

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010714.D
 Acq On : 28 Sep 2022 14:21
 Operator : KP/MD
 Sample : N4751-06
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5D

Quant Time: Sep 29 01:13:15 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	7.789	168	219362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	371190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116295	55.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.860%
35) Dibromofluoromethane	7.716	113	119062	50.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.179	98	392252	45.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.260%
62) 4-Bromofluorobenzene	12.477	95	132459	40.239	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.480%

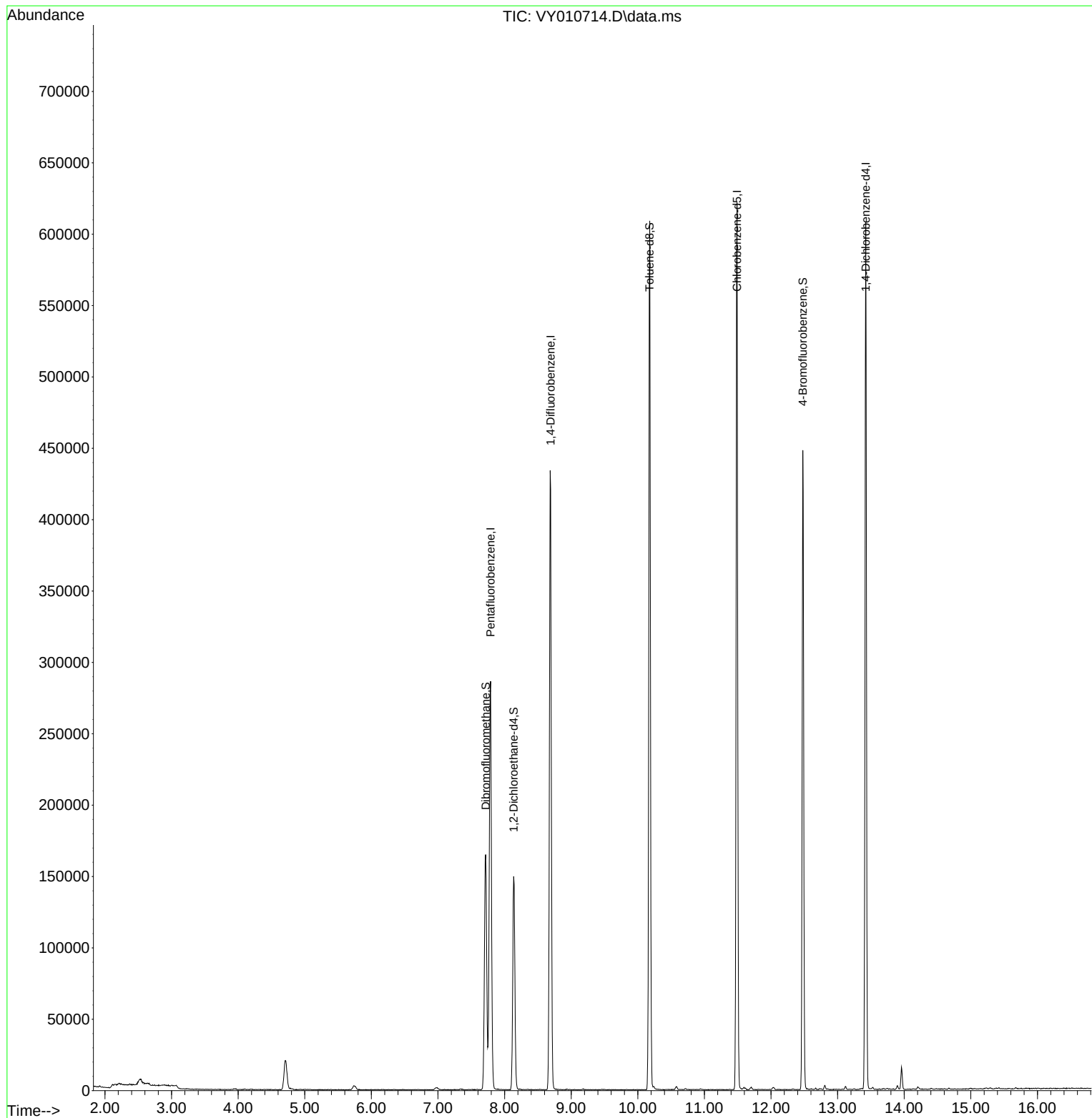
Target Compounds	Qvalue

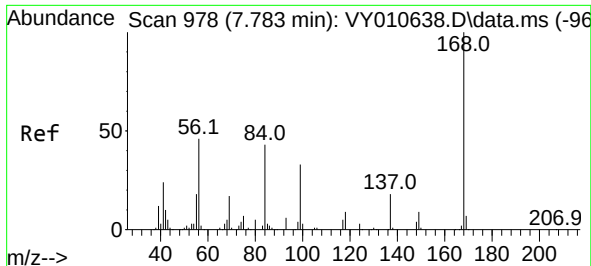
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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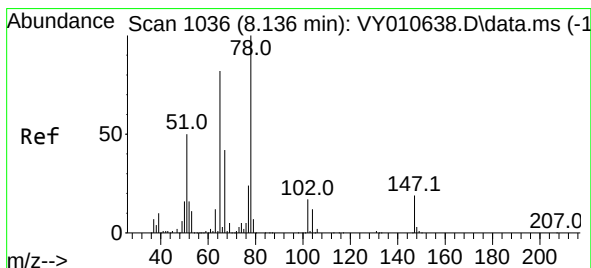
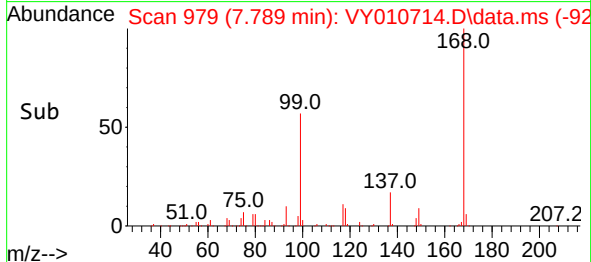
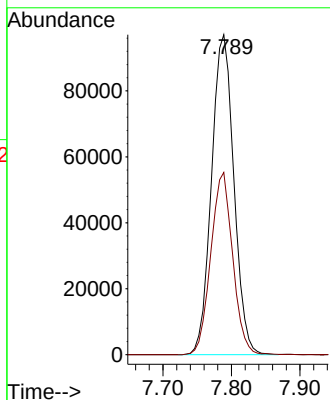
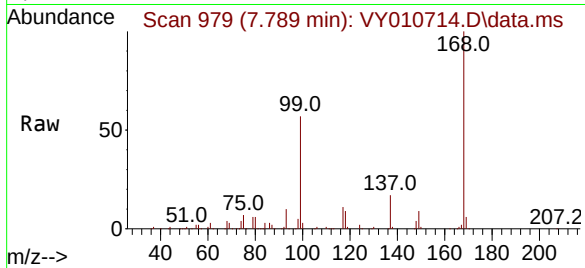




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010714.D
Acq: 28 Sep 2022 14:21

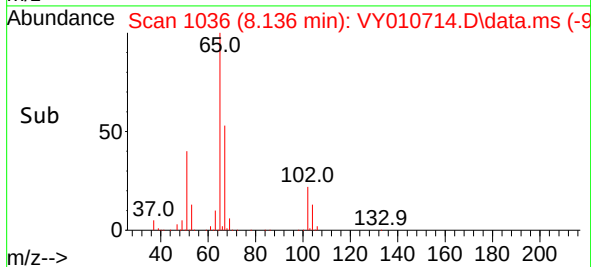
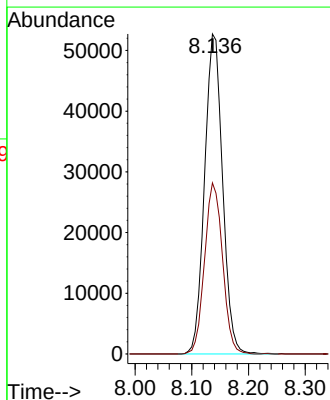
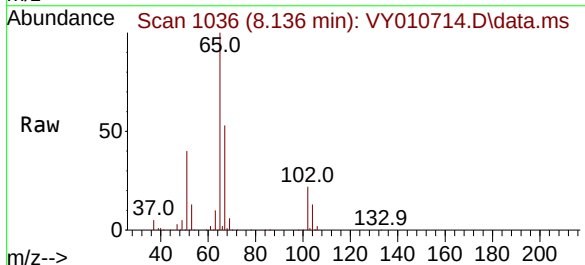
Instrument :
MSVOA_Y
ClientSampleId :
PE-5D

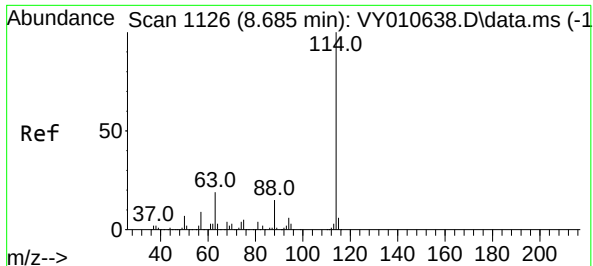
Tgt Ion:168 Resp: 219362
Ion Ratio Lower Upper
168 100
99 57.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.428 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010714.D
Acq: 28 Sep 2022 14:21

Tgt Ion: 65 Resp: 116295
Ion Ratio Lower Upper
65 100
67 53.3 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: VY010714.D

Acq: 28 Sep 2022 14:21

Instrument :

MSVOA_Y

ClientSampleId :

PE-5D

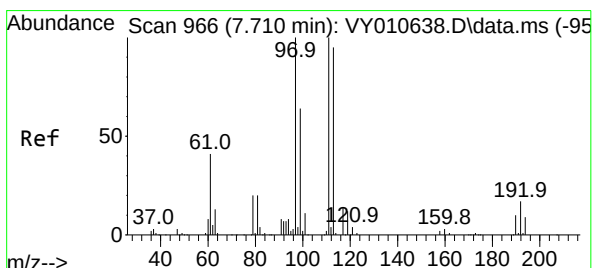
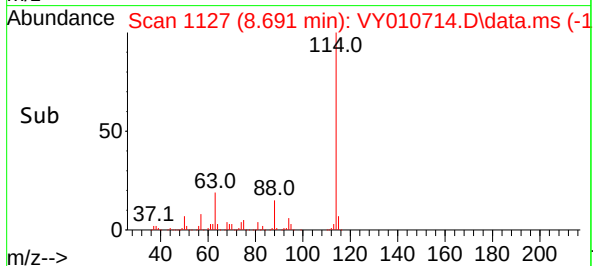
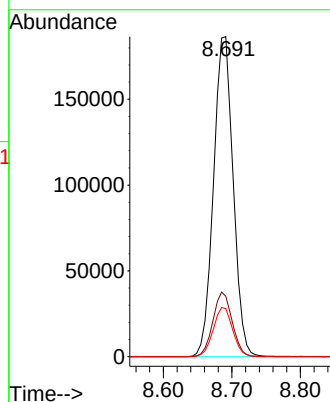
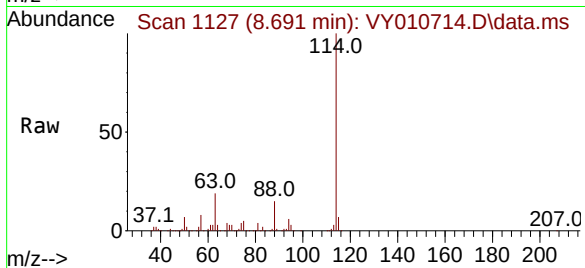
Tgt Ion:114 Resp: 371190

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.260 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010714.D

Acq: 28 Sep 2022 14:21

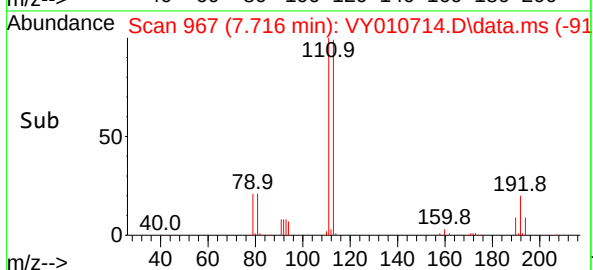
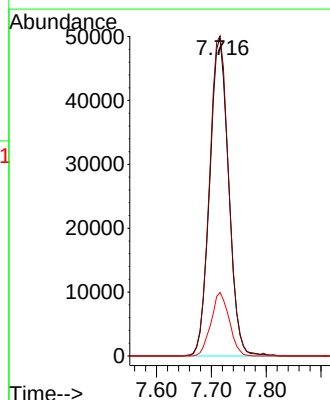
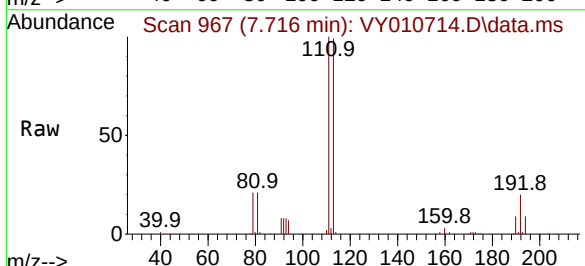
Tgt Ion:113 Resp: 119062

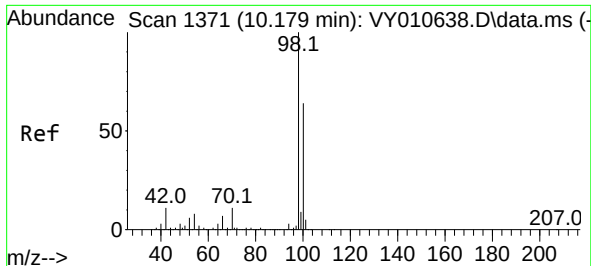
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 19.2 17.6 26.4

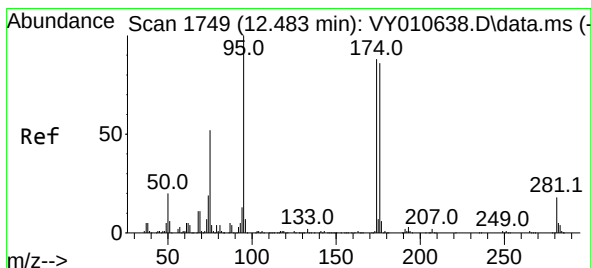
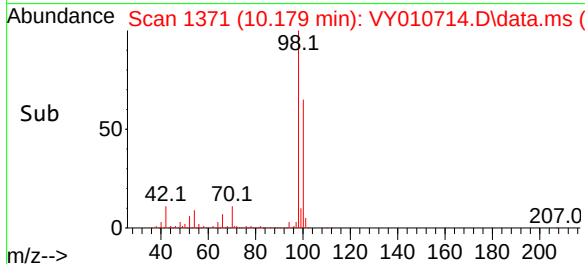
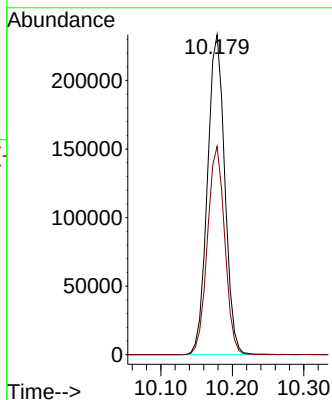
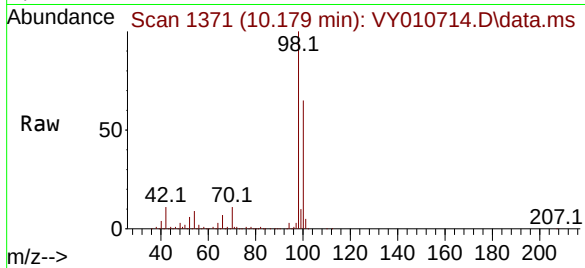




#50
Toluene-d8
Concen: 45.127 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010714.D
Acq: 28 Sep 2022 14:21

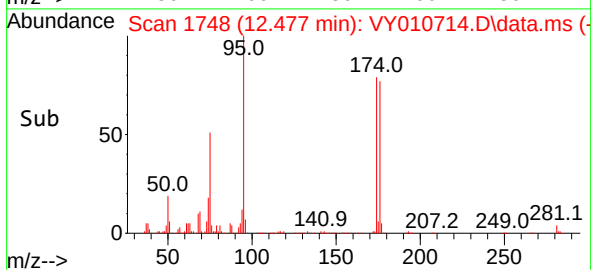
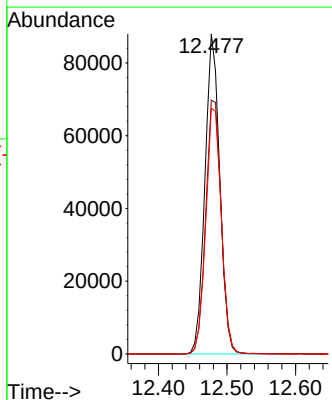
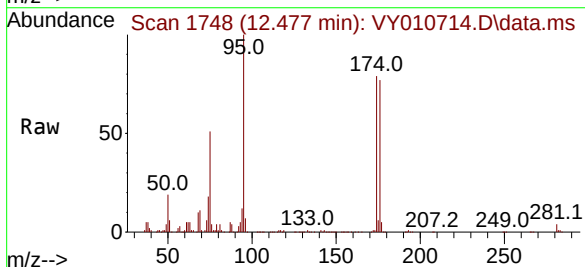
Instrument :
MSVOA_Y
ClientSampleId :
PE-5D

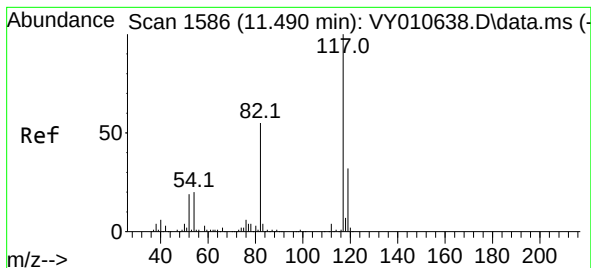
Tgt Ion: 98 Resp: 392252
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.239 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010714.D
Acq: 28 Sep 2022 14:21

Tgt Ion: 95 Resp: 132459
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.2 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: VY010714.D

Acq: 28 Sep 2022 14:21

Instrument :

MSVOA_Y

ClientSampleId :

PE-5D

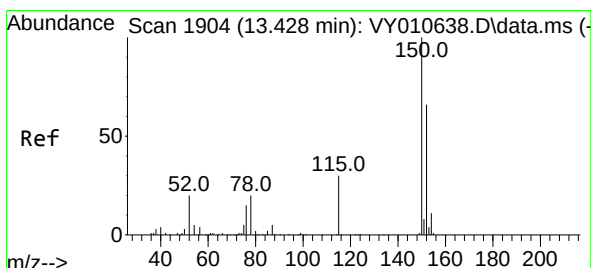
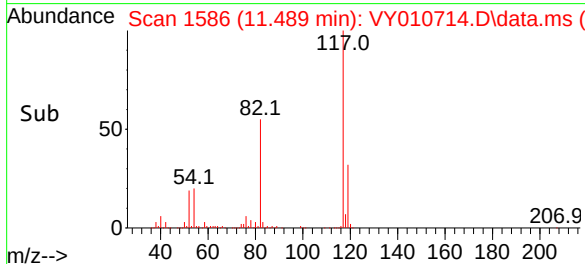
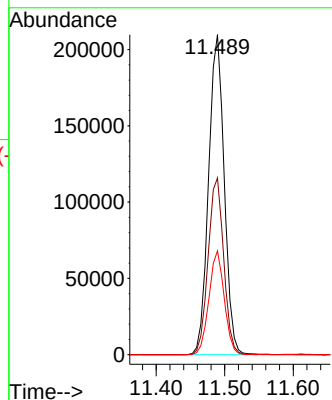
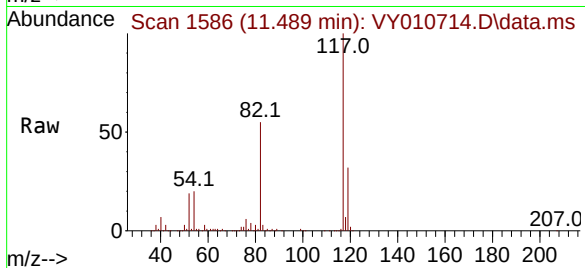
Tgt Ion:117 Resp: 333507

Ion Ratio Lower Upper

117 100

82 55.2 43.0 64.4

119 32.5 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: VY010714.D

Acq: 28 Sep 2022 14:21

Tgt Ion:152 Resp: 150834

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 158.0 0.0 347.6

