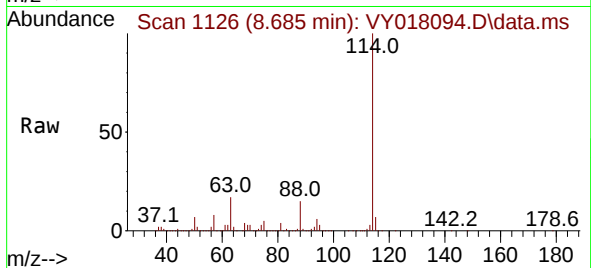
Tgt Ion:114 Resp: 577117

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.762 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018094.D

Acq: 01 May 2024 11:41

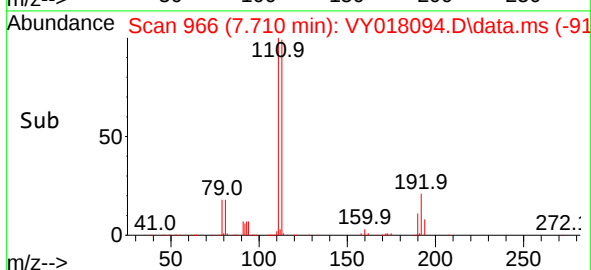
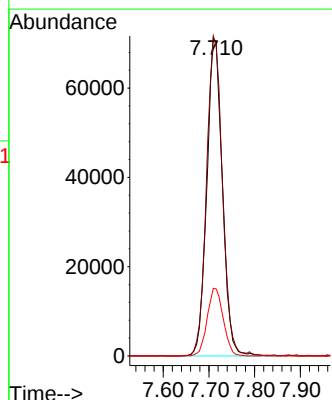
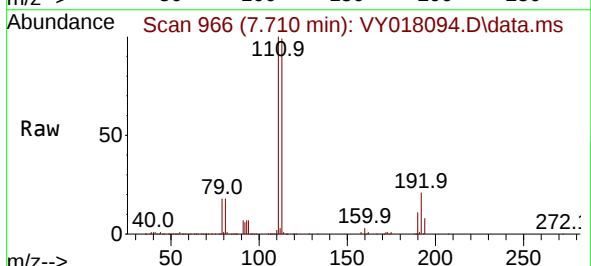
Tgt Ion:113 Resp: 168354

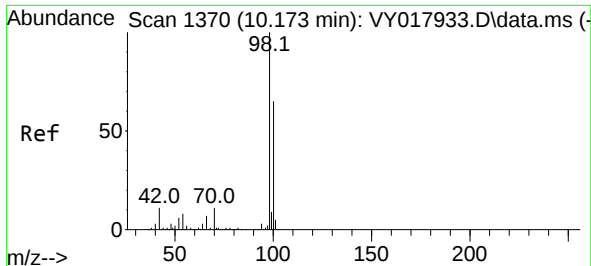
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 22.0 15.9 23.9

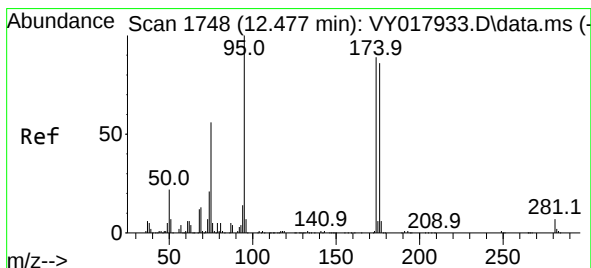
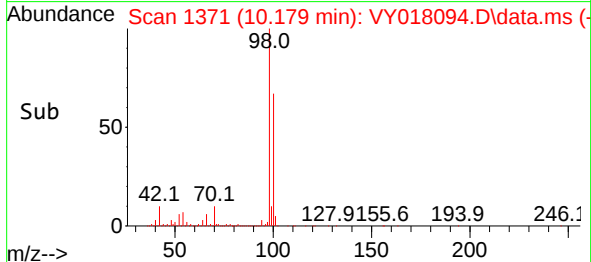
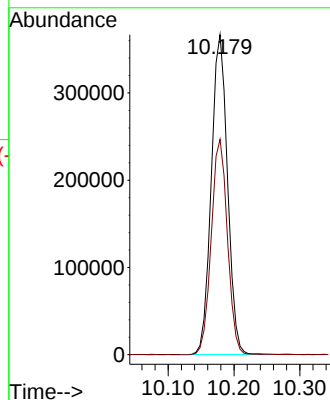
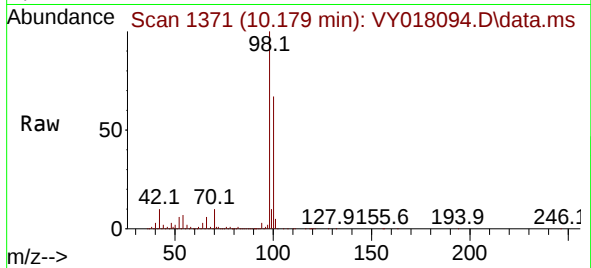




#50
Toluene-d8
Concen: 48.648 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018094.D
Acq: 01 May 2024 11:41

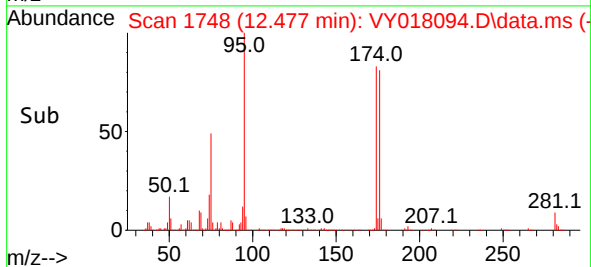
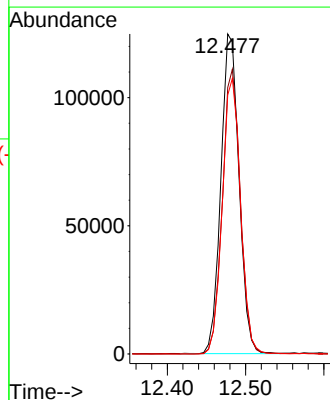
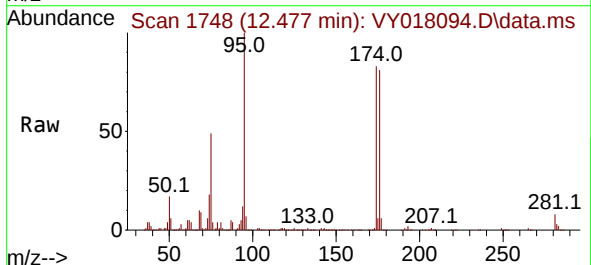
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

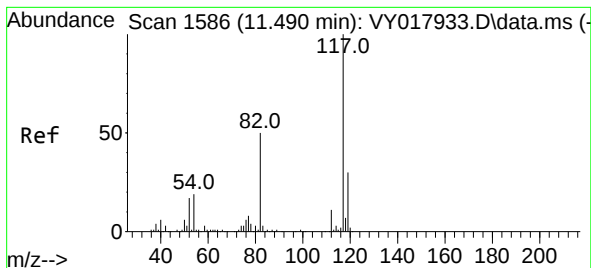
Tgt Ion: 98 Resp: 629864
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.211 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018094.D
Acq: 01 May 2024 11:41

Tgt Ion: 95 Resp: 201448
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 86.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018094.D

Acq: 01 May 2024 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

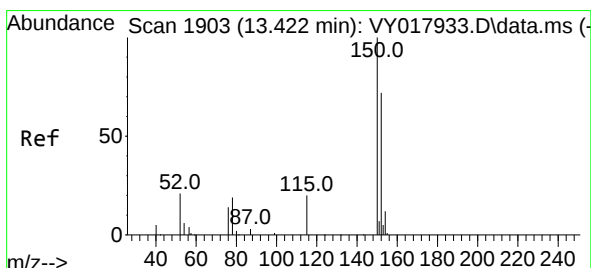
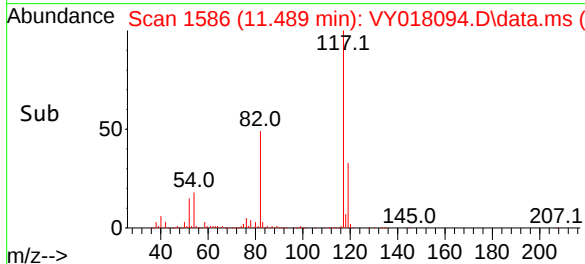
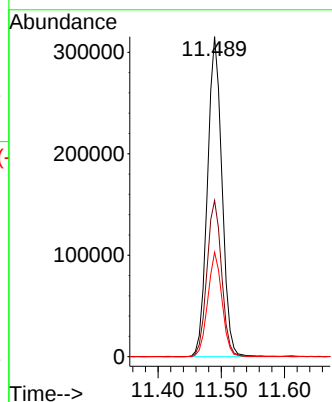
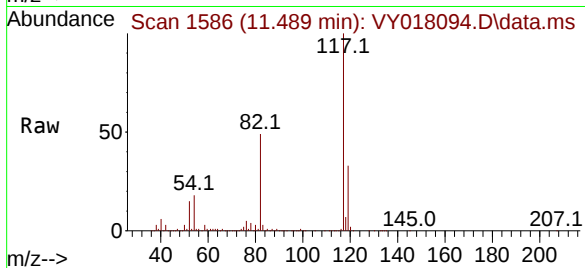
Tgt Ion:117 Resp: 503977

Ion Ratio Lower Upper

117 100

82 48.7 42.4 63.6

119 32.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018094.D

Acq: 01 May 2024 11:41

Tgt Ion:152 Resp: 198866

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 155.8 0.0 345.6

