

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016893.D
 Acq On : 02 Jan 2024 13:39
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 03 00:17:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	126941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	257922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	243966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91799	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59503	47.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.860%
35) Dibromofluoromethane	7.728	113	64781	39.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.820%
50) Toluene-d8	10.191	98	239967	42.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.800%
62) 4-Bromofluorobenzene	12.489	95	75246	39.406	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.820%

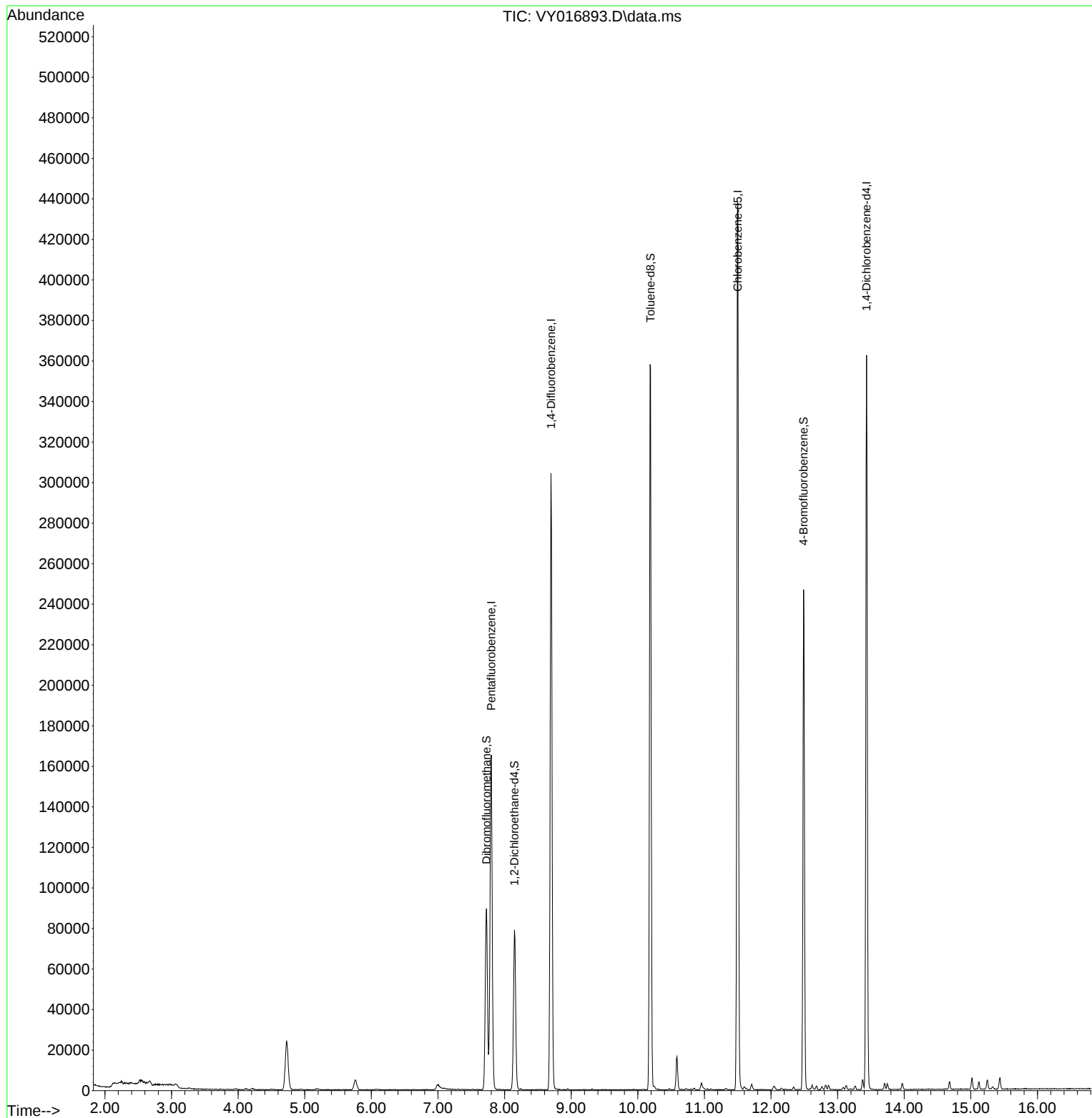
Target Compounds	Qvalue

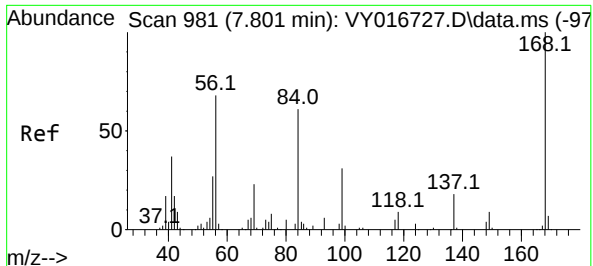
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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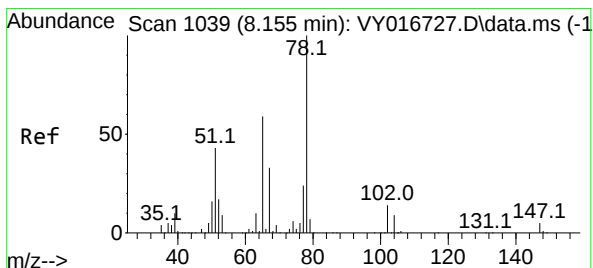
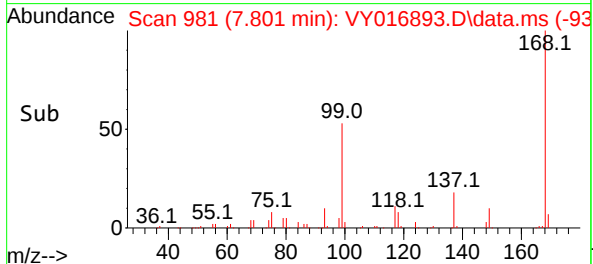
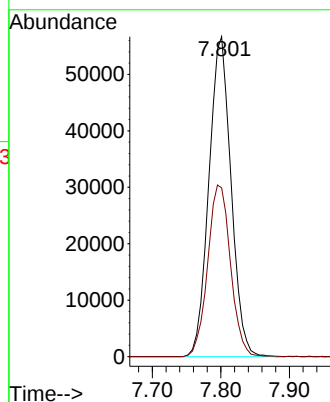
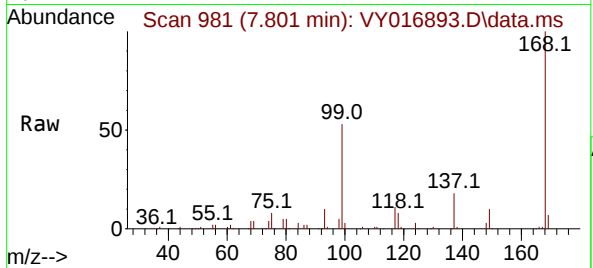




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016893.D
Acq: 02 Jan 2024 13:39

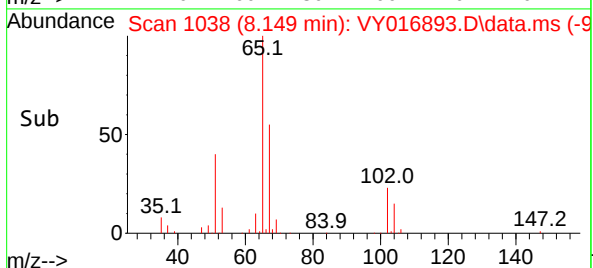
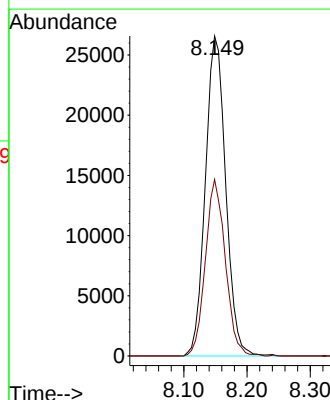
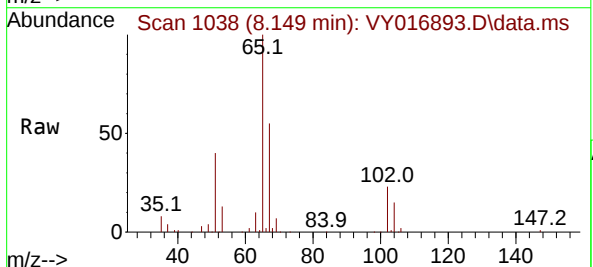
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

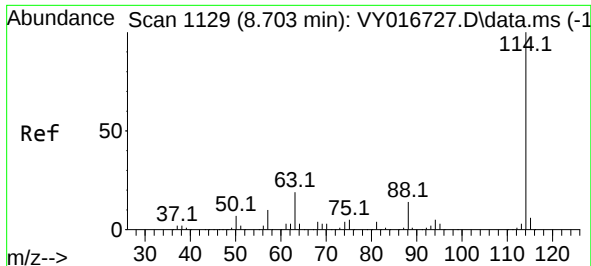
Tgt Ion:168 Resp: 126941
Ion Ratio Lower Upper
168 100
99 52.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.427 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016893.D
Acq: 02 Jan 2024 13:39

Tgt Ion: 65 Resp: 59503
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016893.D

Acq: 02 Jan 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

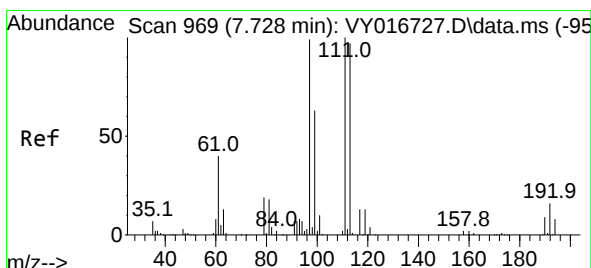
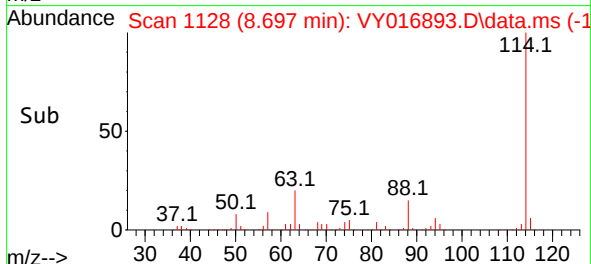
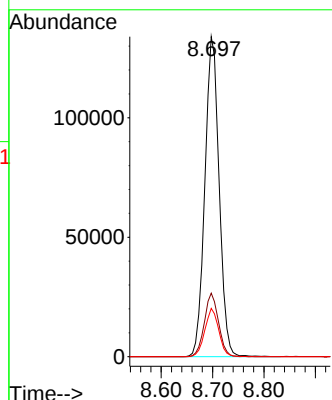
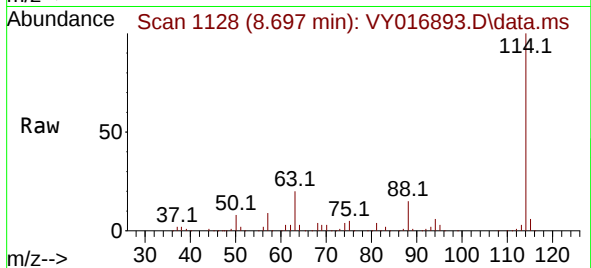
Tgt Ion:114 Resp: 257922

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.415 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016893.D

Acq: 02 Jan 2024 13:39

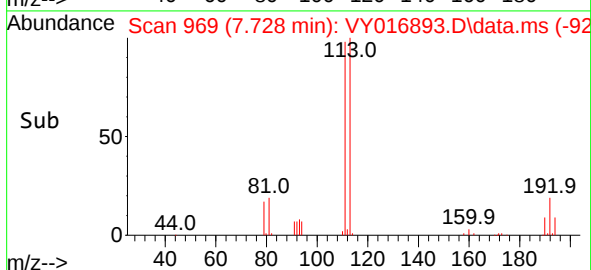
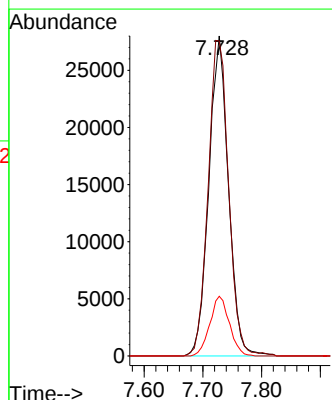
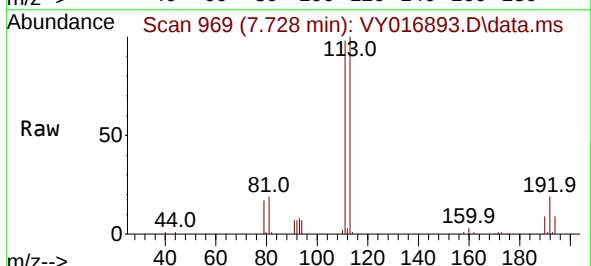
Tgt Ion:113 Resp: 64781

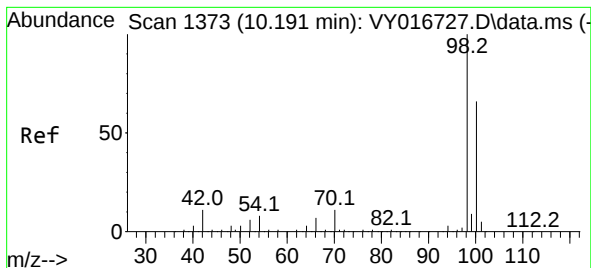
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.7 14.5 21.7

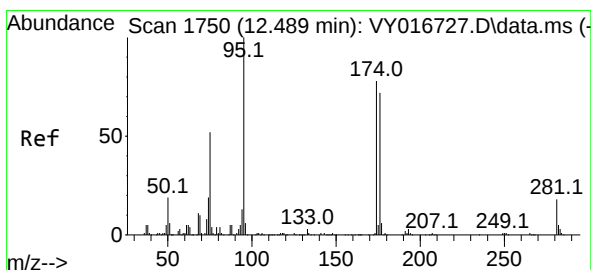
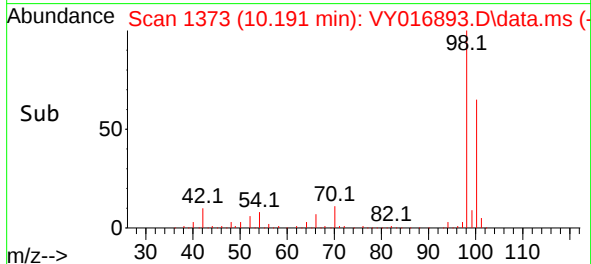
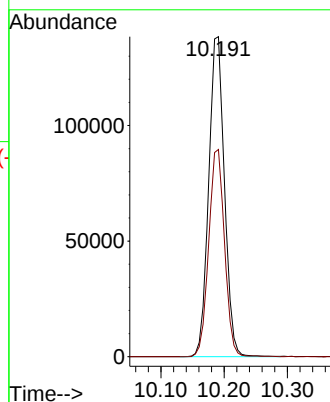
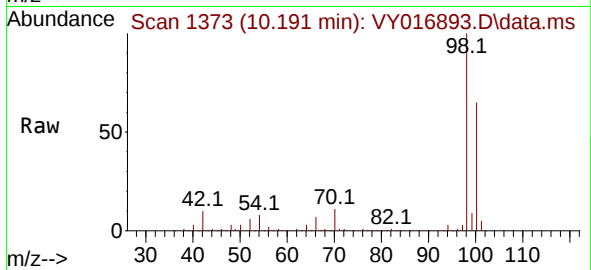




#50
Toluene-d8
Concen: 42.399 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016893.D
Acq: 02 Jan 2024 13:39

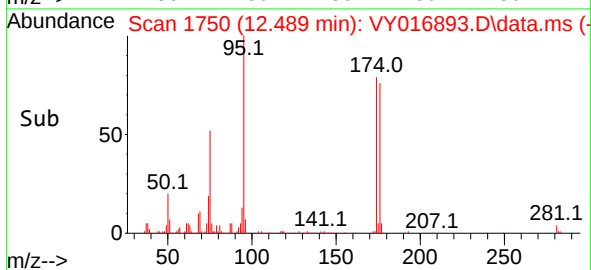
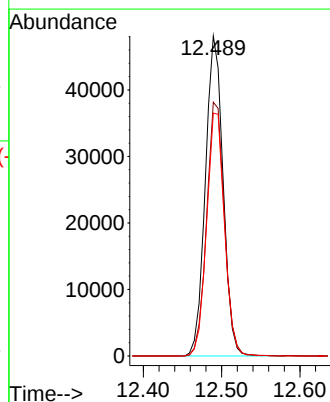
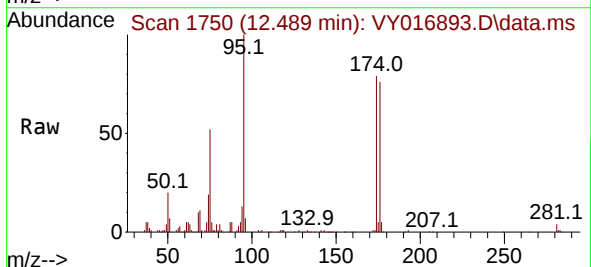
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

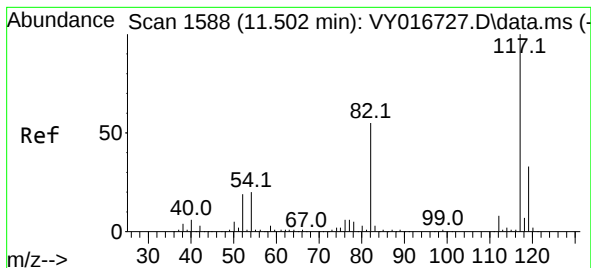
Tgt Ion: 98 Resp: 239967
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.406 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016893.D
Acq: 02 Jan 2024 13:39

Tgt Ion: 95 Resp: 75246
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.0
176 76.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016893.D

Acq: 02 Jan 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

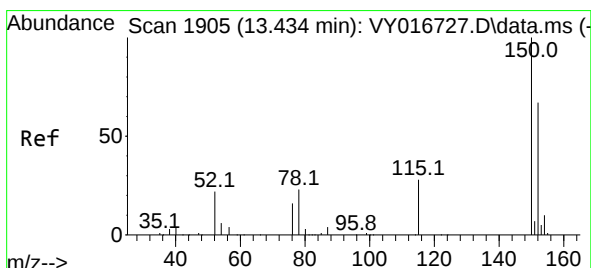
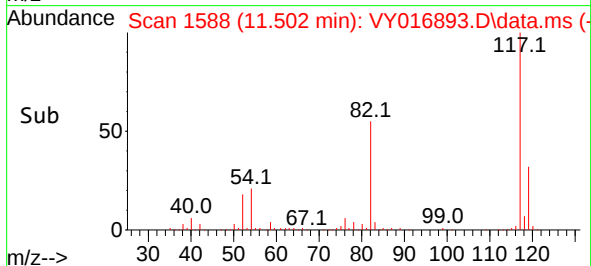
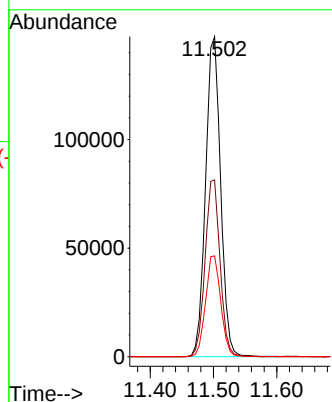
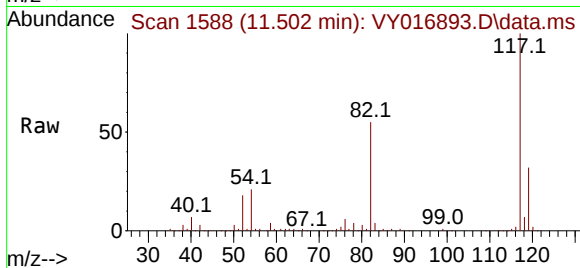
Tgt Ion:117 Resp: 243966

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

119 31.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016893.D

Acq: 02 Jan 2024 13:39

Tgt Ion:152 Resp: 91799

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 158.7 0.0 344.6

