

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011461.D
 Acq On : 15 Nov 2022 16:22
 Operator : KP/MD
 Sample : N5617-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12013

Quant Time: Nov 16 00:21:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	334260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	567683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	472424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185567	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	172525	61.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.180%
35) Dibromofluoromethane	7.722	113	186121	58.502	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.000%
50) Toluene-d8	10.179	98	644997	53.069	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.140%
62) 4-Bromofluorobenzene	12.483	95	196605	46.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.760%

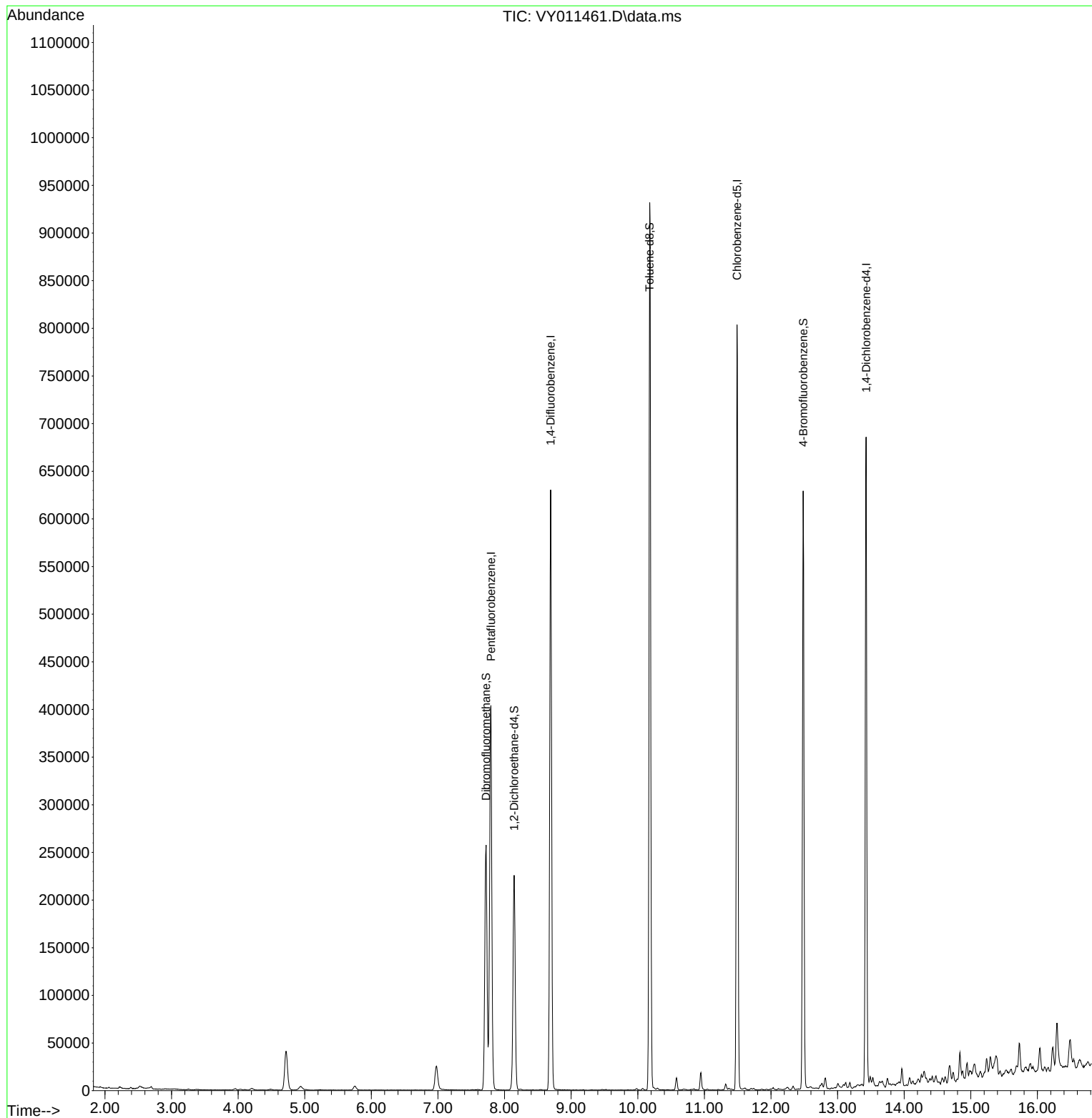
Target Compounds	Qvalue

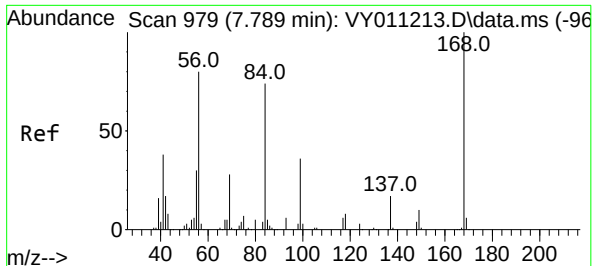
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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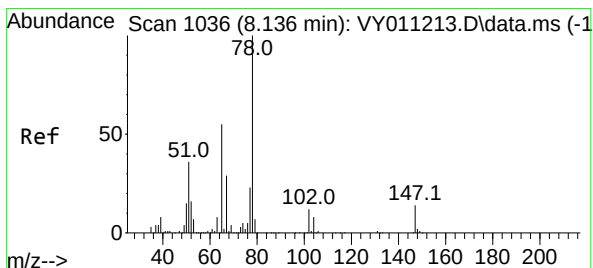
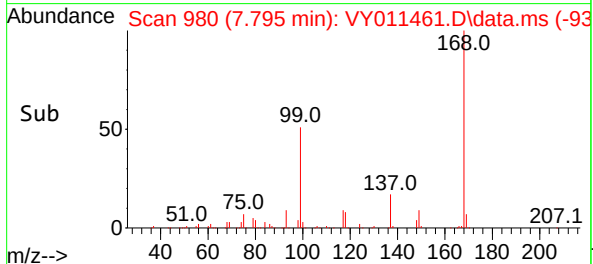
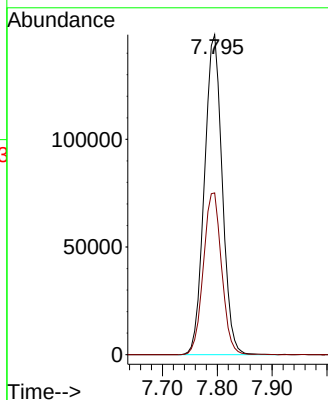
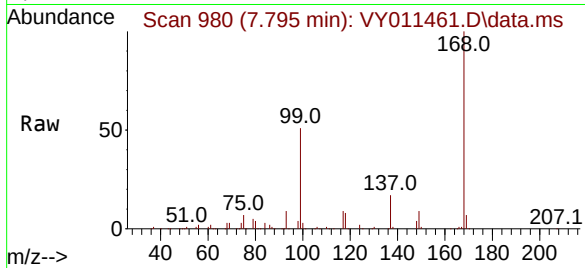




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011461.D
Acq: 15 Nov 2022 16:22

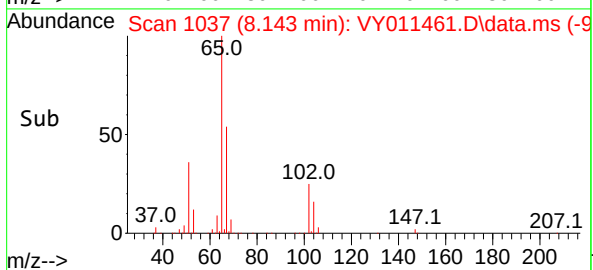
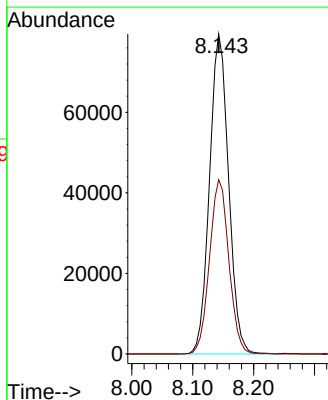
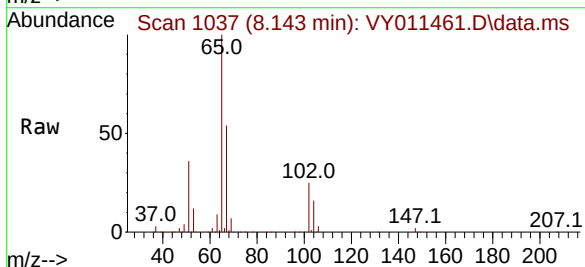
Instrument :
MSVOA_Y
ClientSampleId :
72-12013

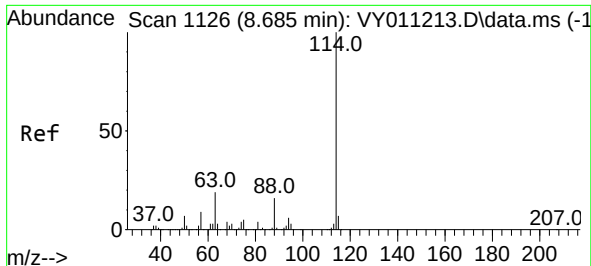
Tgt Ion:168 Resp: 334260
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.594 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011461.D
Acq: 15 Nov 2022 16:22

Tgt Ion: 65 Resp: 172525
Ion Ratio Lower Upper
65 100
67 55.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011461.D

Acq: 15 Nov 2022 16:22

Instrument :

MSVOA_Y

ClientSampleId :

72-12013

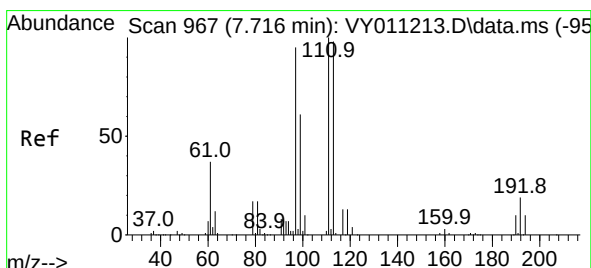
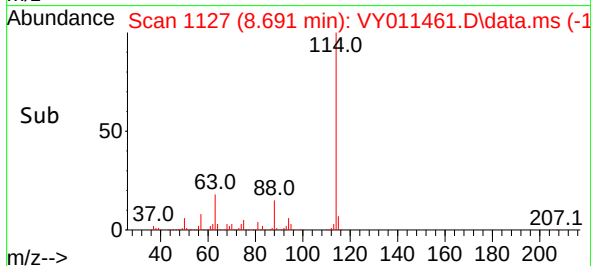
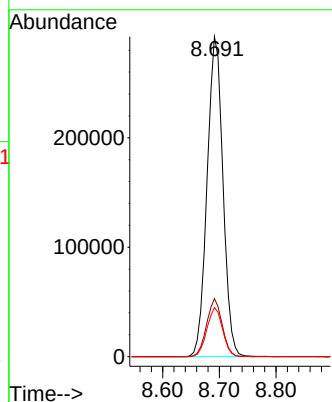
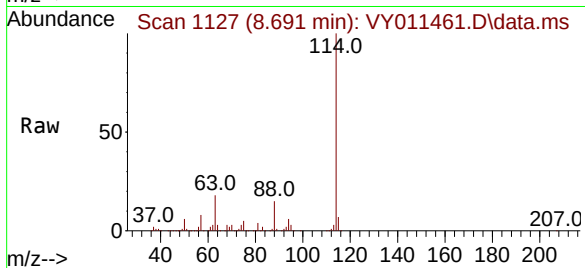
Tgt Ion:114 Resp: 567683

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.502 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY011461.D

Acq: 15 Nov 2022 16:22

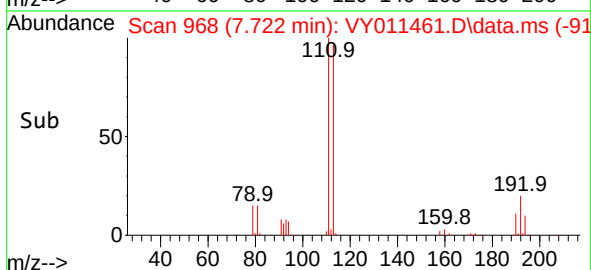
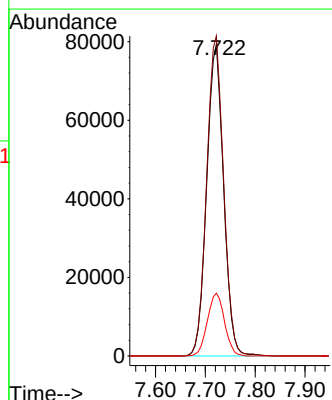
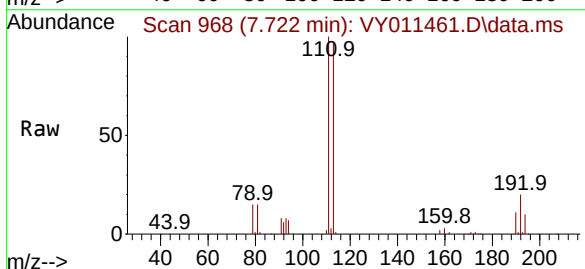
Tgt Ion:113 Resp: 186121

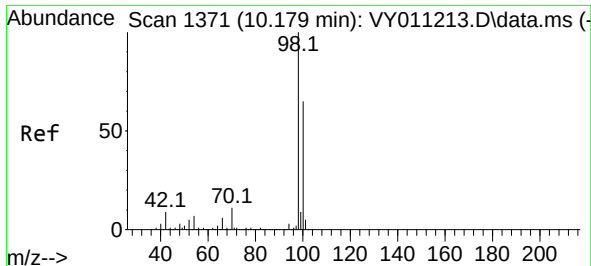
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 20.5 17.6 26.4

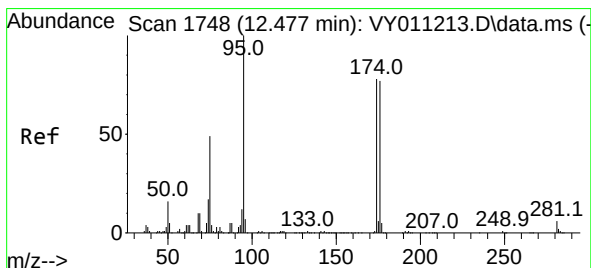
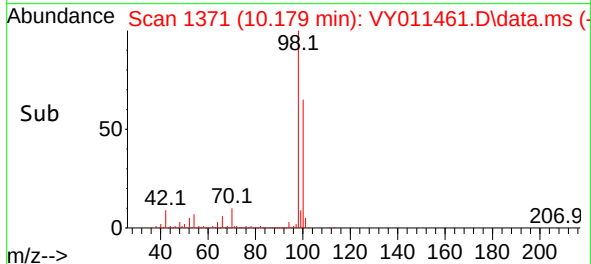
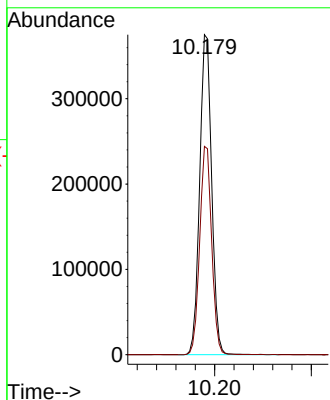
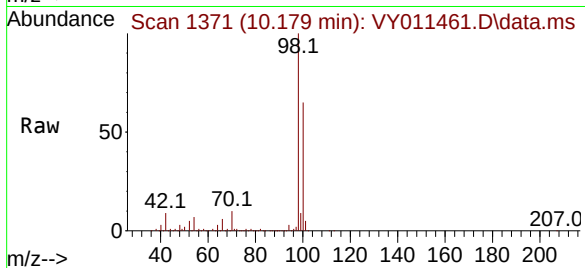




#50
Toluene-d8
Concen: 53.069 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011461.D
Acq: 15 Nov 2022 16:22

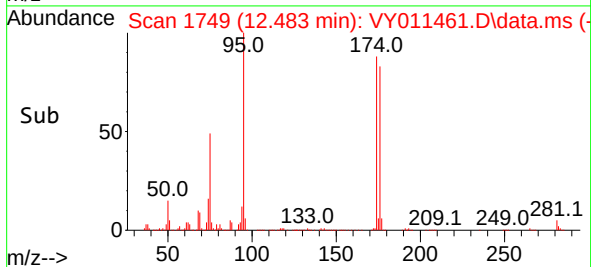
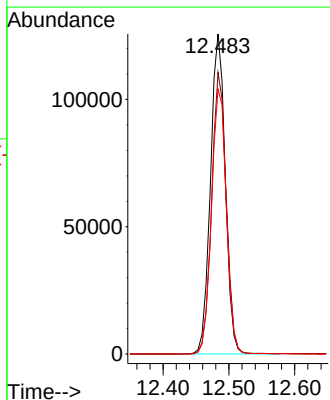
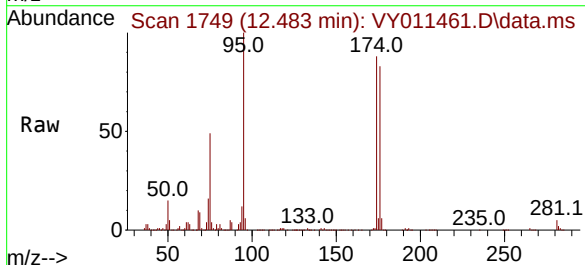
Instrument :
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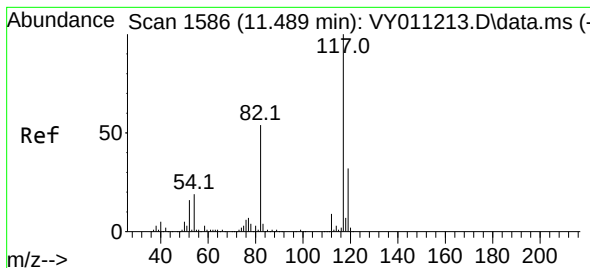
Tgt Ion: 98 Resp: 644997
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011461.D
Acq: 15 Nov 2022 16:22

Tgt Ion: 95 Resp: 196605
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 83.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011461.D

Acq: 15 Nov 2022 16:22

Instrument :

MSVOA_Y

ClientSampleId :

72-12013

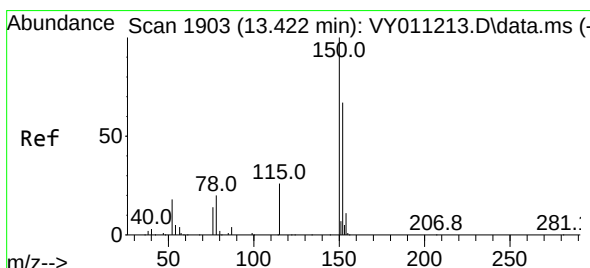
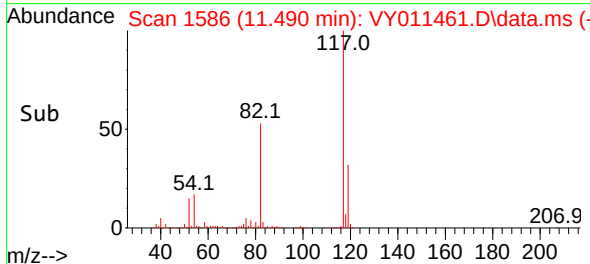
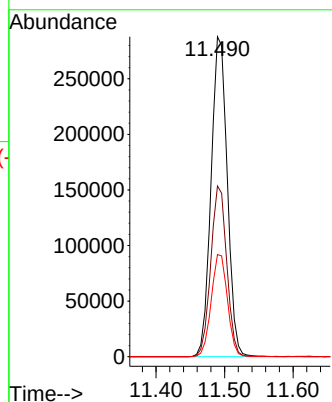
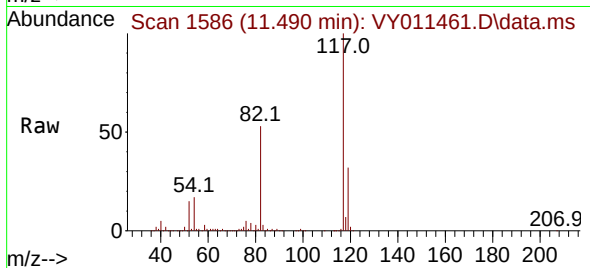
Tgt Ion:117 Resp: 472424

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011461.D

Acq: 15 Nov 2022 16:22

Tgt Ion:152 Resp: 185567

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 157.6 0.0 347.6

