

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019253.D
 Acq On : 23 Aug 2024 13:27
 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: Aug 23 22:56:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	85813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	151167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	135597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	49884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	40310	46.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.720%
35) Dibromofluoromethane	7.628	113	47323	47.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.103	98	168795	47.455	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.408	95	48390	39.907	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.820%

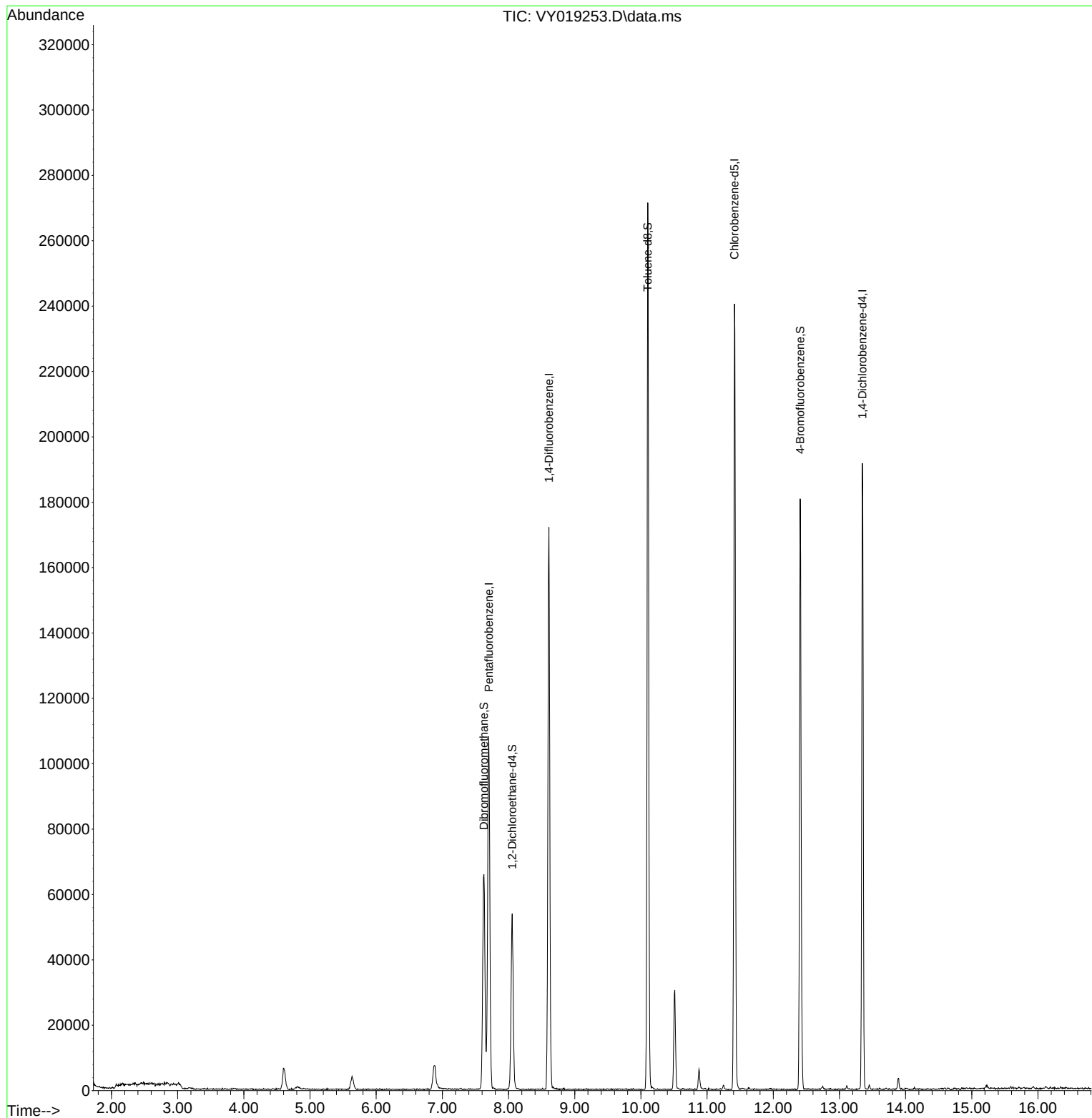
Target Compounds	Qvalue

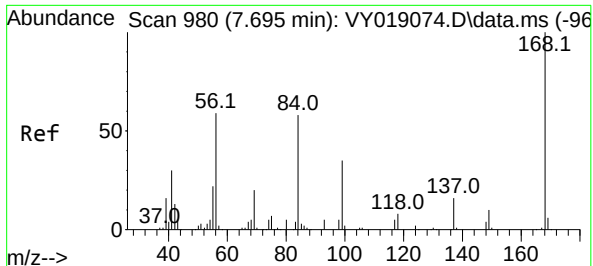
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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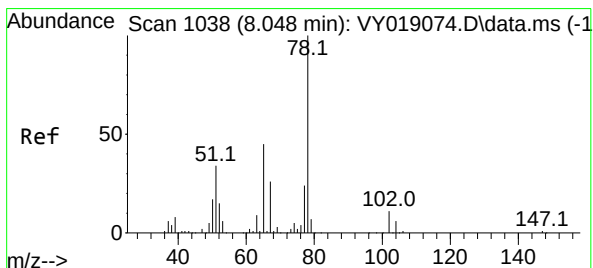
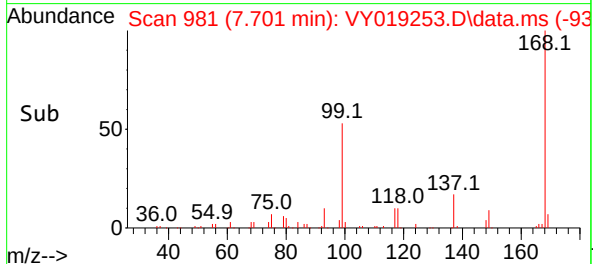
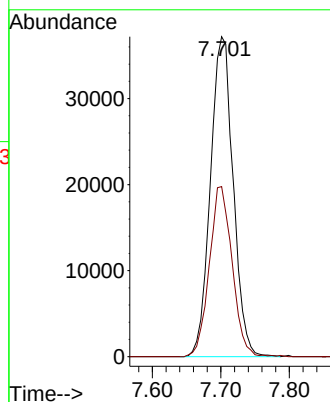
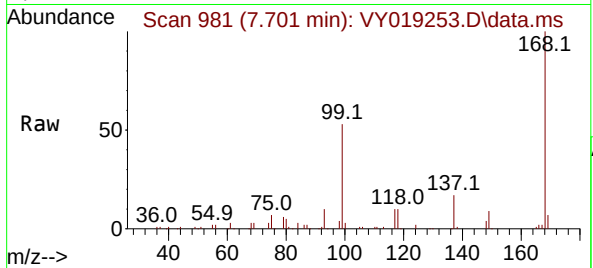




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019253.D
Acq: 23 Aug 2024 13:27

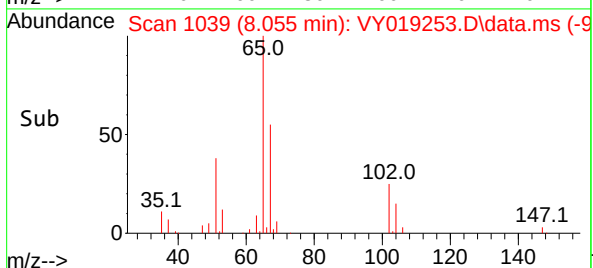
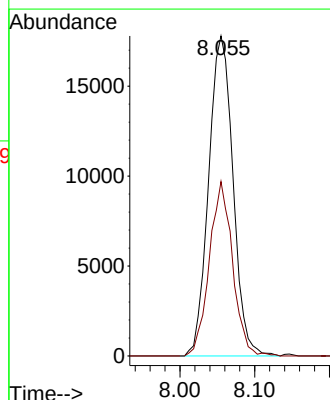
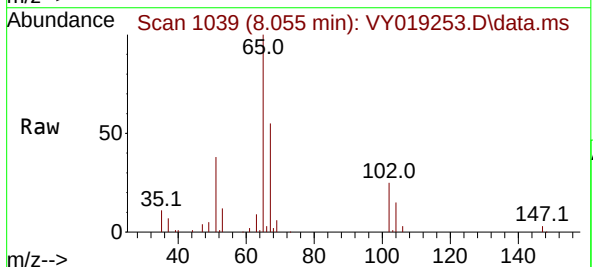
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

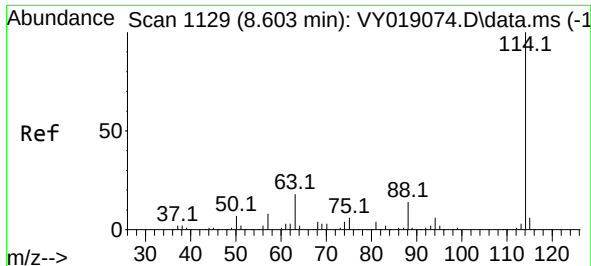
Tgt Ion:168 Resp: 85813
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 46.861 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019253.D
Acq: 23 Aug 2024 13:27

Tgt Ion: 65 Resp: 40310
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019253.D

Acq: 23 Aug 2024 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

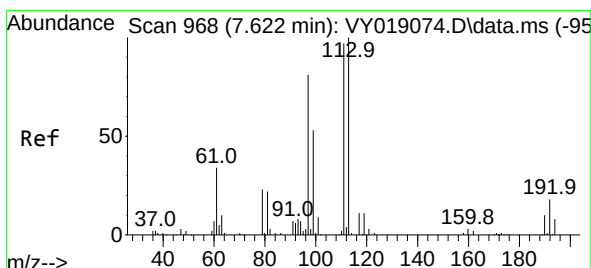
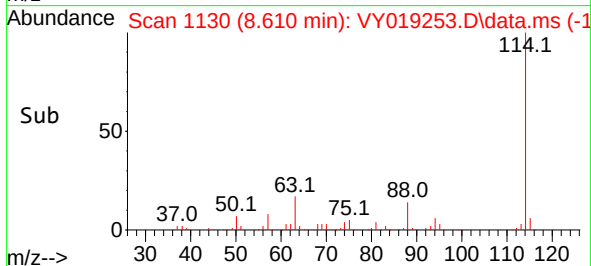
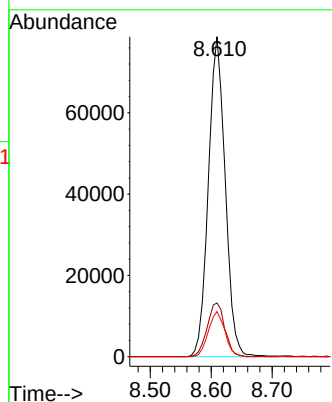
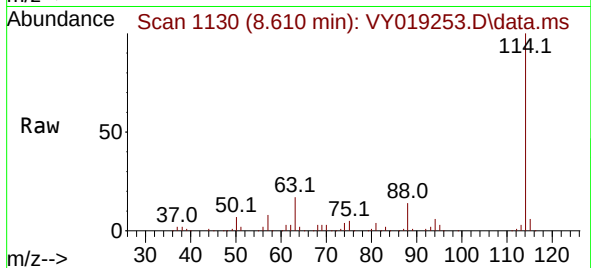
Tgt Ion:114 Resp: 151167

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.877 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019253.D

Acq: 23 Aug 2024 13:27

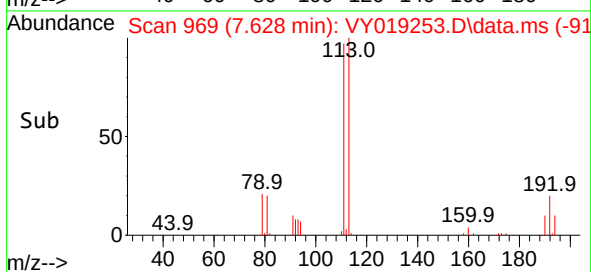
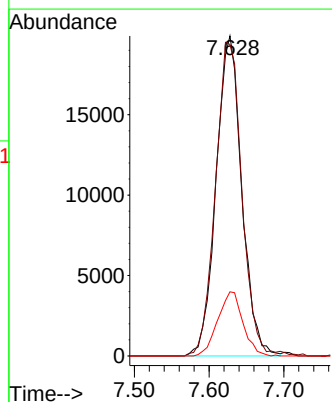
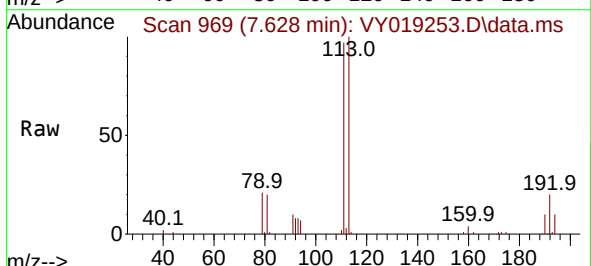
Tgt Ion:113 Resp: 47323

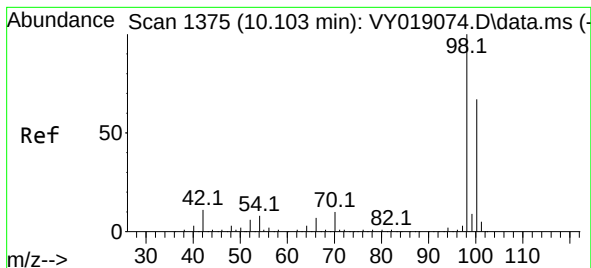
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 19.7 15.9 23.9

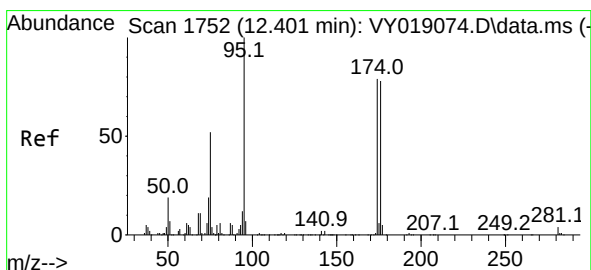
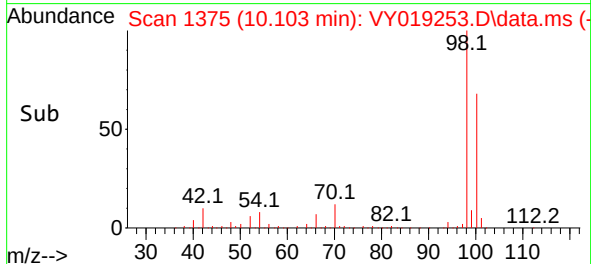
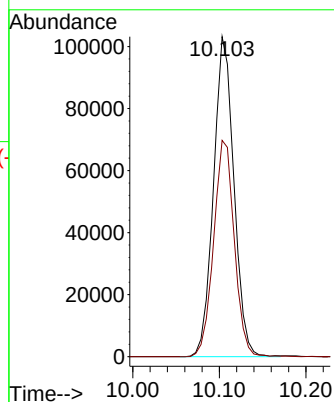
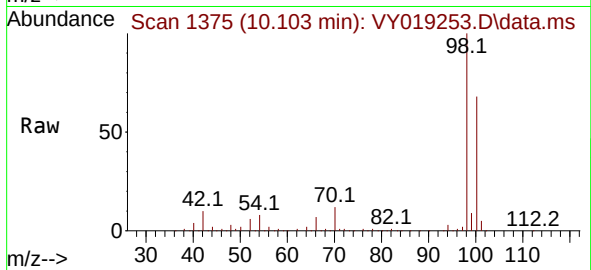




#50
Toluene-d8
Concen: 47.455 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019253.D
Acq: 23 Aug 2024 13:27

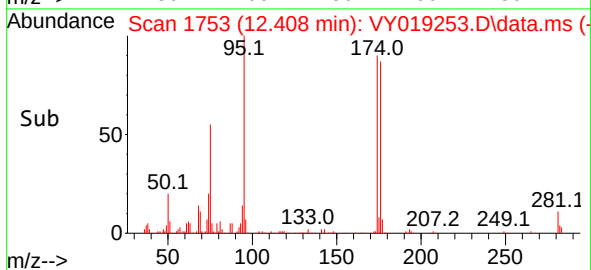
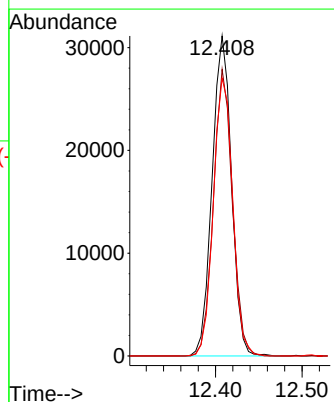
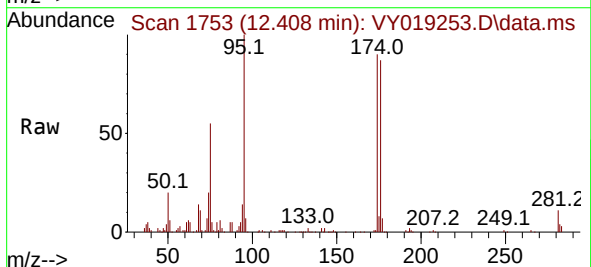
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

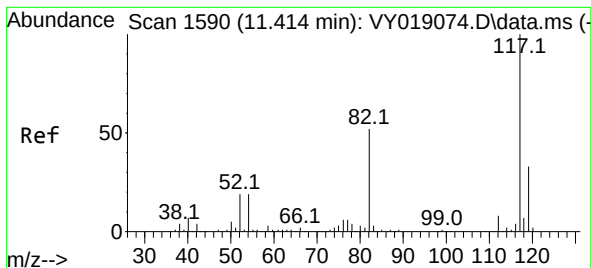
Tgt Ion: 98 Resp: 168795
Ion Ratio Lower Upper
98 100
100 68.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.907 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019253.D
Acq: 23 Aug 2024 13:27

Tgt Ion: 95 Resp: 48390
Ion Ratio Lower Upper
95 100
174 87.4 0.0 175.6
176 86.9 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: VY019253.D

Acq: 23 Aug 2024 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

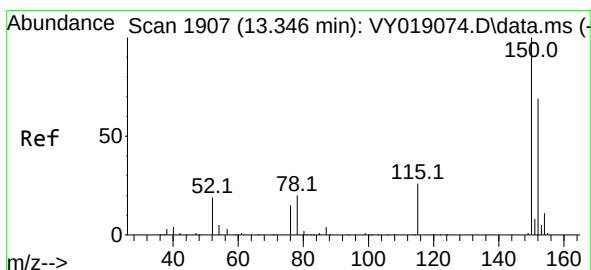
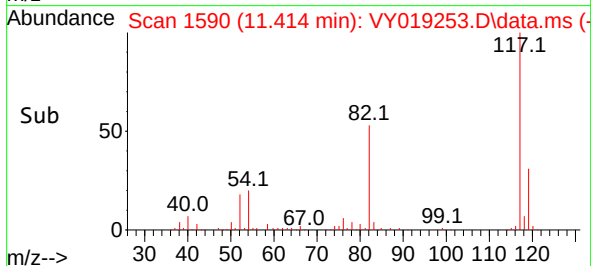
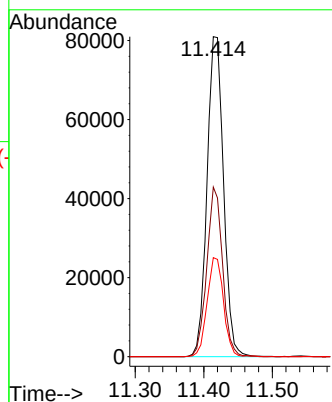
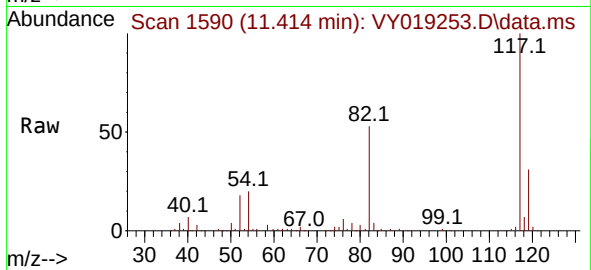
Tgt Ion:117 Resp: 135597

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

119 31.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019253.D

Acq: 23 Aug 2024 13:27

Tgt Ion:152 Resp: 49884

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 154.6 0.0 345.6

