

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082923\
 Data File : VY015364.D
 Acq On : 29 Aug 2023 19:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 29 22:49:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	137651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	226612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97089	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87084	59.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.040%
35) Dibromofluoromethane	7.716	113	71451	54.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.480%
50) Toluene-d8	10.179	98	266731	56.430	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.860%
62) 4-Bromofluorobenzene	12.477	95	88859	50.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.280%

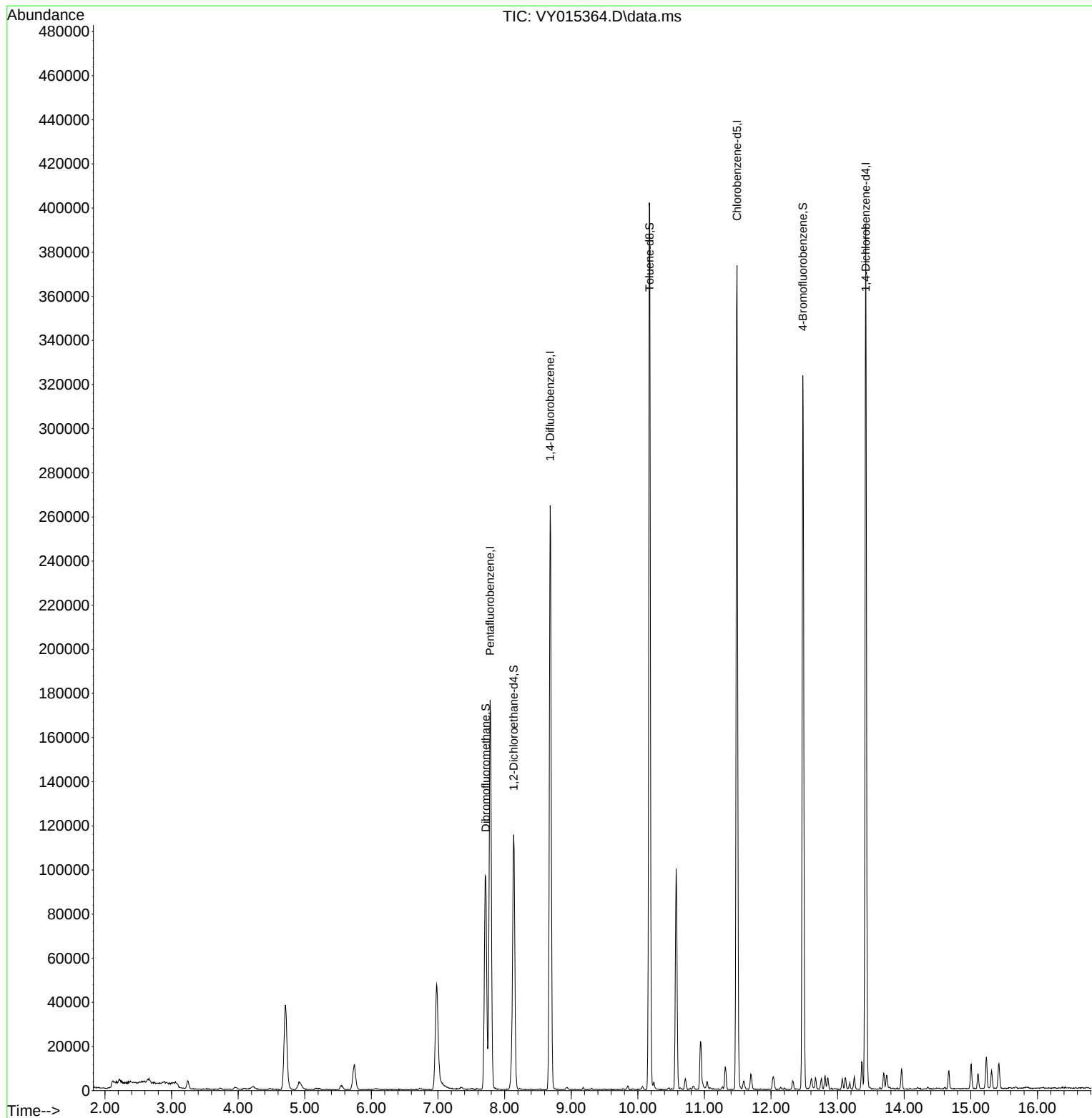
Target Compounds	Qvalue

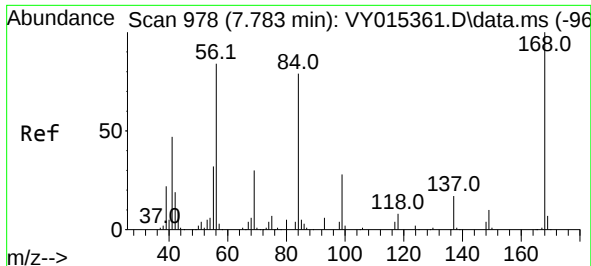
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082923\
Data File : VY015364.D
Acq On : 29 Aug 2023 19:46
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Aug 29 22:49:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
Response via : Initial Calibration

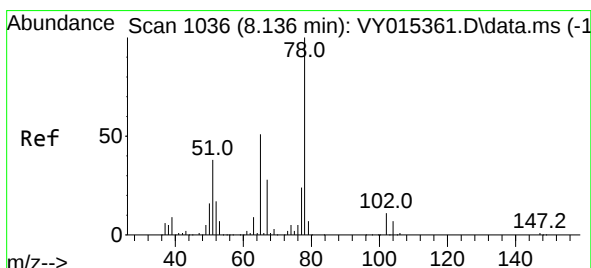
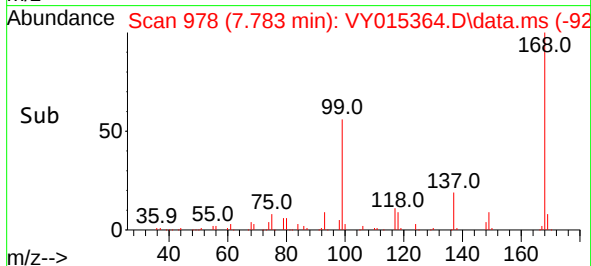
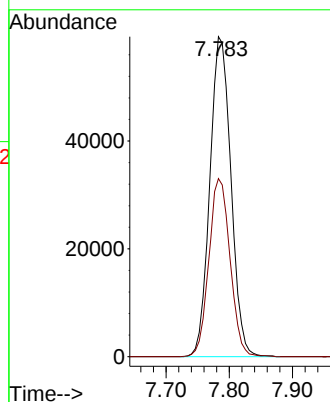
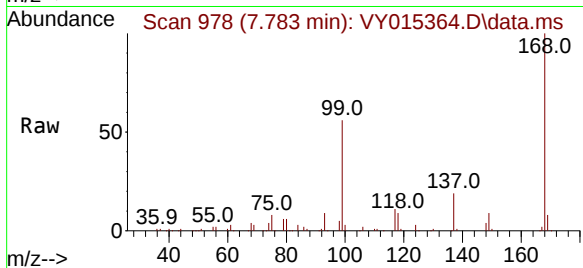




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015364.D
Acq: 29 Aug 2023 19:46

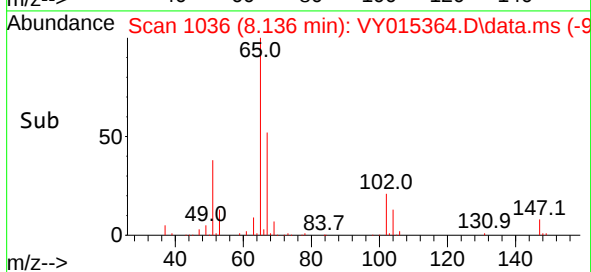
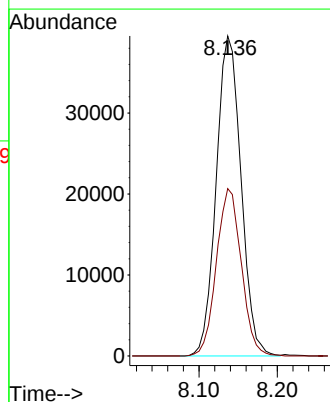
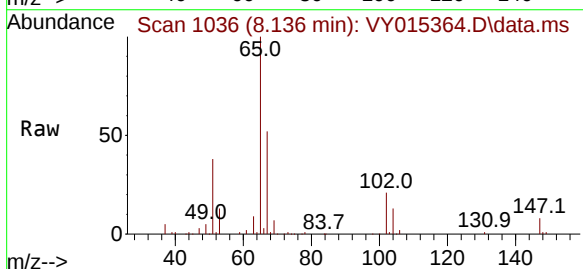
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 137651
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.016 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015364.D
Acq: 29 Aug 2023 19:46

Tgt Ion: 65 Resp: 87084
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

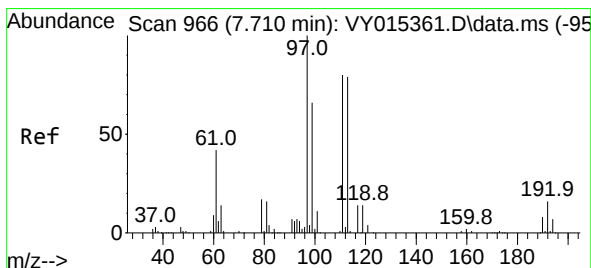
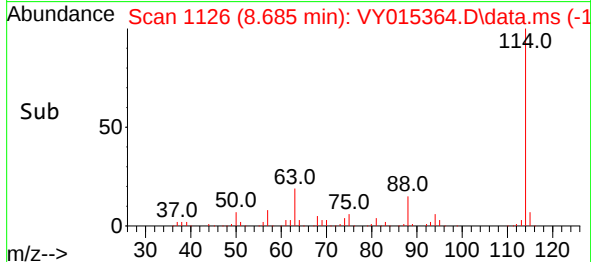
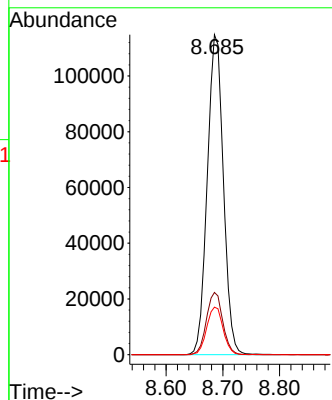
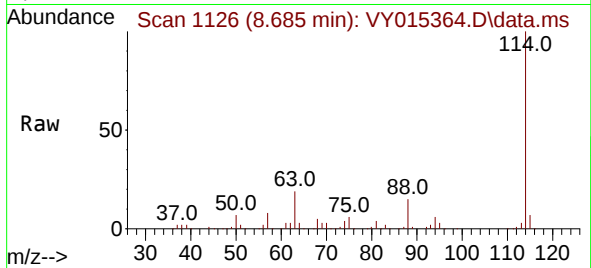




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015364.D
Acq: 29 Aug 2023 19:46

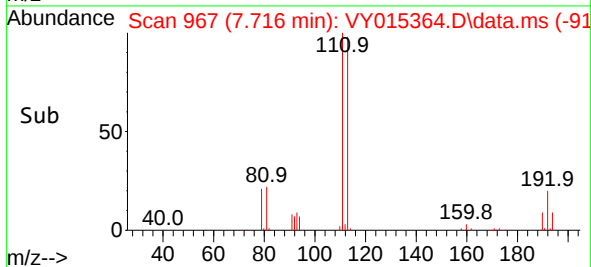
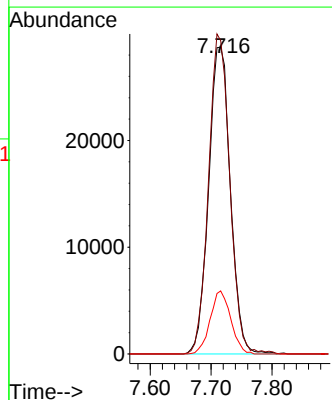
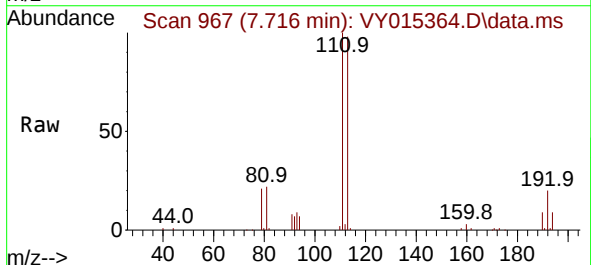
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

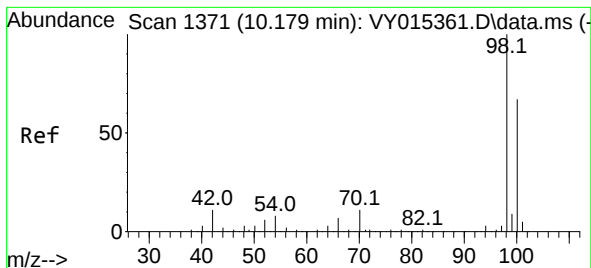
Tgt Ion:114 Resp: 226612
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.742 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015364.D
Acq: 29 Aug 2023 19:46

Tgt Ion:113 Resp: 71451
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.4 16.9 25.3





#50

Toluene-d8

Concen: 56.430 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015364.D

Acq: 29 Aug 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

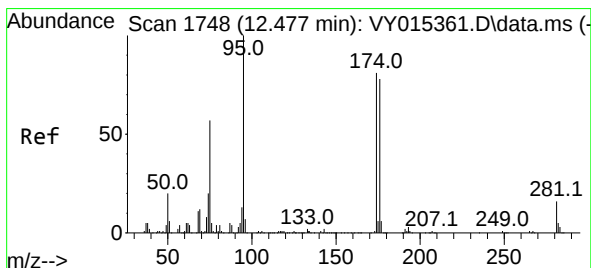
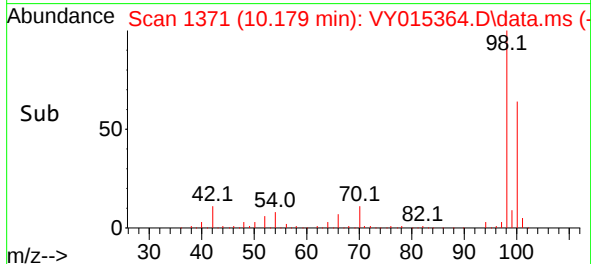
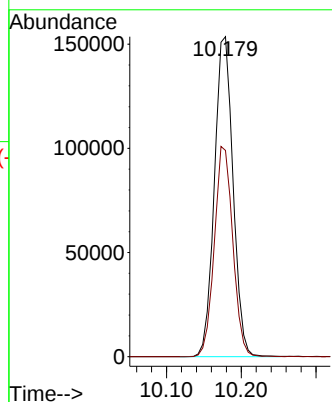
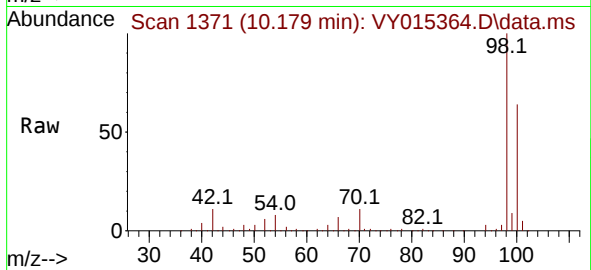
VIBLK

Tgt Ion: 98 Resp: 266731

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.639 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015364.D

Acq: 29 Aug 2023 19:46

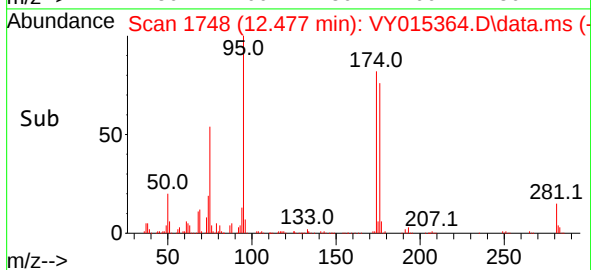
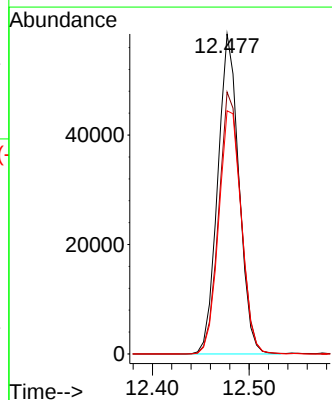
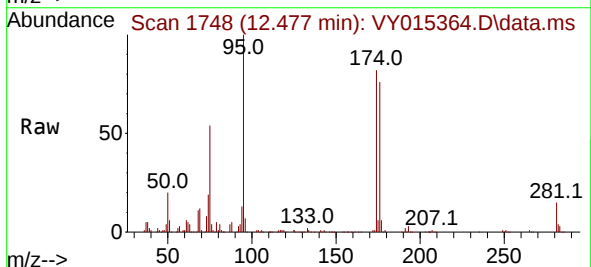
Tgt Ion: 95 Resp: 88859

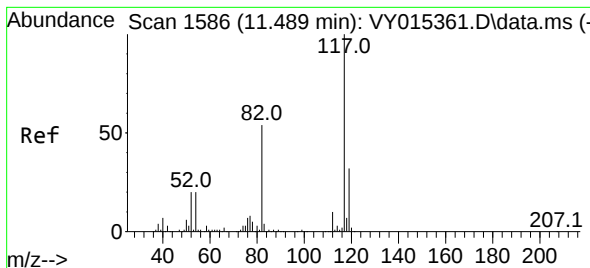
Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.2

176 81.3 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: VY015364.D

Acq: 29 Aug 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

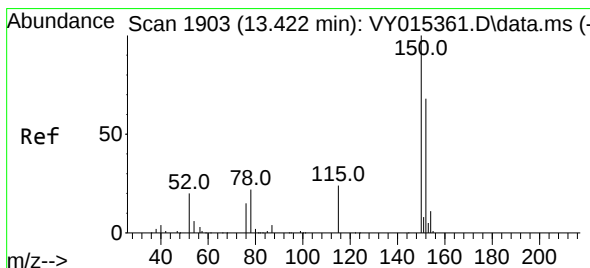
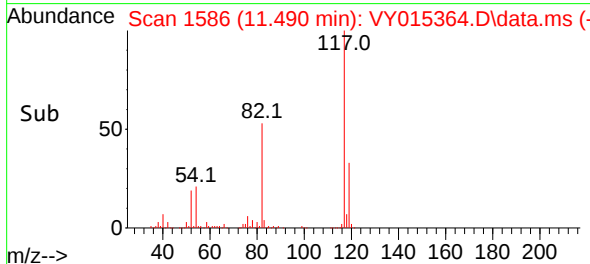
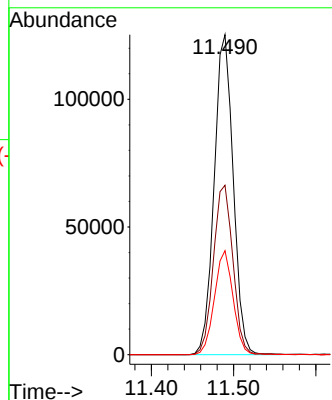
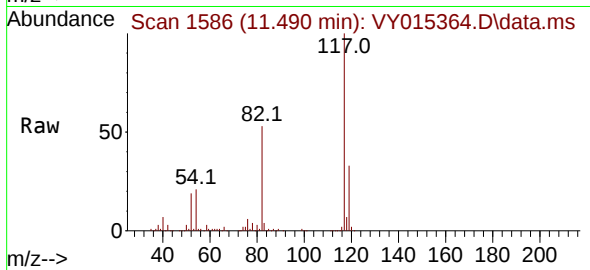
Tgt Ion:117 Resp: 201674

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.5 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: VY015364.D

Acq: 29 Aug 2023 19:46

Tgt Ion:152 Resp: 97089

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 155.4 0.0 348.8

