

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013735.D
 Acq On : 15 May 2023 14:29
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 16 01:31:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128707	58.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.620%
35) Dibromofluoromethane	7.716	113	119393	53.455	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.900%
50) Toluene-d8	10.179	98	446747	56.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.460%
62) 4-Bromofluorobenzene	12.477	95	152914	57.086	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.180%

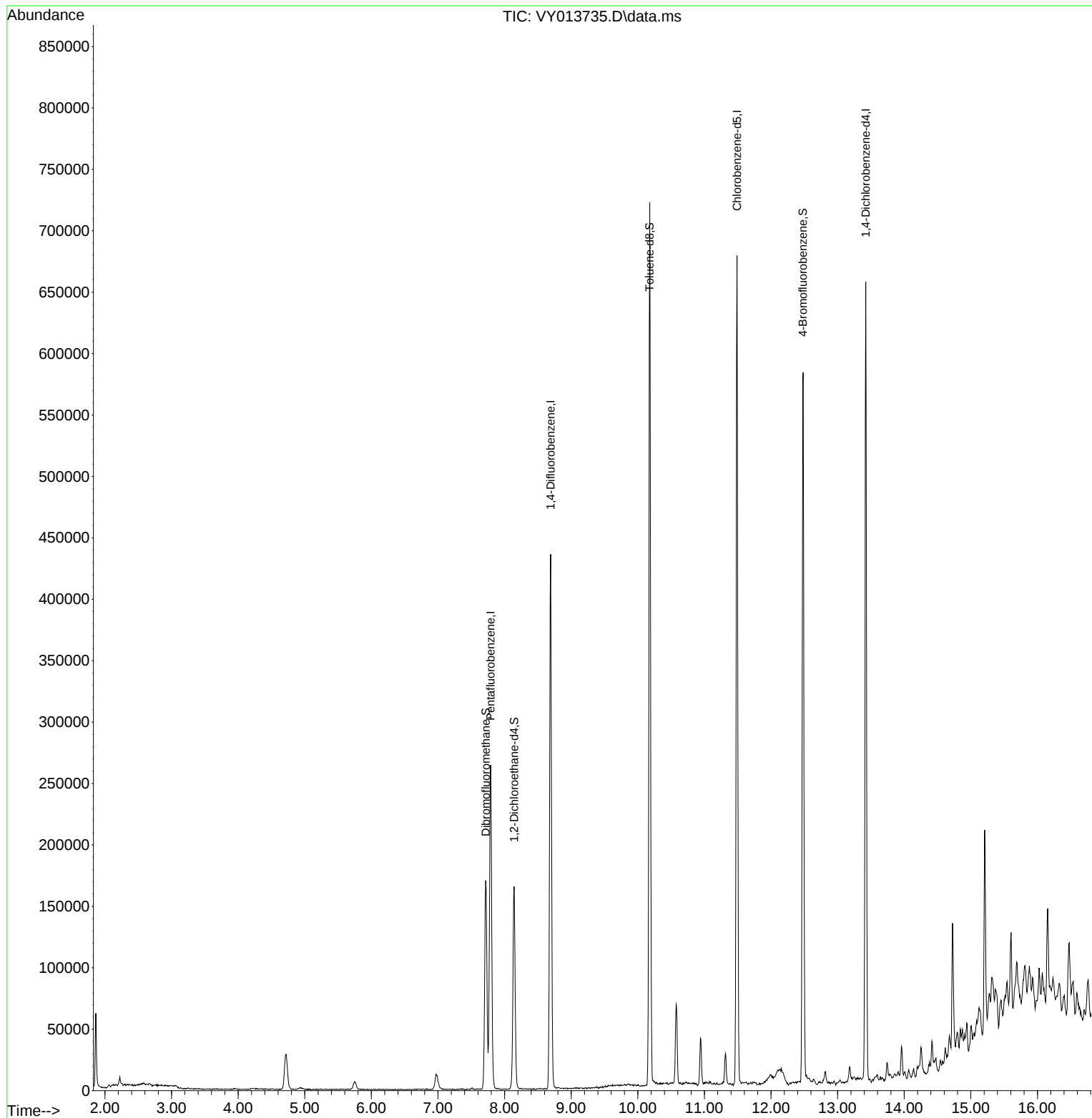
Target Compounds	Qvalue

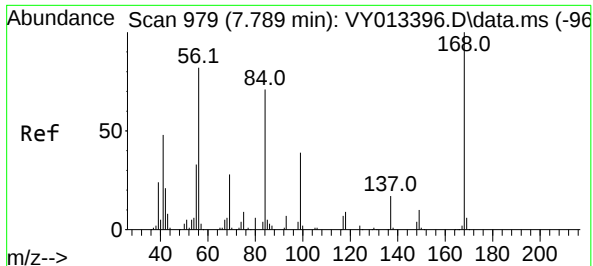
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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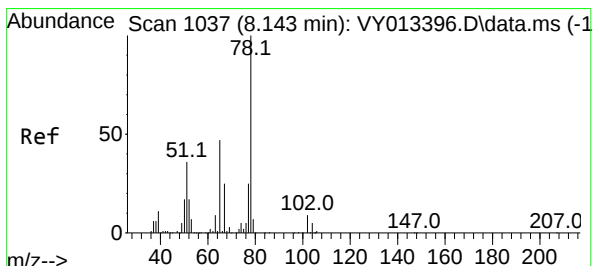
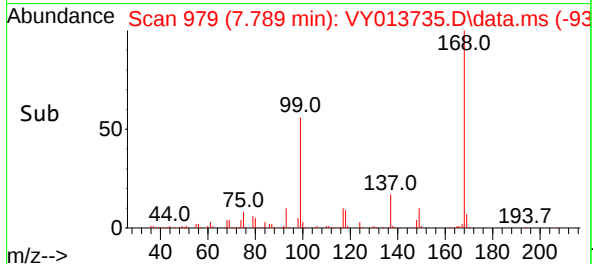
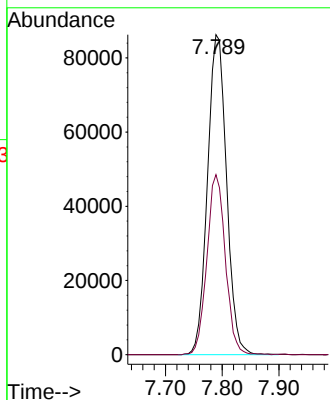
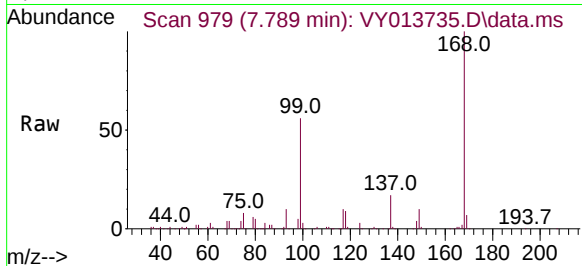




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013735.D
Acq: 15 May 2023 14:29

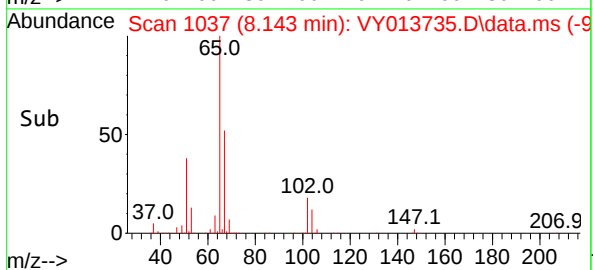
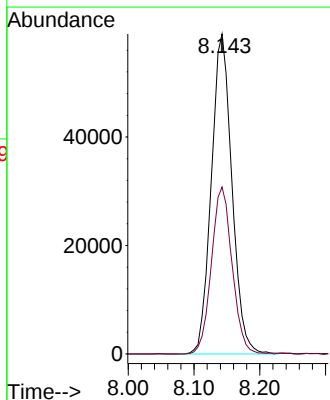
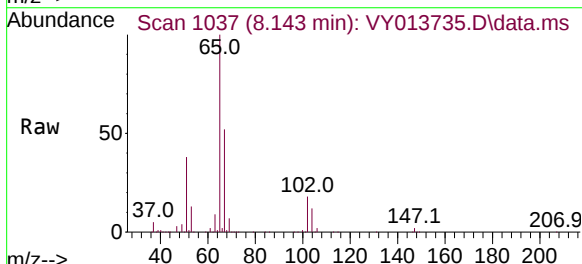
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

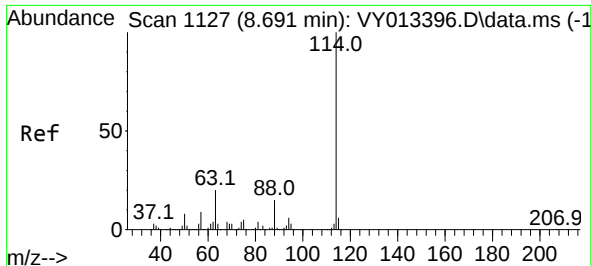
Tgt Ion:168 Resp: 201371
Ion Ratio Lower Upper
168 100
99 56.2 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 58.305 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013735.D
Acq: 15 May 2023 14:29

Tgt Ion: 65 Resp: 128707
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013735.D

Acq: 15 May 2023 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

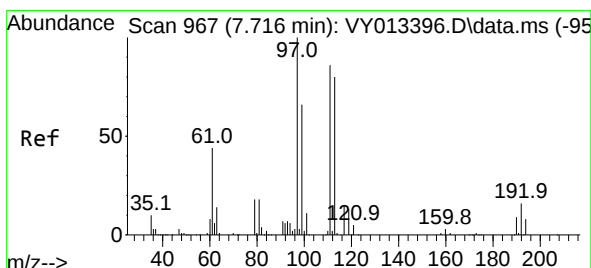
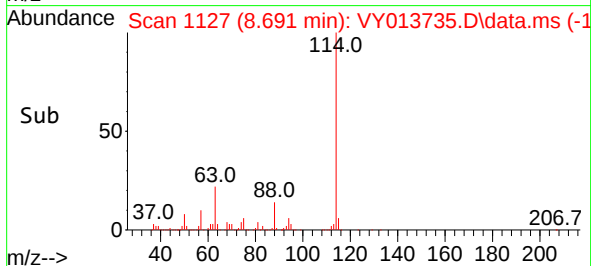
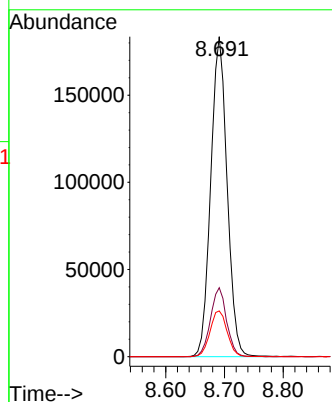
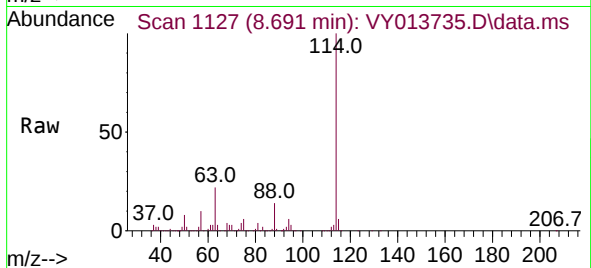
Tgt Ion:114 Resp: 355118

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.6

88 14.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 53.455 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013735.D

Acq: 15 May 2023 14:29

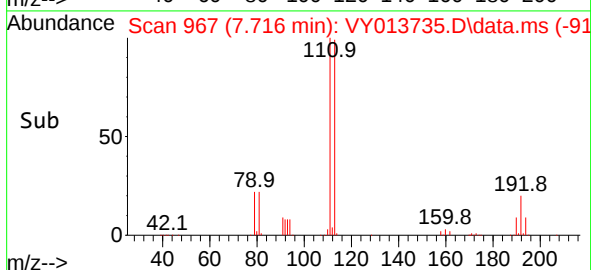
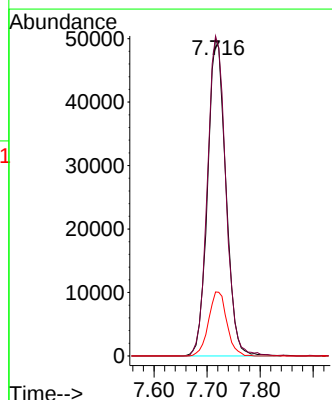
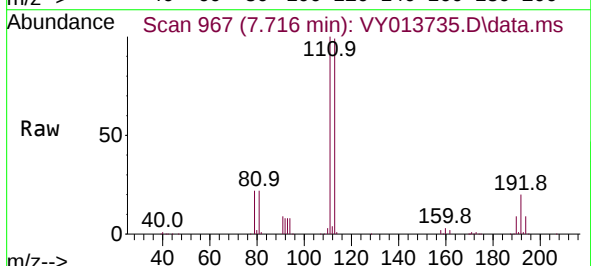
Tgt Ion:113 Resp: 119393

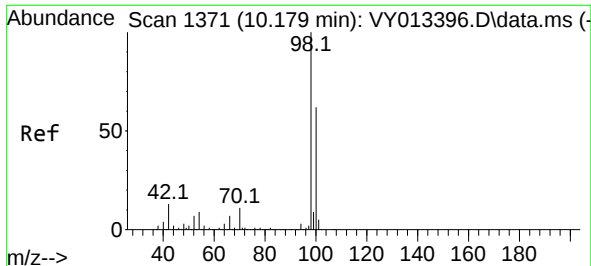
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 20.2 16.7 25.1

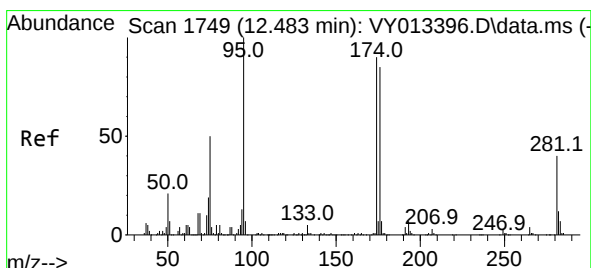
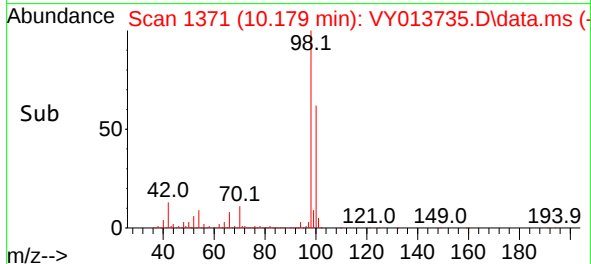
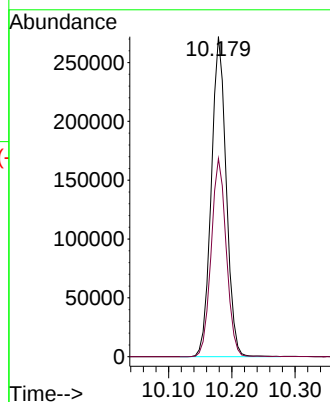
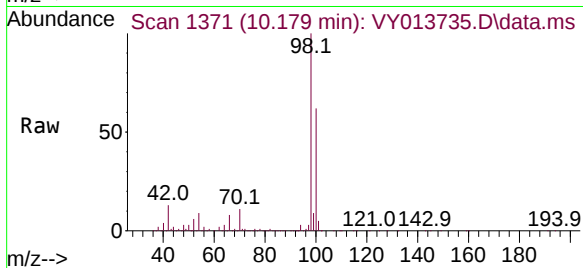




#50
Toluene-d8
Concen: 56.226 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013735.D
Acq: 15 May 2023 14:29

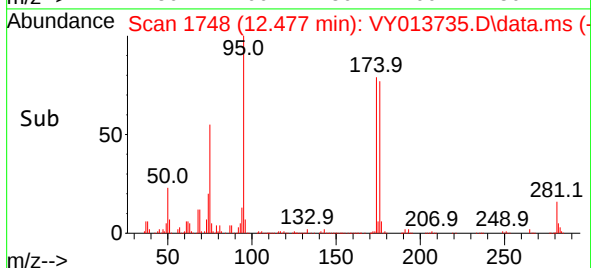
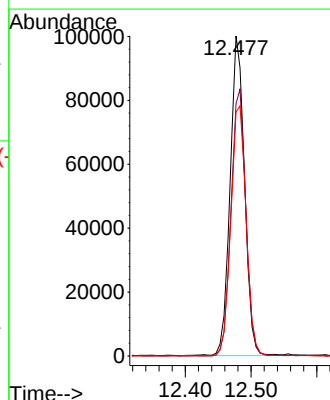
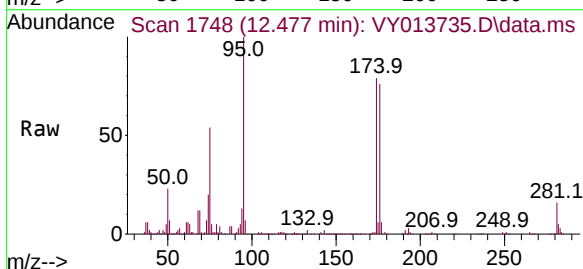
Instrument :
MSVOA_Y
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VIBLK

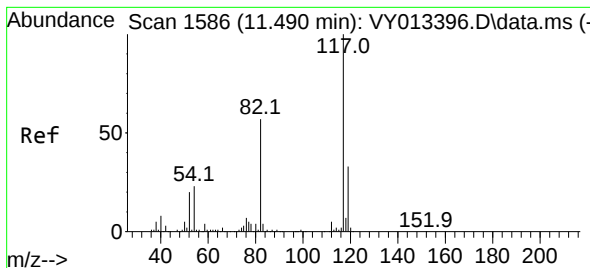
Tgt Ion: 98 Resp: 446747
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 57.086 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013735.D
Acq: 15 May 2023 14:29

Tgt Ion: 95 Resp: 152914
Ion Ratio Lower Upper
95 100
174 85.3 0.0 182.0
176 82.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013735.D

Acq: 15 May 2023 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

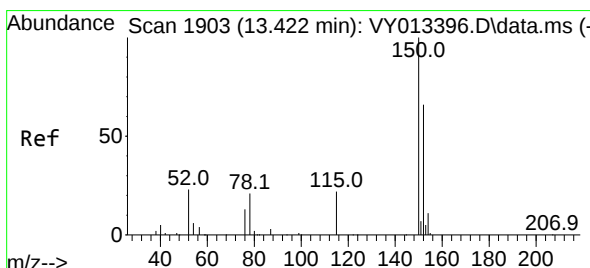
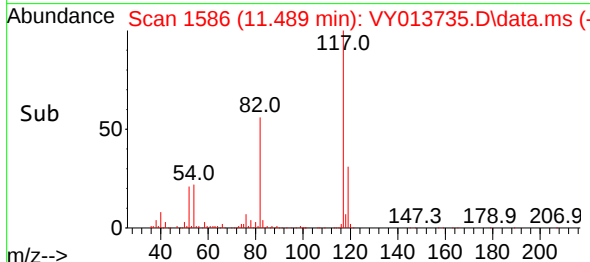
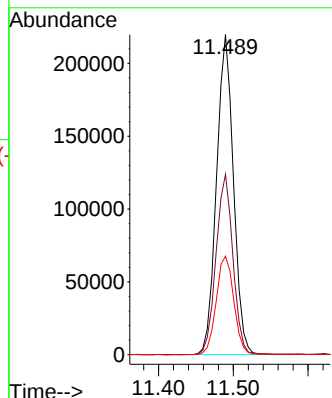
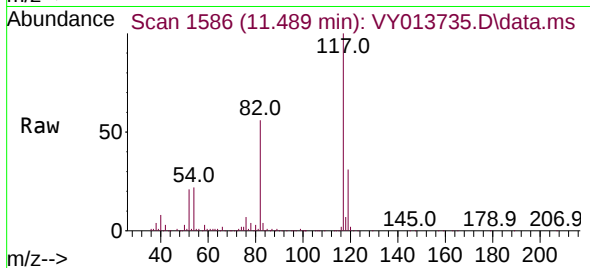
Tgt Ion:117 Resp: 346333

Ion Ratio Lower Upper

117 100

82 56.4 43.0 64.6

119 30.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013735.D

Acq: 15 May 2023 14:29

Tgt Ion:152 Resp: 157539

Ion Ratio Lower Upper

152 100

115 59.1 28.1 84.2

150 157.7 0.0 352.0

