

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013660.D
 Acq On : 09 May 2023 12:04
 Operator : KP/MD
 Sample : 02666-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-050823

Quant Time: May 10 05:34:54 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	7591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	11662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2937	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5190	62.369	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.740%
35) Dibromofluoromethane	7.722	113	4623	63.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.060%
50) Toluene-d8	10.185	98	13559	51.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.477	95	3389	38.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.060%

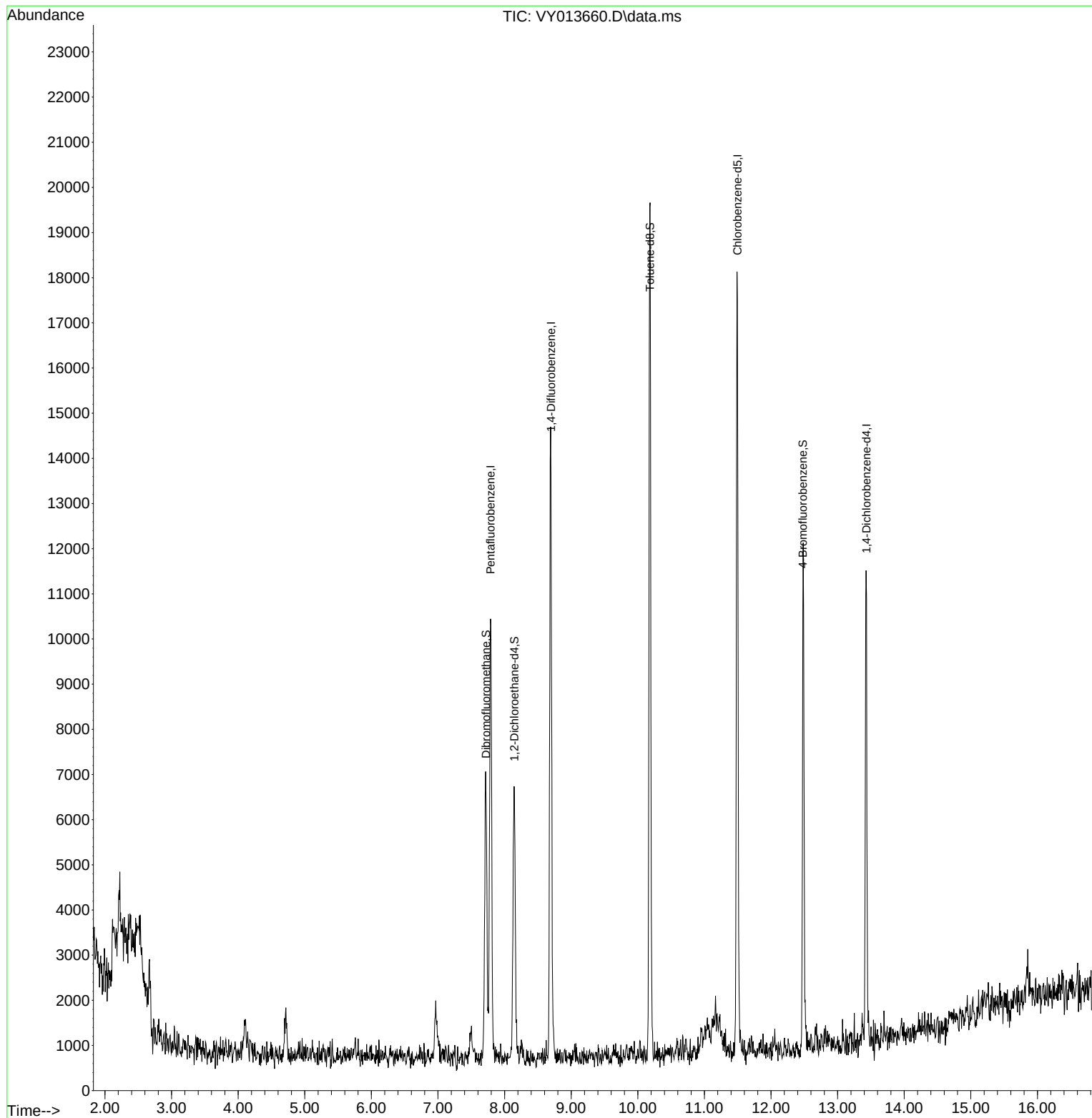
Target Compounds	Qvalue

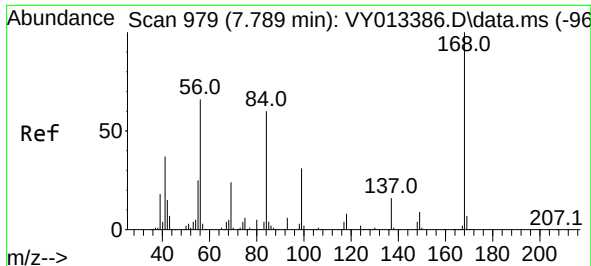
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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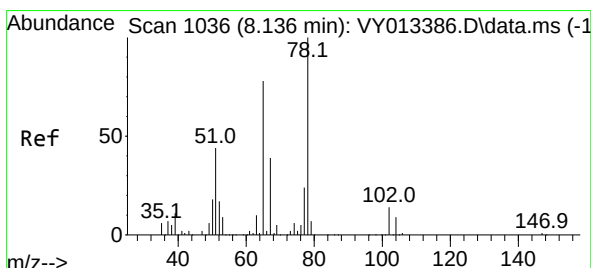
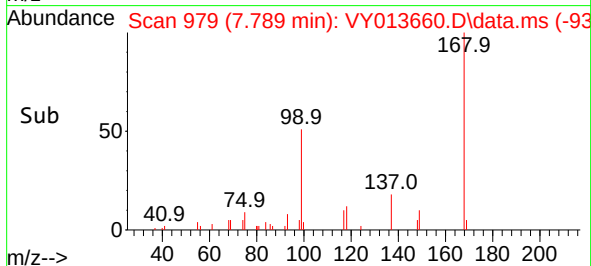
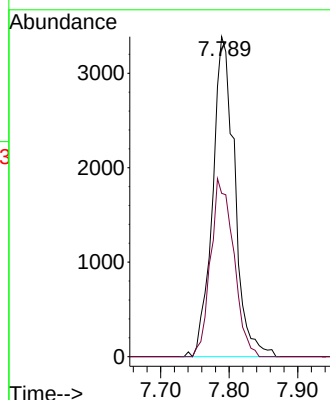
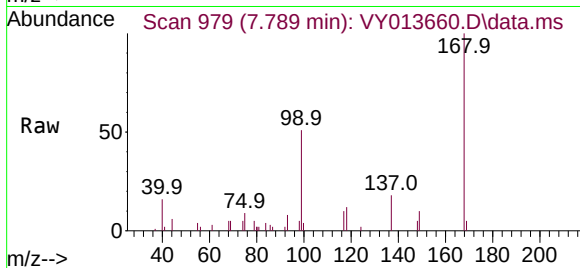




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013660.D
Acq: 09 May 2023 12:04

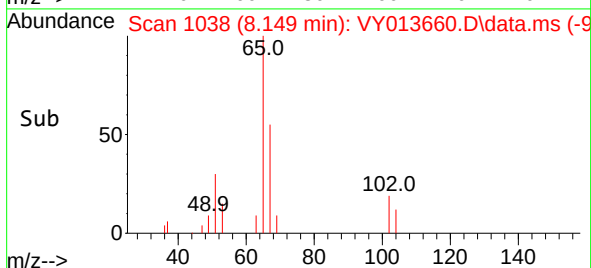
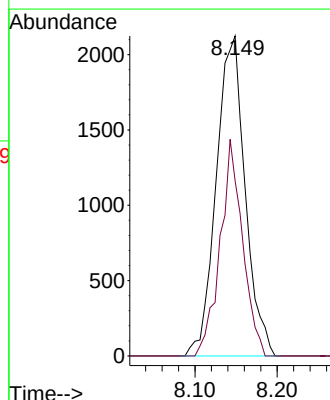
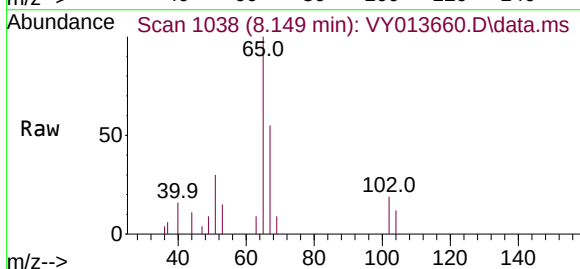
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-050823

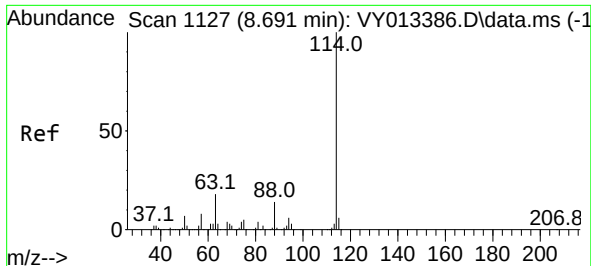
Tgt Ion:168 Resp: 7591
Ion Ratio Lower Upper
168 100
99 51.0 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 62.369 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY013660.D
Acq: 09 May 2023 12:04

Tgt Ion: 65 Resp: 5190
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013660.D

Acq: 09 May 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-050823

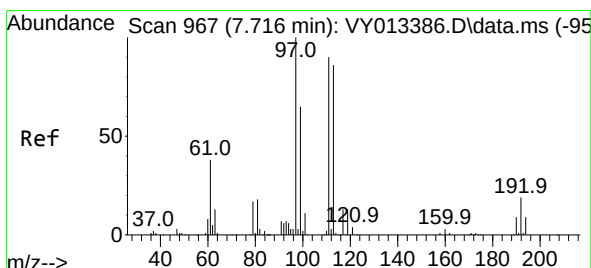
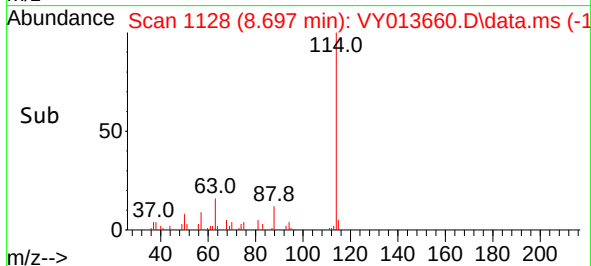
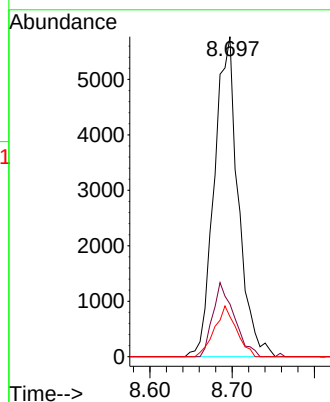
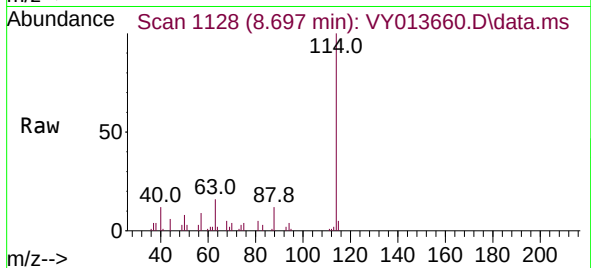
Tgt Ion:114 Resp: 11662

Ion Ratio Lower Upper

114 100

63 16.5 0.0 36.6

88 12.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 63.028 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013660.D

Acq: 09 May 2023 12:04

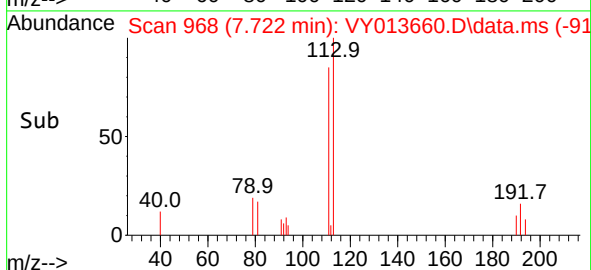
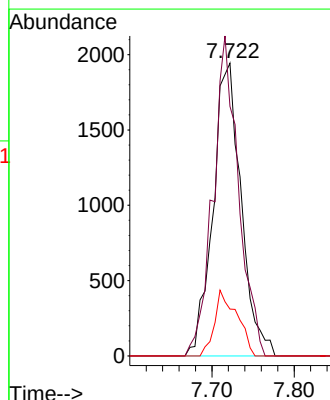
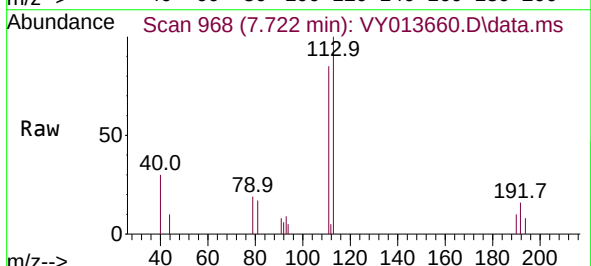
Tgt Ion:113 Resp: 4623

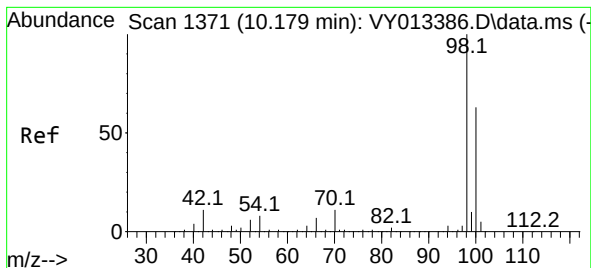
Ion Ratio Lower Upper

113 100

111 98.9 82.2 123.2

192 17.9 16.7 25.1





#50

Toluene-d8

Concen: 51.964 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013660.D

Acq: 09 May 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

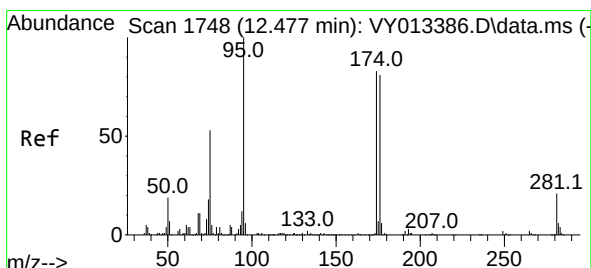
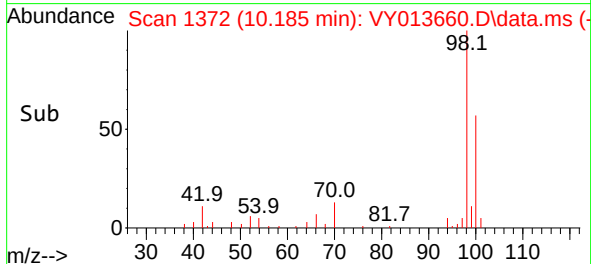
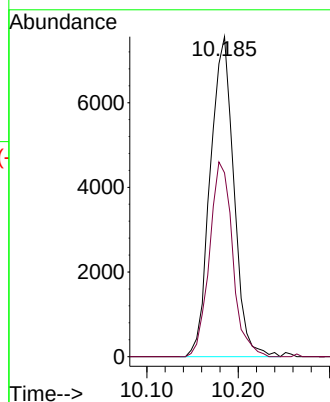
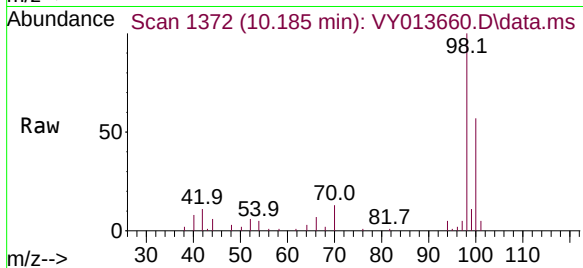
BU-02-050823

Tgt Ion: 98 Resp: 13559

Ion Ratio Lower Upper

98 100

100 60.0 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 38.526 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013660.D

Acq: 09 May 2023 12:04

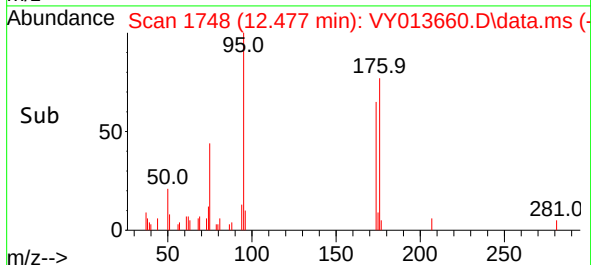
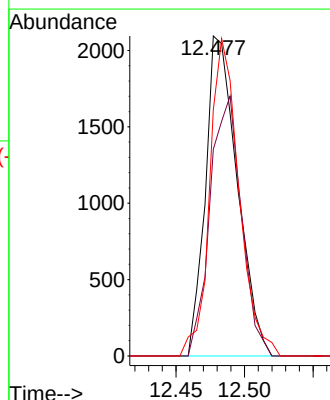
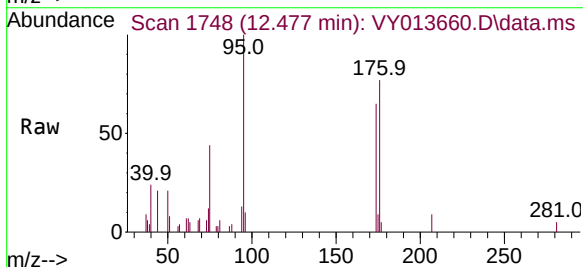
Tgt Ion: 95 Resp: 3389

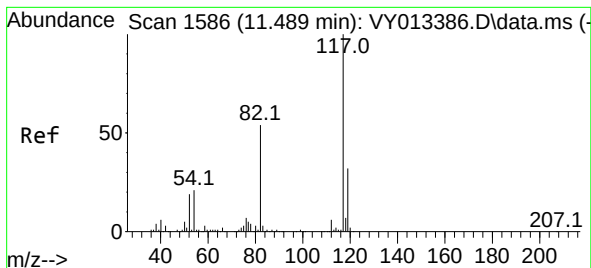
Ion Ratio Lower Upper

95 100

174 79.8 0.0 182.0

176 90.8 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY013660.D

Acq: 09 May 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-050823

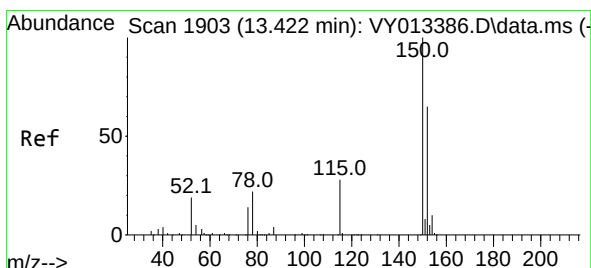
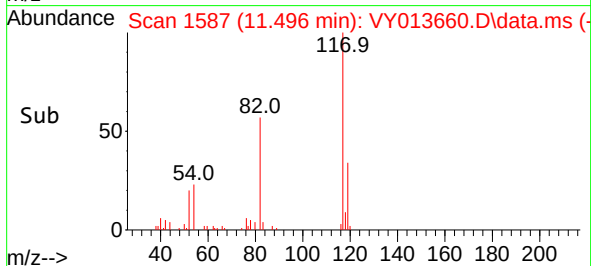
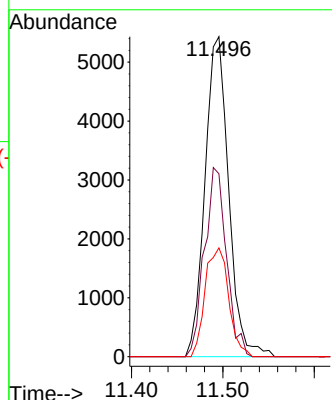
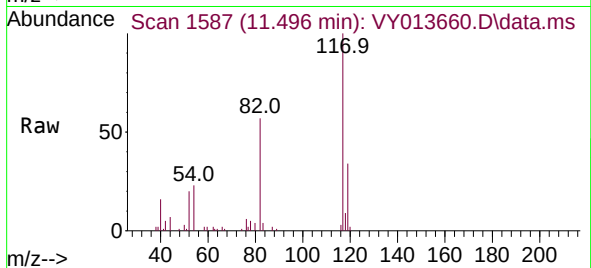
Tgt Ion:117 Resp: 9772

Ion Ratio Lower Upper

117 100

82 57.2 43.0 64.6

119 34.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY013660.D

Acq: 09 May 2023 12:04

Tgt Ion:152 Resp: 2937

Ion Ratio Lower Upper

152 100

115 59.9 28.1 84.2

150 174.4 0.0 352.0

