

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030222\
 Data File : VY007686.D
 Acq On : 02 Mar 2022 12:25
 Operator : SY/MD
 Sample : N1722-07RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-9RE

Quant Time: Mar 03 00:33:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	177560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	320414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139872	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	112373	60.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.900%
35) Dibromofluoromethane	7.722	113	107311	52.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.760%
50) Toluene-d8	10.179	98	397469	52.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.420%
62) 4-Bromofluorobenzene	12.477	95	124676	51.292	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.580%

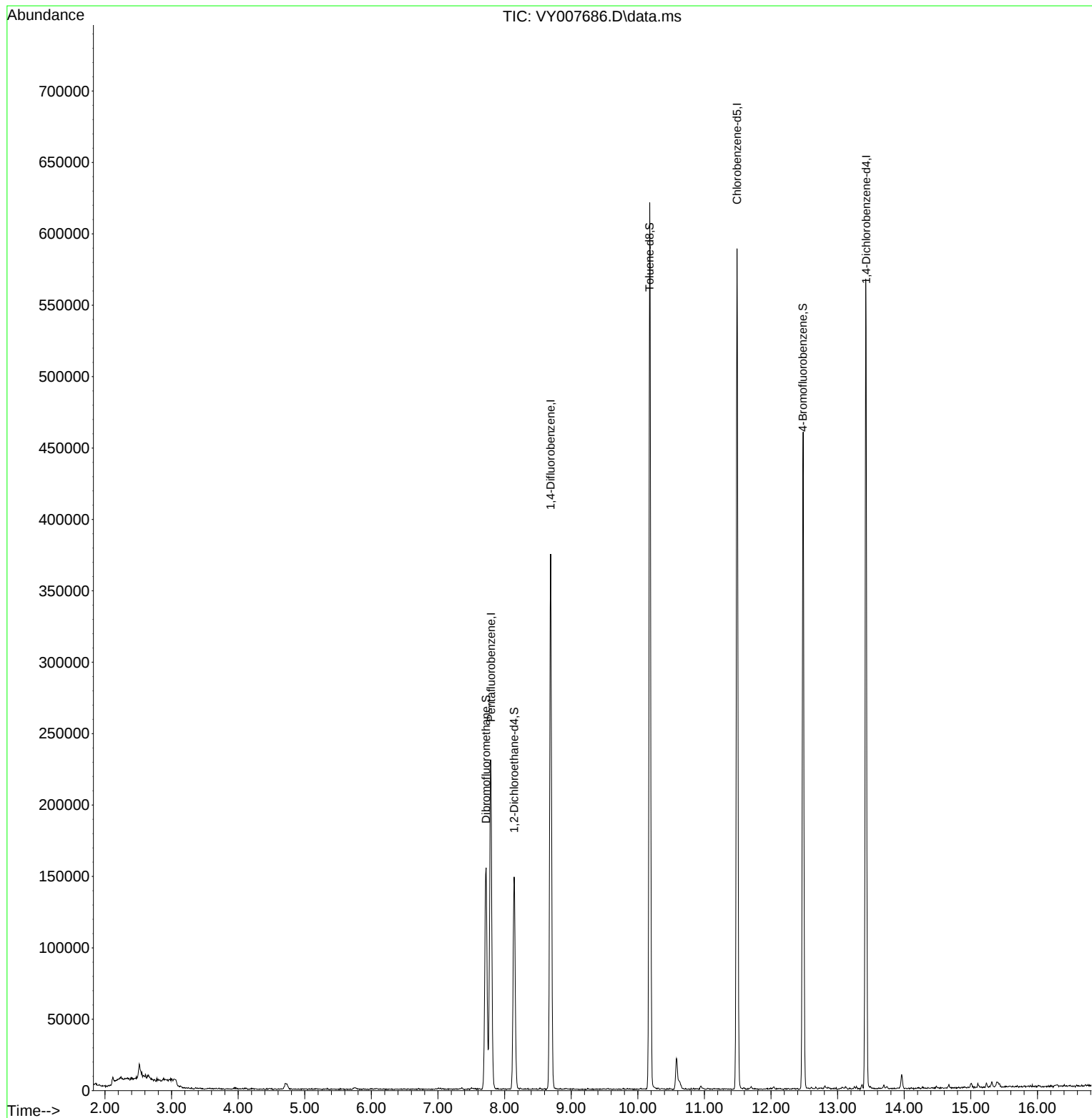
Target Compounds	Qvalue

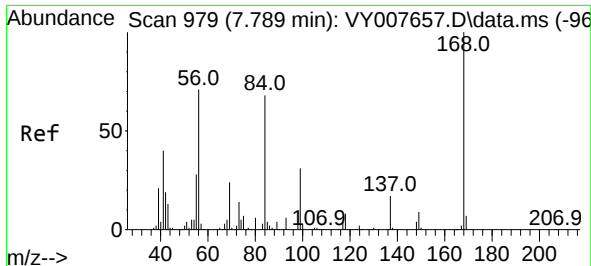
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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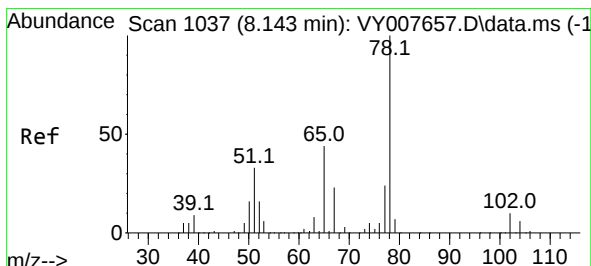
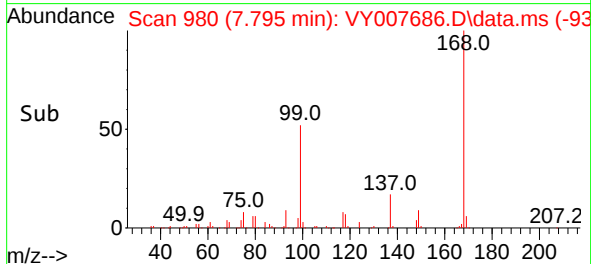
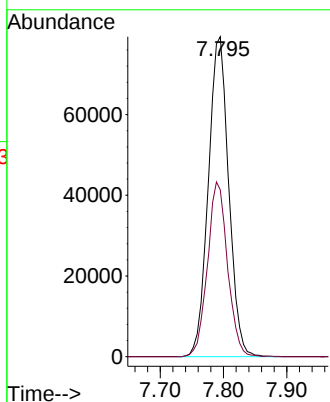
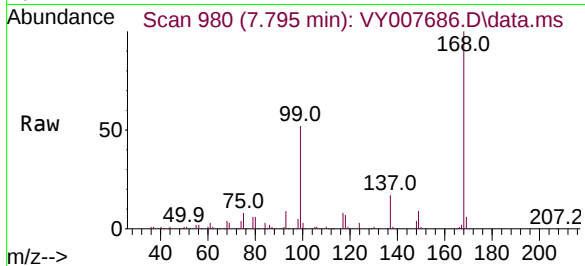




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

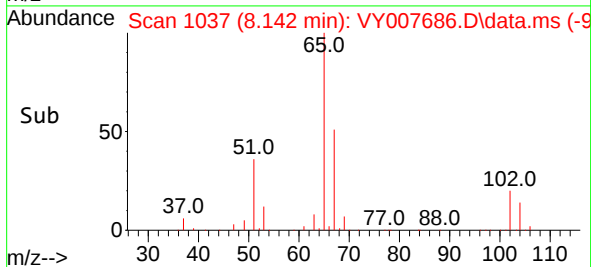
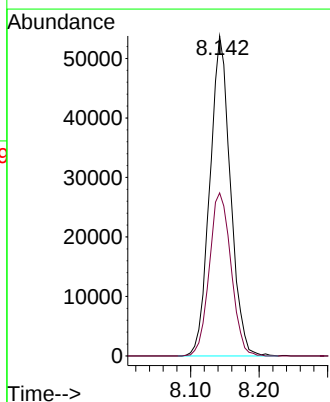
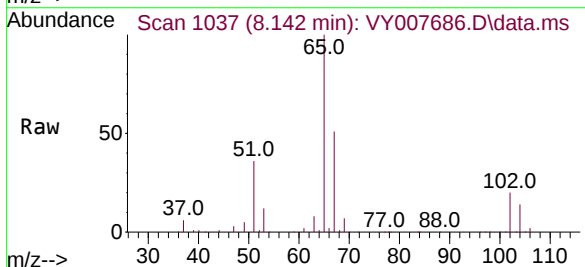
Instrument :
MSVOA_Y
ClientSampleId :
DUM-9RE

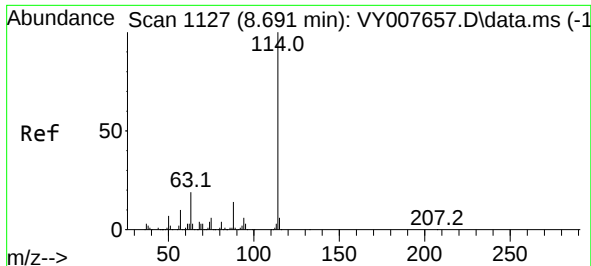
Tgt Ion:168 Resp: 177560
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.452 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

Tgt Ion: 65 Resp: 112373
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007686.D

Acq: 02 Mar 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

DUM-9RE

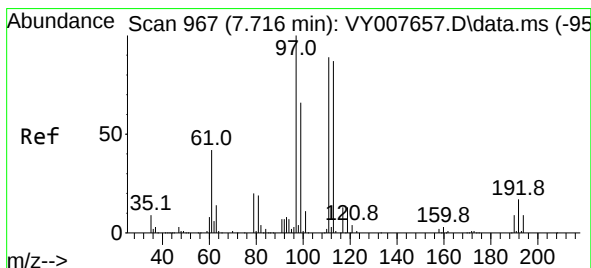
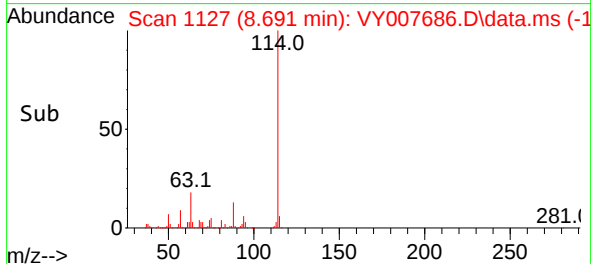
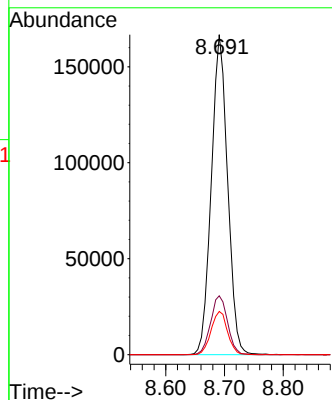
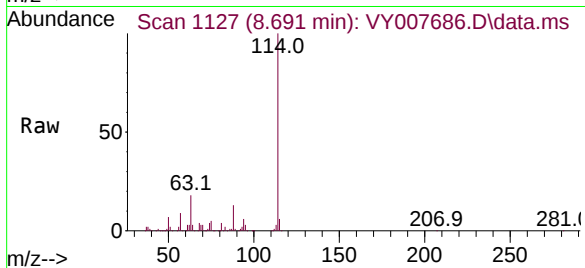
Tgt Ion:114 Resp: 320414

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.385 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007686.D

Acq: 02 Mar 2022 12:25

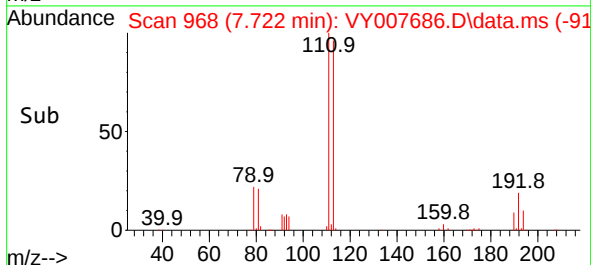
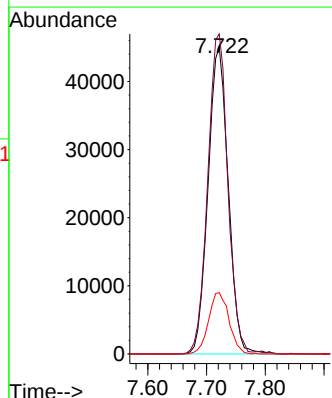
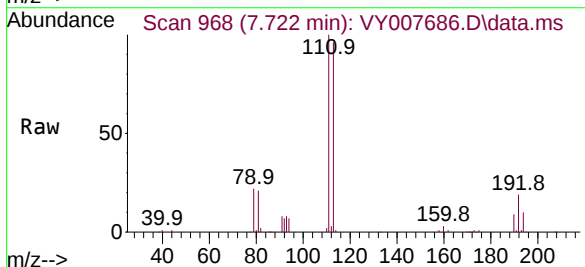
Tgt Ion:113 Resp: 107311

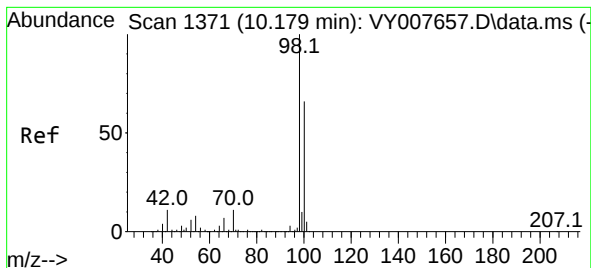
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 20.3 17.6 26.4

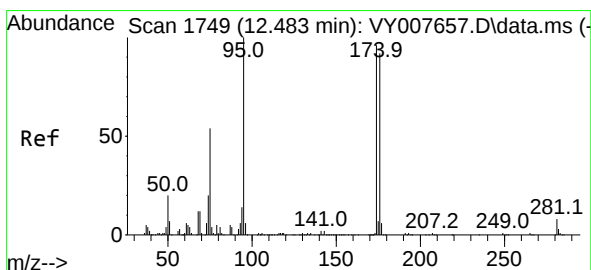
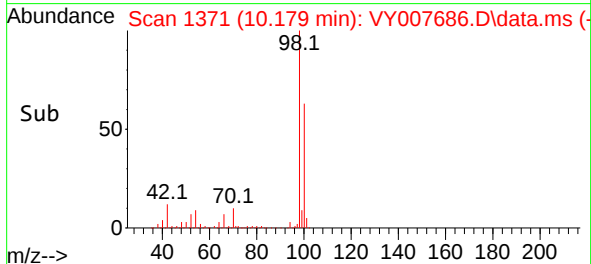
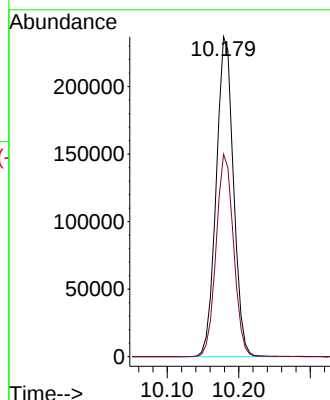
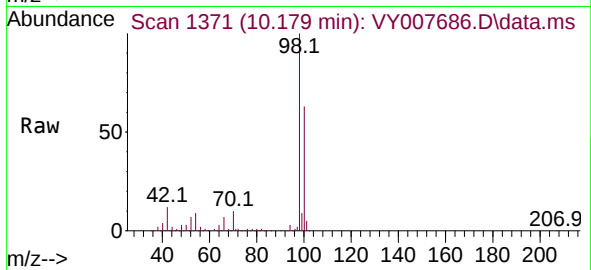




#50
Toluene-d8
Concen: 52.710 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

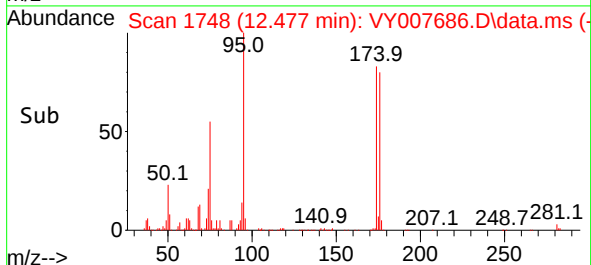
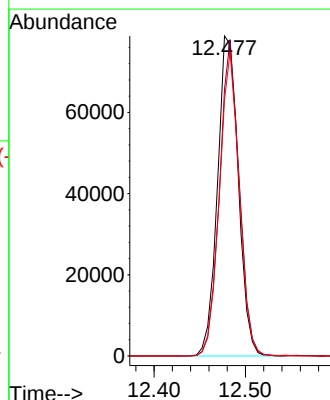
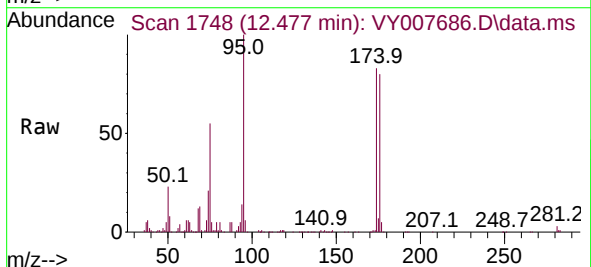
Instrument :
MSVOA_Y
ClientSampleId :
DUM-9RE

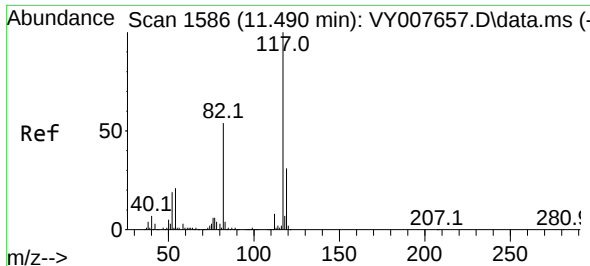
Tgt Ion: 98 Resp: 397469
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.292 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007686.D
Acq: 02 Mar 2022 12:25

Tgt Ion: 95 Resp: 124676
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 90.5 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: VY007686.D

Acq: 02 Mar 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

DUM-9RE

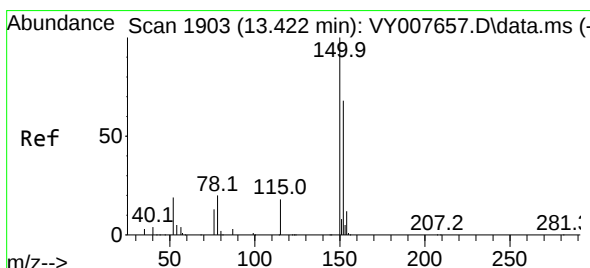
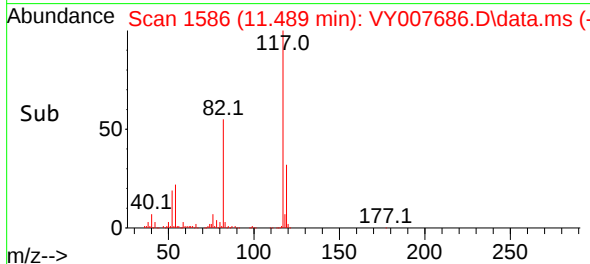
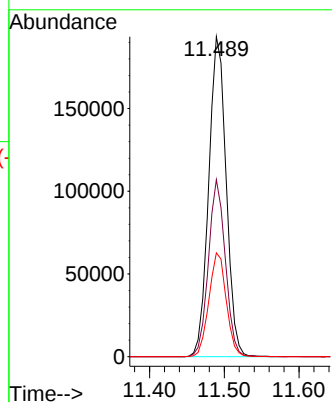
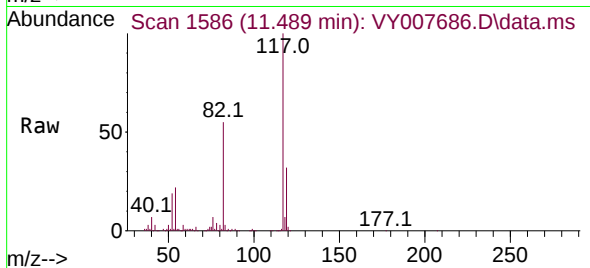
Tgt Ion:117 Resp: 313616

Ion Ratio Lower Upper

117 100

82 55.3 43.0 64.4

119 32.5 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: VY007686.D

Acq: 02 Mar 2022 12:25

Tgt Ion:152 Resp: 139872

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 157.8 0.0 347.6

