

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010319.D
 Acq On : 03 Sep 2022 14:48
 Operator : KP/MD
 Sample : N4451-01
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1

Quant Time: Sep 05 04:19:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	266716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	442034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	389990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157879	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139175	50.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.780%
35) Dibromofluoromethane	7.710	113	130227	44.254	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.500%
50) Toluene-d8	10.179	98	517057	52.481	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.960%
62) 4-Bromofluorobenzene	12.483	95	162530	39.920	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.840%

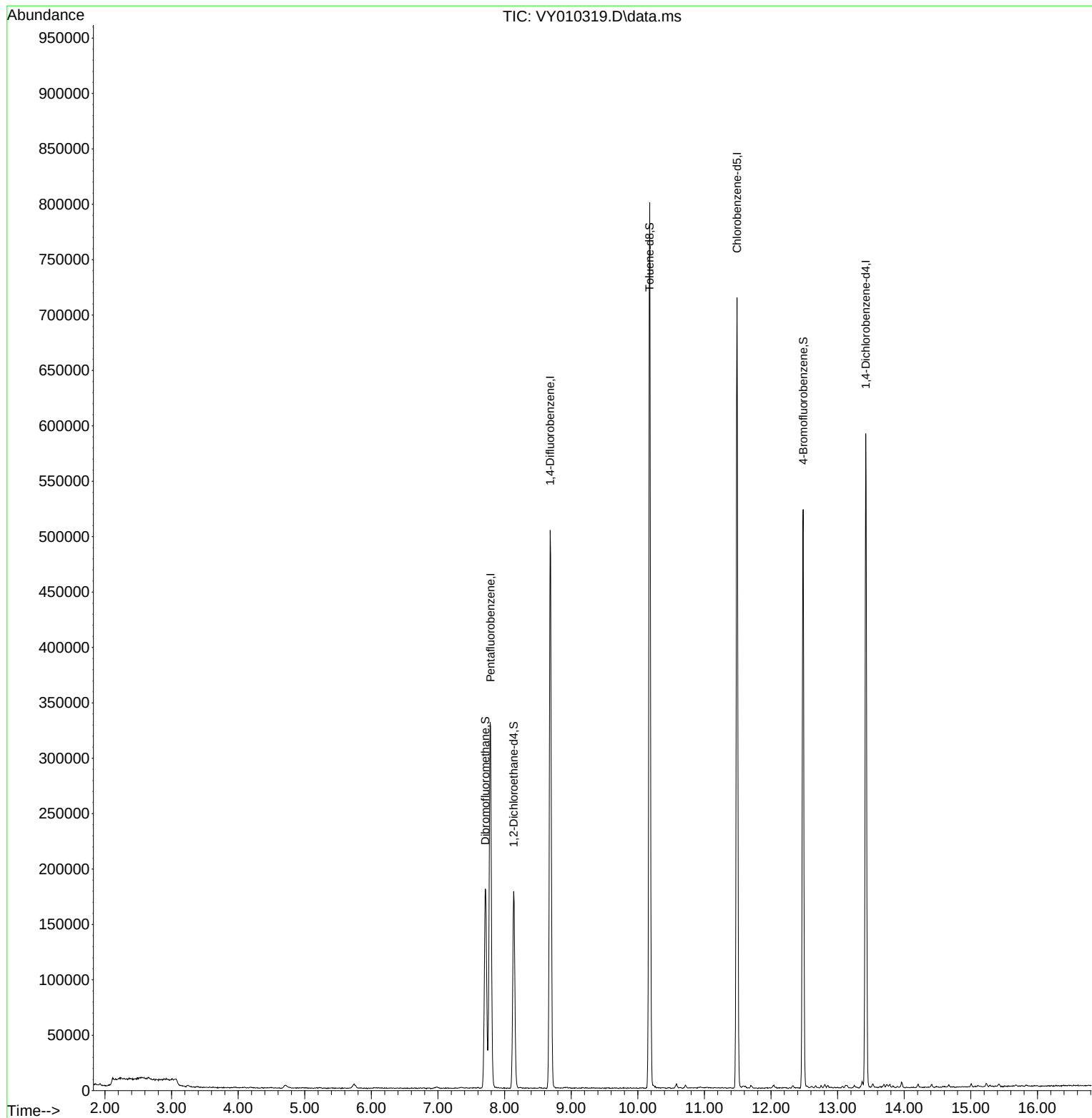
Target Compounds	Qvalue

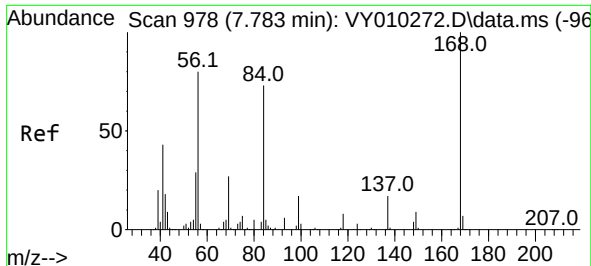
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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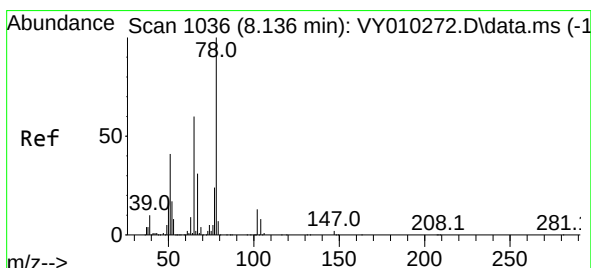
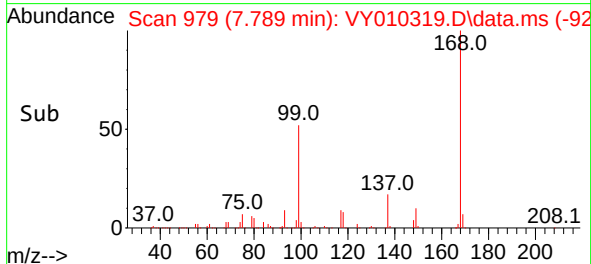
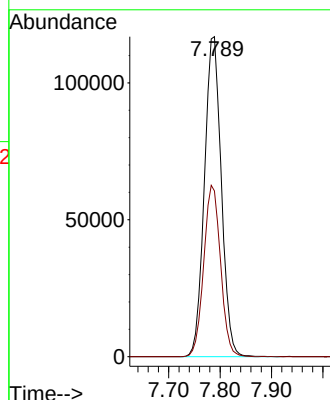
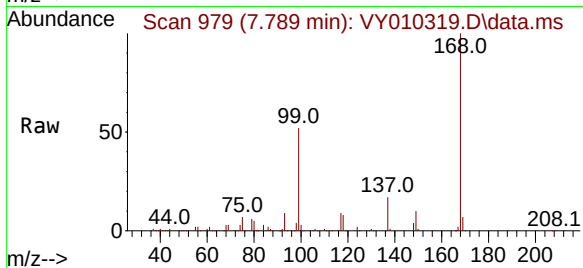




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010319.D
Acq: 03 Sep 2022 14:48

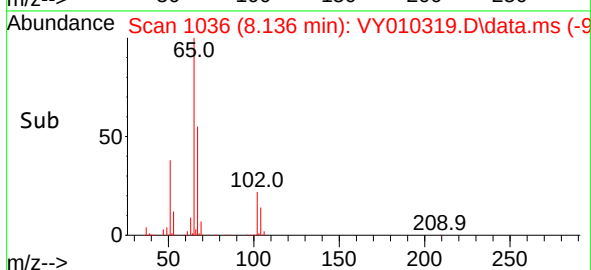
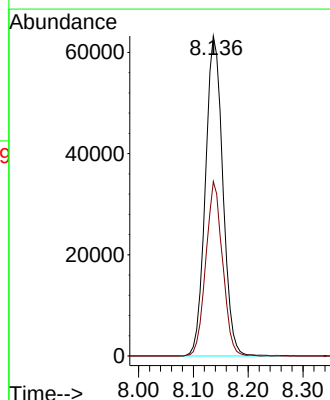
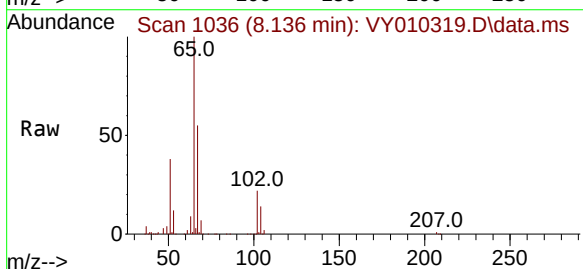
Instrument :
MSVOA_Y
ClientSampleId :
TP1

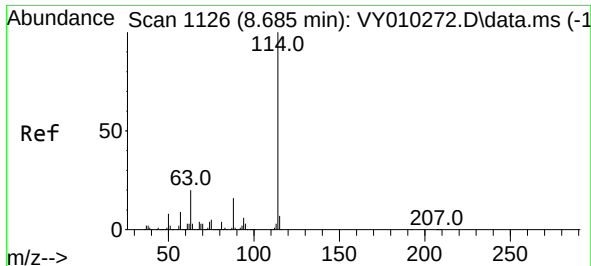
Tgt Ion:168 Resp: 266716
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.889 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010319.D
Acq: 03 Sep 2022 14:48

Tgt Ion: 65 Resp: 139175
Ion Ratio Lower Upper
65 100
67 52.5 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: VY010319.D

Acq: 03 Sep 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TP1

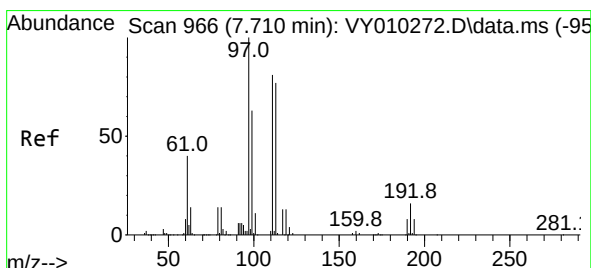
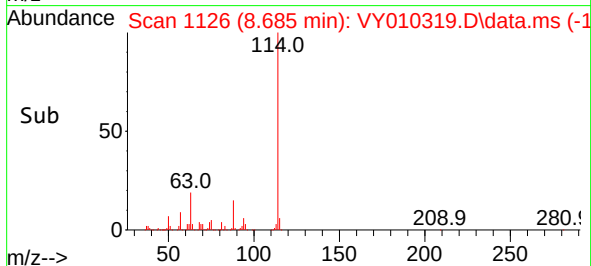
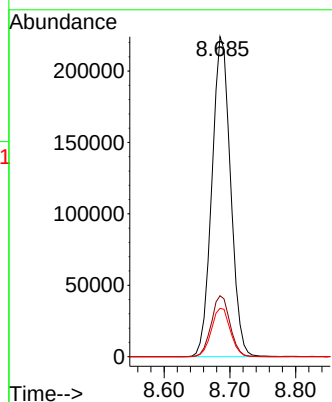
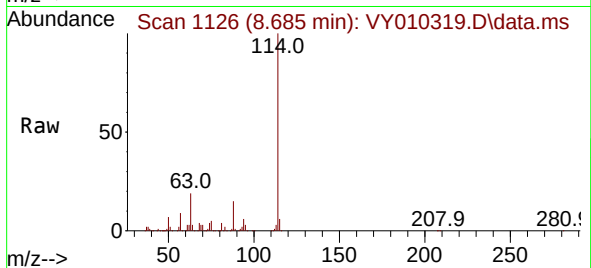
Tgt Ion:114 Resp: 442034

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.254 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010319.D

Acq: 03 Sep 2022 14:48

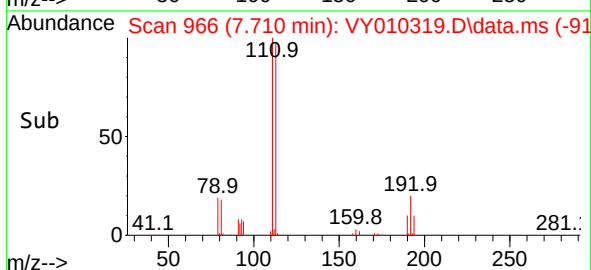
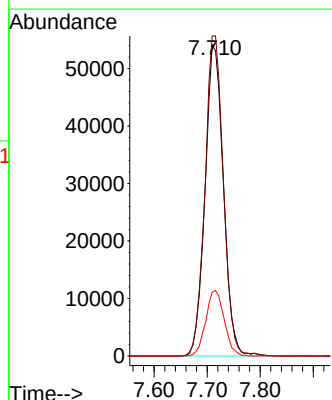
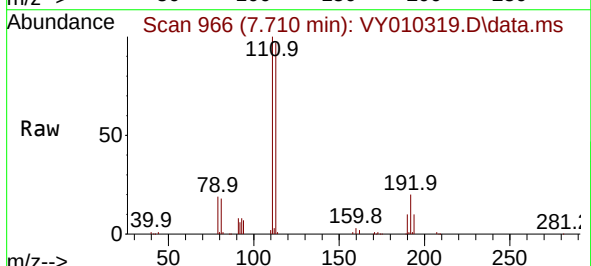
Tgt Ion:113 Resp: 130227

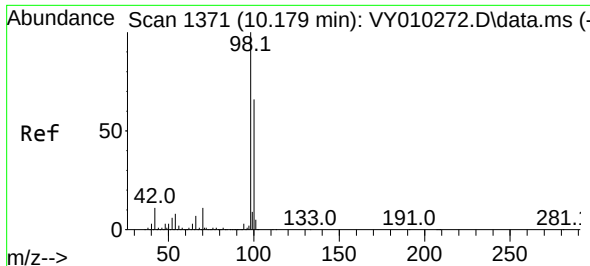
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 21.1 17.6 26.4

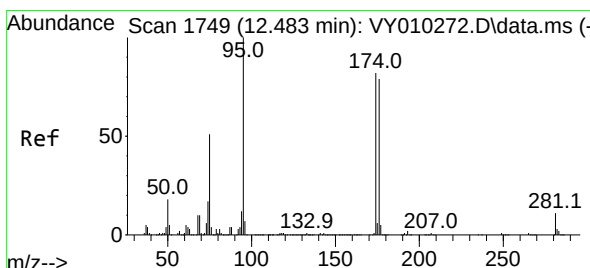
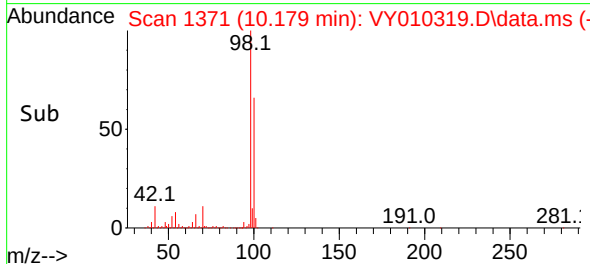
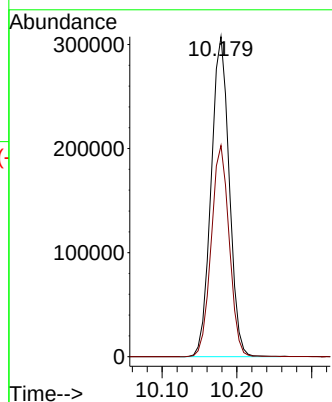
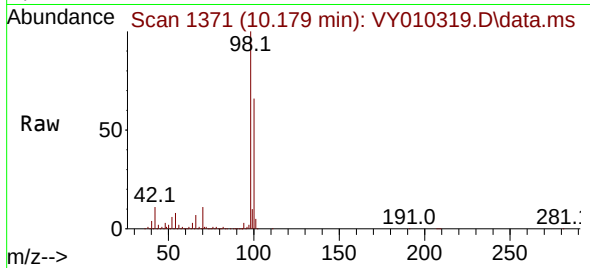




#50
Toluene-d8
Concen: 52.481 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010319.D
Acq: 03 Sep 2022 14:48

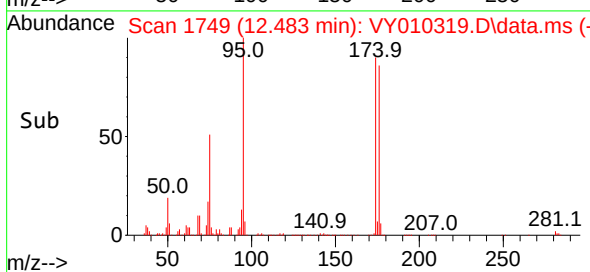
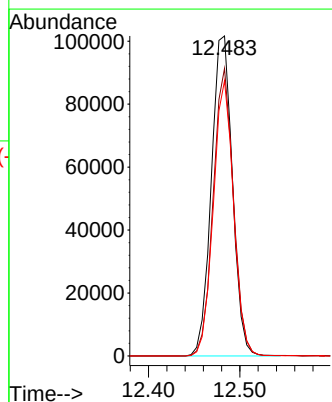
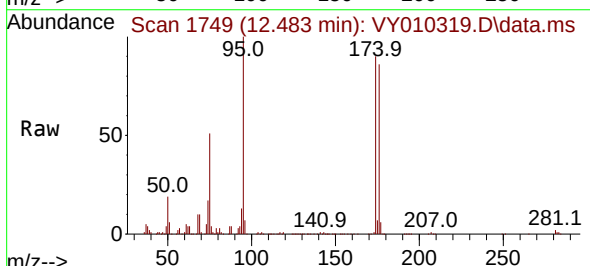
Instrument :
MSVOA_Y
ClientSampleId :
TP1

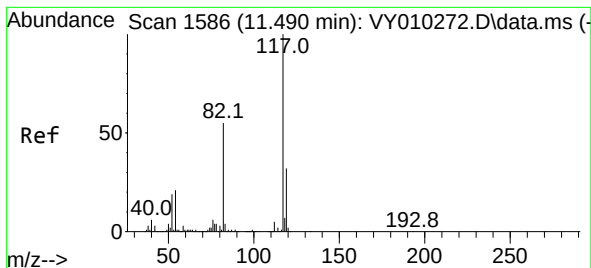
Tgt Ion: 98 Resp: 517057
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.920 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010319.D
Acq: 03 Sep 2022 14:48

Tgt Ion: 95 Resp: 162530
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 82.9 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: VY010319.D

Acq: 03 Sep 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TP1

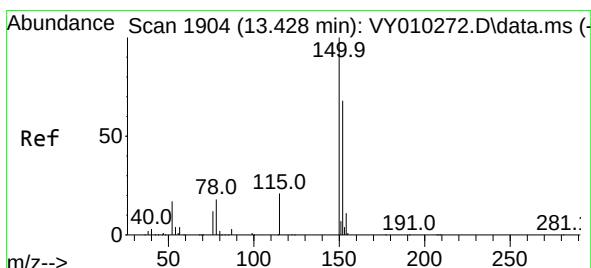
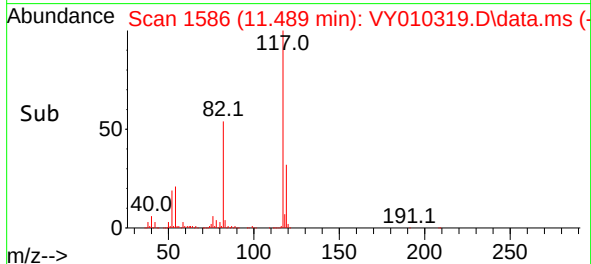
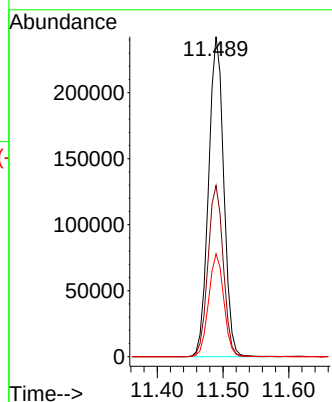
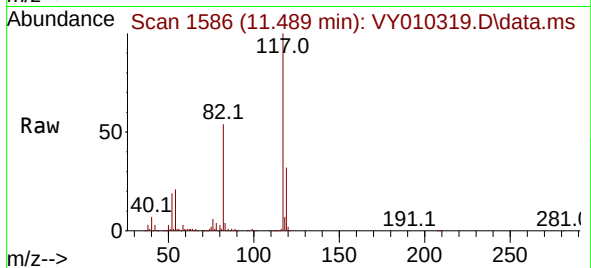
Tgt Ion:117 Resp: 389990

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 32.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010319.D

Acq: 03 Sep 2022 14:48

Tgt Ion:152 Resp: 157879

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 157.7 0.0 347.6

