

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007531.D
 Acq On : 17 Feb 2022 18:35
 Operator : SY/MD
 Sample : N1580-06
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-6

Quant Time: Feb 18 07:42:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	81935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68562	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48002	53.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.120%
35) Dibromofluoromethane	7.716	113	48851	53.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.020%
50) Toluene-d8	10.179	98	182691	52.194	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.477	95	68853	58.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.020%

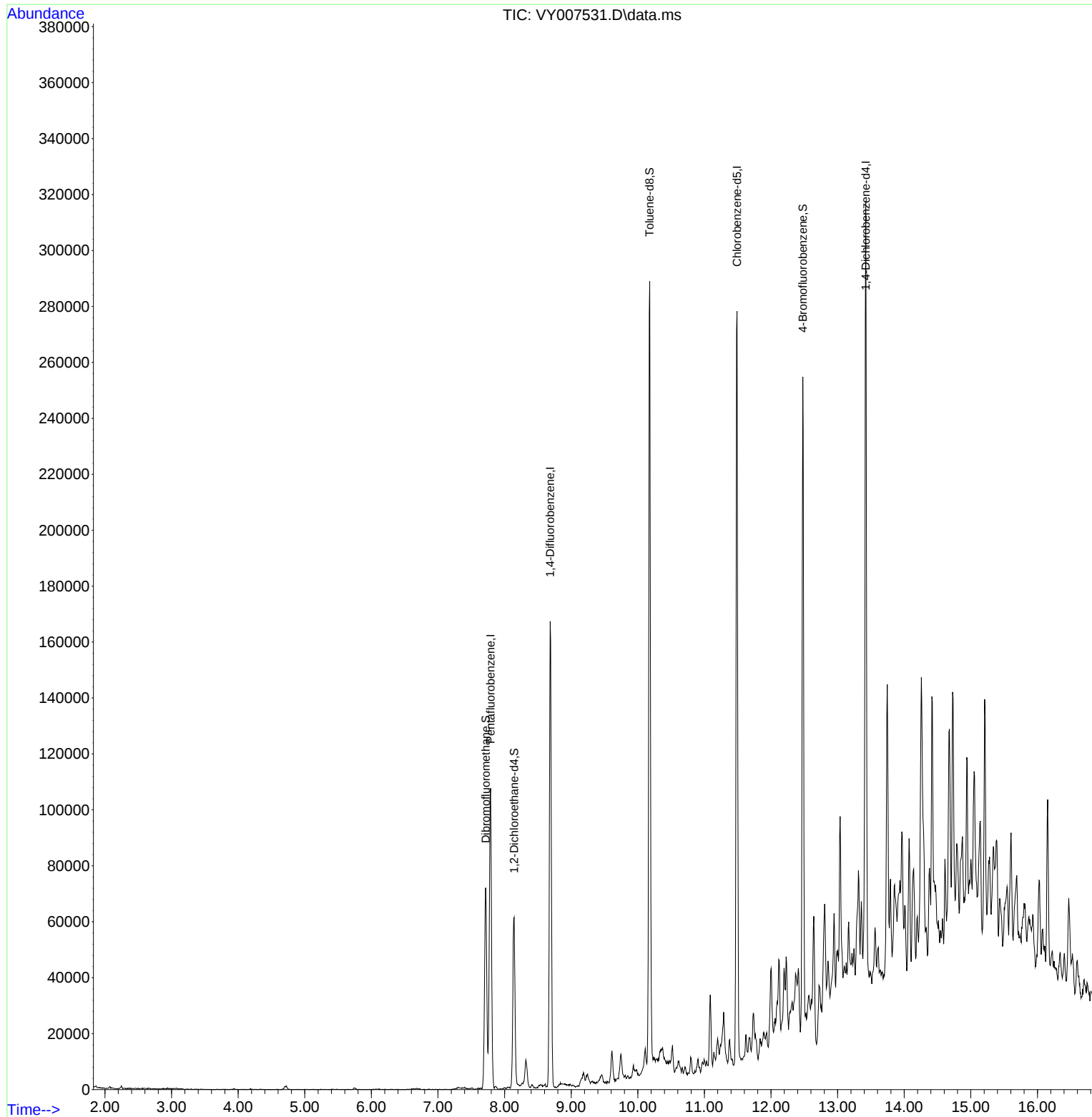
Target Compounds	Qvalue

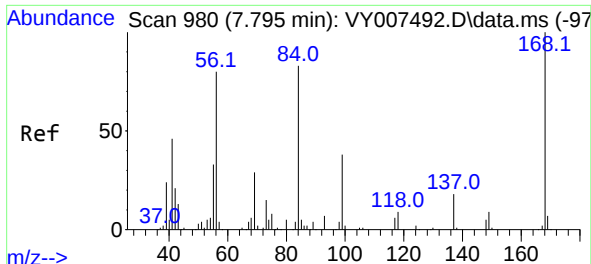
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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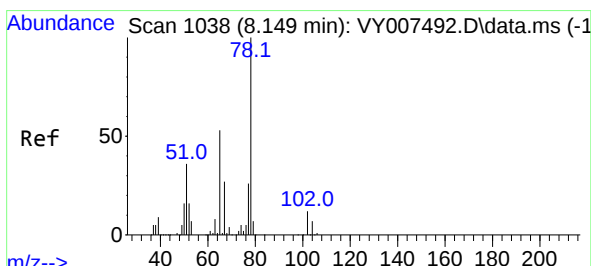
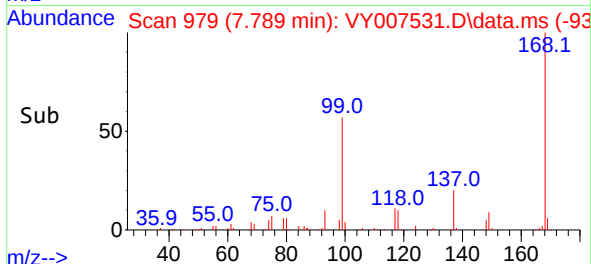
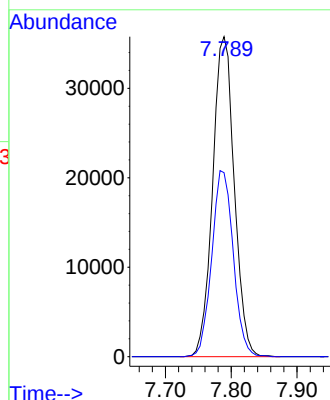
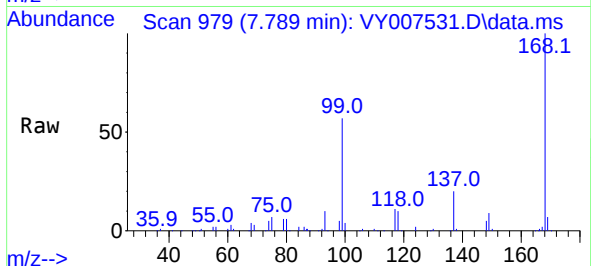




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007531.D
Acq: 17 Feb 2022 18:35

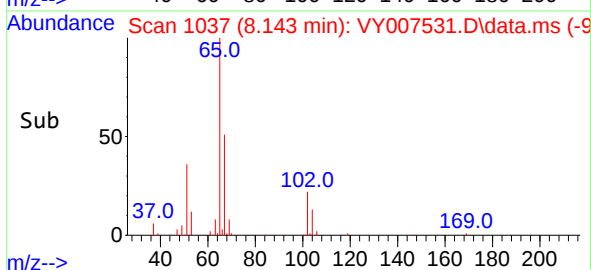
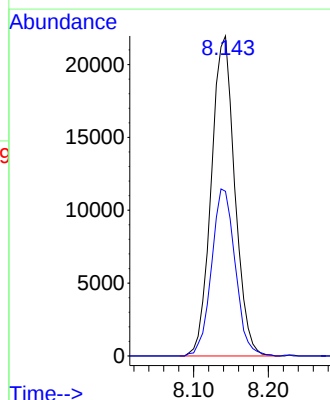
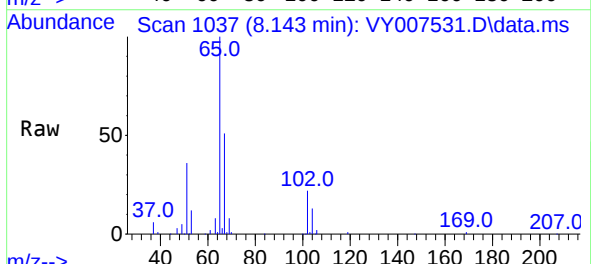
Instrument :
MSVOA_Y
ClientSampleId :
D-6

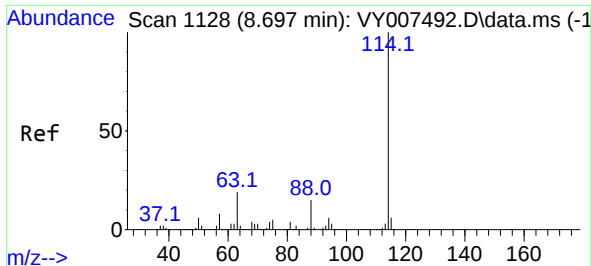
Tgt Ion:168 Resp: 81935
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.064 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007531.D
Acq: 17 Feb 2022 18:35

Tgt Ion: 65 Resp: 48002
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007531.D

Acq: 17 Feb 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

D-6

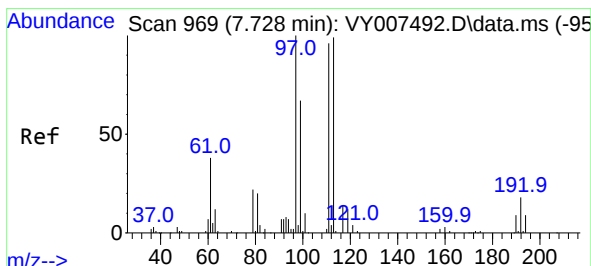
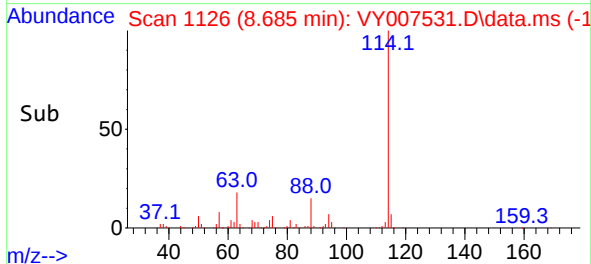
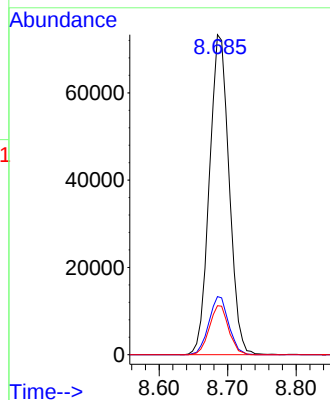
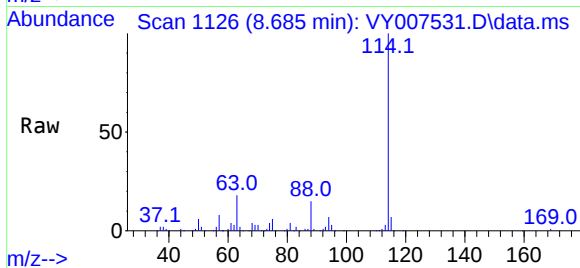
Tgt Ion:114 Resp: 146135

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.008 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007531.D

Acq: 17 Feb 2022 18:35

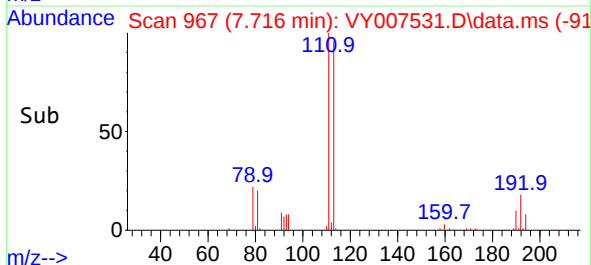
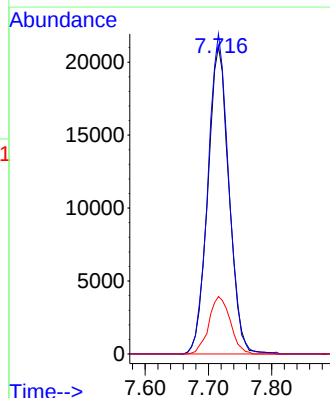
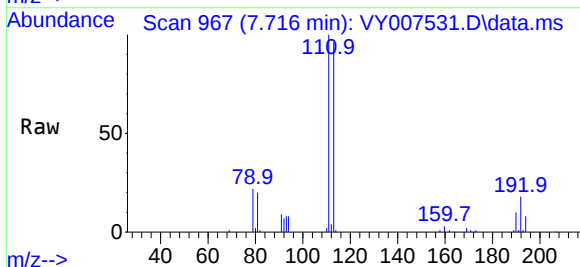
Tgt Ion:113 Resp: 48851

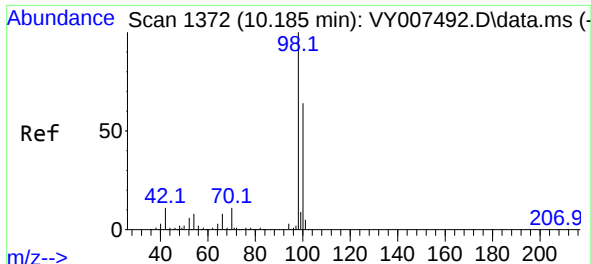
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.9 17.6 26.4

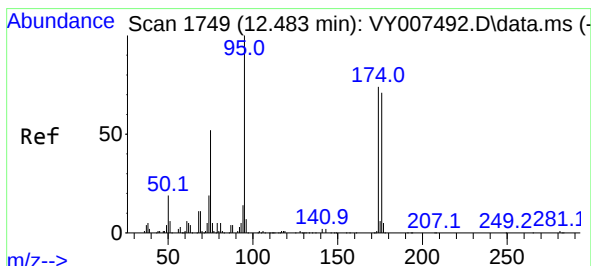
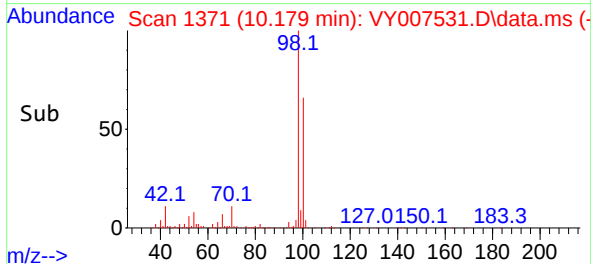
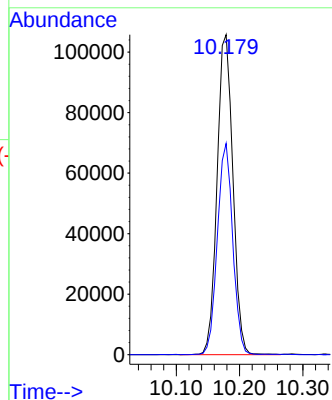
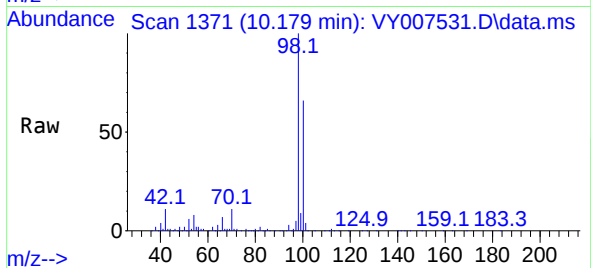




#50
Toluene-d8
Concen: 52.194 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007531.D
Acq: 17 Feb 2022 18:35

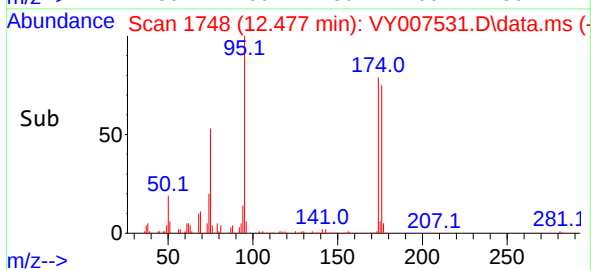
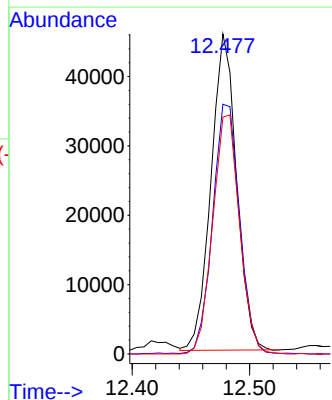
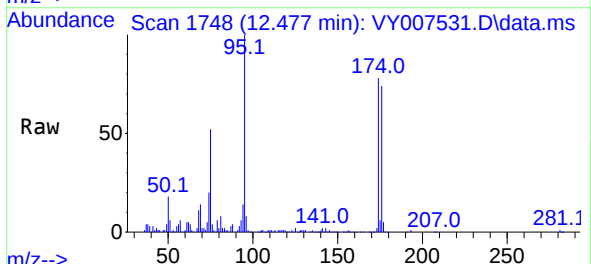
Instrument :
MSVOA_Y
ClientSampleId :
D-6

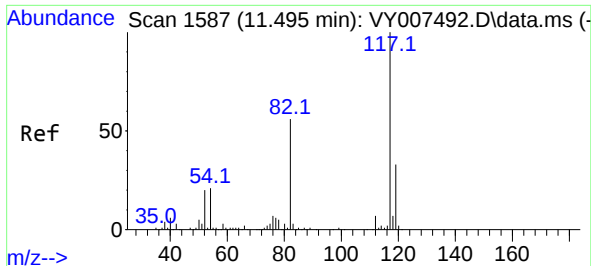
Tgt Ion: 98 Resp: 182691
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 58.014 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007531.D
Acq: 17 Feb 2022 18:35

Tgt Ion: 95 Resp: 68853
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 79.5 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: VY007531.D

Acq: 17 Feb 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

D-6

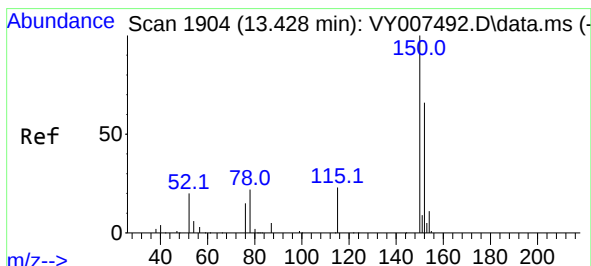
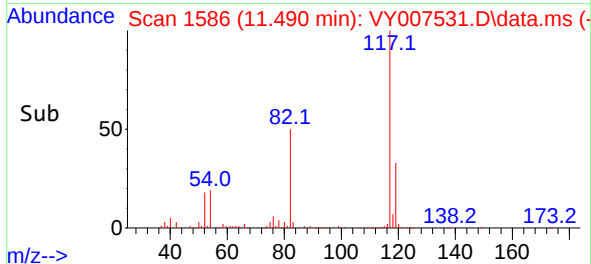
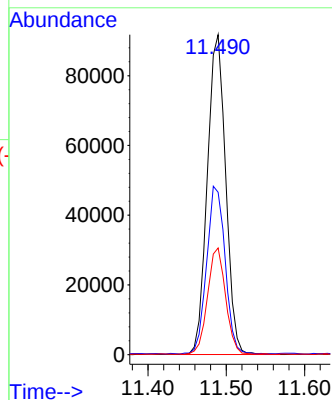
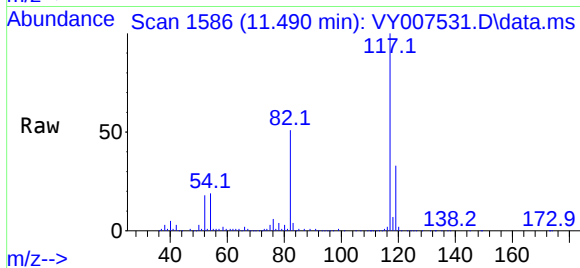
Tgt Ion:117 Resp: 149424

Ion Ratio Lower Upper

117 100

82 50.6 43.0 64.4

119 33.2 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: VY007531.D

Acq: 17 Feb 2022 18:35

Tgt Ion:152 Resp: 68562

Ion Ratio Lower Upper

152 100

115 60.1 28.2 84.7

150 156.6 0.0 347.6

