

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012042.D
 Acq On : 03 Jan 2023 13:24
 Operator : KP/MD
 Sample : N6248-01
 Misc : 11.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15

Quant Time: Jan 04 01:17:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	162642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	283202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133025	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	112904	68.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.800%
35) Dibromofluoromethane	7.716	113	89886	52.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.440%
50) Toluene-d8	10.179	98	344334	49.778	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.483	95	117645	50.568	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.140%

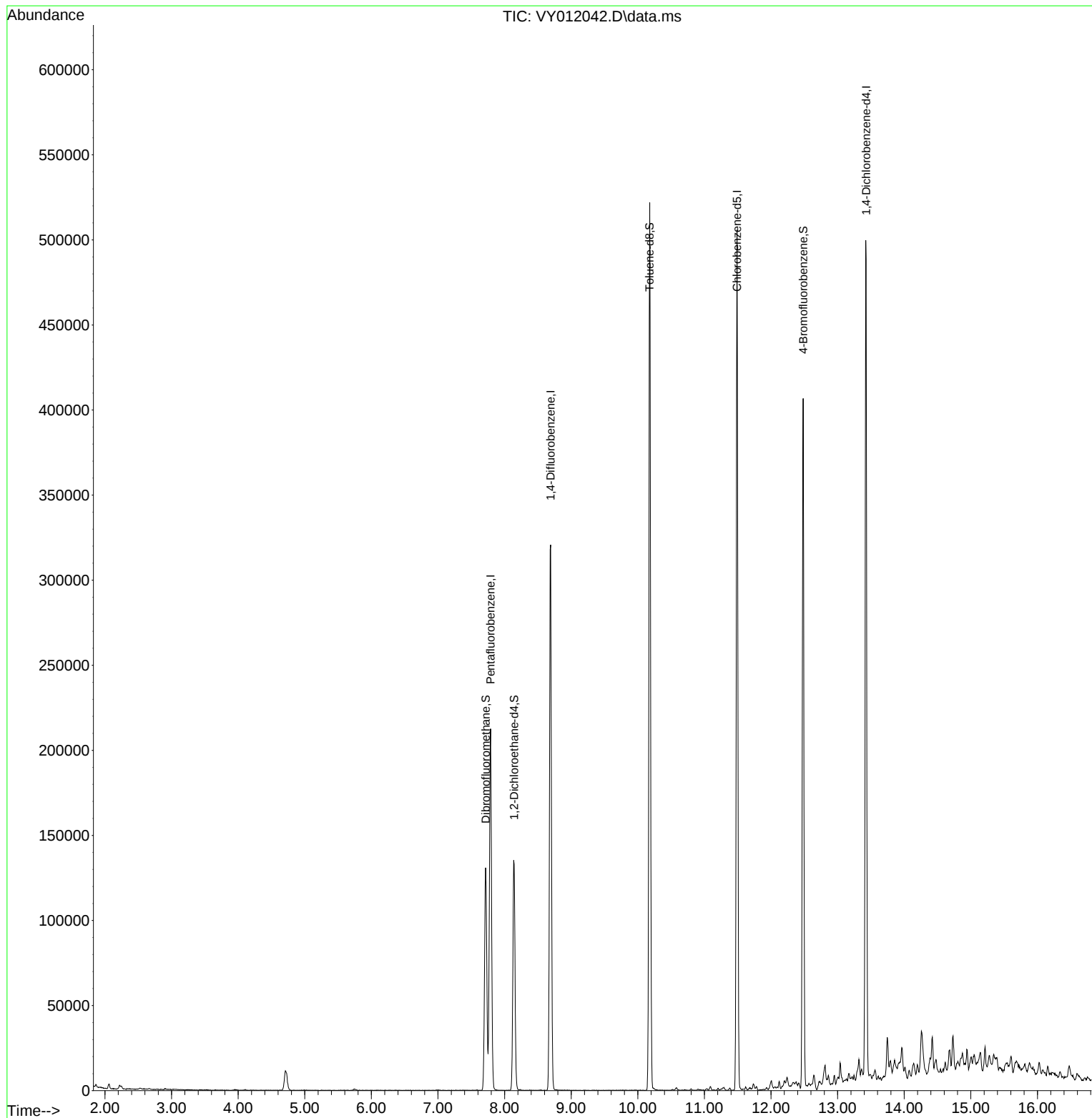
Target Compounds	Qvalue

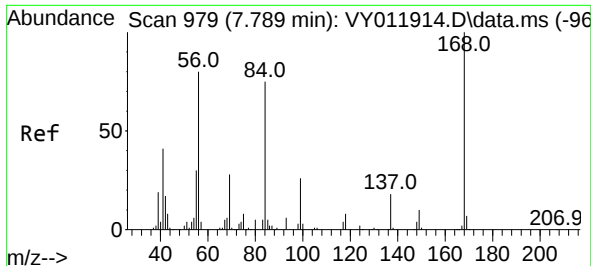
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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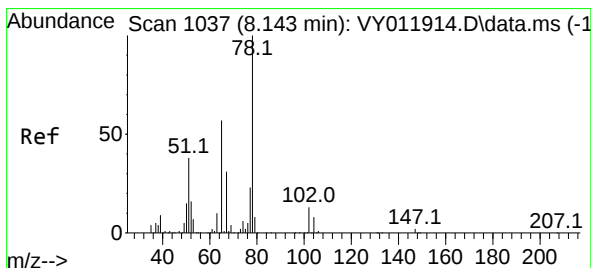
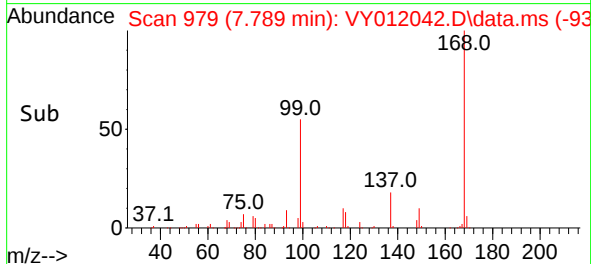
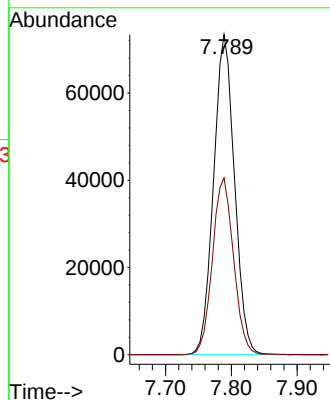
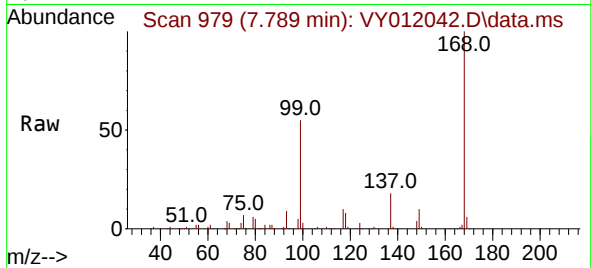




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

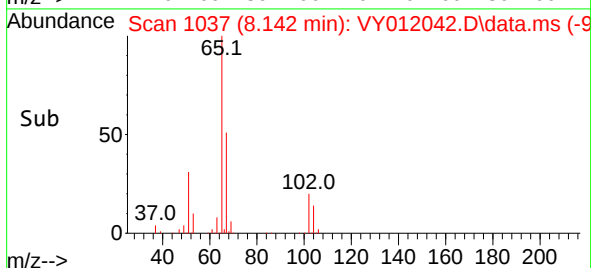
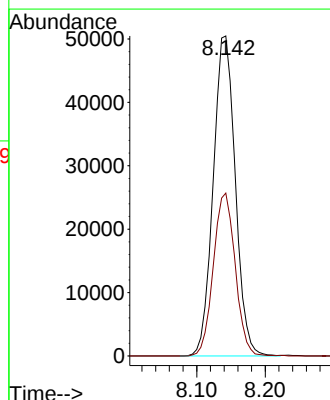
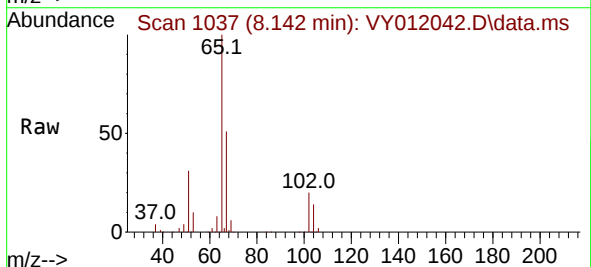
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

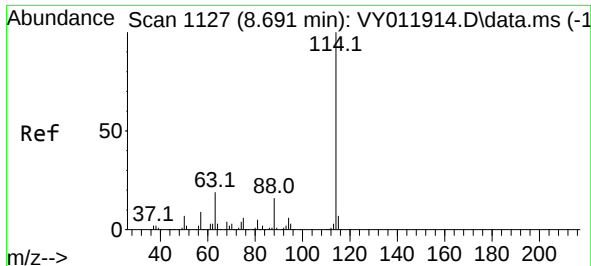
Tgt Ion:168 Resp: 162642
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 68.903 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

Tgt Ion: 65 Resp: 112904
Ion Ratio Lower Upper
65 100
67 50.4 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: VY012042.D

Acq: 03 Jan 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-15

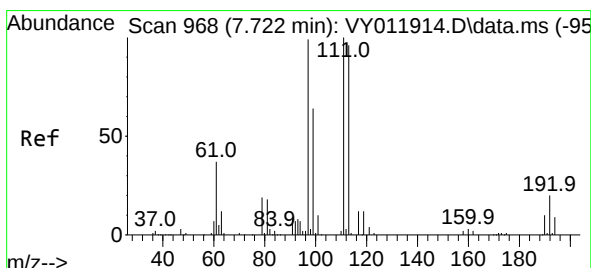
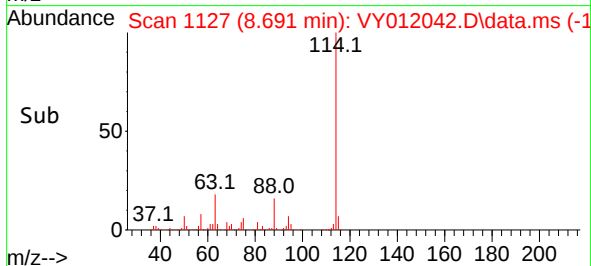
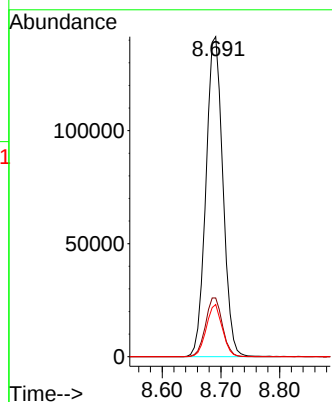
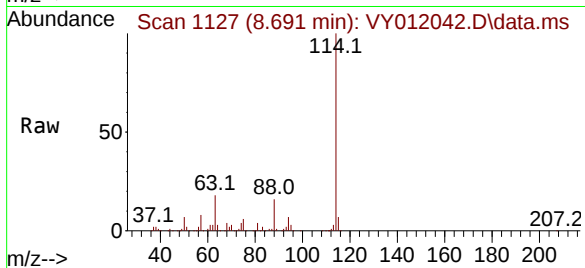
Tgt Ion:114 Resp: 283202

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.720 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012042.D

Acq: 03 Jan 2023 13:24

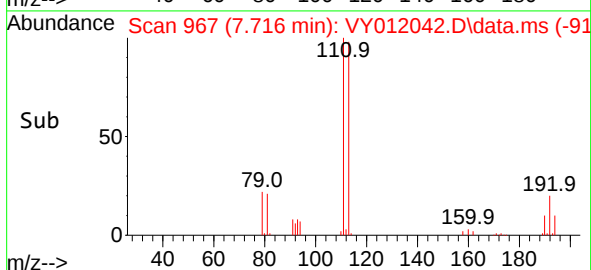
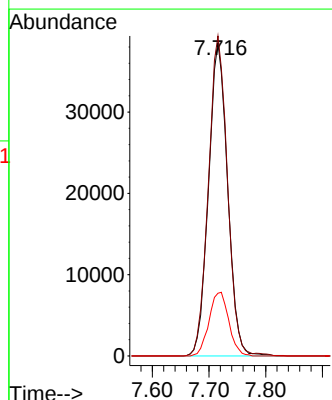
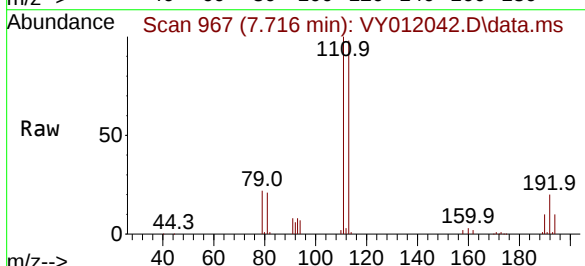
Tgt Ion:113 Resp: 89886

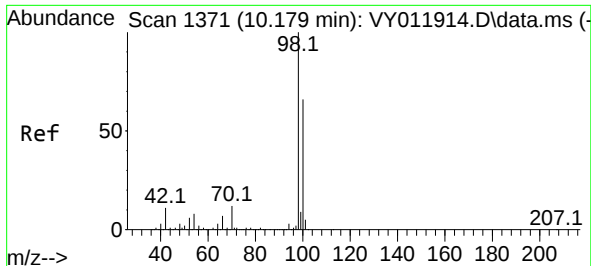
Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

192 21.1 16.0 24.0

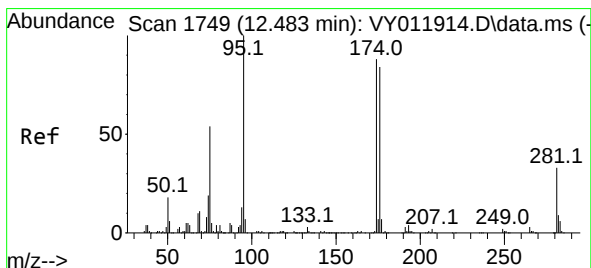
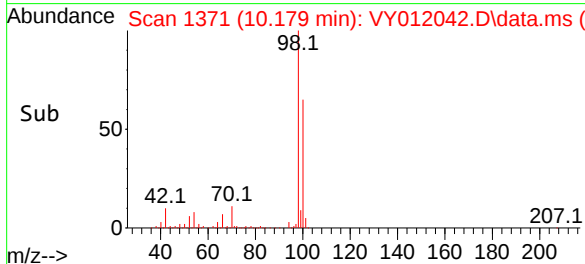
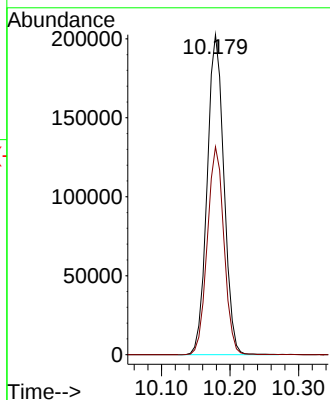
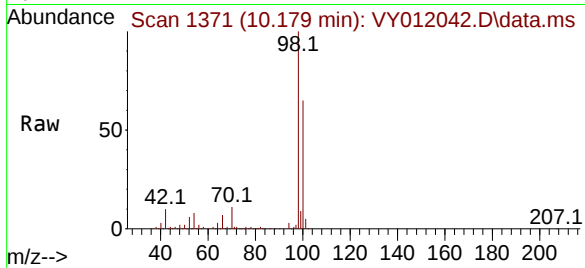




#50
Toluene-d8
Concen: 49.778 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

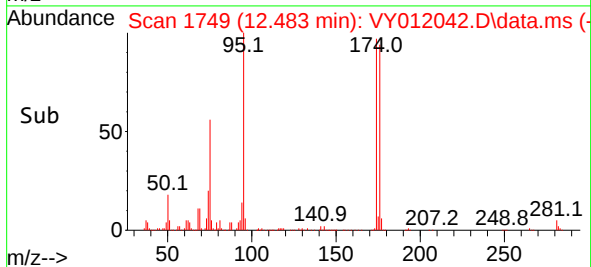
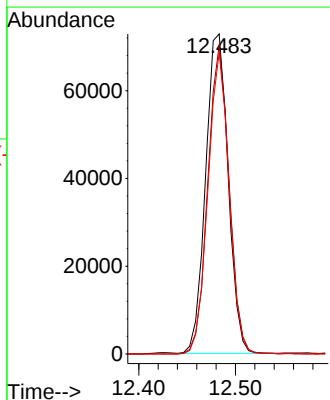
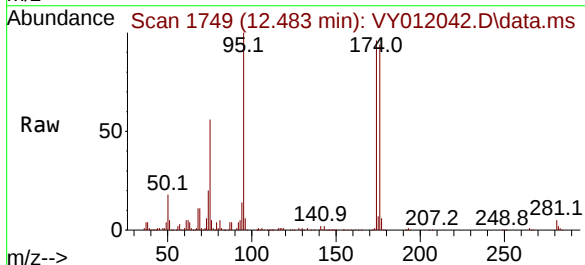
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

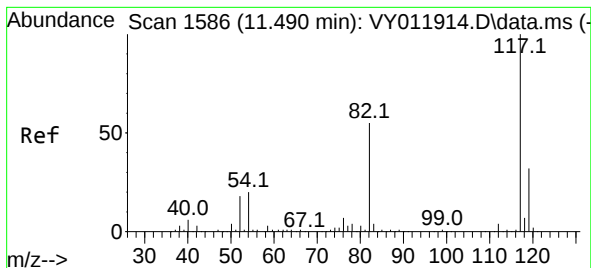
Tgt Ion: 98 Resp: 344334
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.568 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012042.D
Acq: 03 Jan 2023 13:24

Tgt Ion: 95 Resp: 117645
Ion Ratio Lower Upper
95 100
174 91.4 0.0 172.0
176 88.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012042.D

Acq: 03 Jan 2023 13:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-15

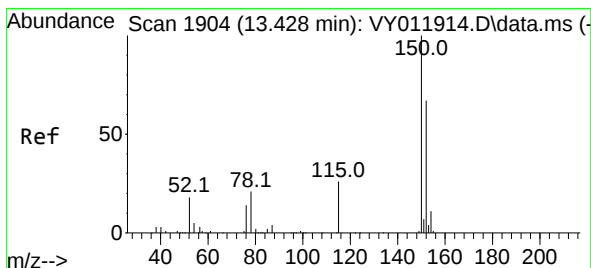
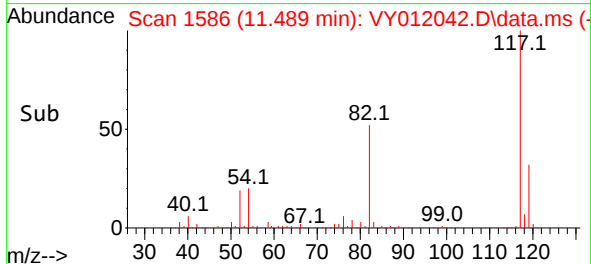
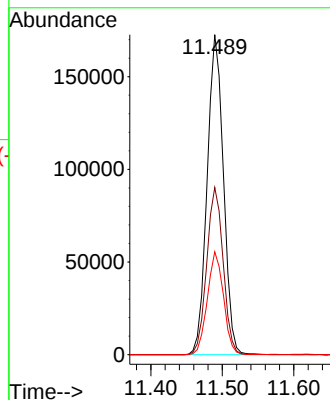
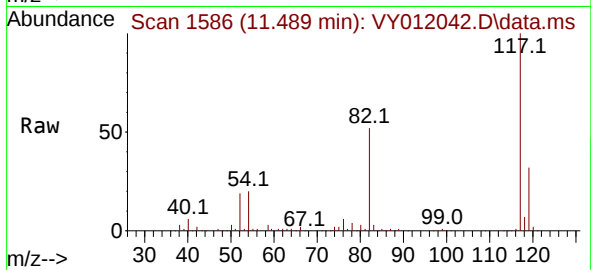
Tgt Ion:117 Resp: 273648

Ion Ratio Lower Upper

117 100

82 52.3 44.8 67.2

119 32.2 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: VY012042.D

Acq: 03 Jan 2023 13:24

Tgt Ion:152 Resp: 133025

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

150 155.9 0.0 342.6

