

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015582.D
 Acq On : 15 Sep 2023 20:10
 Operator : SY/MD
 Sample : 04407-06
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 306-TP-2-(12-13)

Quant Time: Sep 15 23:01:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	326410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	546636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	467019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	187214	53.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.000%
35) Dibromofluoromethane	7.716	113	168330	53.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.920%
50) Toluene-d8	10.179	98	631938	55.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.840%
62) 4-Bromofluorobenzene	12.483	95	191818	45.317	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.640%

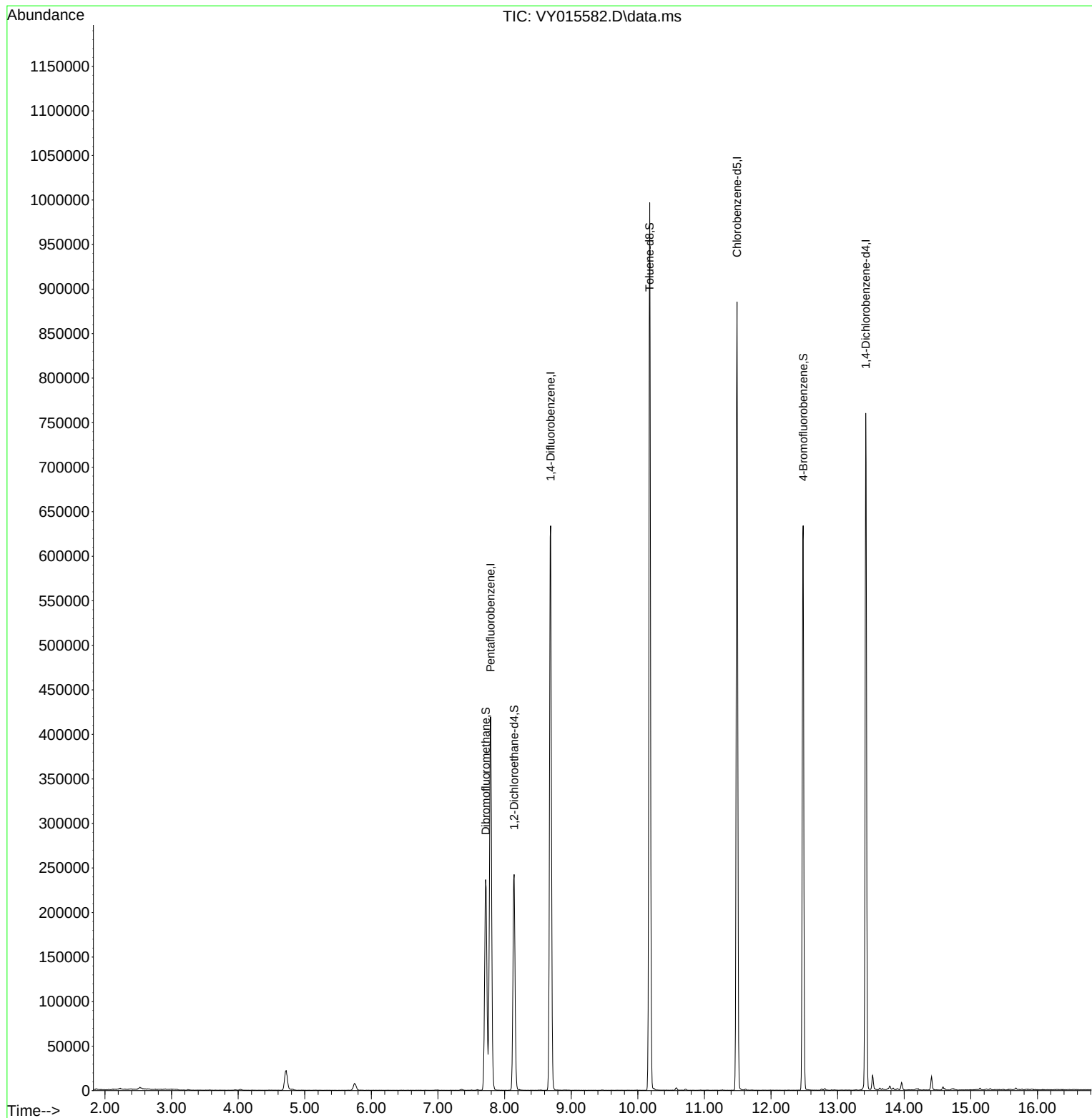
Target Compounds	Qvalue

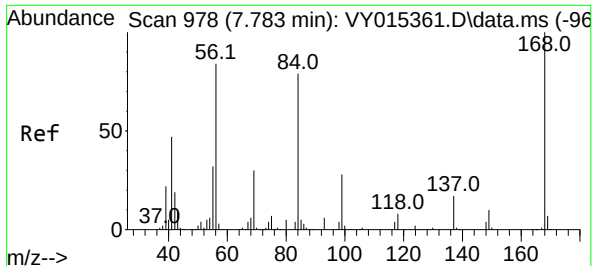
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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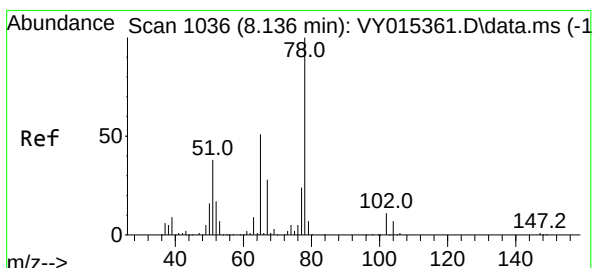
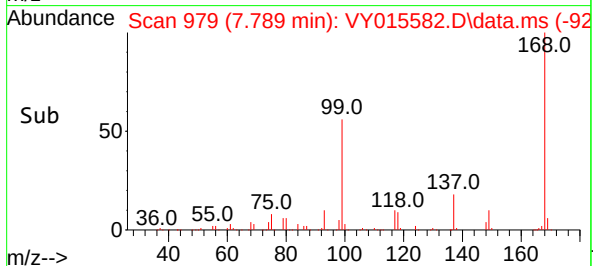
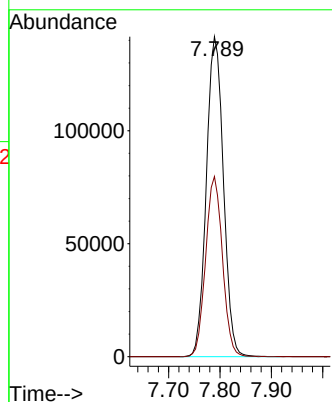
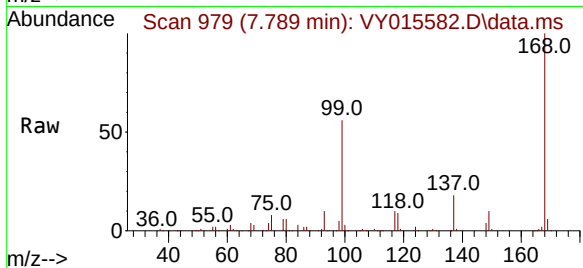




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

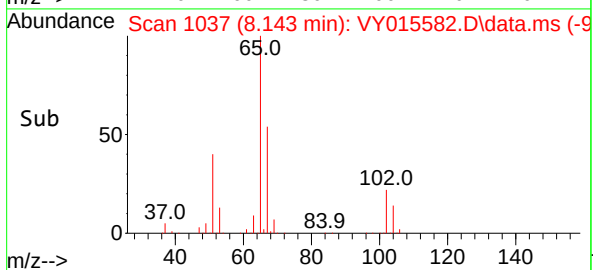
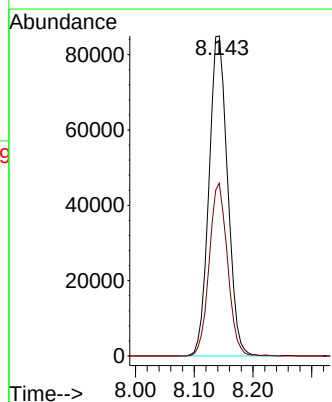
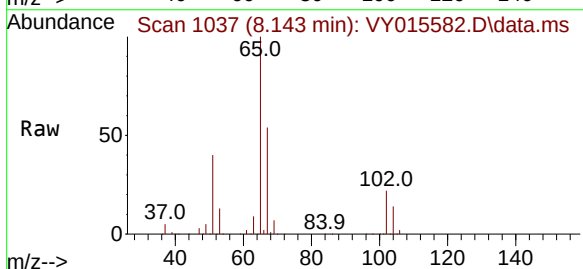
Instrument :
MSVOA_Y
ClientSampleId :
306-TP-2-(12-13)

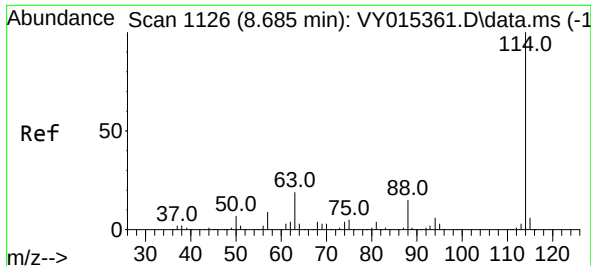
Tgt Ion:168 Resp: 326410
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.504 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

Tgt Ion: 65 Resp: 187214
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015582.D

Acq: 15 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

306-TP-2-(12-13)

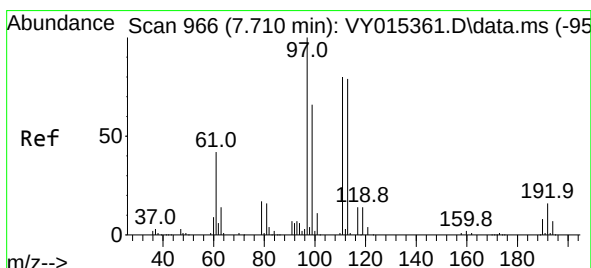
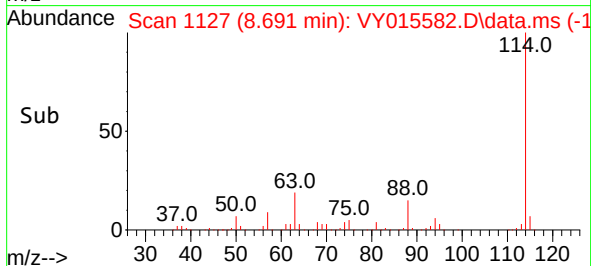
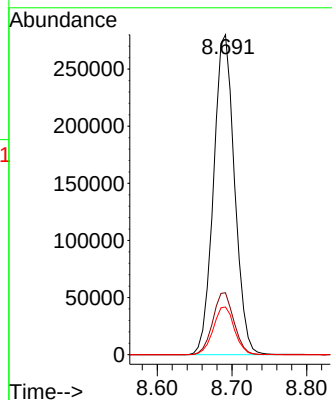
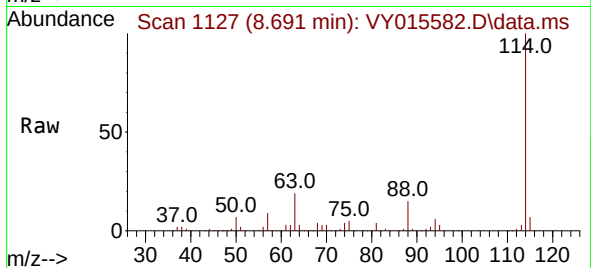
Tgt Ion:114 Resp: 546636

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.463 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015582.D

Acq: 15 Sep 2023 20:10

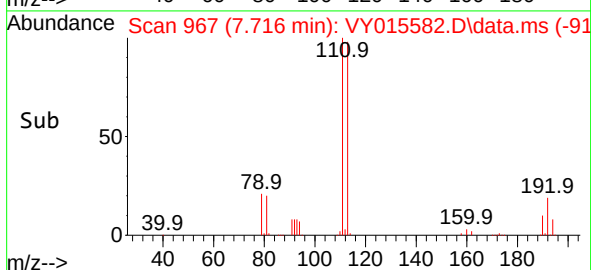
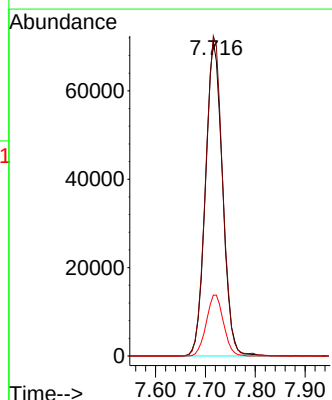
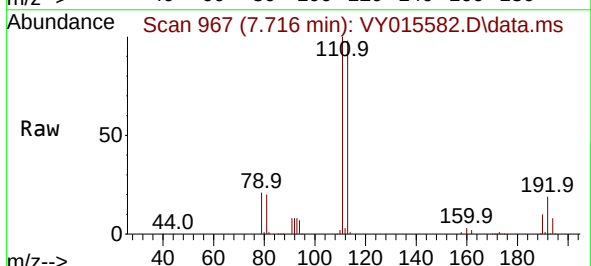
Tgt Ion:113 Resp: 168330

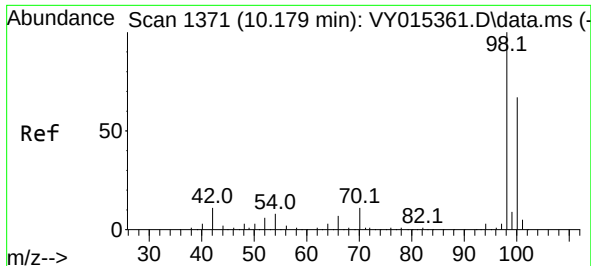
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.6 16.9 25.3

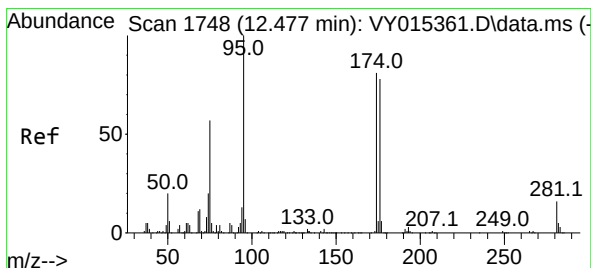
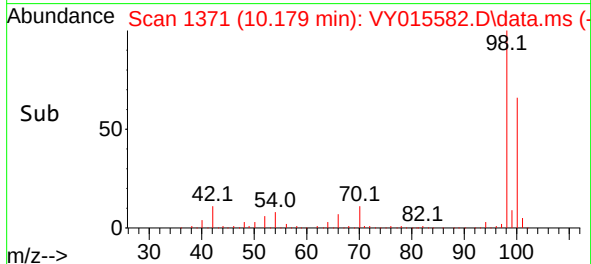
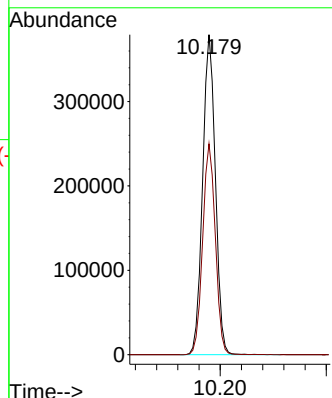
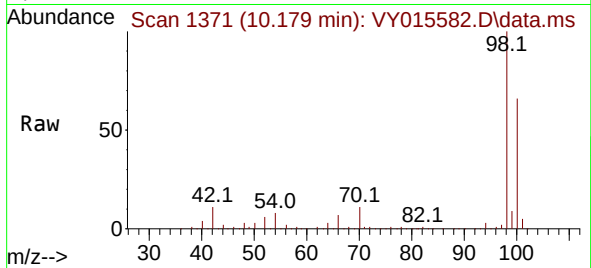




#50
Toluene-d8
Concen: 55.424 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

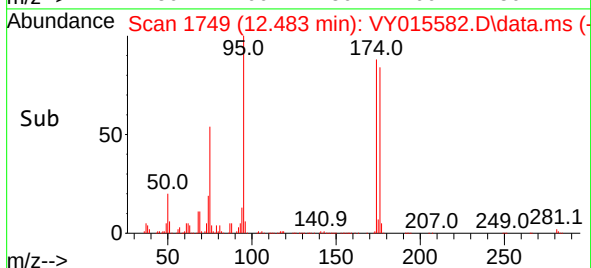
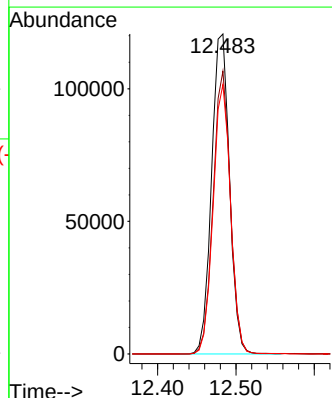
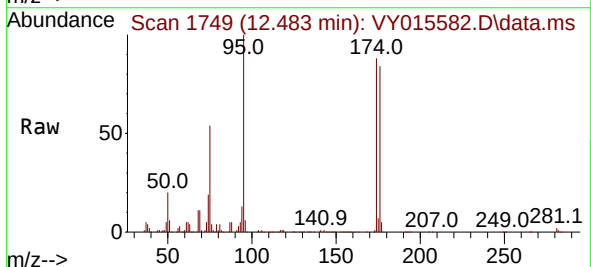
Instrument :
MSVOA_Y
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306-TP-2-(12-13)

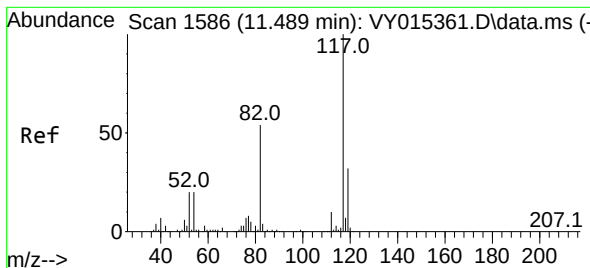
Tgt Ion: 98 Resp: 631938
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.317 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

Tgt Ion: 95 Resp: 191818
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015582.D

Acq: 15 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

306-TP-2-(12-13)

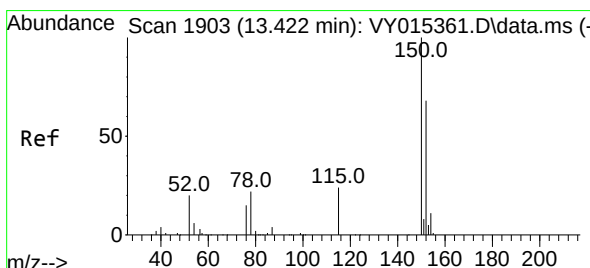
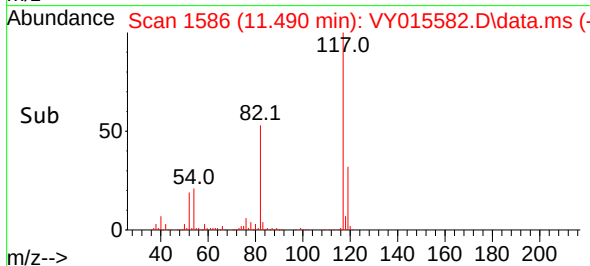
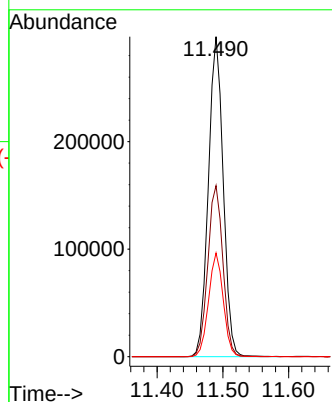
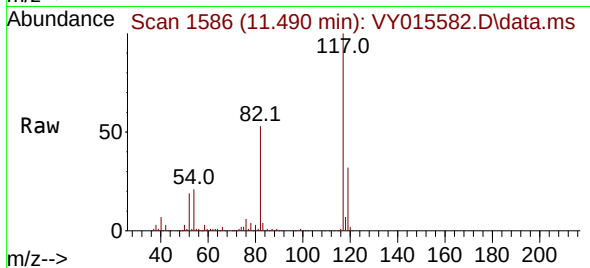
Tgt Ion:117 Resp: 467019

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015582.D

Acq: 15 Sep 2023 20:10

Tgt Ion:152 Resp: 190697

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.7 0.0 348.8

