

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010598.D
 Acq On : 21 Sep 2022 14:57
 Operator : KP/MD
 Sample : N4640-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-240

Quant Time: Sep 21 15:36:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	160566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	299241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82377	53.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.280%
35) Dibromofluoromethane	7.716	113	76627	40.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.240%
50) Toluene-d8	10.179	98	292440	41.969	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.940%
62) 4-Bromofluorobenzene	12.483	95	96553	36.110	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.220%

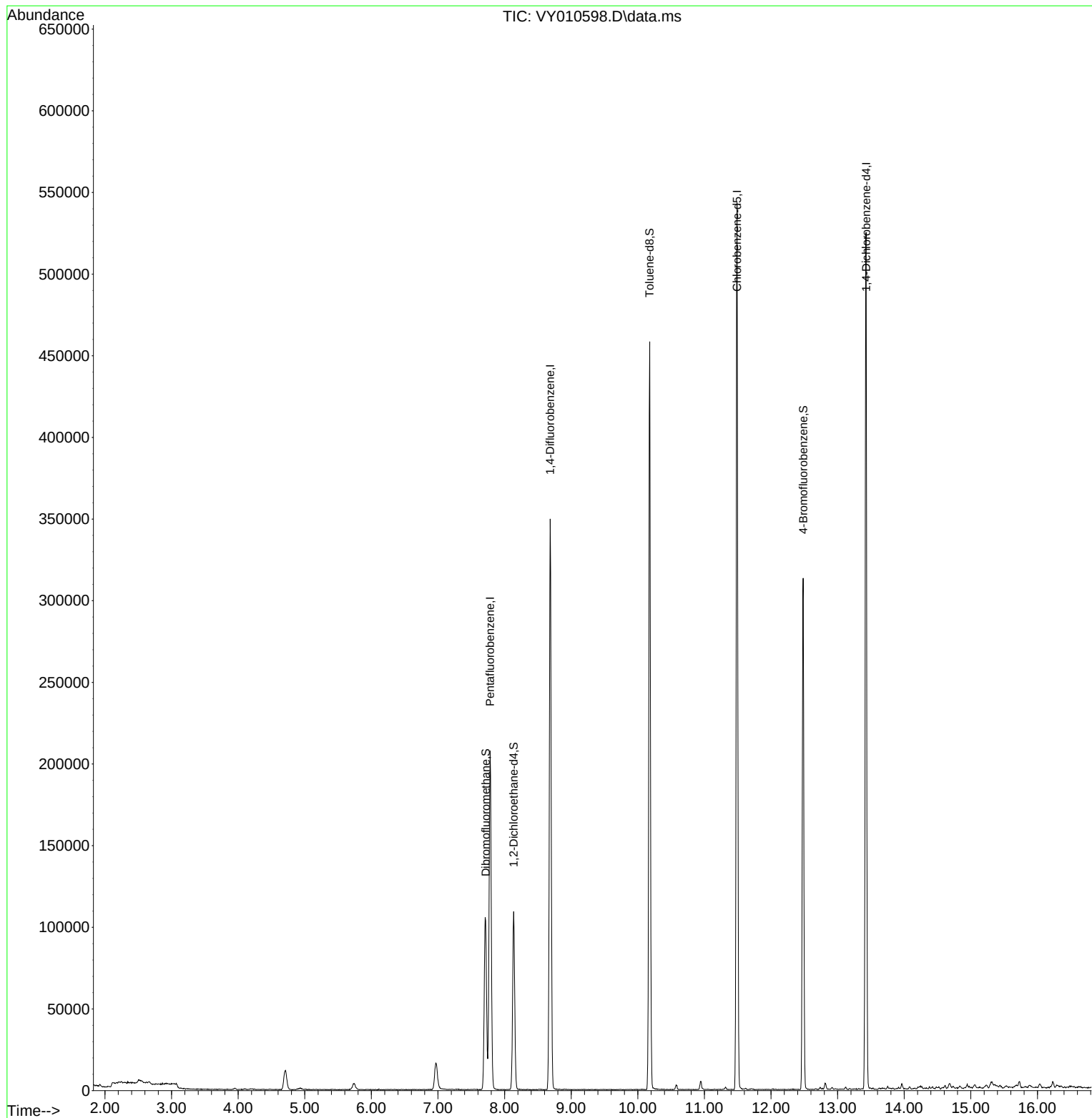
Target Compounds	Qvalue

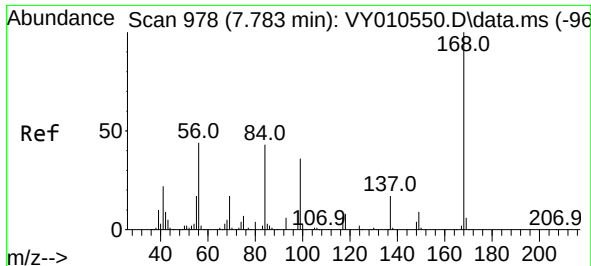
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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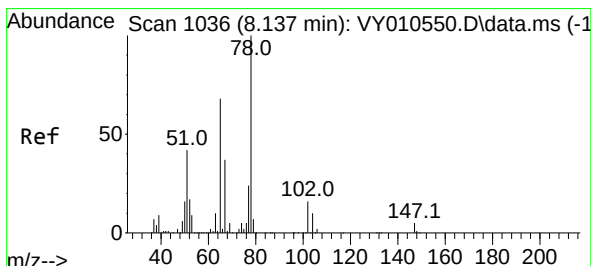
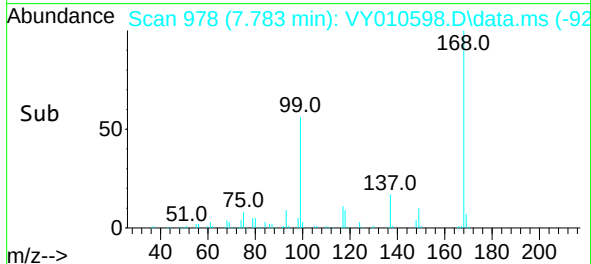
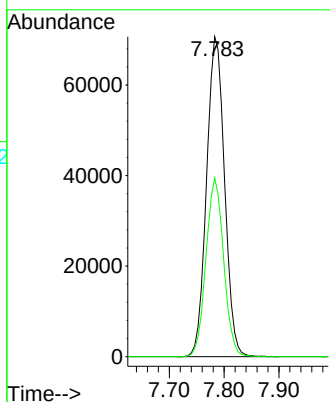
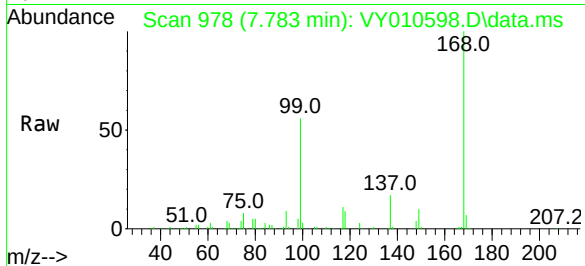




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

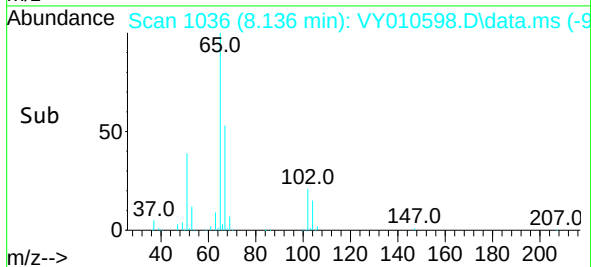
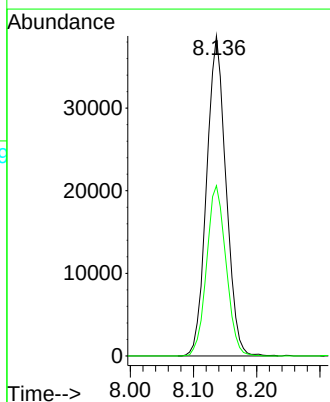
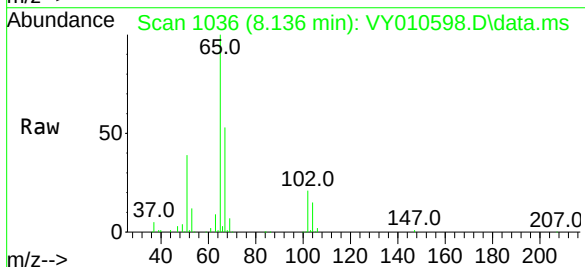
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

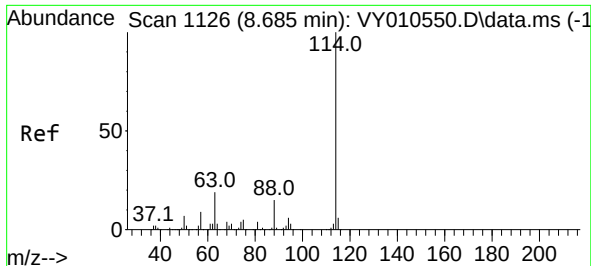
Tgt Ion:168 Resp: 160566
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.639 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Tgt Ion: 65 Resp: 82377
Ion Ratio Lower Upper
65 100
67 53.3 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: VY010598.D

Acq: 21 Sep 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-240

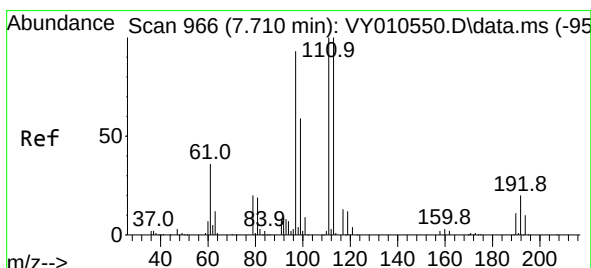
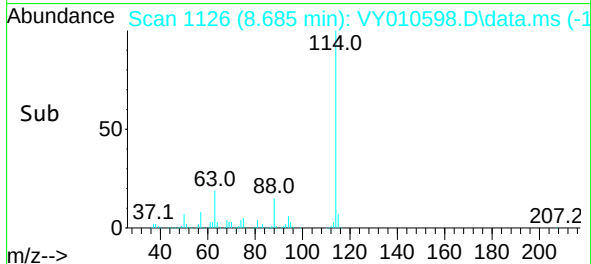
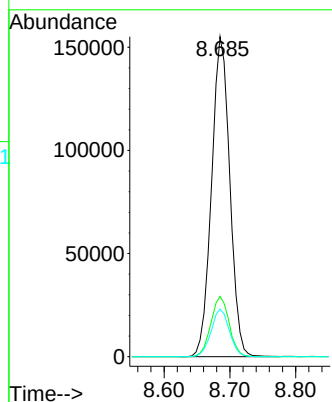
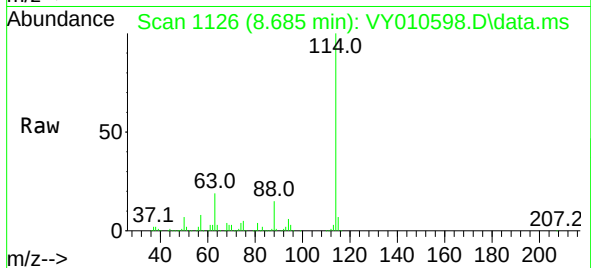
Tgt Ion:114 Resp: 299241

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.124 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010598.D

Acq: 21 Sep 2022 14:57

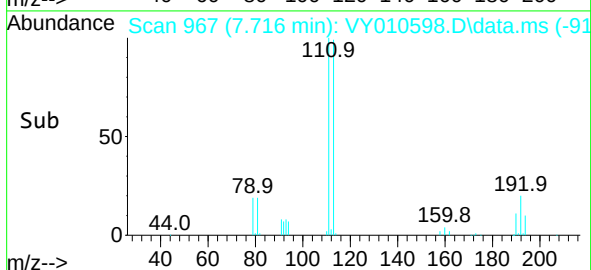
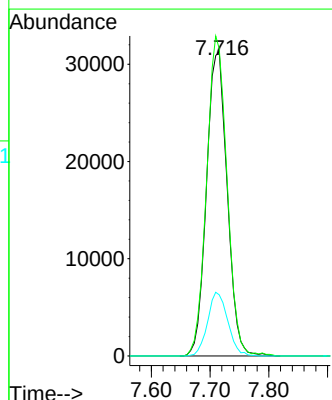
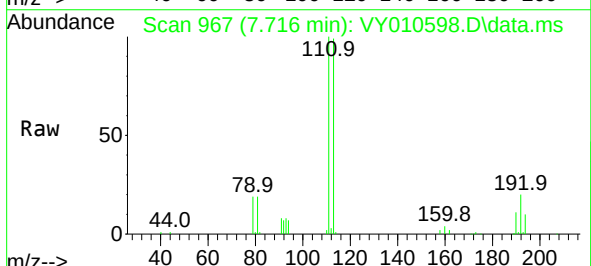
Tgt Ion:113 Resp: 76627

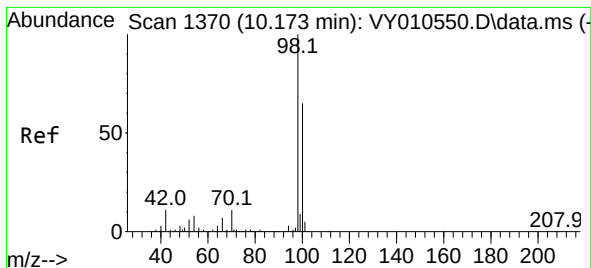
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 20.3 17.6 26.4





#50

Toluene-d8

Concen: 41.969 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010598.D

Acq: 21 Sep 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

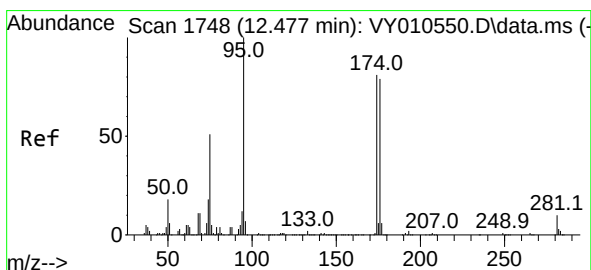
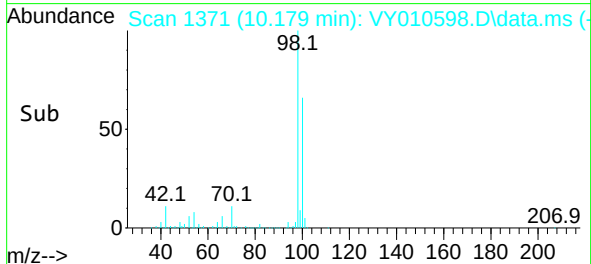
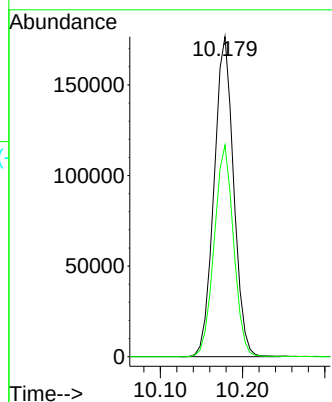
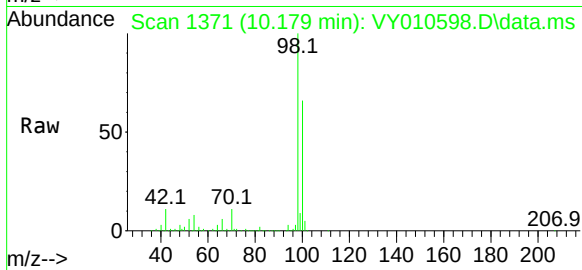
VNJ-240

Tgt Ion: 98 Resp: 292440

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 36.110 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010598.D

Acq: 21 Sep 2022 14:57

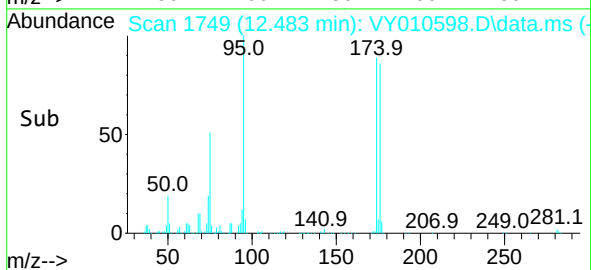
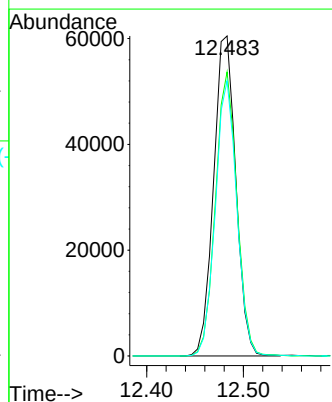
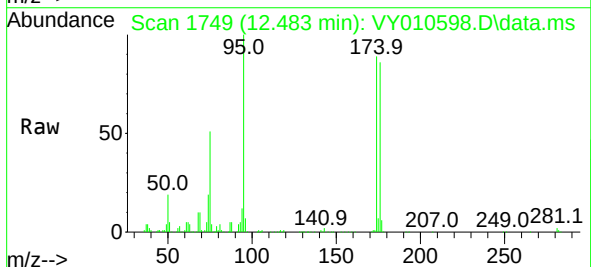
Tgt Ion: 95 Resp: 96553

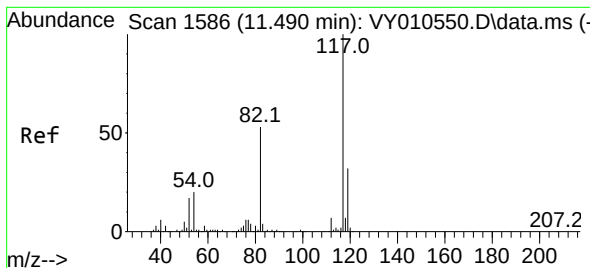
Ion Ratio Lower Upper

95 100

174 85.8 0.0 177.0

176 82.7 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: VY010598.D

Acq: 21 Sep 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-240

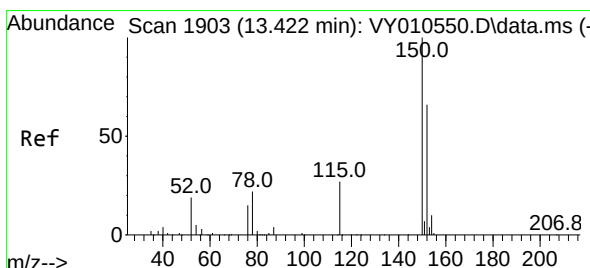
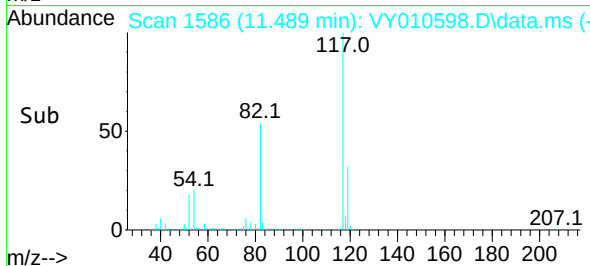
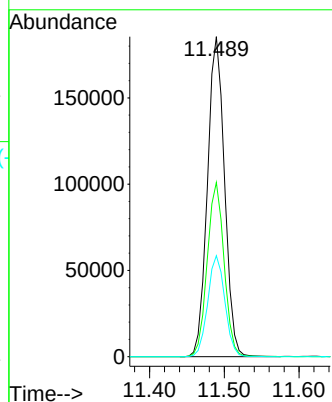
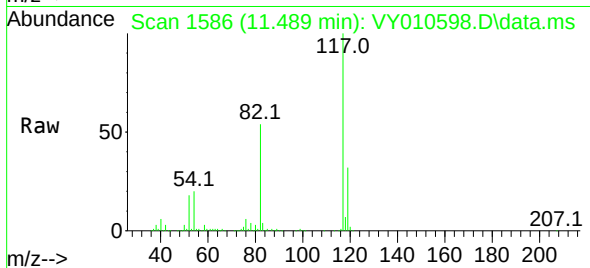
Tgt Ion:117 Resp: 294916

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.4

119 31.5 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: VY010598.D

Acq: 21 Sep 2022 14:57

Tgt Ion:152 Resp: 136844

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.7 0.0 347.6

