

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
 Data File : VY017742.D
 Acq On : 22 Mar 2024 12:23
 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: Mar 23 03:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 03:33:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	127904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	242937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	202977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	68004	61.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.060%
35) Dibromofluoromethane	7.734	113	78129	53.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.600%
50) Toluene-d8	10.197	98	279845	50.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.495	95	73487	44.033	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.060%

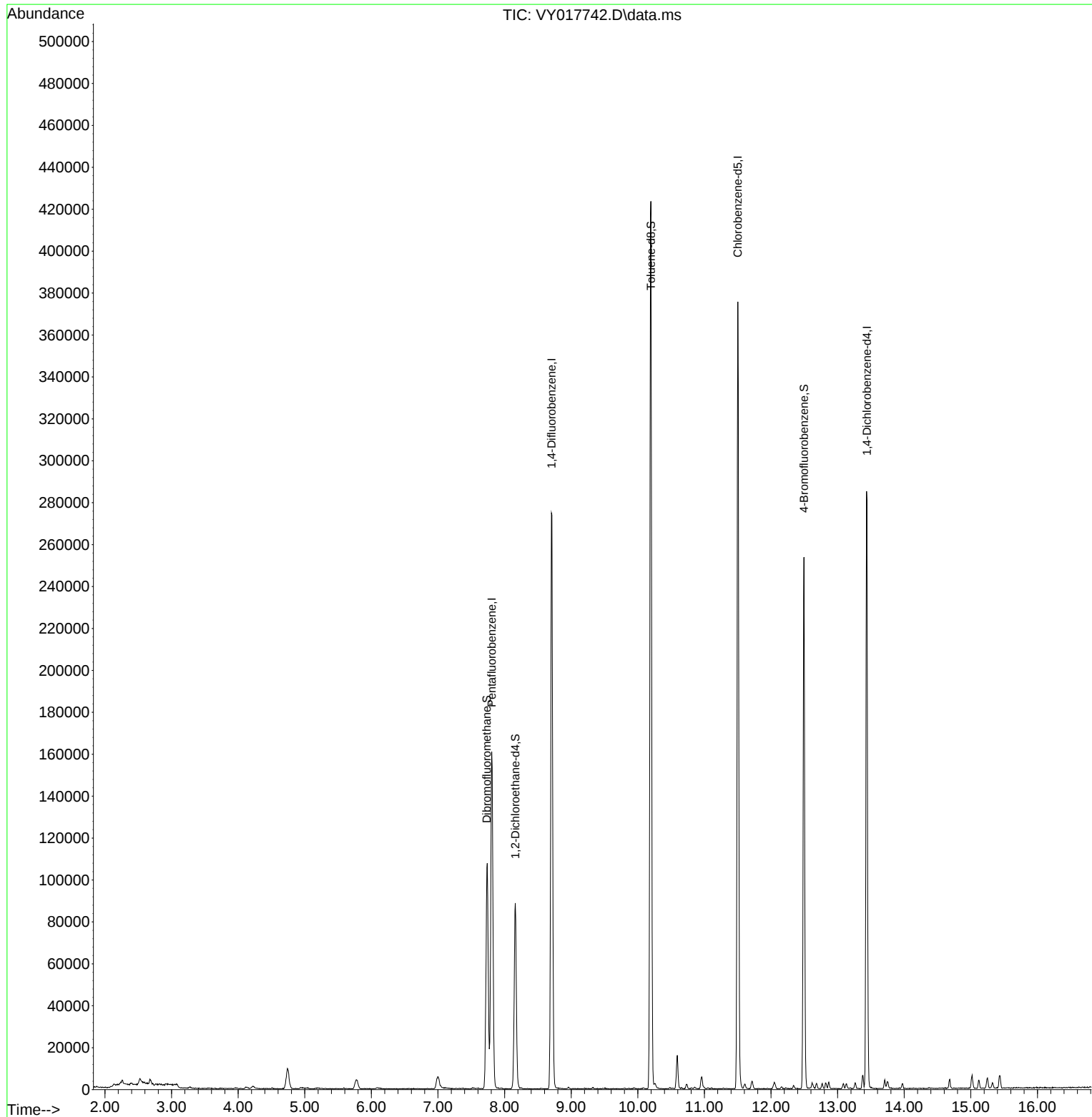
Target Compounds	Qvalue

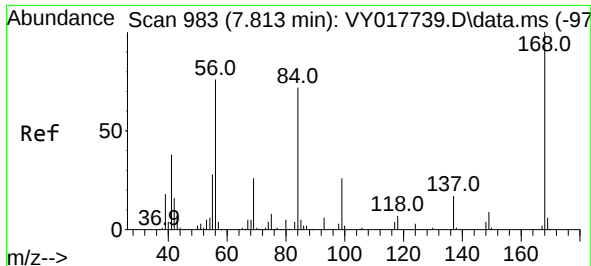
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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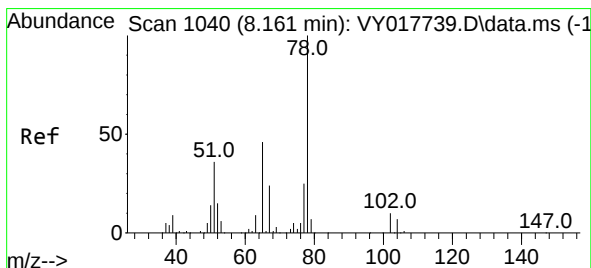
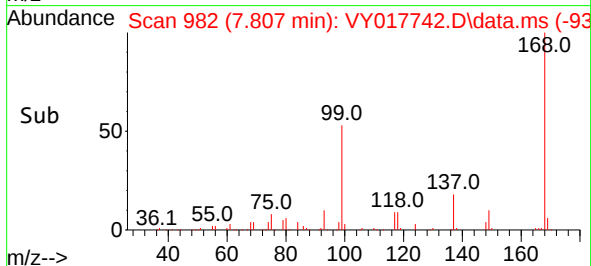
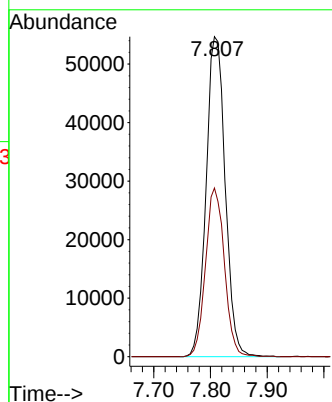
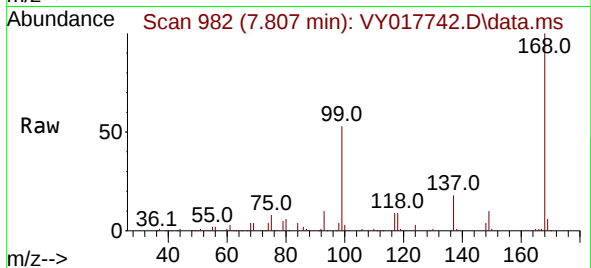




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY017742.D
Acq: 22 Mar 2024 12:23

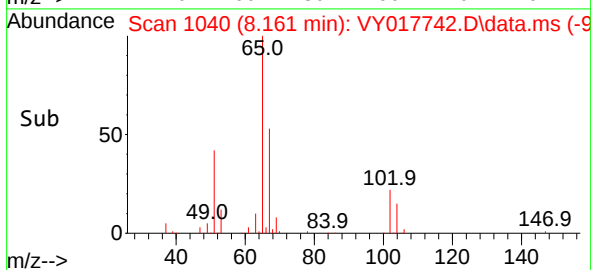
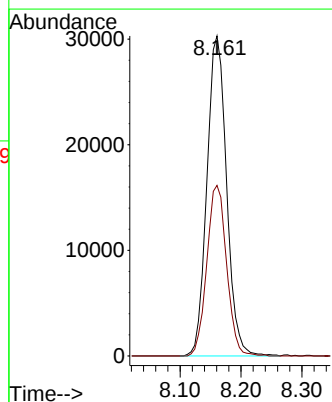
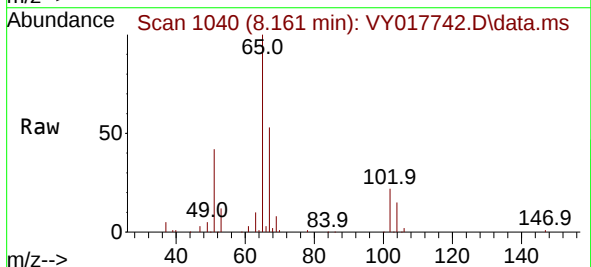
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

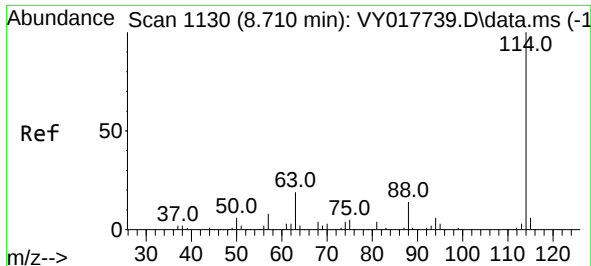
Tgt Ion:168 Resp: 127904
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 61.030 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY017742.D
Acq: 22 Mar 2024 12:23

Tgt Ion: 65 Resp: 68004
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY017742.D

Acq: 22 Mar 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

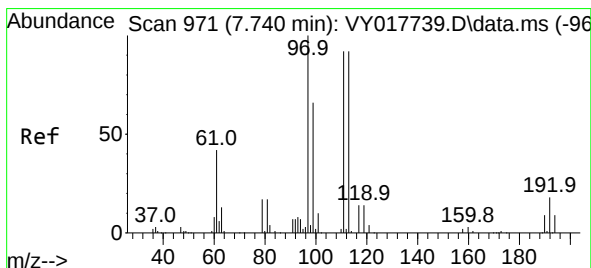
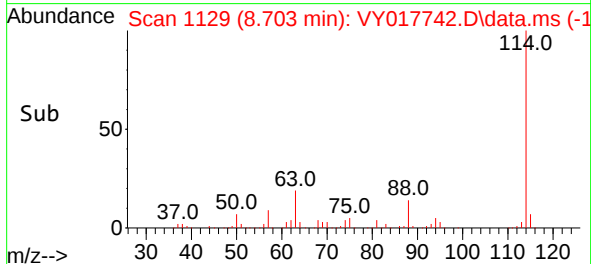
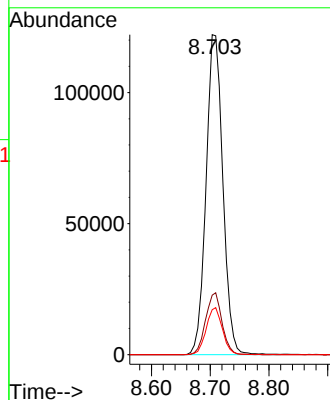
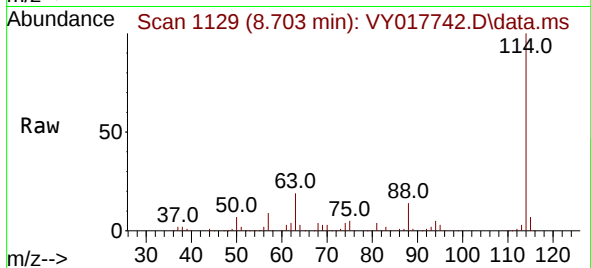
Tgt Ion:114 Resp: 242937

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.801 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY017742.D

Acq: 22 Mar 2024 12:23

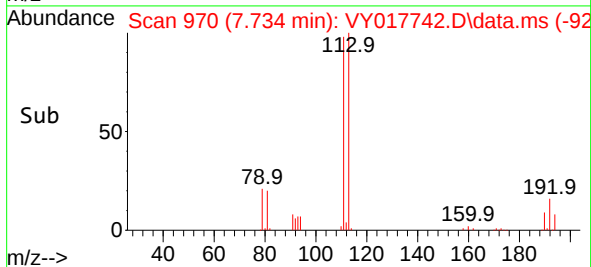
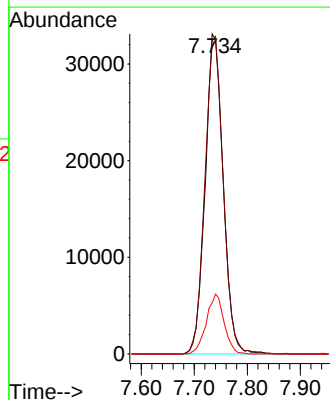
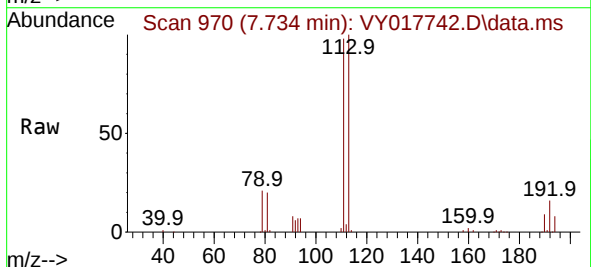
Tgt Ion:113 Resp: 78129

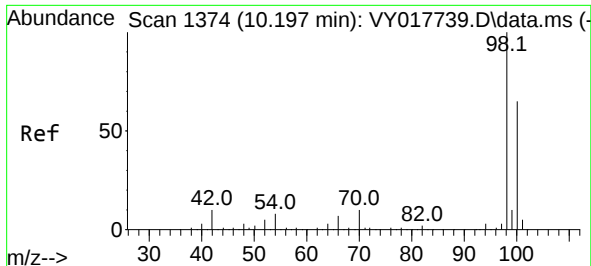
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 18.4 15.9 23.9

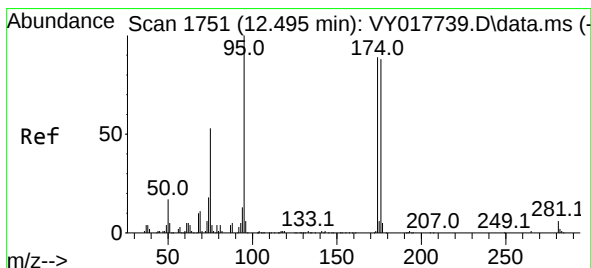
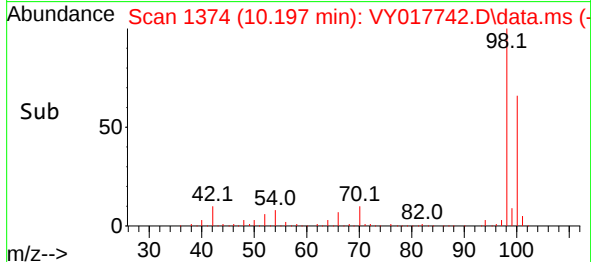
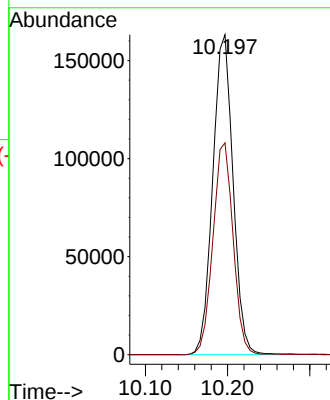
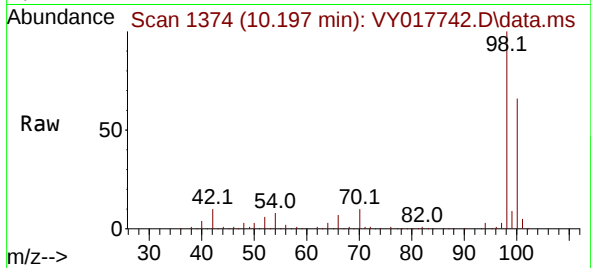




#50
Toluene-d8
Concen: 50.352 ug/l
RT: 10.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017742.D
Acq: 22 Mar 2024 12:23

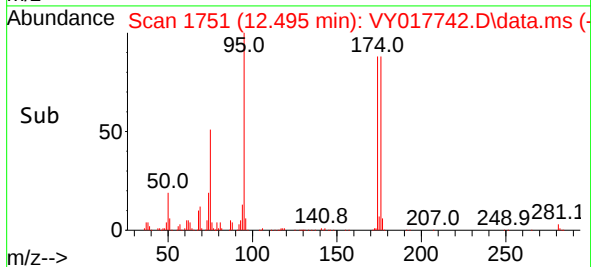
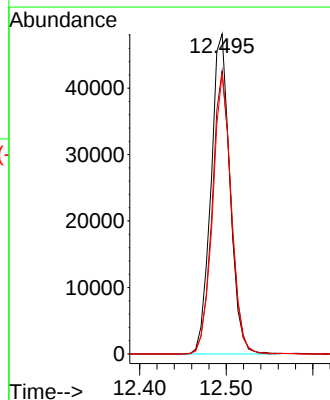
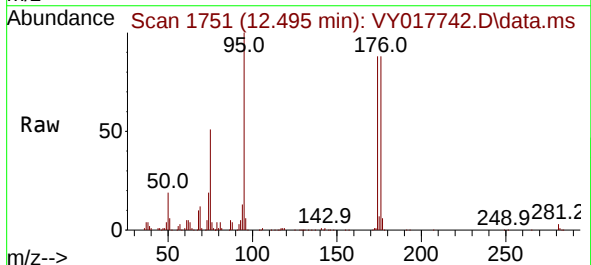
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

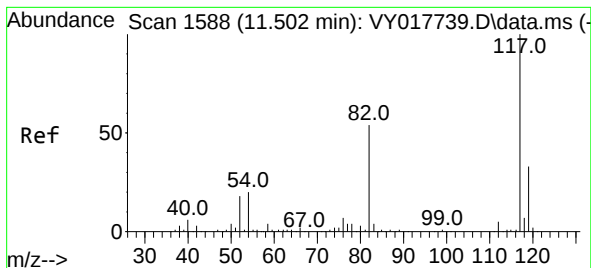
Tgt Ion: 98 Resp: 279845
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.033 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017742.D
Acq: 22 Mar 2024 12:23

Tgt Ion: 95 Resp: 73487
Ion Ratio Lower Upper
95 100
174 87.1 0.0 175.6
176 85.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017742.D

Acq: 22 Mar 2024 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

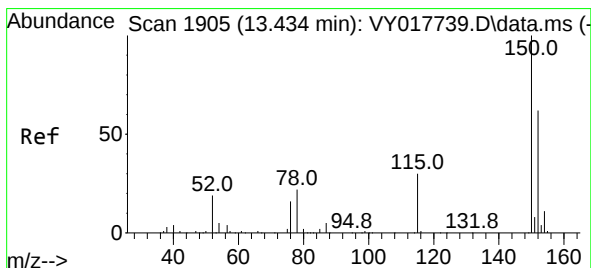
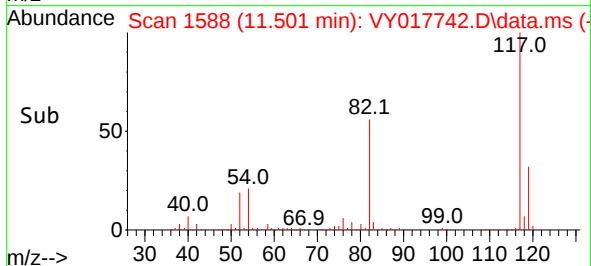
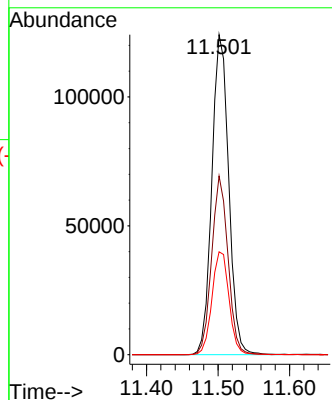
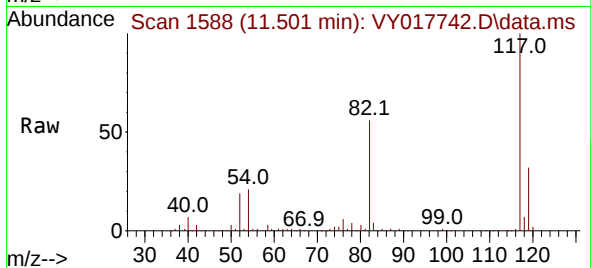
Tgt Ion:117 Resp: 202977

Ion Ratio Lower Upper

117 100

82 55.8 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017742.D

Acq: 22 Mar 2024 12:23

Tgt Ion:152 Resp: 75752

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 155.7 0.0 345.6

