

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019397.D
 Acq On : 30 Aug 2024 15:49
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 30 23:16:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	159071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	276397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	201004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	97649	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	78265	51.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.900%
35) Dibromofluoromethane	7.628	113	85706	49.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.103	98	277062	43.070	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.140%
62) 4-Bromofluorobenzene	12.402	95	98998	47.581	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.160%

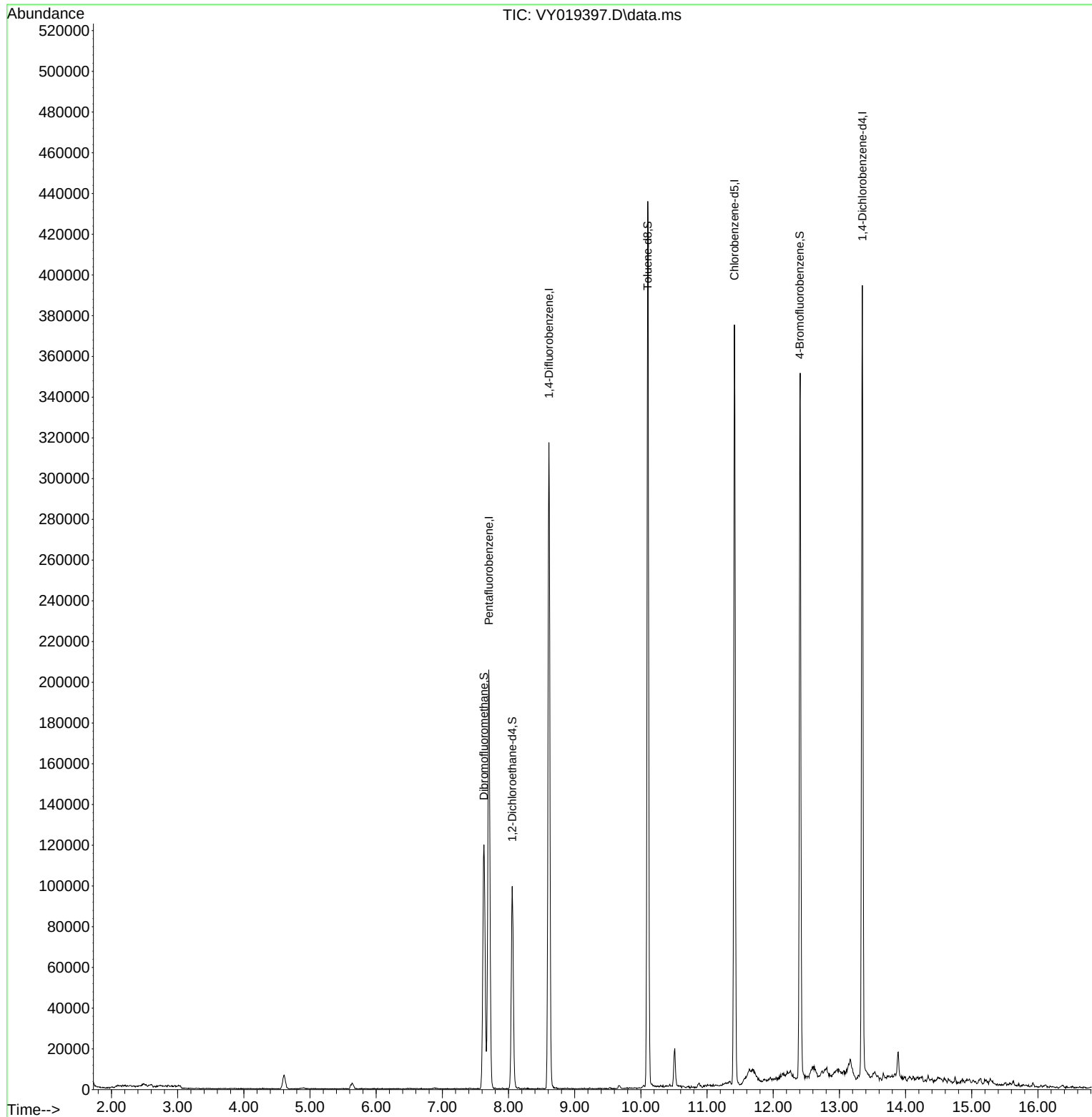
Target Compounds	Qvalue

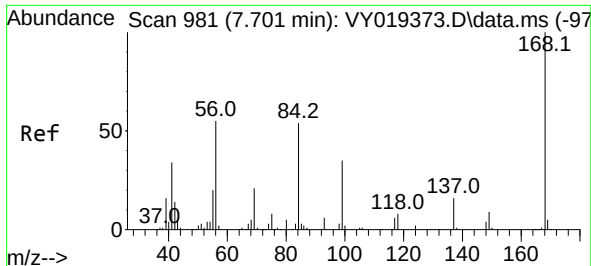
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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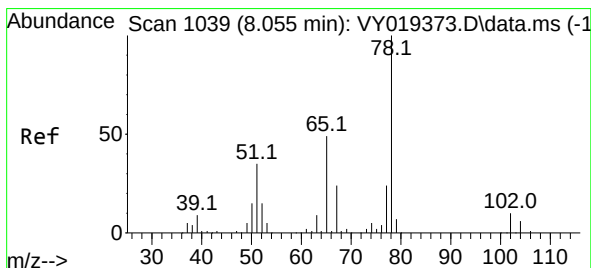
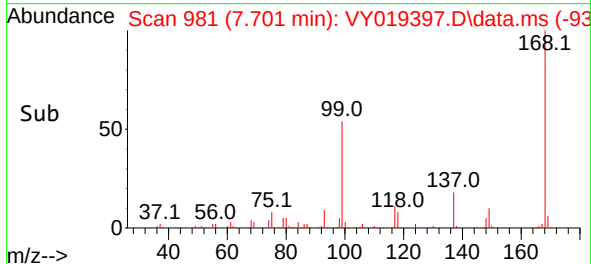
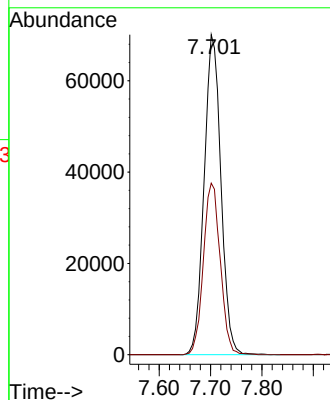
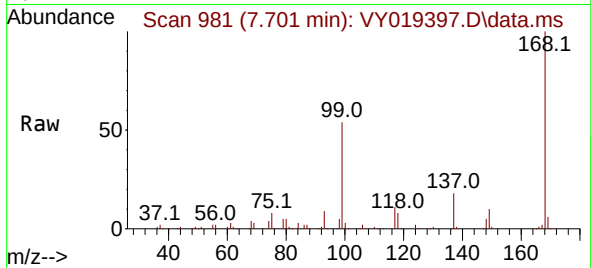




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

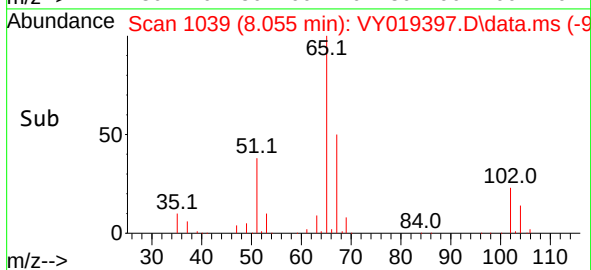
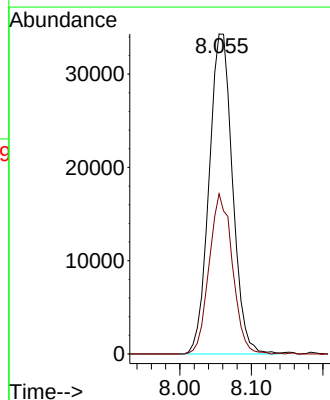
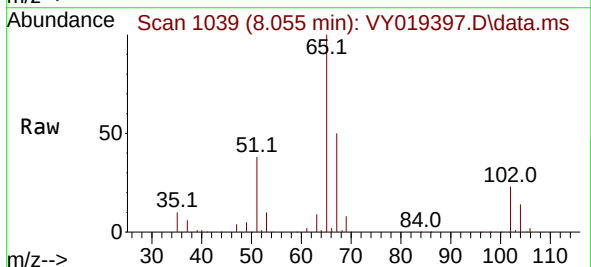
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

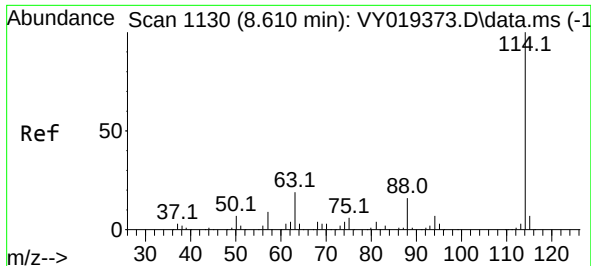
Tgt Ion:168 Resp: 159071
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.945 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019397.D
Acq: 30 Aug 2024 15:49

Tgt Ion: 65 Resp: 78265
Ion Ratio Lower Upper
65 100
67 49.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019397.D

Acq: 30 Aug 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

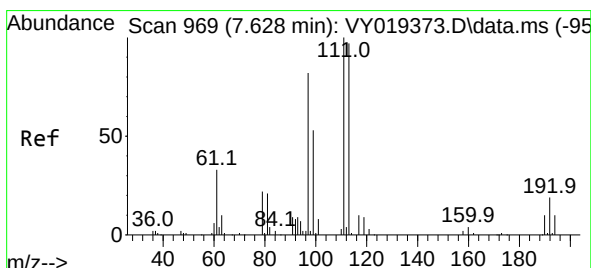
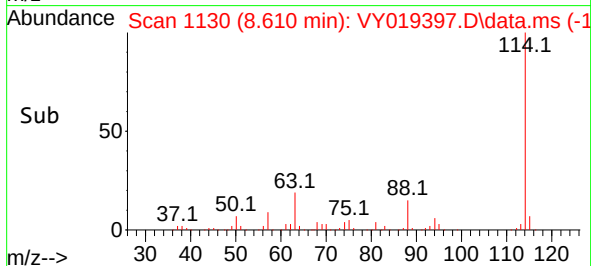
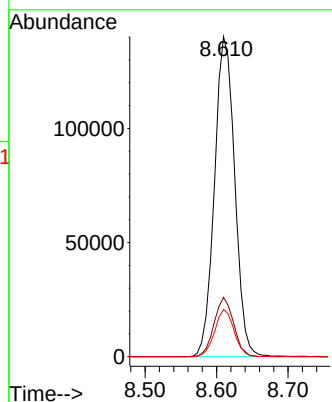
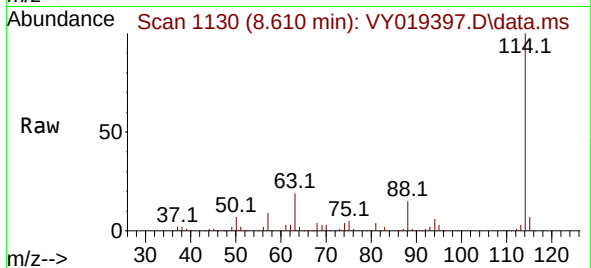
Tgt Ion:114 Resp: 276397

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.046 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY019397.D

Acq: 30 Aug 2024 15:49

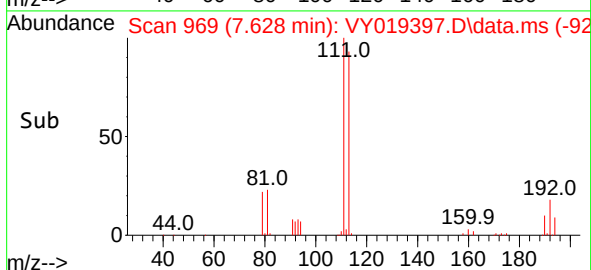
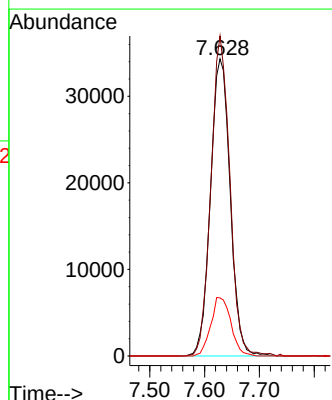
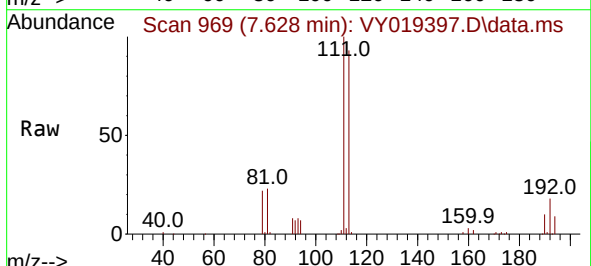
Tgt Ion:113 Resp: 85706

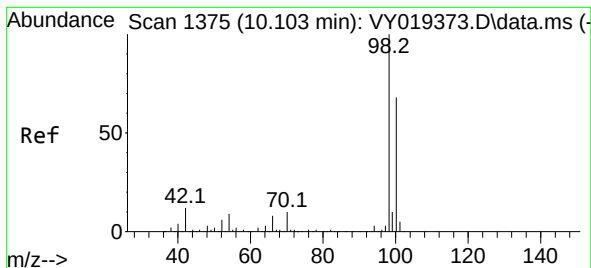
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 20.1 15.9 23.9





#50

Toluene-d8

Concen: 43.070 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019397.D

Acq: 30 Aug 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

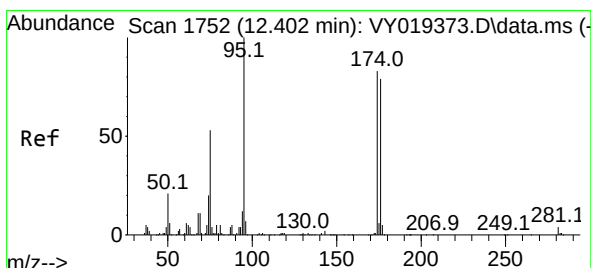
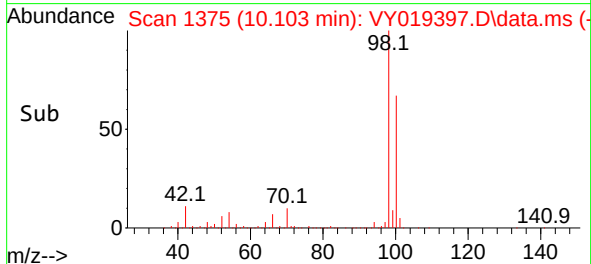
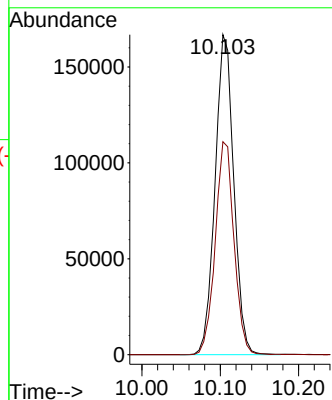
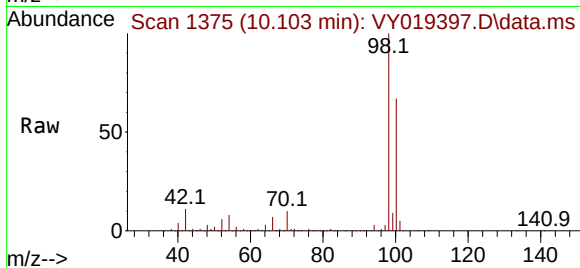
VIBLK

Tgt Ion: 98 Resp: 277062

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.581 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019397.D

Acq: 30 Aug 2024 15:49

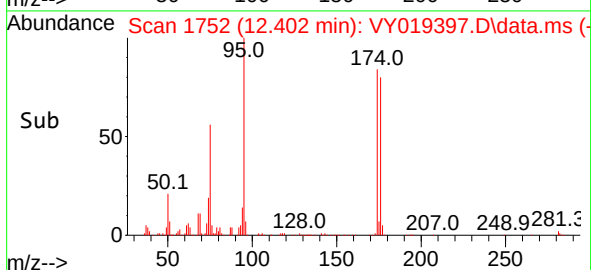
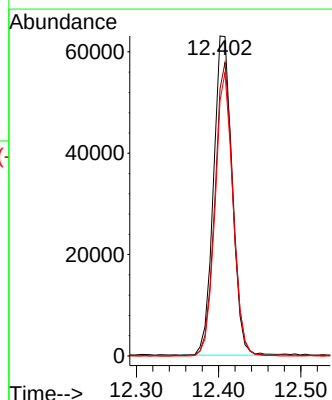
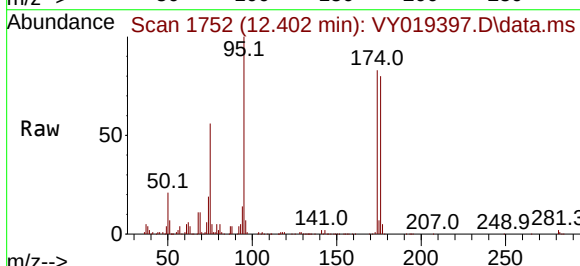
Tgt Ion: 95 Resp: 98998

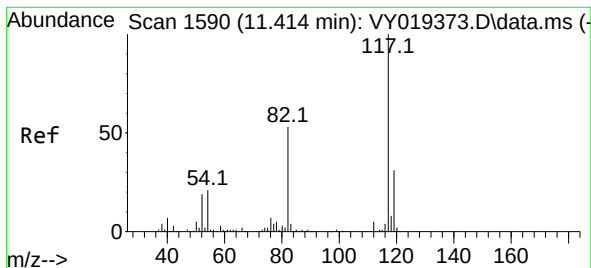
Ion Ratio Lower Upper

95 100

174 90.0 0.0 175.6

176 85.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019397.D

Acq: 30 Aug 2024 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

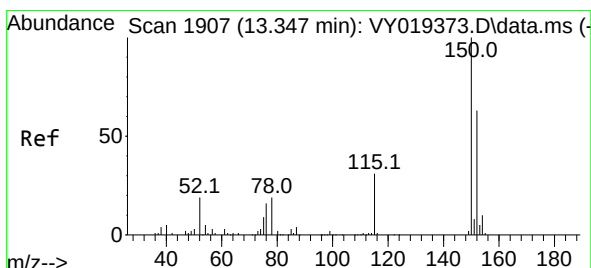
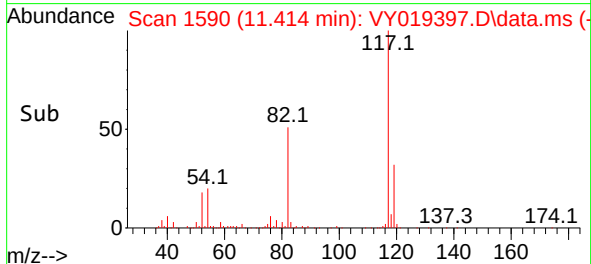
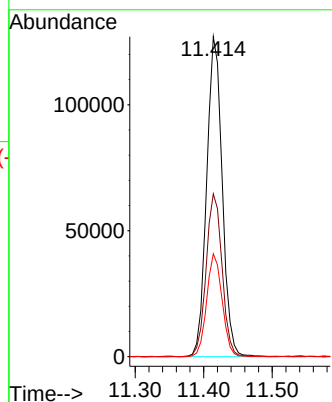
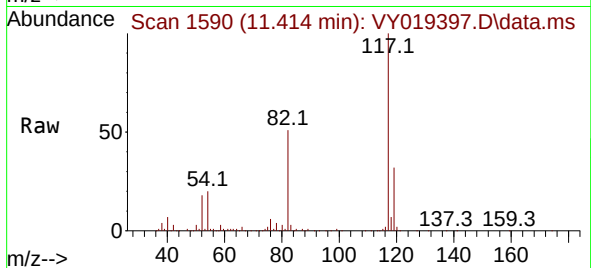
Tgt Ion:117 Resp: 201004

Ion Ratio Lower Upper

117 100

82 50.9 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019397.D

Acq: 30 Aug 2024 15:49

Tgt Ion:152 Resp: 97649

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 155.8 0.0 345.6

