

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010751.D
 Acq On : 30 Sep 2022 15:53
 Operator : KP/MD
 Sample : N4909-02
 Misc : 7.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5

Quant Time: Oct 01 06:18:43 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	179029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53282	31.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.240%
35) Dibromofluoromethane	7.716	113	64686	38.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.300%
50) Toluene-d8	10.179	98	270436	44.109	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.220%
62) 4-Bromofluorobenzene	12.477	95	79365	33.688	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.380%

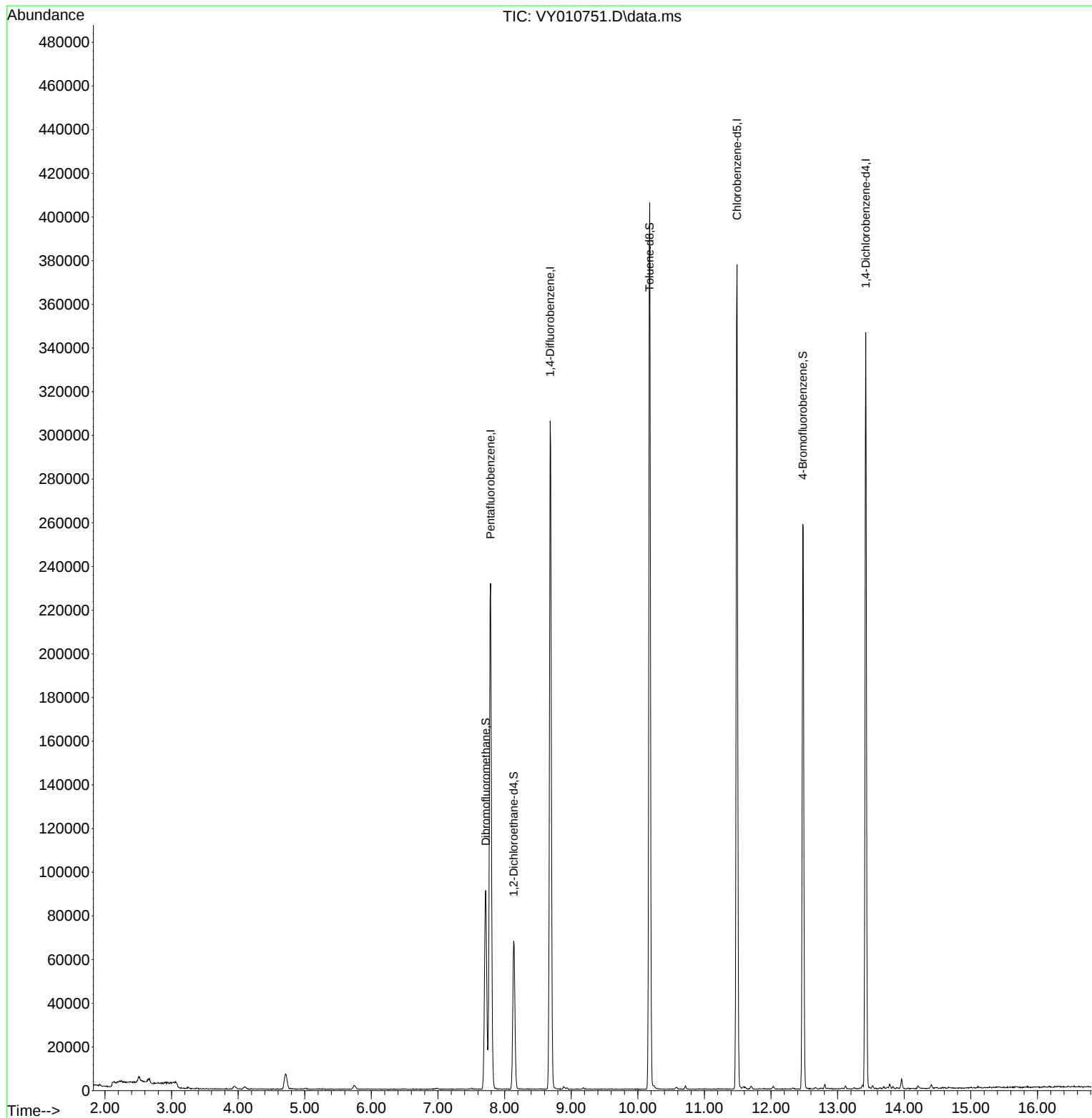
Target Compounds	Qvalue

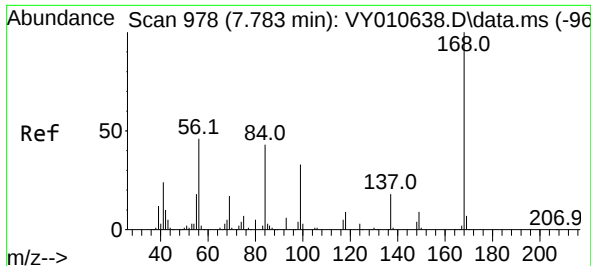
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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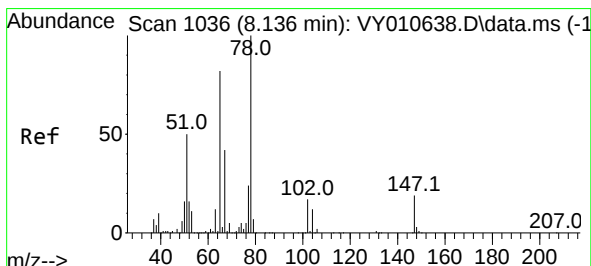
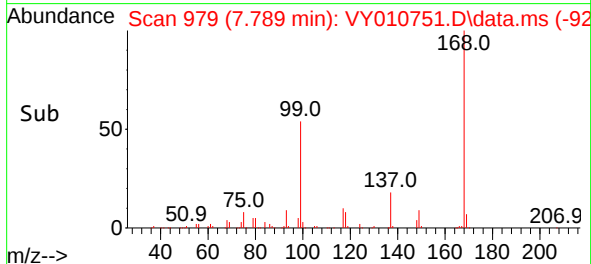
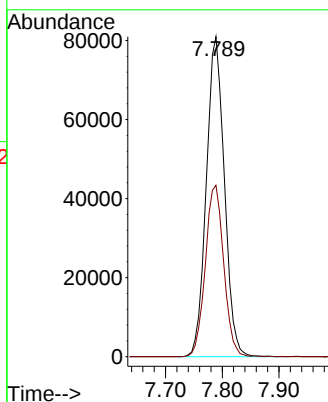
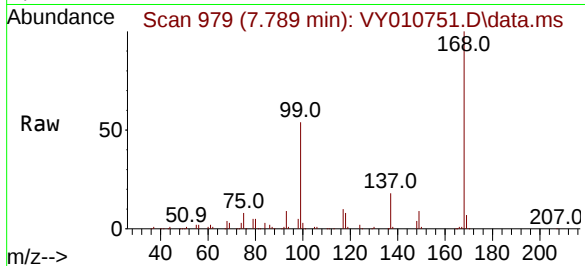




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

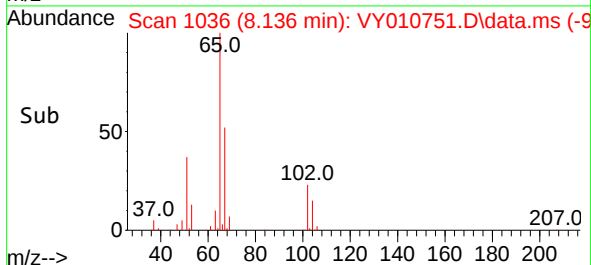
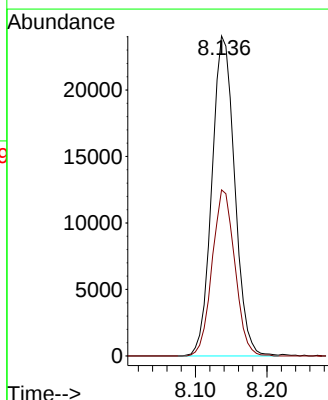
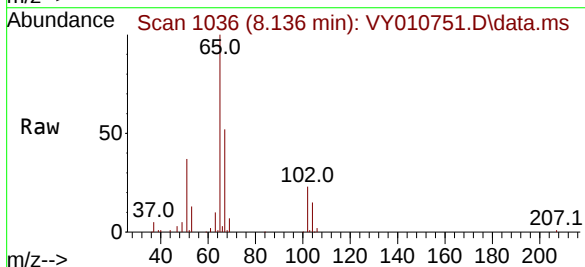
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

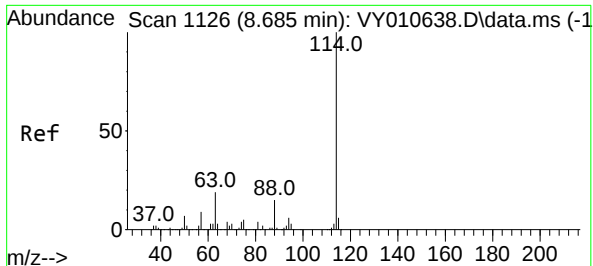
Tgt Ion:168 Resp: 179029
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 31.116 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

Tgt Ion: 65 Resp: 53282
Ion Ratio Lower Upper
65 100
67 51.7 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: VY010751.D

Acq: 30 Sep 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

PE-5

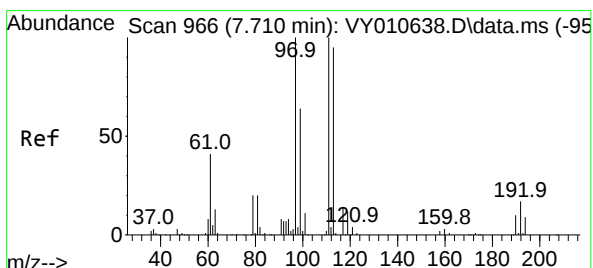
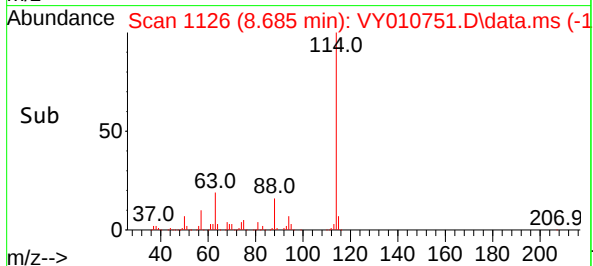
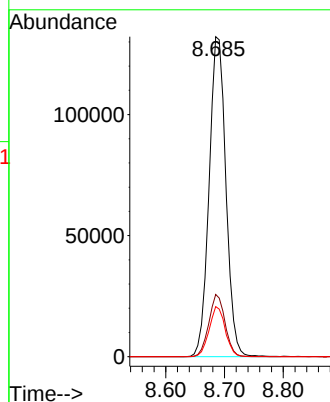
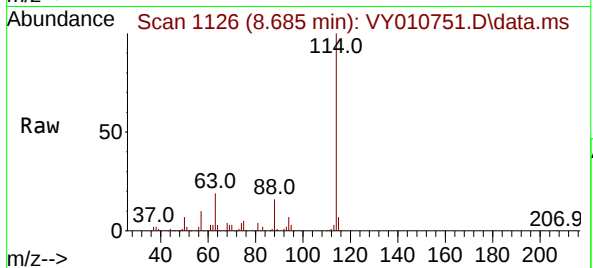
Tgt Ion:114 Resp: 262271

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.646 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010751.D

Acq: 30 Sep 2022 15:53

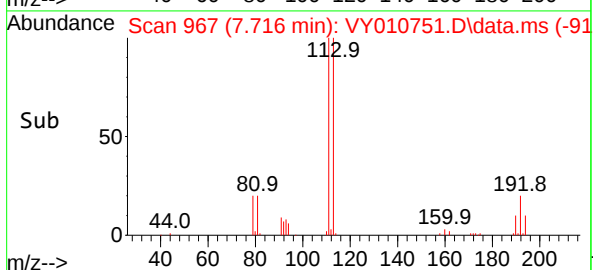
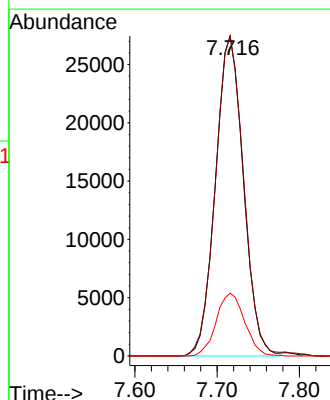
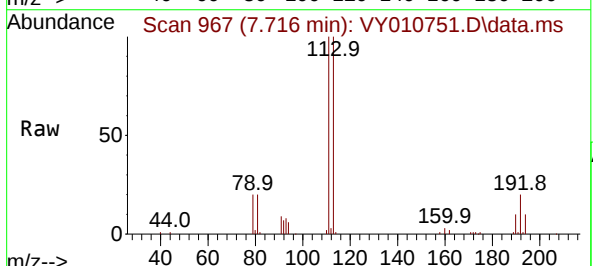
Tgt Ion:113 Resp: 64686

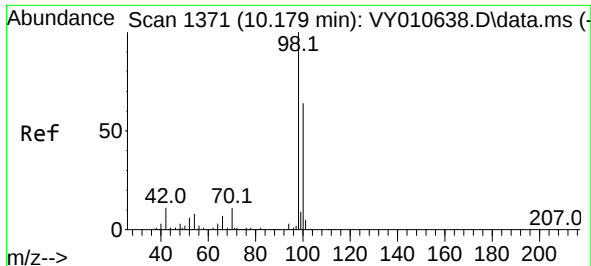
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 20.0 17.6 26.4

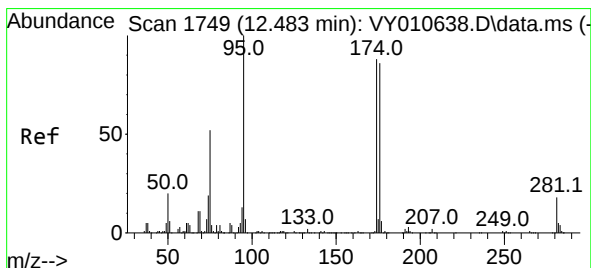
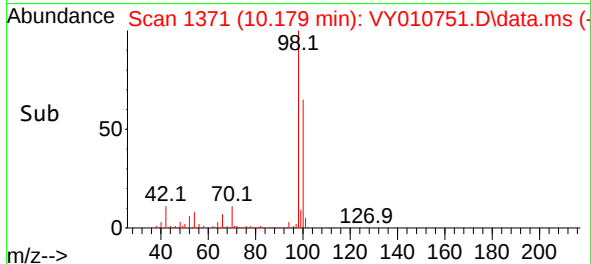
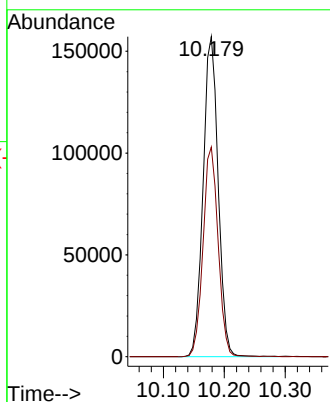
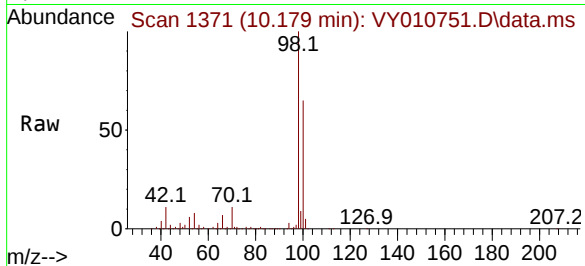




#50
Toluene-d8
Concen: 44.109 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

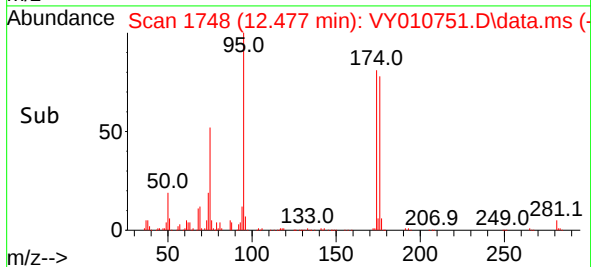
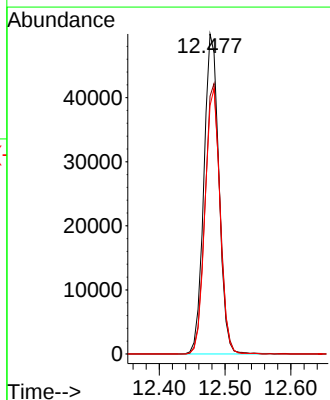
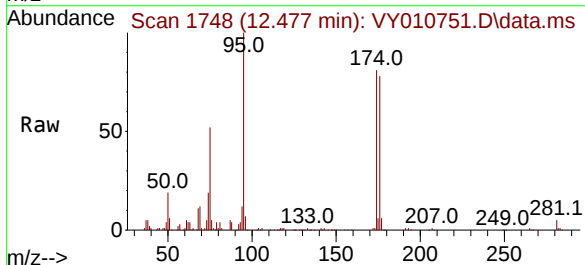
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

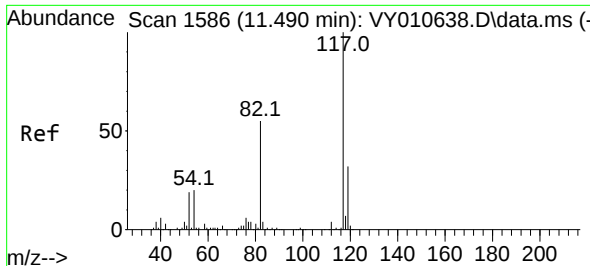
Tgt Ion: 98 Resp: 270436
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.688 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

Tgt Ion: 95 Resp: 79365
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 82.8 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: VY010751.D

Acq: 30 Sep 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

PE-5

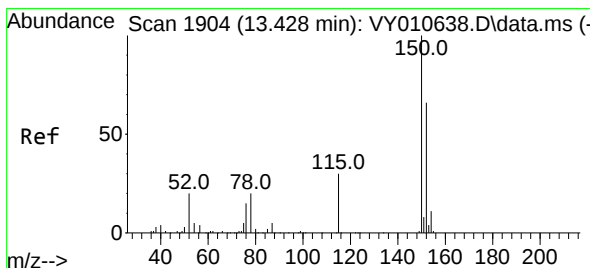
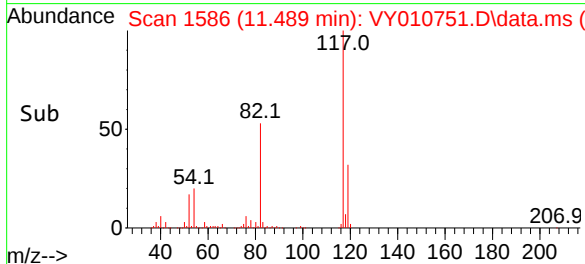
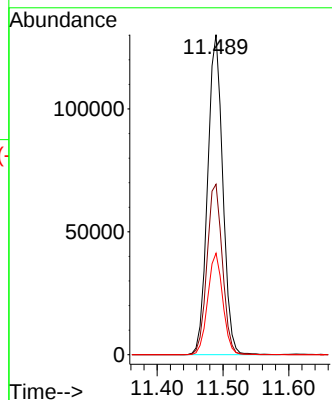
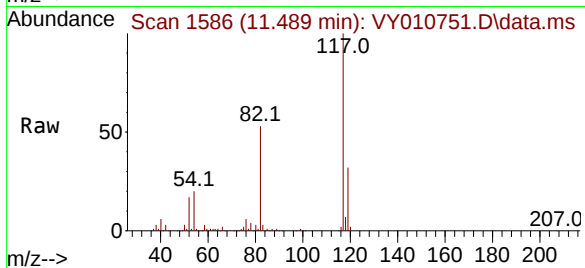
Tgt Ion:117 Resp: 208330

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 31.7 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: VY010751.D

Acq: 30 Sep 2022 15:53

Tgt Ion:152 Resp: 88386

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 158.4 0.0 347.6

