

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011364.D
 Acq On : 08 Nov 2022 16:03
 Operator : KP/MD
 Sample : N5415-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-15

Quant Time: Nov 08 17:02:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	235693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	396809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	358575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127639	50.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.280%
35) Dibromofluoromethane	7.716	113	137683	54.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.000%
50) Toluene-d8	10.179	98	453946	45.860	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.477	95	157545	45.846	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.700%

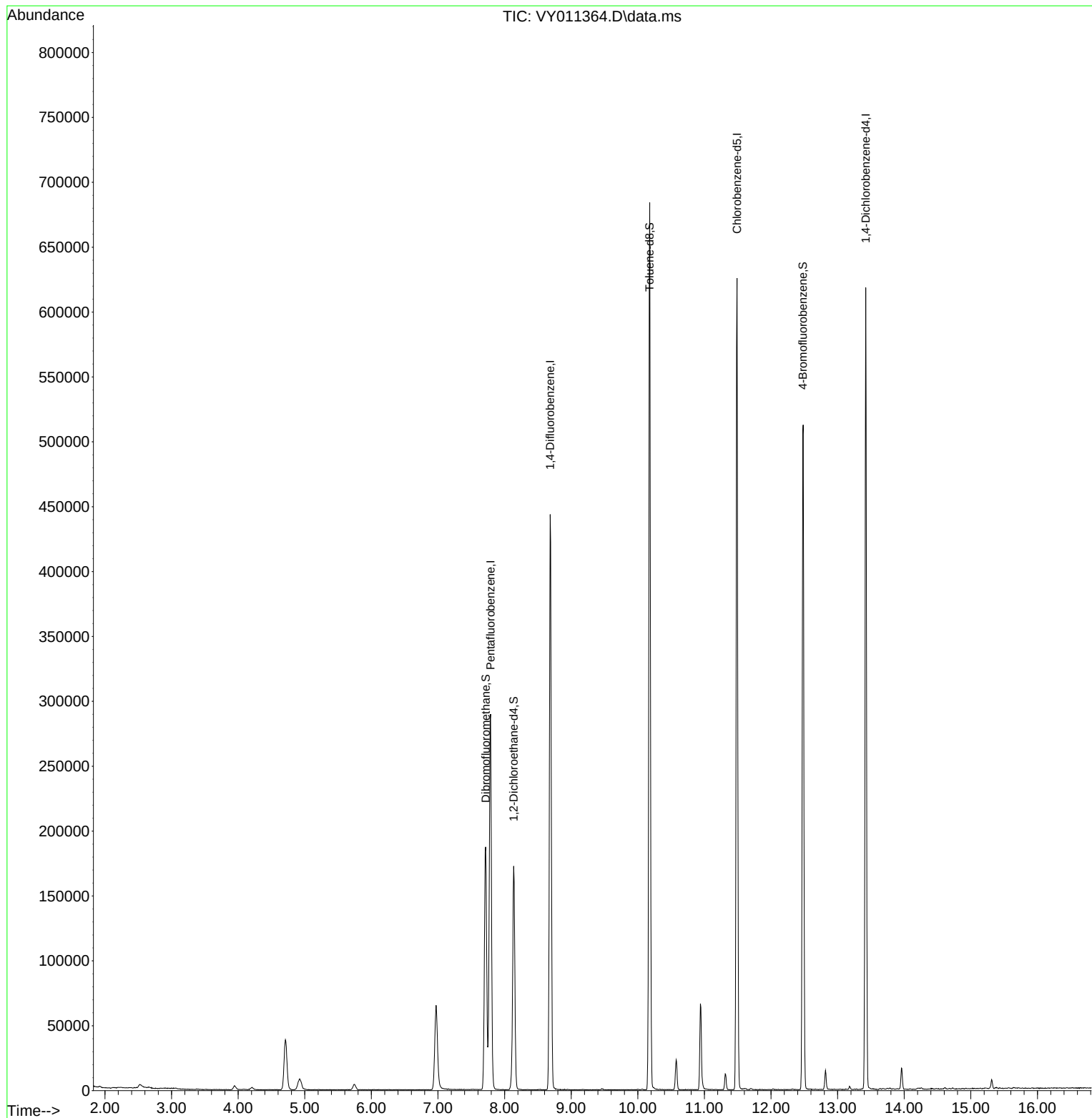
Target Compounds	Qvalue

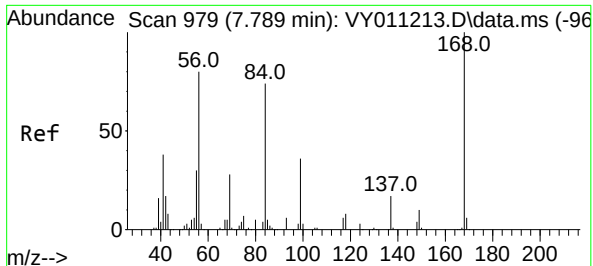
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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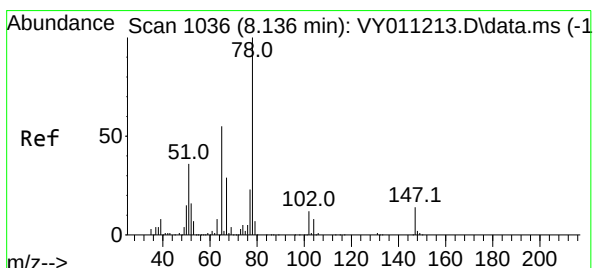
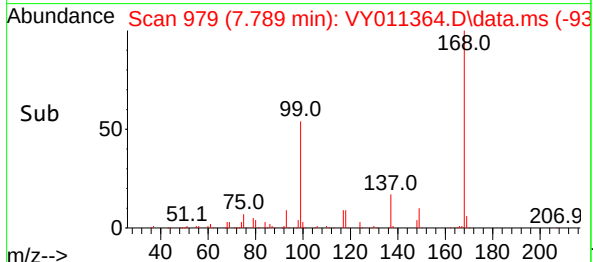
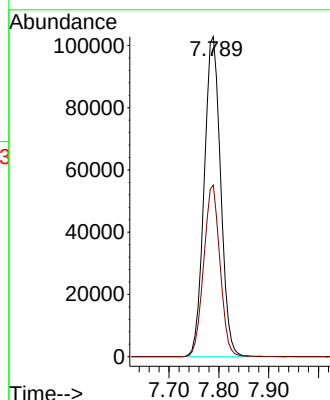
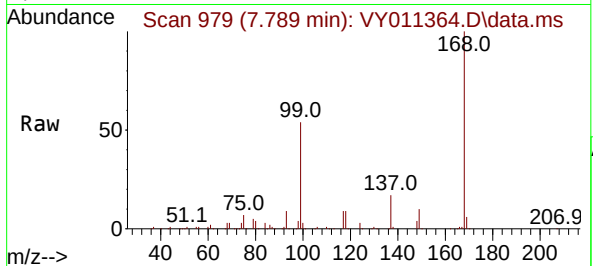




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

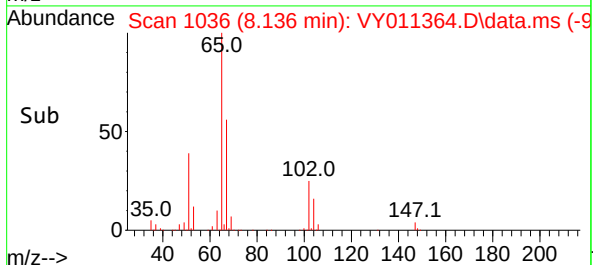
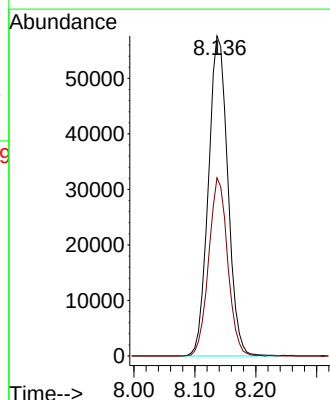
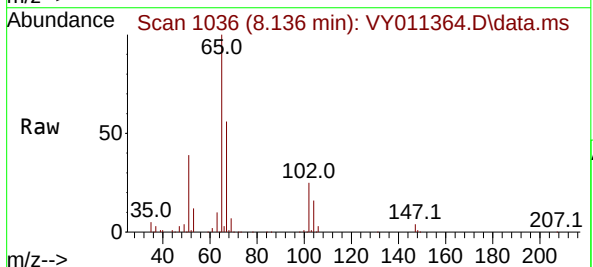
Instrument :
MSVOA_Y
ClientSampleId :
R-15

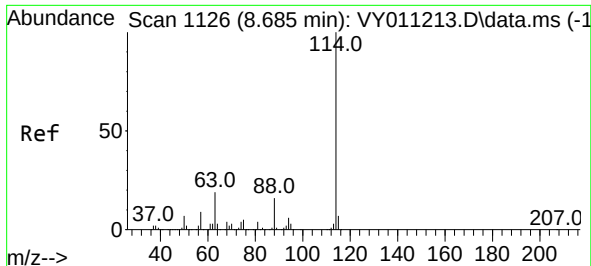
Tgt Ion:168 Resp: 235693
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.635 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

Tgt Ion: 65 Resp: 127639
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011364.D

Acq: 08 Nov 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

R-15

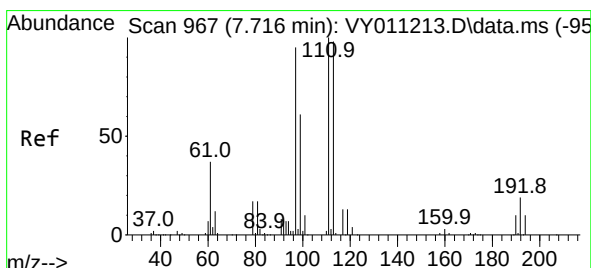
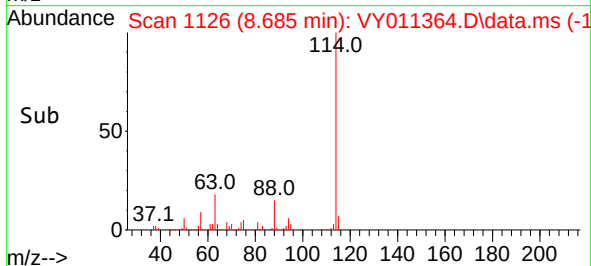
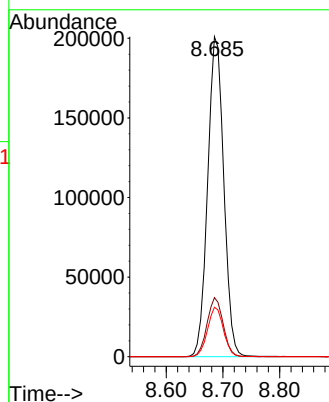
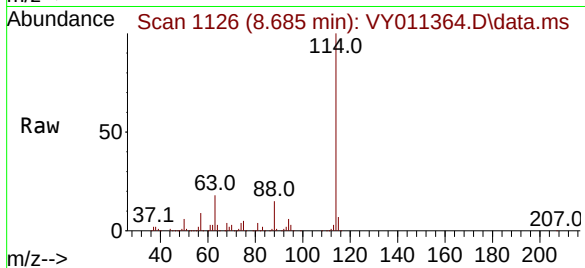
Tgt Ion:114 Resp: 396809

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.004 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011364.D

Acq: 08 Nov 2022 16:03

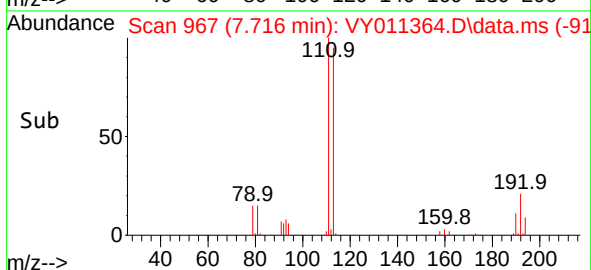
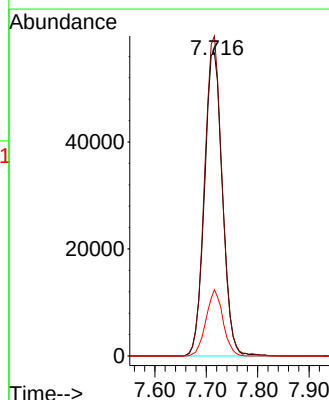
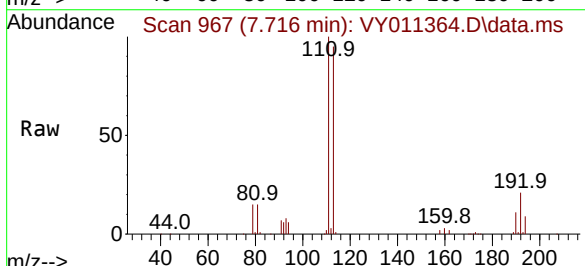
Tgt Ion:113 Resp: 137683

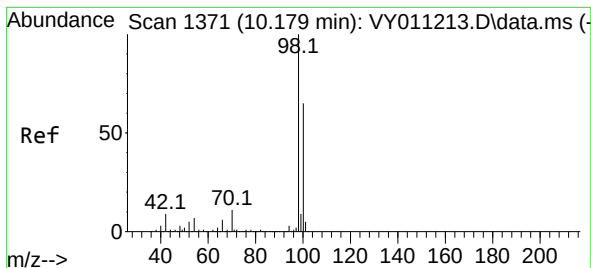
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 20.6 17.6 26.4





#50

Toluene-d8

Concen: 45.860 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011364.D

Acq: 08 Nov 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

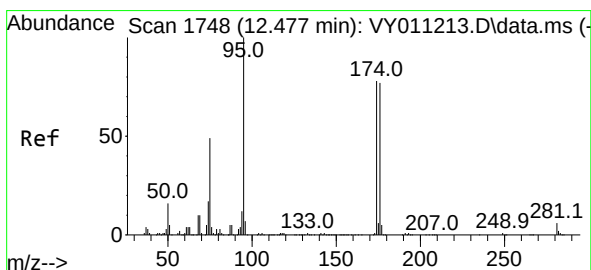
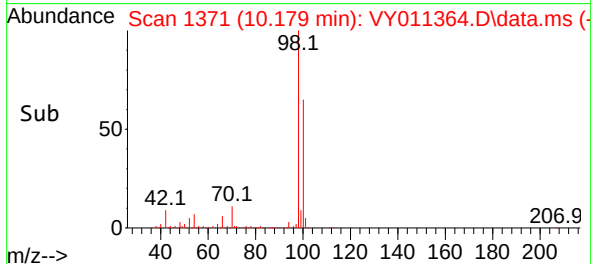
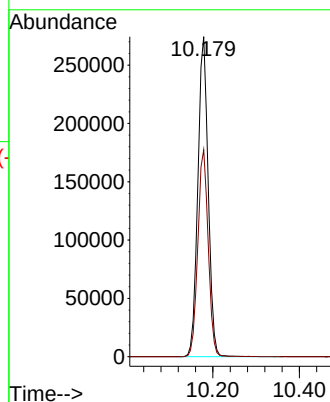
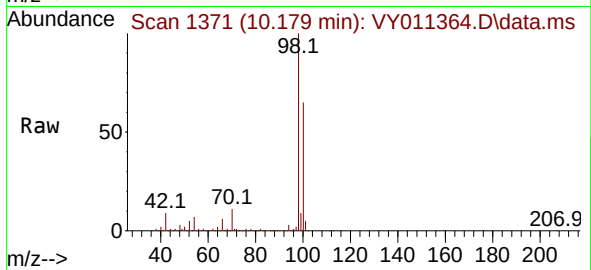
R-15

Tgt Ion: 98 Resp: 453946

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 45.846 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011364.D

Acq: 08 Nov 2022 16:03

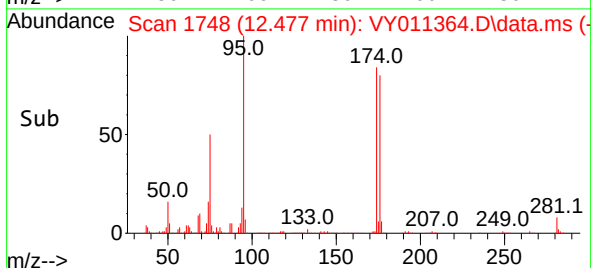
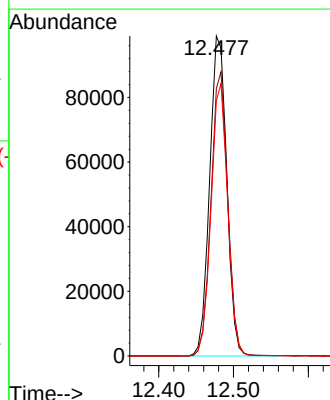
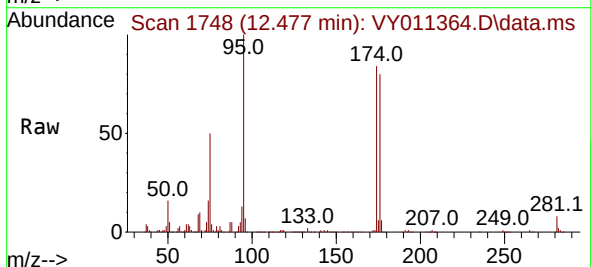
Tgt Ion: 95 Resp: 157545

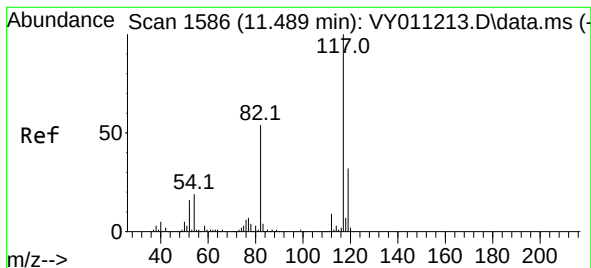
Ion Ratio Lower Upper

95 100

174 87.0 0.0 177.0

176 82.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011364.D

Acq: 08 Nov 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

R-15

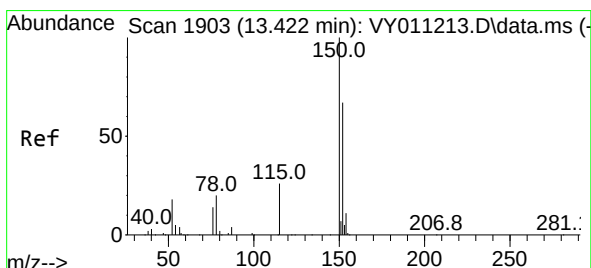
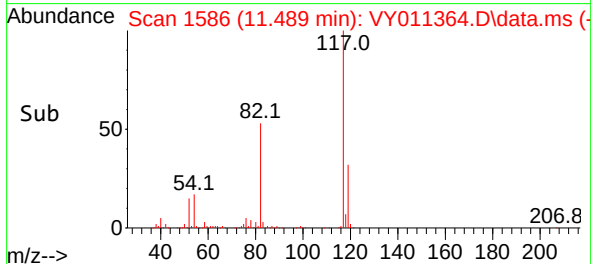
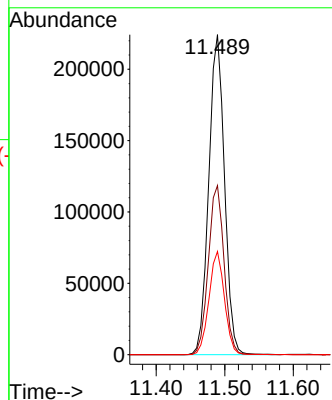
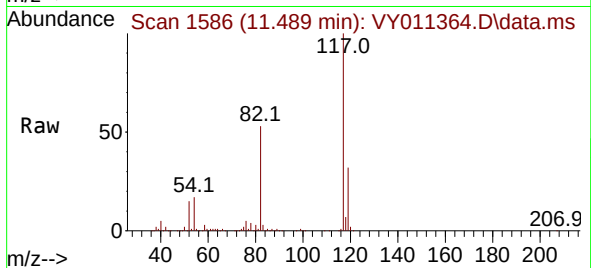
Tgt Ion:117 Resp: 358575

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY011364.D

Acq: 08 Nov 2022 16:03

Tgt Ion:152 Resp: 162364

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 156.9 0.0 347.6

