

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010940.D
 Acq On : 12 Oct 2022 14:32
 Operator : KP/MD
 Sample : N5082-01
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FLORENCE-COMP-1-FLORENCE-VOC-1

Quant Time: Oct 13 05:35:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	232082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	407687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155891	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141148	60.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.000%
35) Dibromofluoromethane	7.716	113	142357	52.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.179	98	507813	54.869	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.740%
62) 4-Bromofluorobenzene	12.483	95	161562	44.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.520%

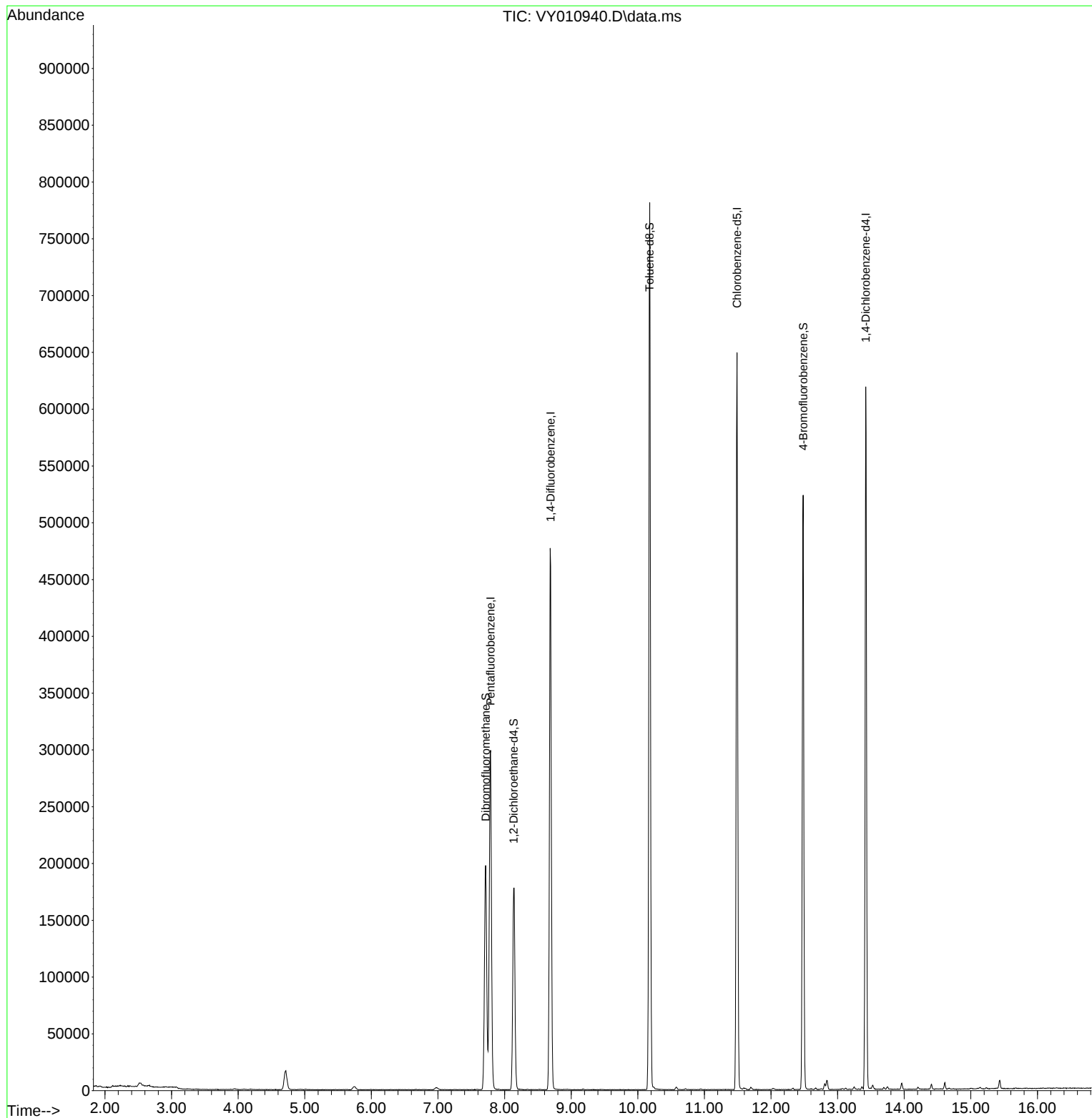
Target Compounds	Qvalue

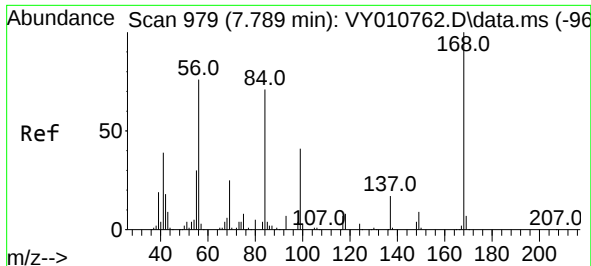
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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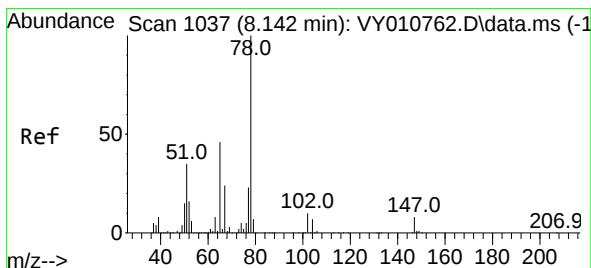
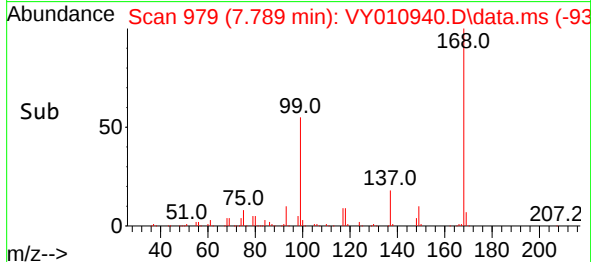
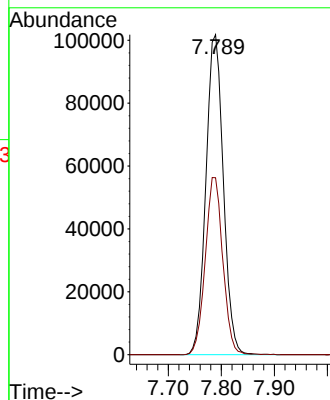
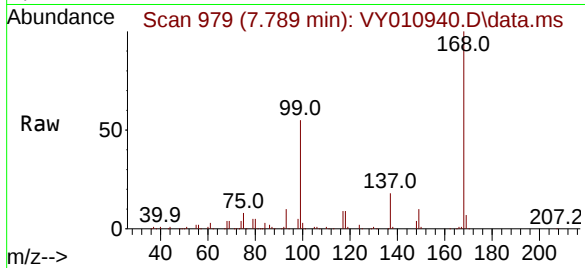




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

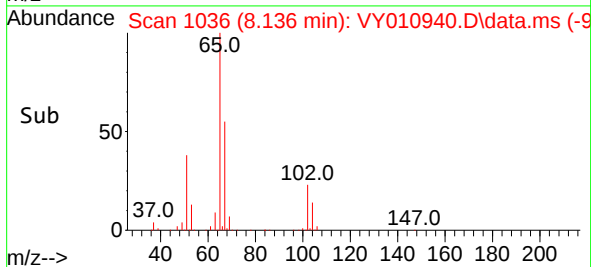
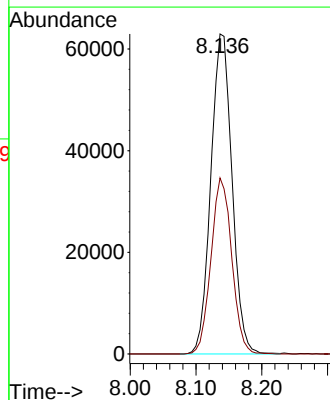
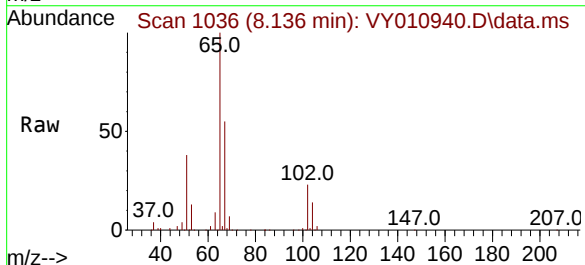
Instrument :
MSVOA_Y
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

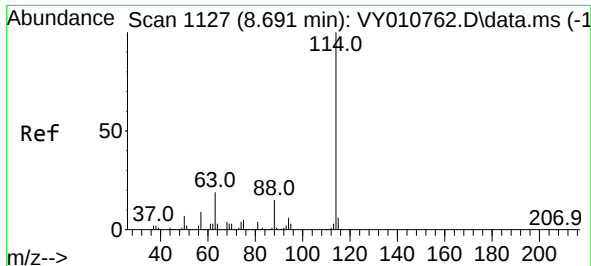
Tgt Ion:168 Resp: 232082
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.001 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

Tgt Ion: 65 Resp: 141148
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010940.D

Acq: 12 Oct 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :

FLORENCE-COMP-1-FLORENCE-VOC-1

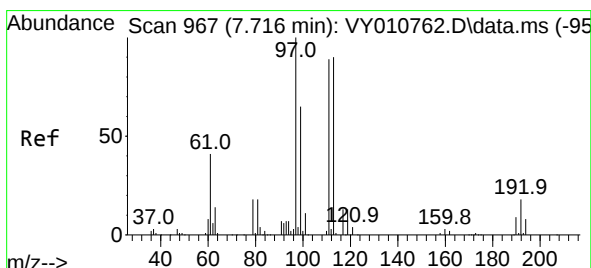
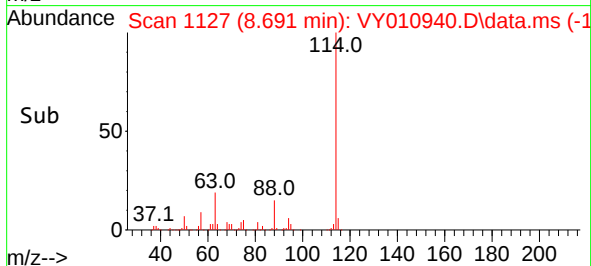
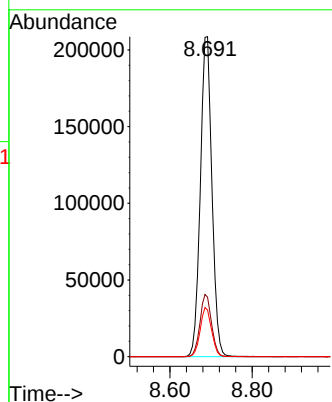
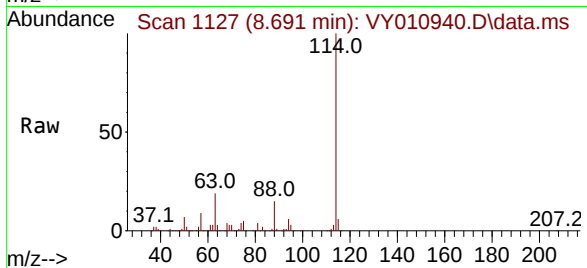
Tgt Ion:114 Resp: 407687

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.603 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010940.D

Acq: 12 Oct 2022 14:32

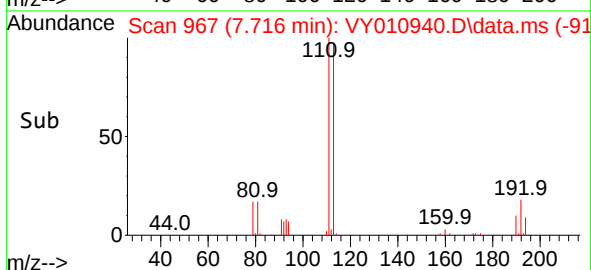
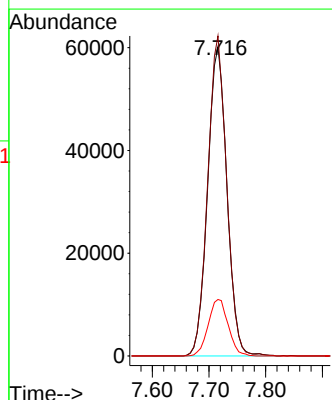
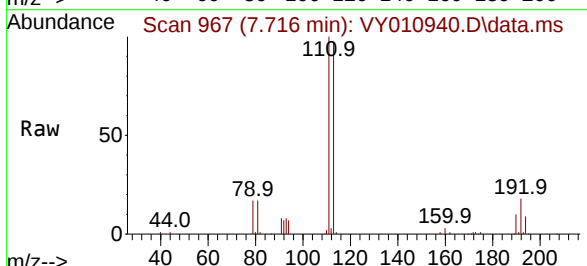
Tgt Ion:113 Resp: 142357

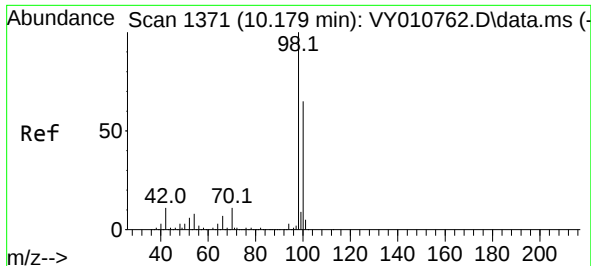
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.9 17.6 26.4

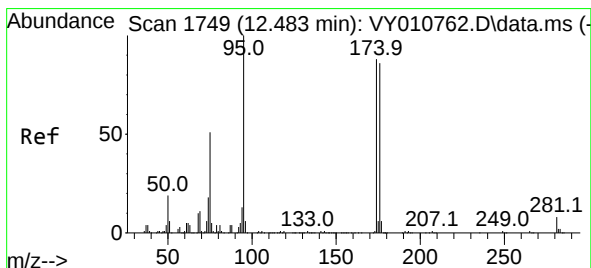
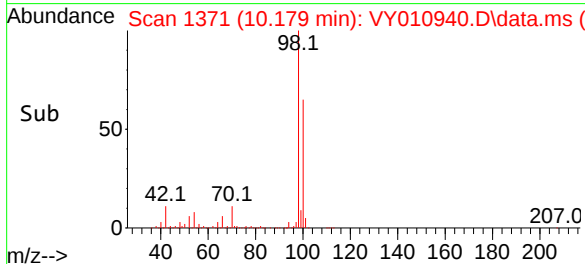
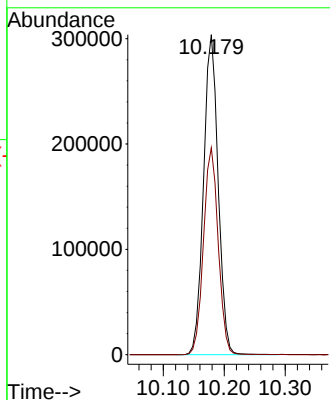
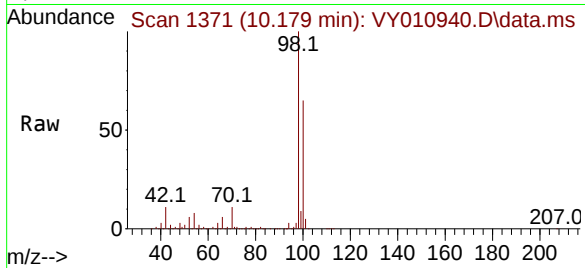




#50
Toluene-d8
Concen: 54.869 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

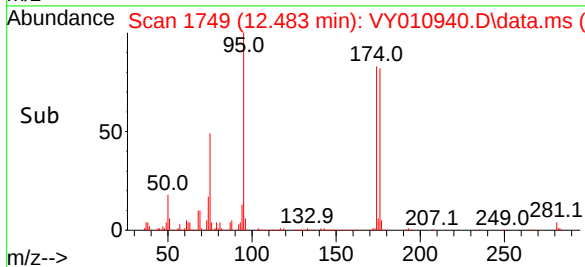
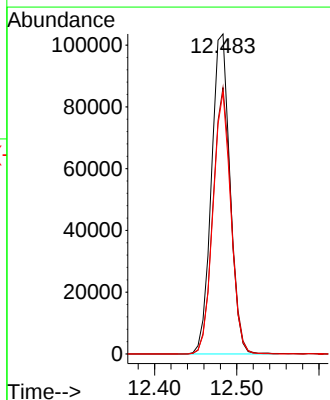
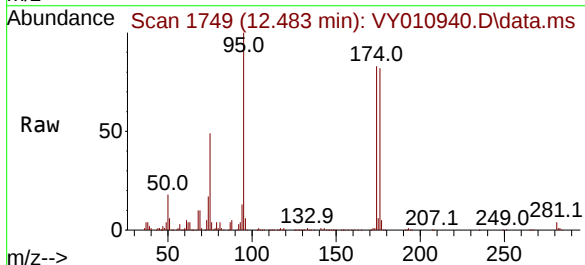
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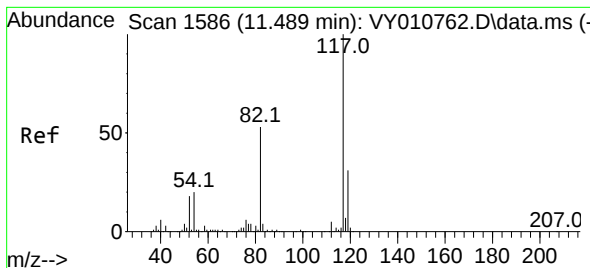
Tgt Ion: 98 Resp: 507813
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.260 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010940.D
Acq: 12 Oct 2022 14:32

Tgt Ion: 95 Resp: 161562
Ion Ratio Lower Upper
95 100
174 81.9 0.0 177.0
176 78.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010940.D

Acq: 12 Oct 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :

FLORENCE-COMP-1-FLORENCE-VOC-1

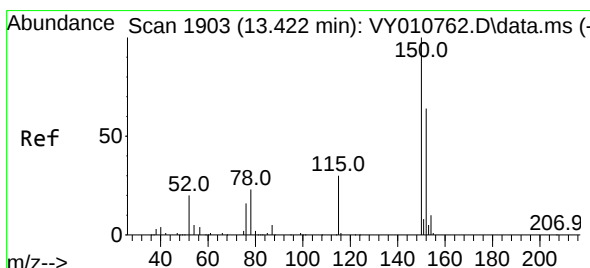
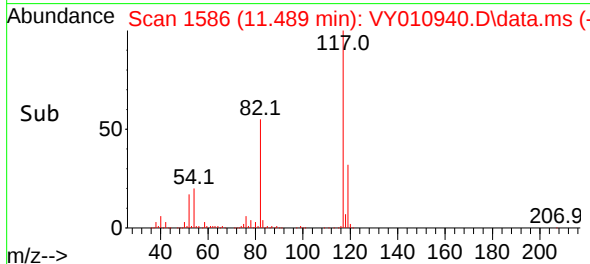
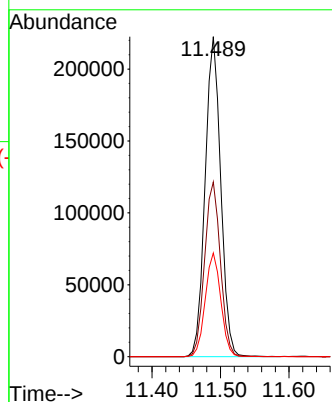
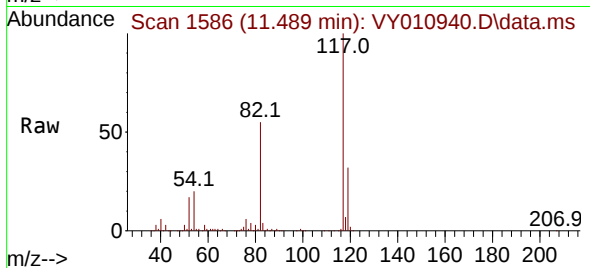
Tgt Ion:117 Resp: 352851

Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.4

119 32.4 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: VY010940.D

Acq: 12 Oct 2022 14:32

Tgt Ion:152 Resp: 155891

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 157.8 0.0 347.6

