

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016100.D
 Acq On : 27 Oct 2023 13:13
 Operator : SY/MD
 Sample : 05062-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-102523

Quant Time: Oct 30 06:07:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	97432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53754	55.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.960%
35) Dibromofluoromethane	7.722	113	54228	52.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.620%
50) Toluene-d8	10.185	98	189947	49.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.483	95	58849	44.675	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.340%

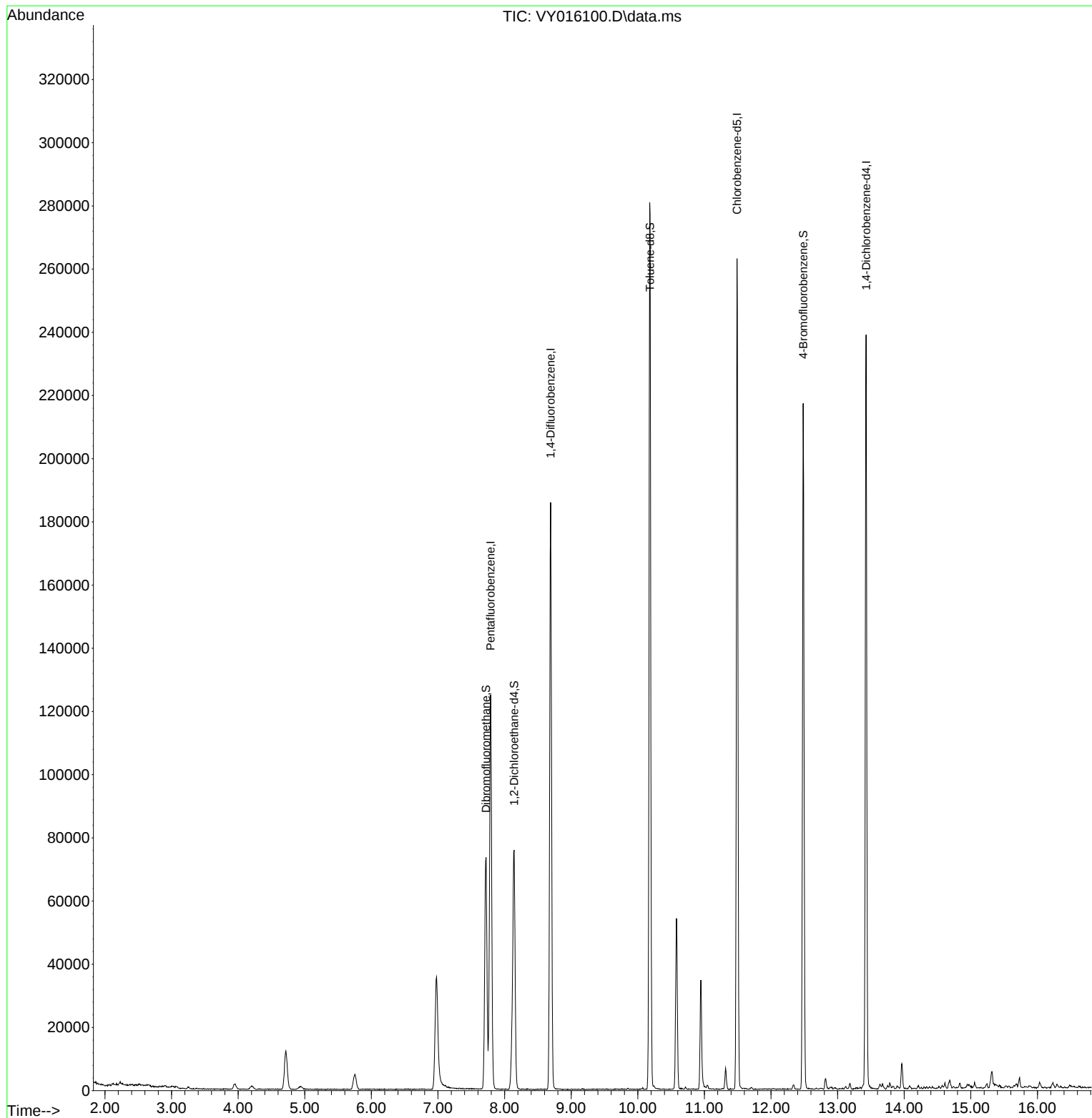
Target Compounds	Qvalue

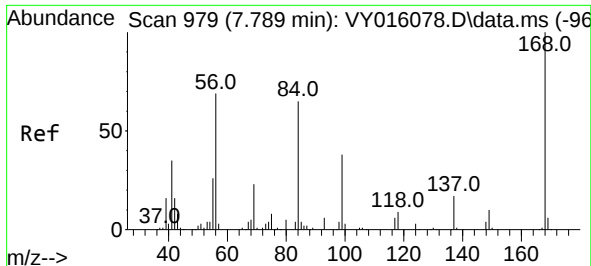
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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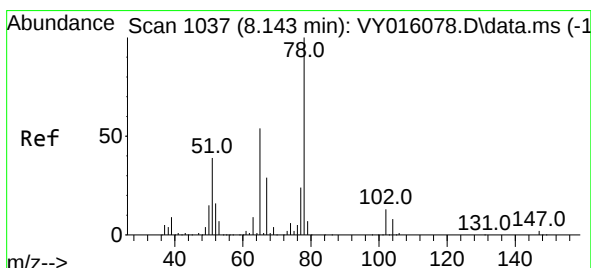
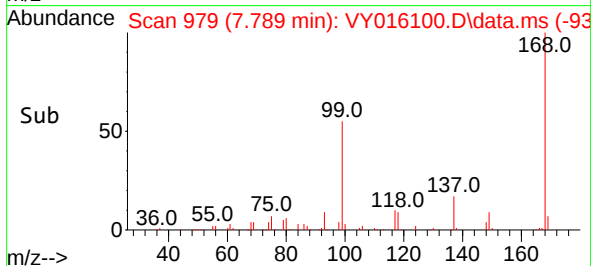
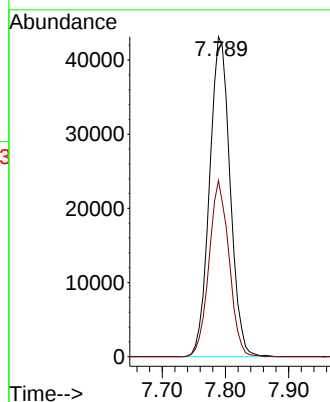
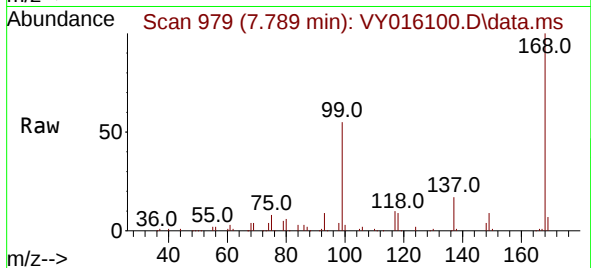




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

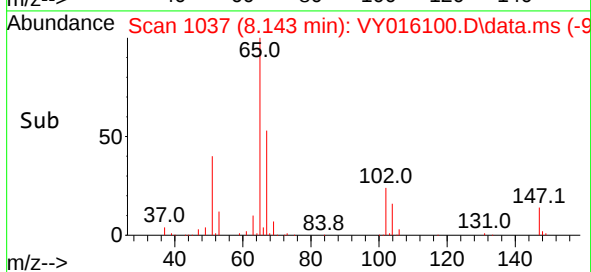
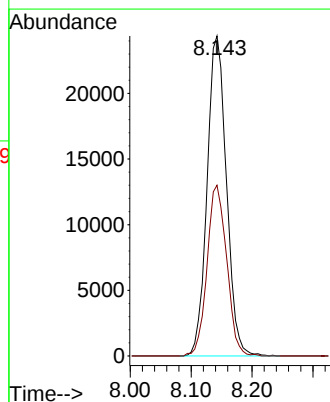
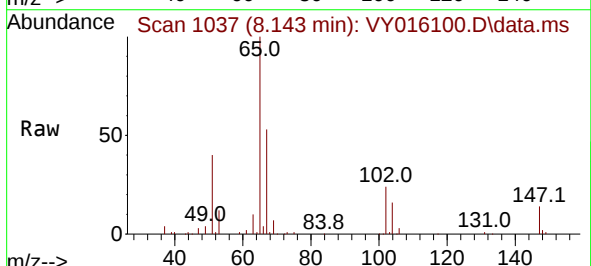
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-102523

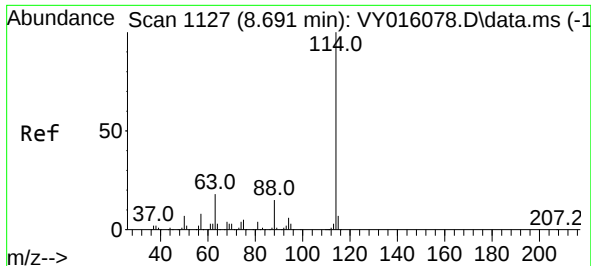
Tgt Ion:168 Resp: 97432
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.484 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016100.D
Acq: 27 Oct 2023 13:13

Tgt Ion: 65 Resp: 53754
Ion Ratio Lower Upper
65 100
67 54.1 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: VY016100.D

Acq: 27 Oct 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-102523

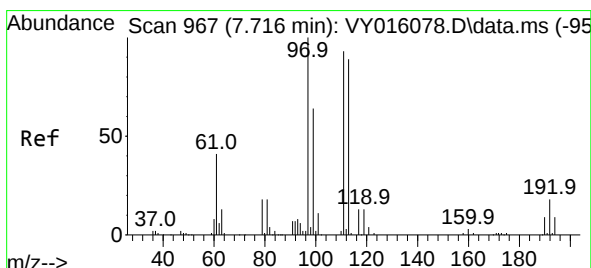
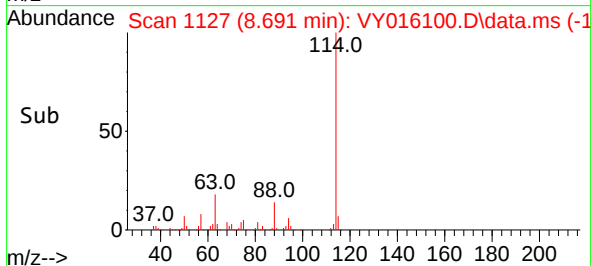
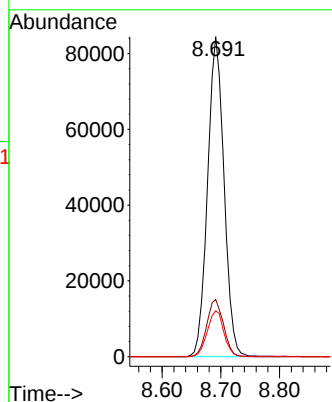
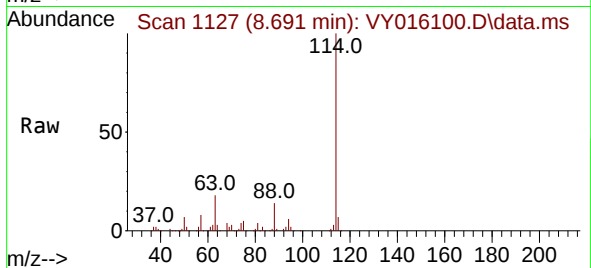
Tgt Ion:114 Resp: 164221

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.307 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

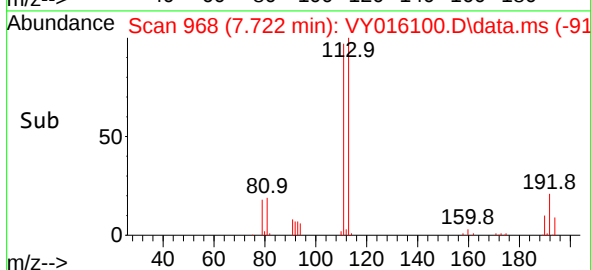
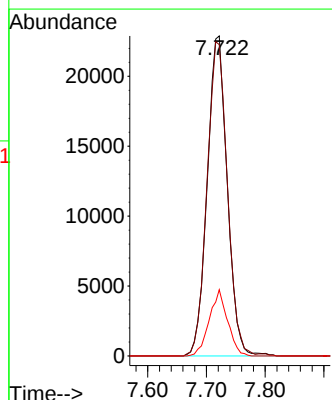
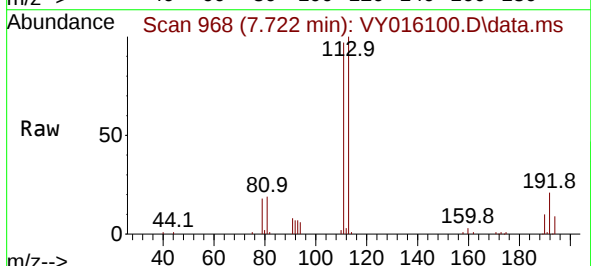
Tgt Ion:113 Resp: 54228

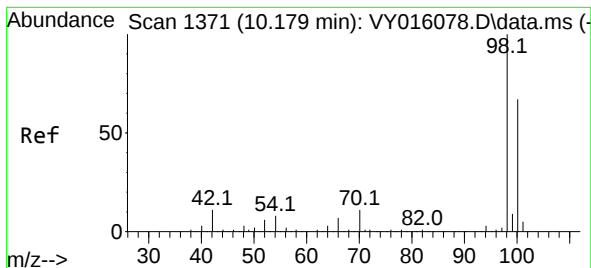
Ion Ratio Lower Upper

113 100

111 100.0 81.3 121.9

192 18.9 16.9 25.3





#50

Toluene-d8

Concen: 49.463 ug/l

RT: 10.185 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

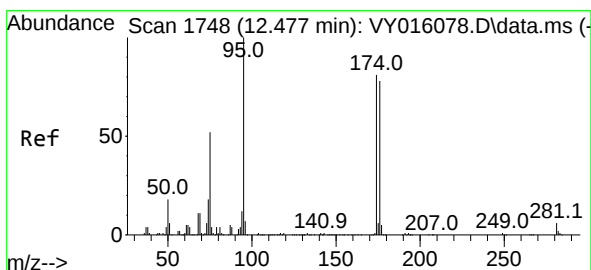
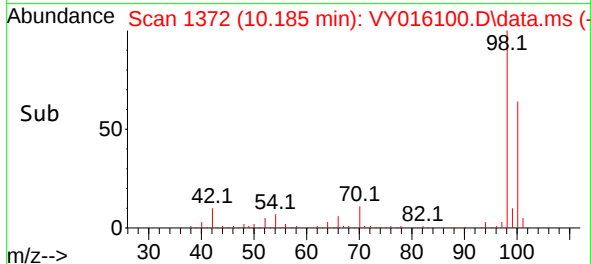
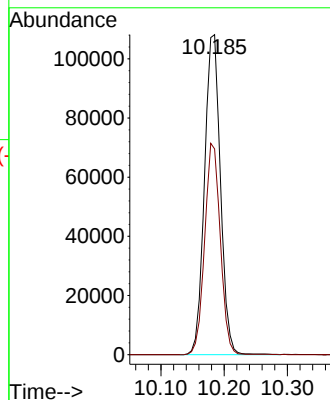
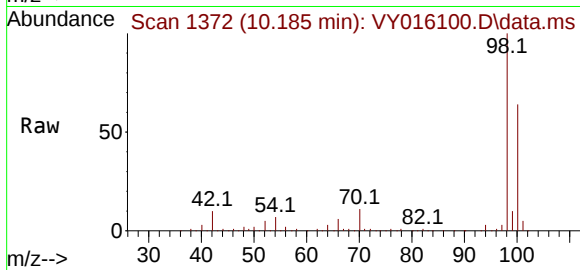
NB-07-102523

Tgt Ion: 98 Resp: 189947

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.675 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

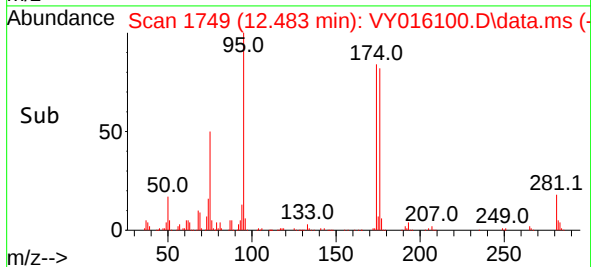
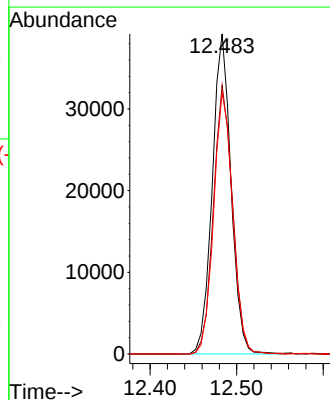
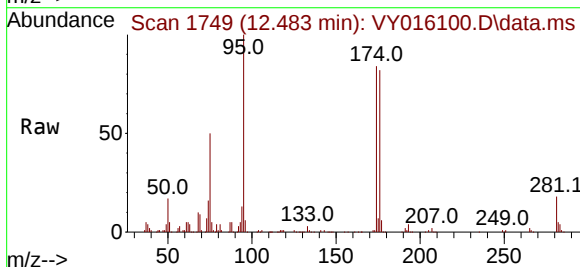
Tgt Ion: 95 Resp: 58849

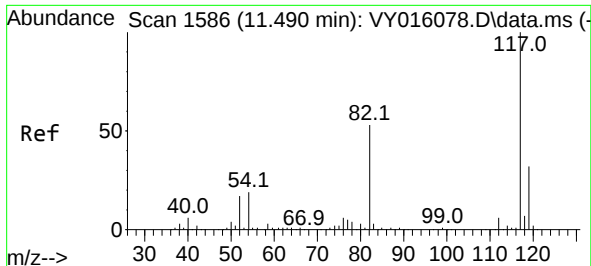
Ion Ratio Lower Upper

95 100

174 85.8 0.0 178.2

176 83.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-102523

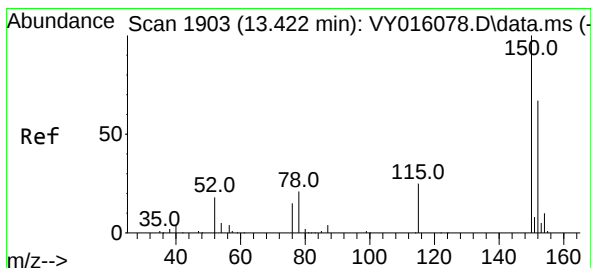
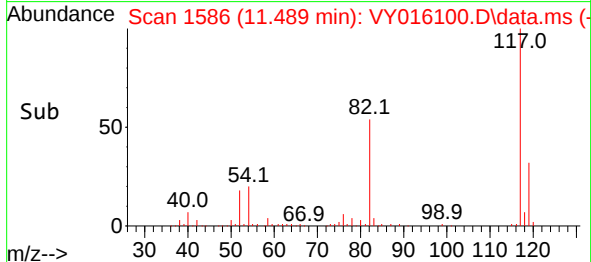
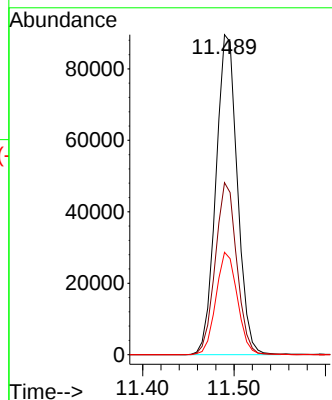
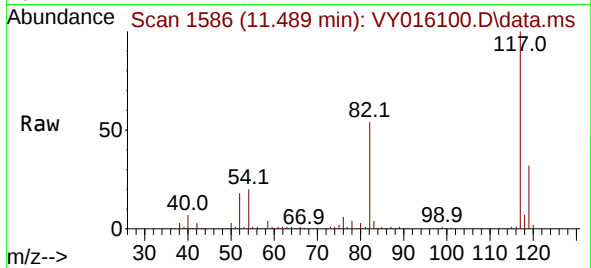
Tgt Ion:117 Resp: 146165

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016100.D

Acq: 27 Oct 2023 13:13

Tgt Ion:152 Resp: 62896

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 155.4 0.0 348.8

