

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102023\
 Data File : VY016061.D
 Acq On : 20 Oct 2023 13:10
 Operator : SY/MD
 Sample : 04843-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

Quant Time: Oct 20 23:06:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	26008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	27753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6847	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11039	37.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.680%
35) Dibromofluoromethane	7.716	113	11692	45.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.640%
50) Toluene-d8	10.185	98	42975	46.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.740%
62) 4-Bromofluorobenzene	12.489	95	9234	27.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.840%

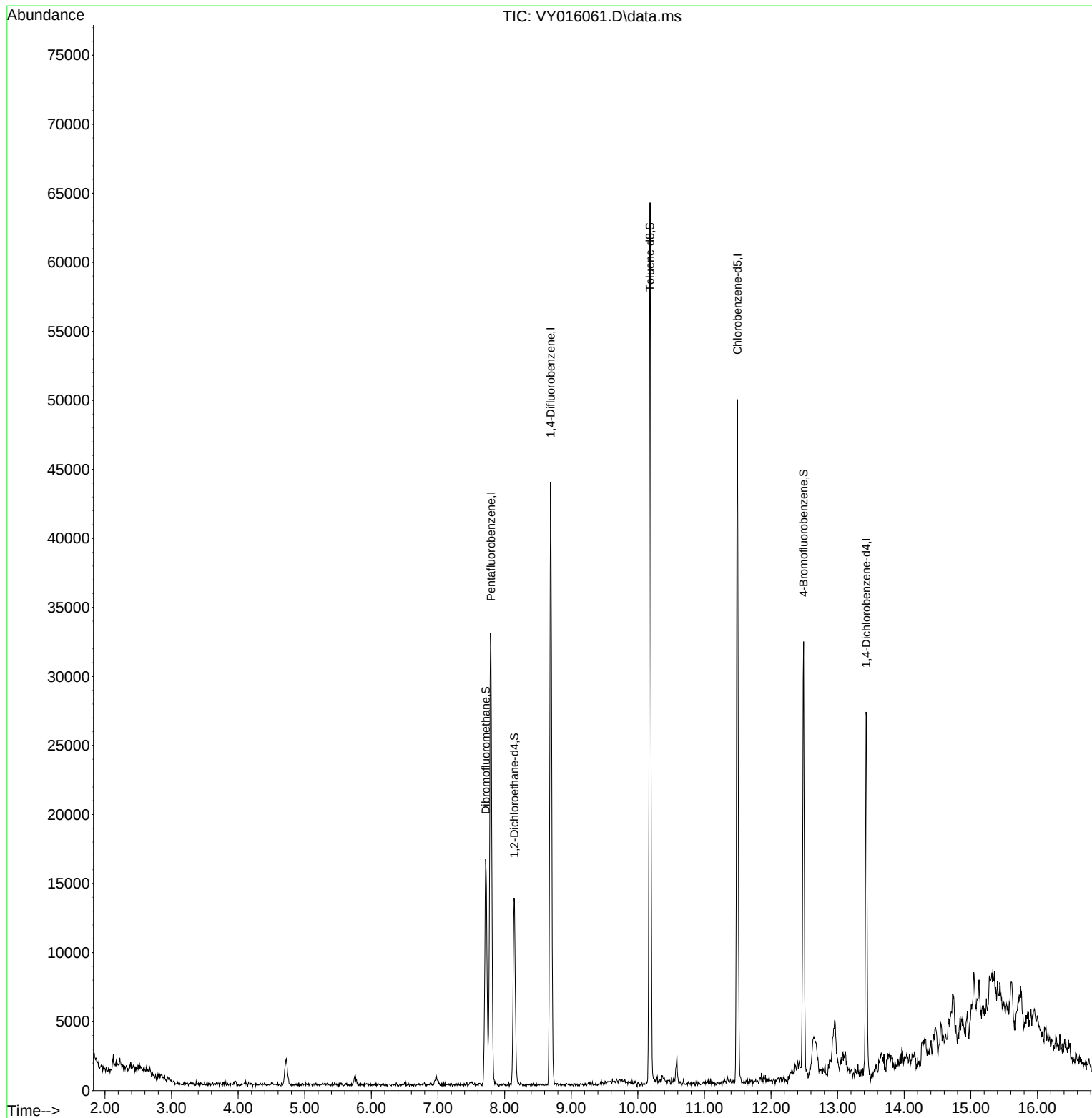
Target Compounds	Qvalue

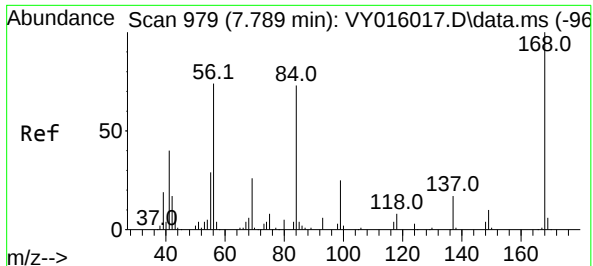
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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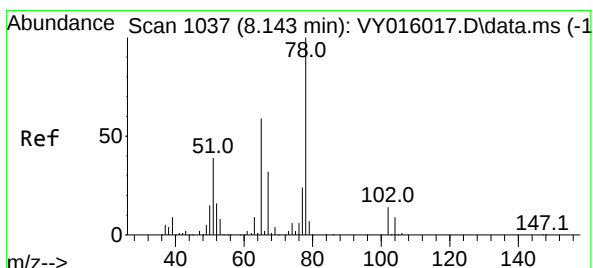
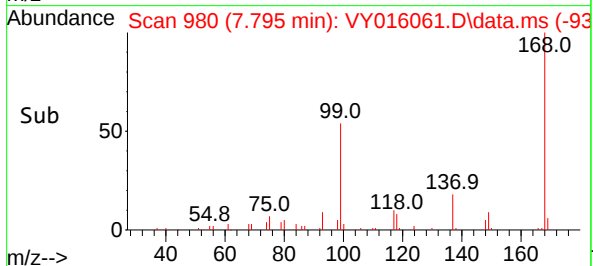
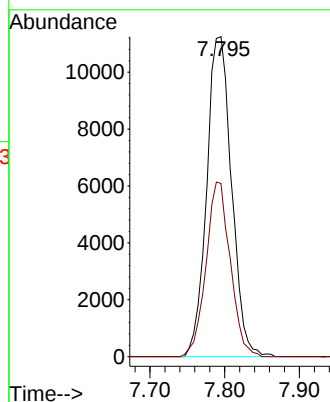
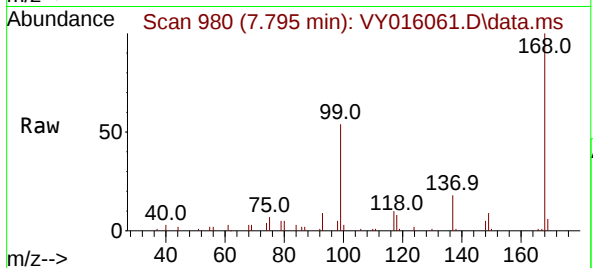




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

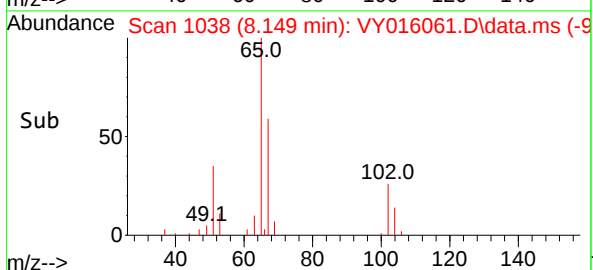
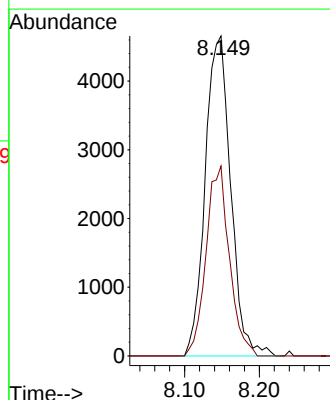
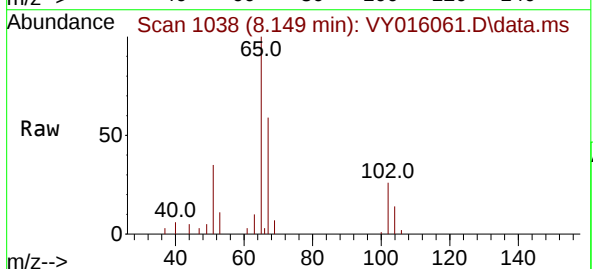
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

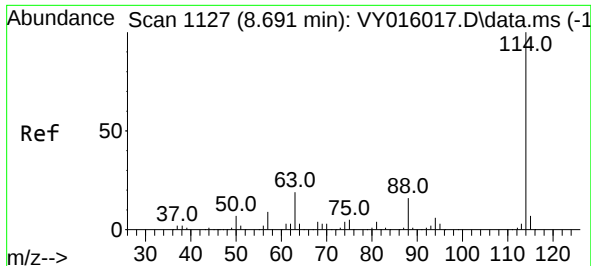
Tgt Ion:168 Resp: 26008
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 37.344 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

Tgt Ion: 65 Resp: 11039
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016061.D

Acq: 20 Oct 2023 13:10

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

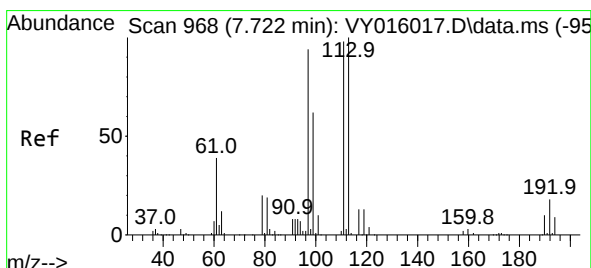
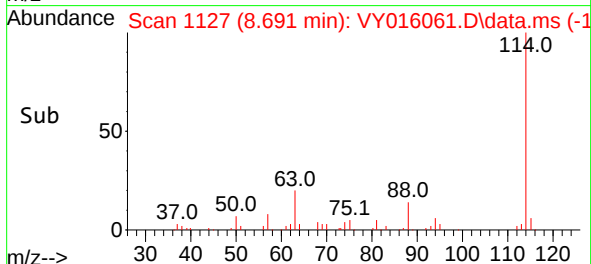
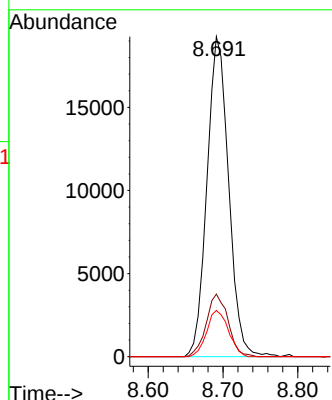
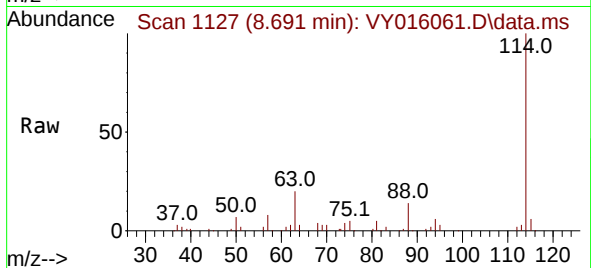
Tgt Ion:114 Resp: 38771

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.816 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY016061.D

Acq: 20 Oct 2023 13:10

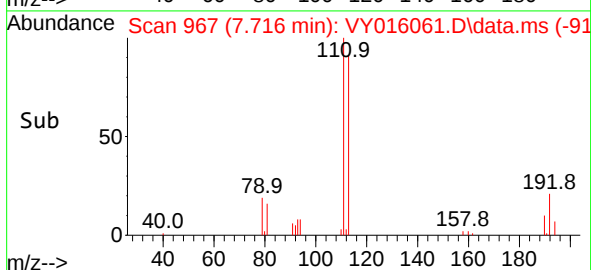
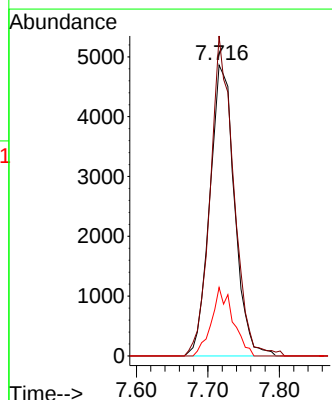
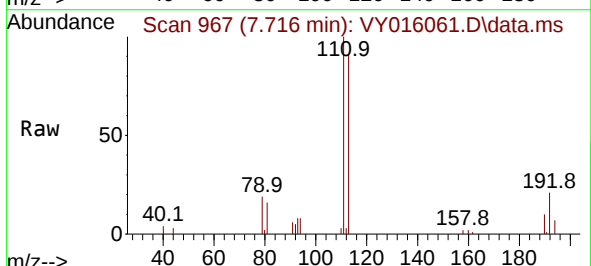
Tgt Ion:113 Resp: 11692

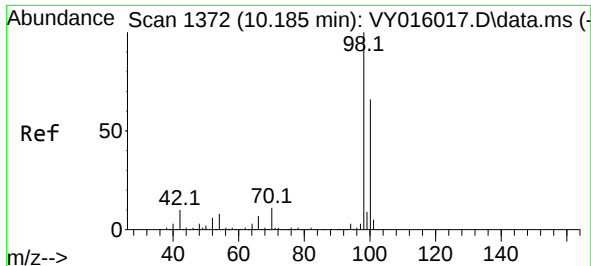
Ion Ratio Lower Upper

113 100

111 104.4 81.3 121.9

192 20.5 16.9 25.3

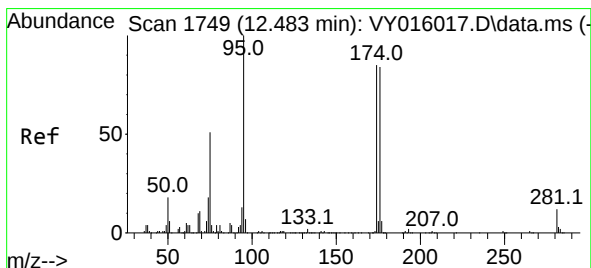
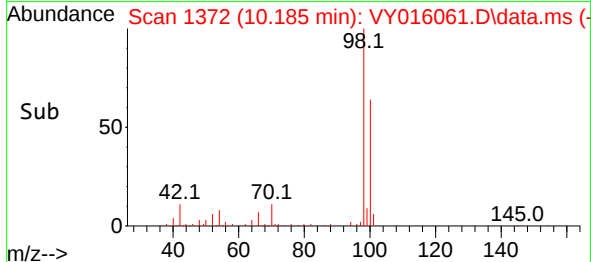
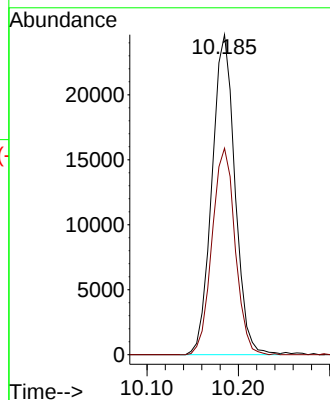
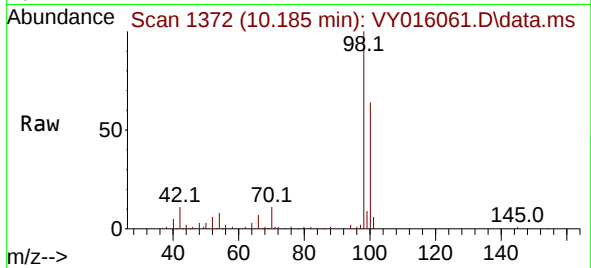




#50
Toluene-d8
Concen: 46.368 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

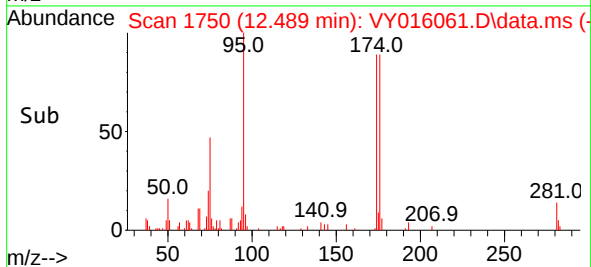
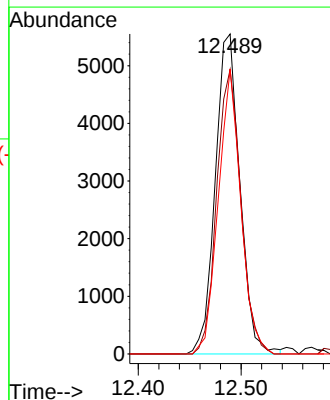
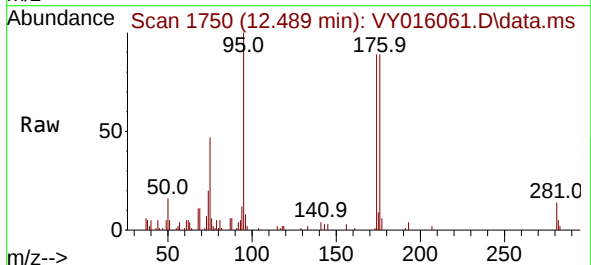
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

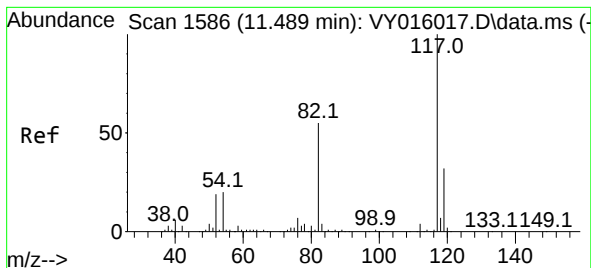
Tgt Ion: 98 Resp: 42975
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 27.922 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY016061.D
Acq: 20 Oct 2023 13:10

Tgt Ion: 95 Resp: 9234
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016061.D

Acq: 20 Oct 2023 13:10

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

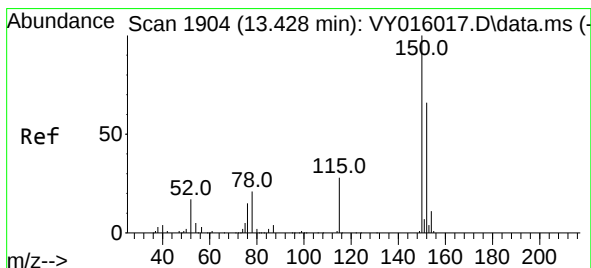
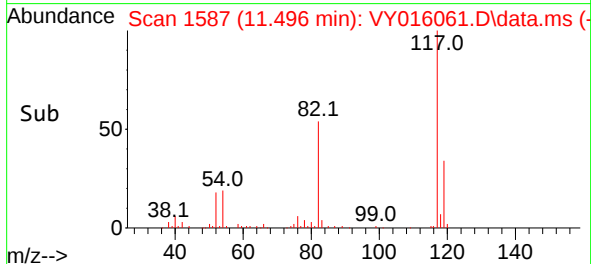
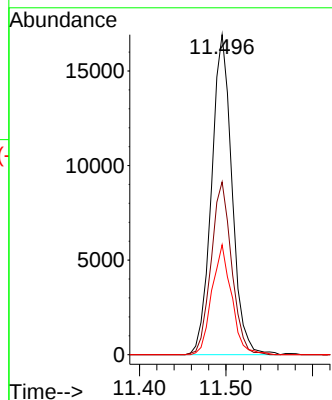
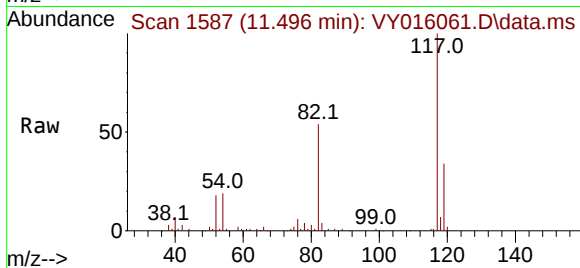
Tgt Ion:117 Resp: 27753

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 34.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY016061.D

Acq: 20 Oct 2023 13:10

Tgt Ion:152 Resp: 6847

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 164.5 0.0 348.8

