

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011769.D
 Acq On : 12 Dec 2022 14:26
 Operator : KP/MD
 Sample : N5965-01
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-P

Quant Time: Dec 13 00:19:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	284379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	483321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	432337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	102139	52.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.820%
35) Dibromofluoromethane	7.715	113	105822	49.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.178	98	315478	44.015	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.040%
62) 4-Bromofluorobenzene	12.483	95	122866	43.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.460%

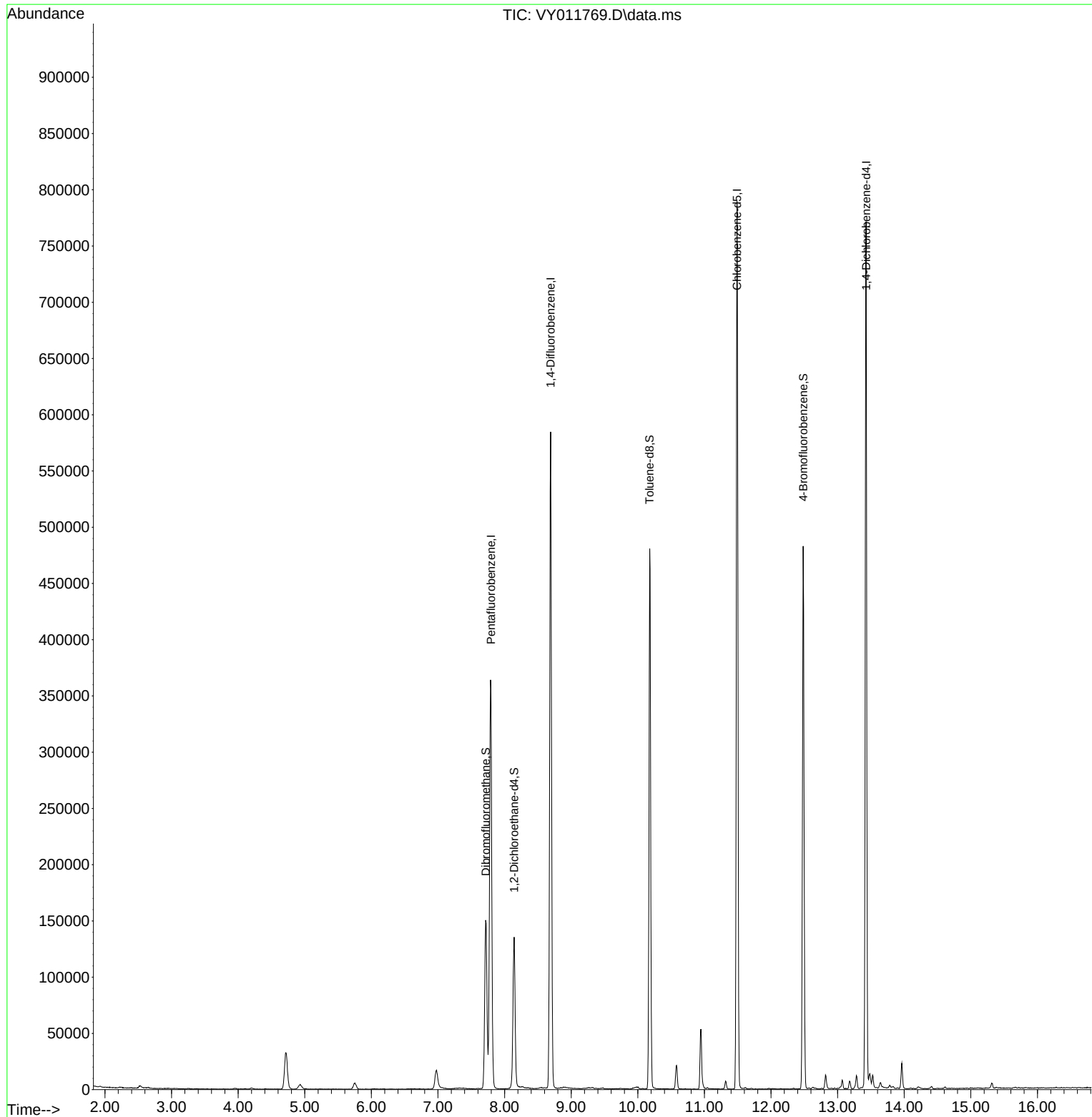
Target Compounds	Qvalue

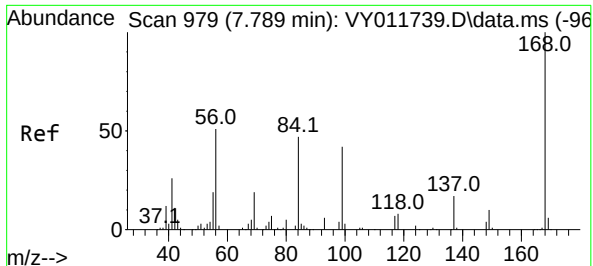
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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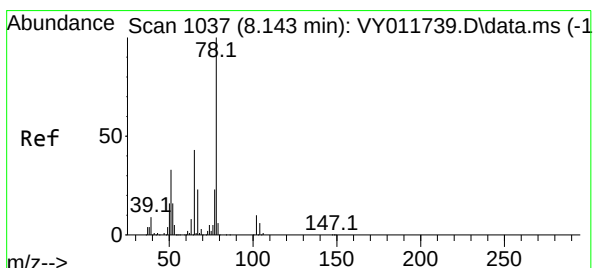
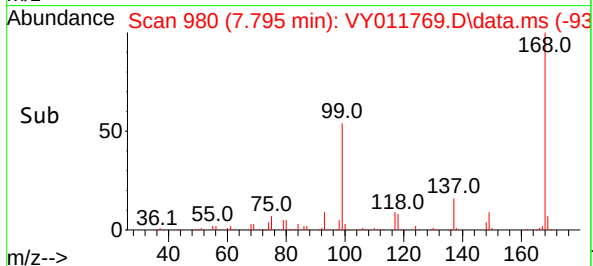
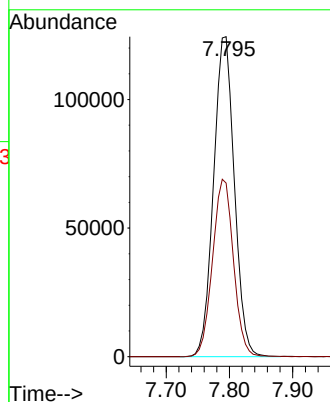
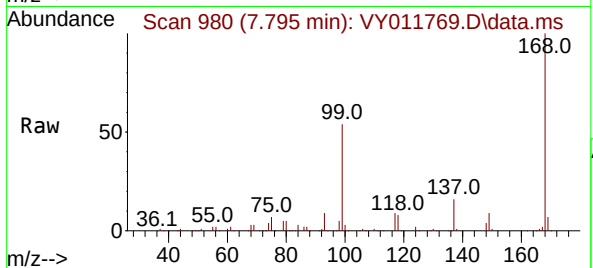




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011769.D
Acq: 12 Dec 2022 14:26

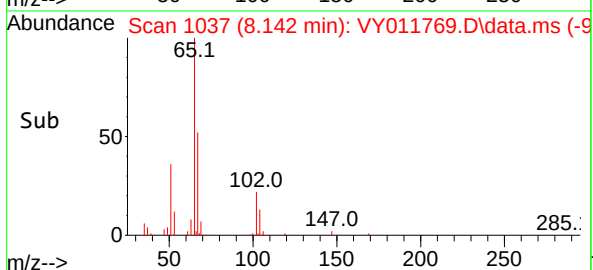
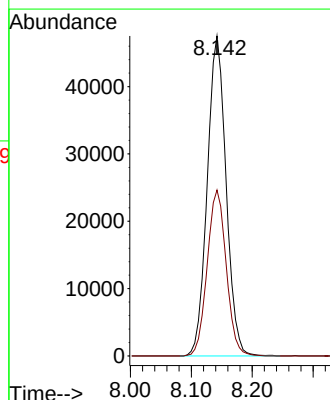
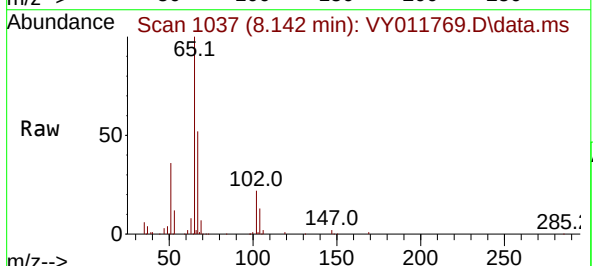
Instrument :
MSVOA_Y
ClientSampleId :
TP-P

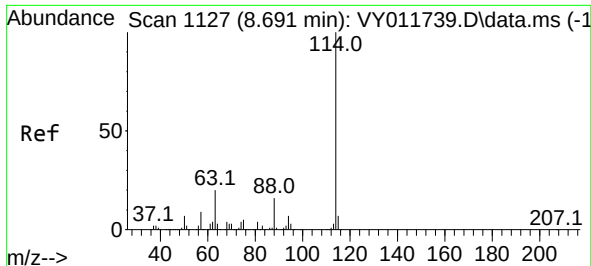
Tgt Ion:168 Resp: 284379
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.913 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011769.D
Acq: 12 Dec 2022 14:26

Tgt Ion: 65 Resp: 102139
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011769.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

TP-P

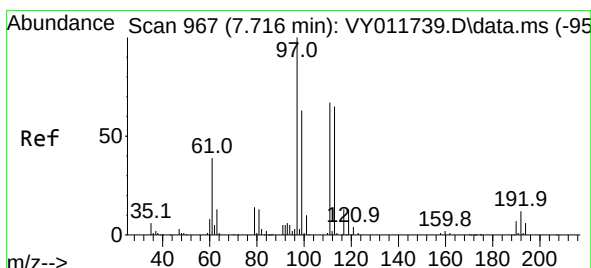
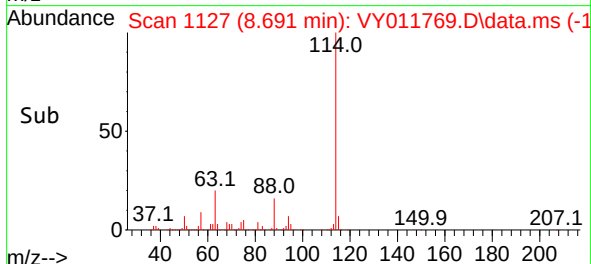
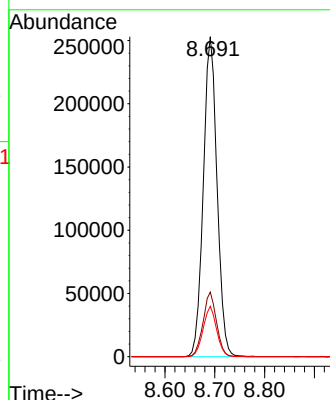
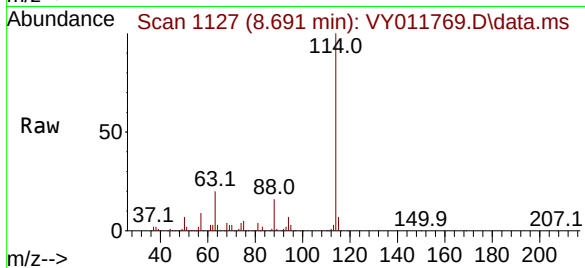
Tgt Ion:114 Resp: 483321

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.219 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY011769.D

Acq: 12 Dec 2022 14:26

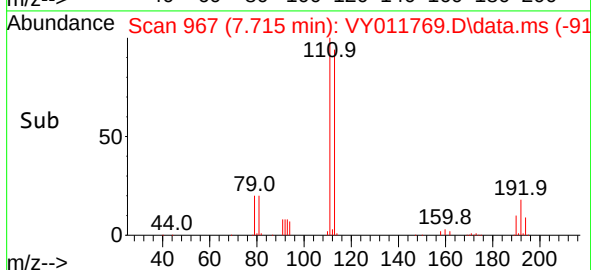
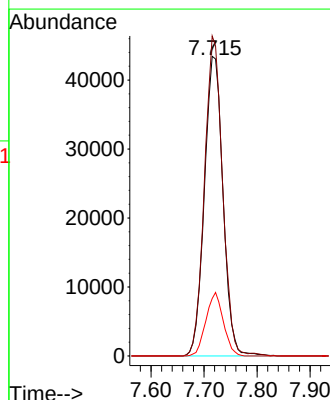
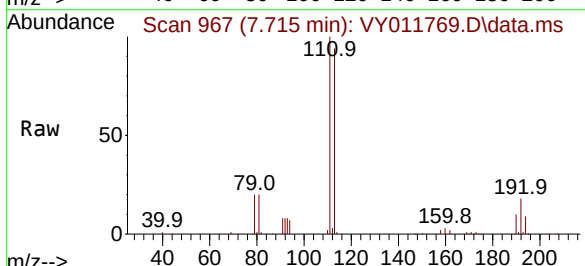
Tgt Ion:113 Resp: 105822

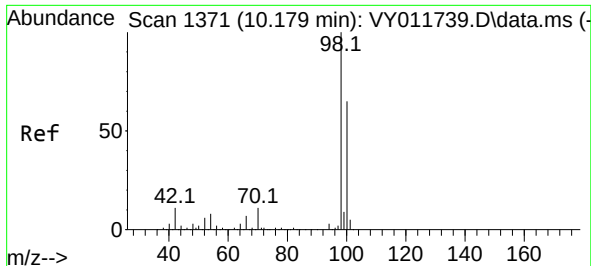
Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

192 19.8 16.0 24.0

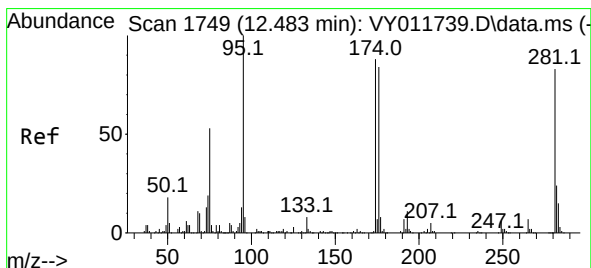
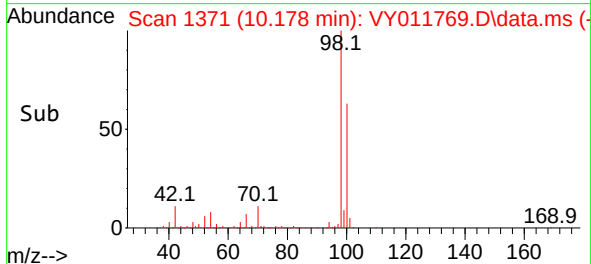
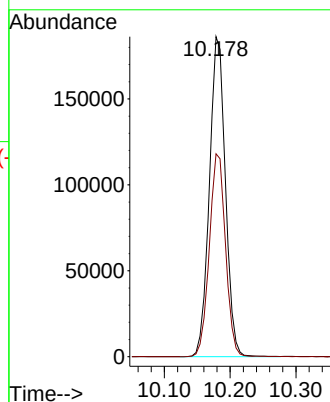
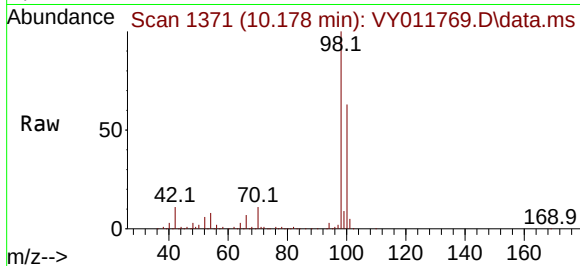




#50
Toluene-d8
Concen: 44.015 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011769.D
Acq: 12 Dec 2022 14:26

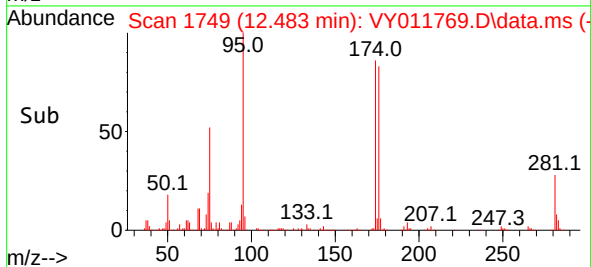
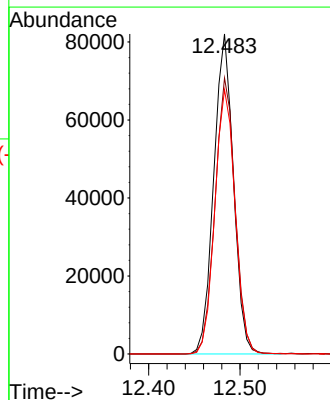
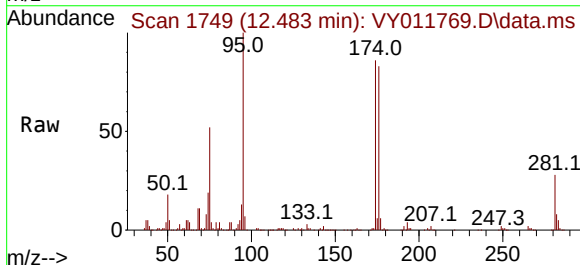
Instrument :
MSVOA_Y
ClientSampleId :
TP-P

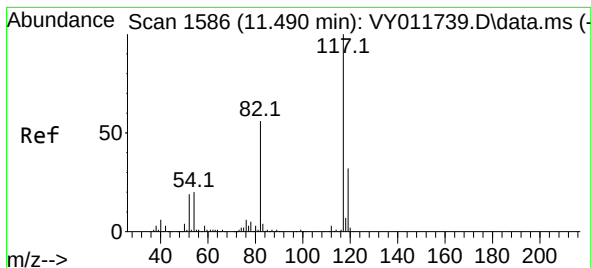
Tgt Ion: 98 Resp: 315478
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011769.D
Acq: 12 Dec 2022 14:26

Tgt Ion: 95 Resp: 122866
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.0
176 85.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011769.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

TP-P

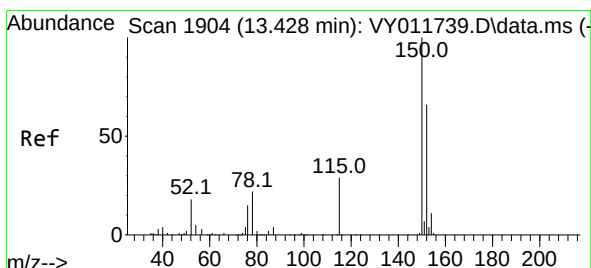
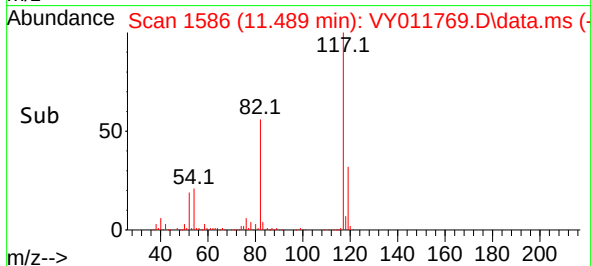
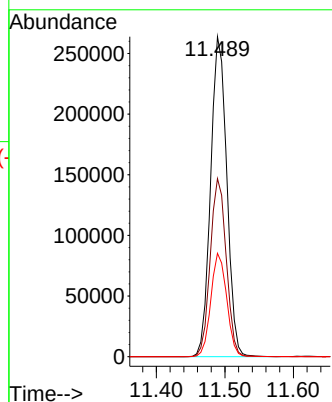
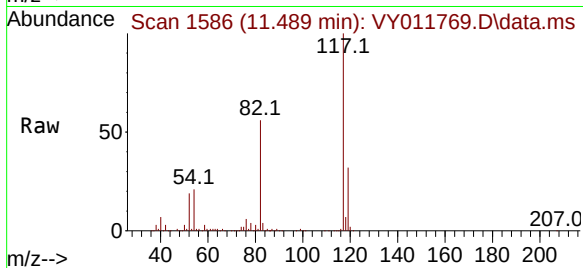
Tgt Ion:117 Resp: 432337

Ion Ratio Lower Upper

117 100

82 55.6 44.8 67.2

119 32.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011769.D

Acq: 12 Dec 2022 14:26

Tgt Ion:152 Resp: 200617

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 156.4 0.0 342.6

