

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015443.D
 Acq On : 06 Sep 2023 10:35
 Operator : SY/MD
 Sample : VY0906SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0906SBL01

Quant Time: Sep 06 16:27:01 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	7.783	168	136528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	230722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	208967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	89315	61.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.060%
35) Dibromofluoromethane	7.716	113	74251	55.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.740%
50) Toluene-d8	10.179	98	268835	55.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.720%
62) 4-Bromofluorobenzene	12.477	95	90297	50.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.080%

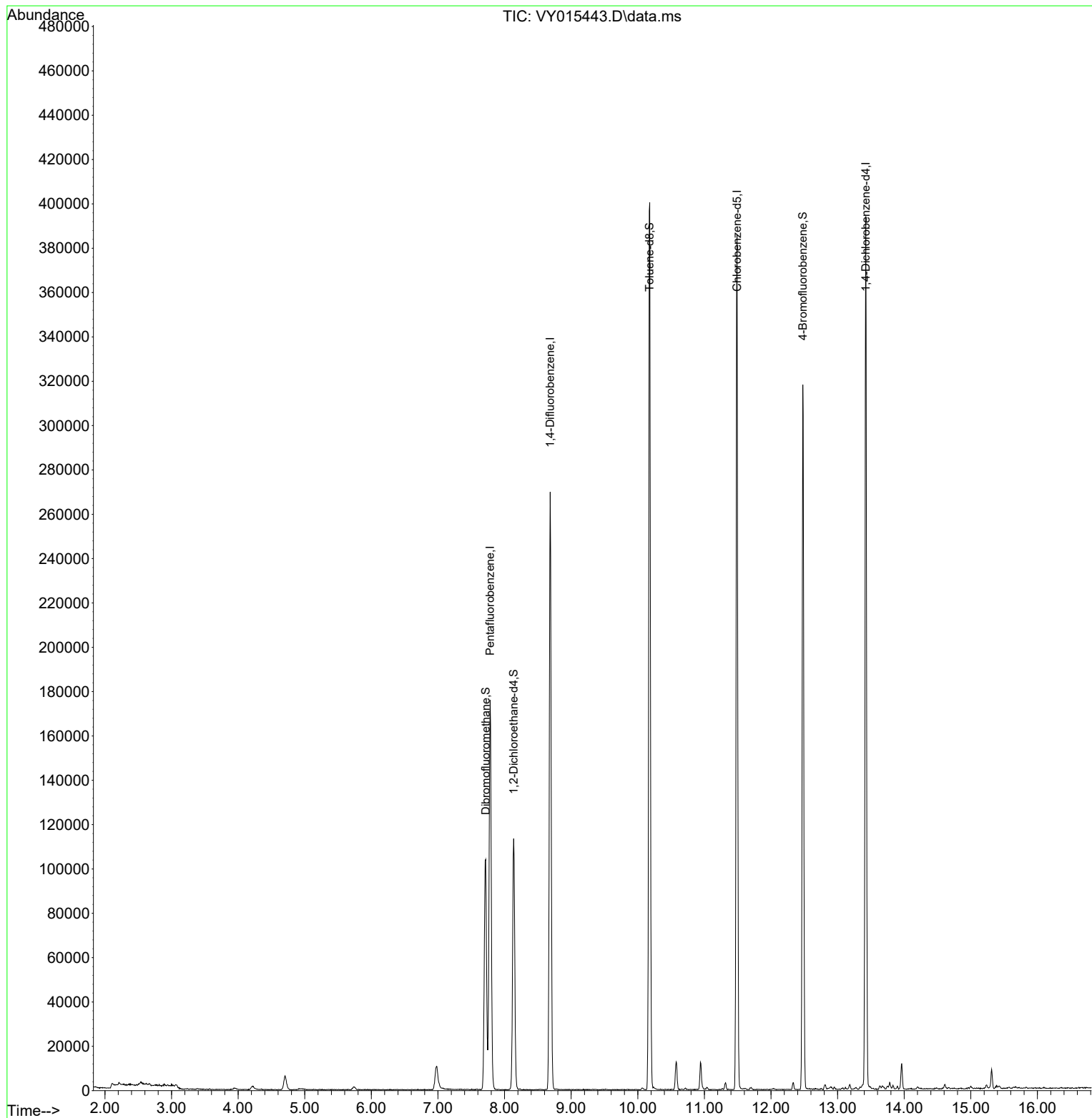
Target Compounds	Qvalue

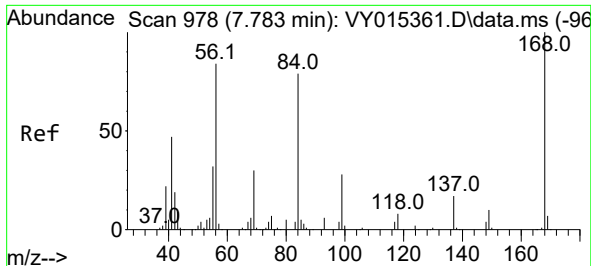
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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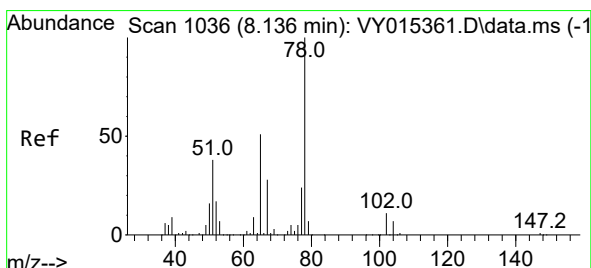
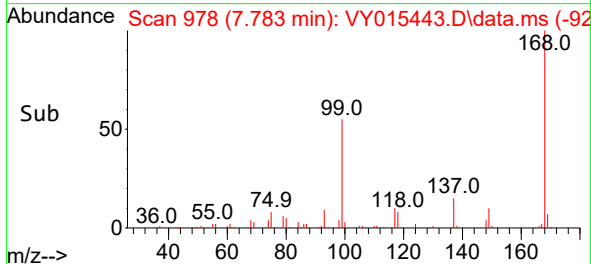
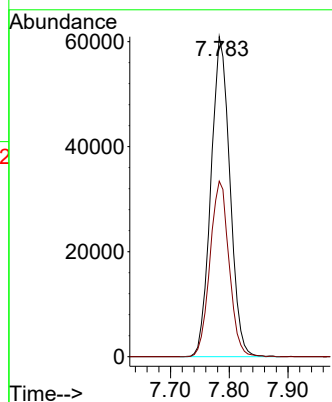
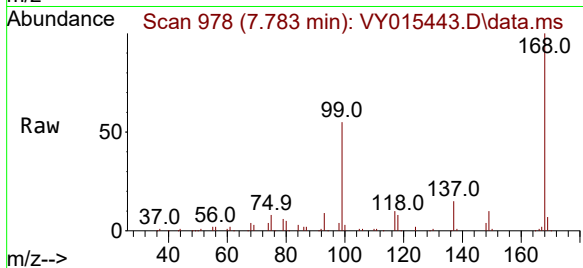




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

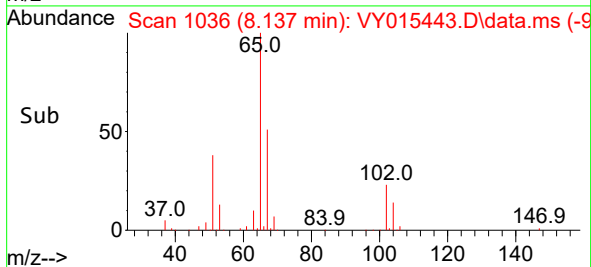
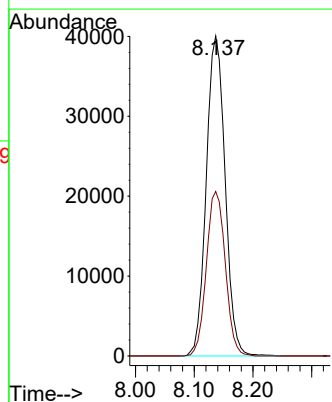
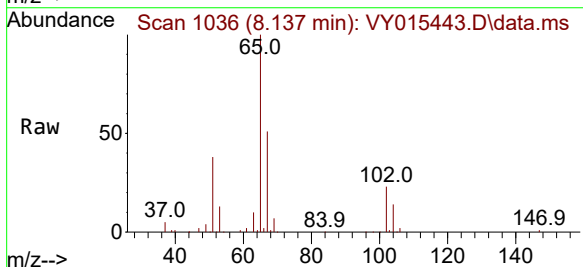
Instrument :
MSVOA_Y
ClientSampleId :
VY0906SBL01

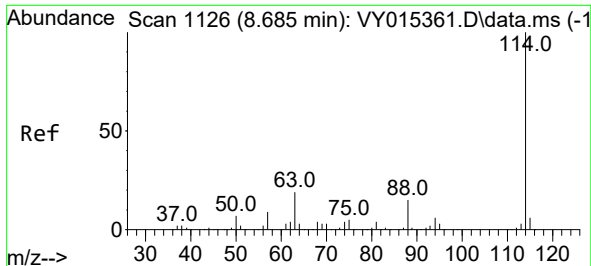
Tgt Ion:168 Resp: 136528
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.026 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

Tgt Ion: 65 Resp: 89315
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8

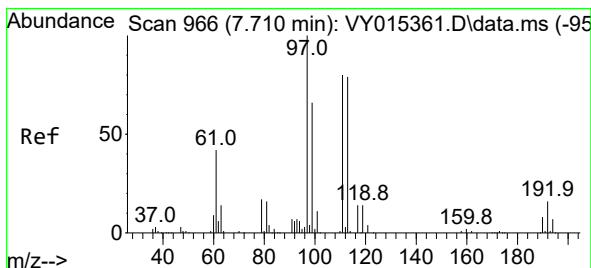
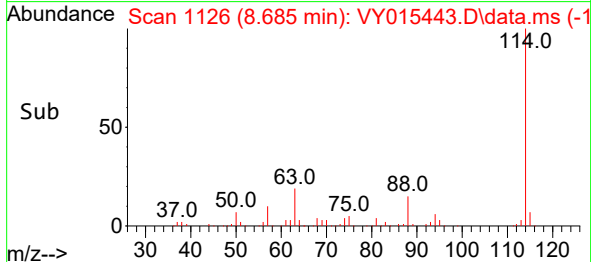
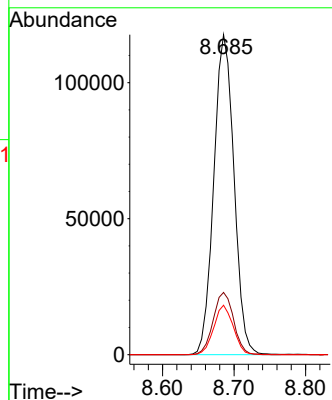
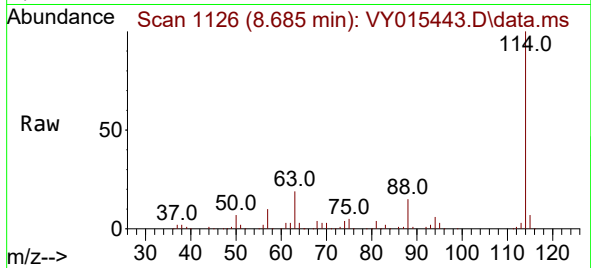




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

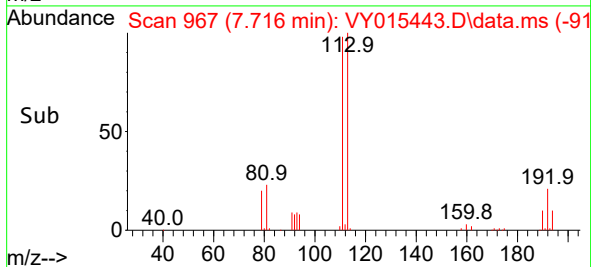
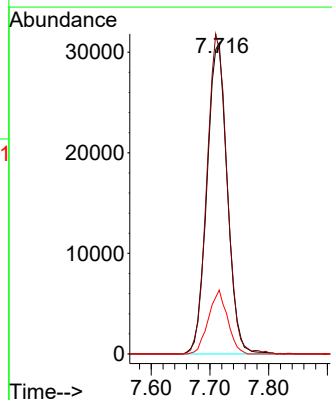
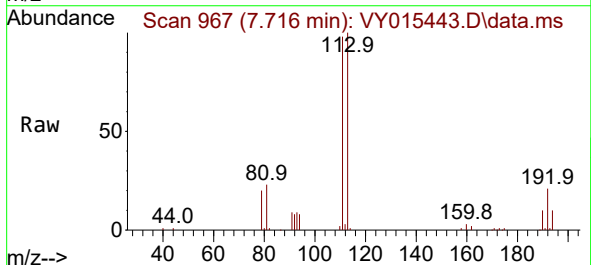
Instrument :
MSVOA_Y
ClientSampleId :
VY0906SBL01

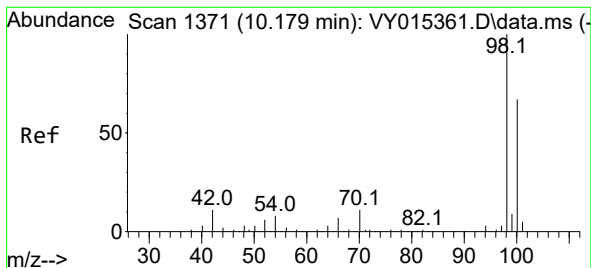
Tgt Ion:114 Resp: 230722
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.874 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015443.D
Acq: 06 Sep 2023 10:35

Tgt Ion:113 Resp: 74251
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.3 16.9 25.3





#50

Toluene-d8

Concen: 55.862 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015443.D

Acq: 06 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

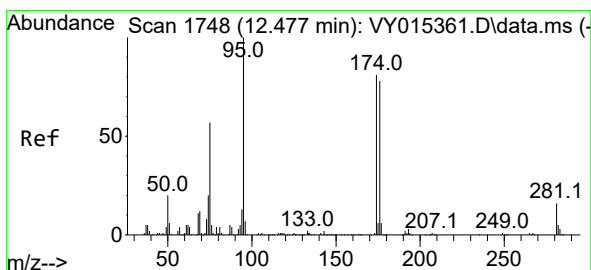
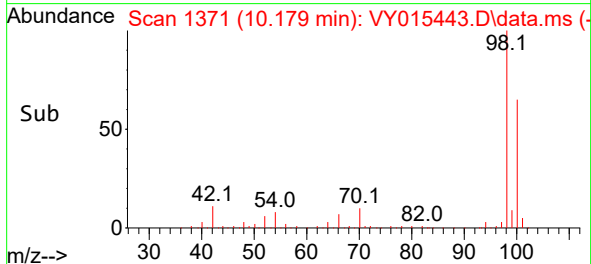
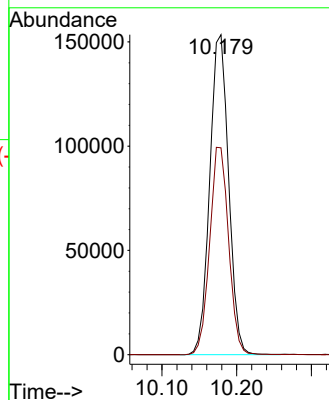
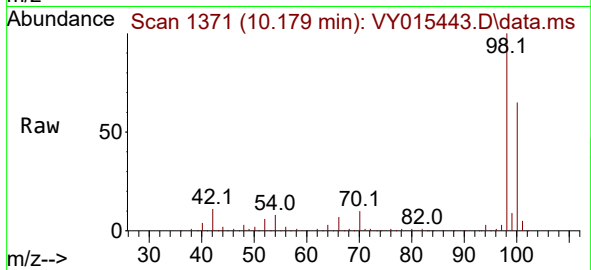
VY0906SBL01

Tgt Ion: 98 Resp: 268835

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.542 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015443.D

Acq: 06 Sep 2023 10:35

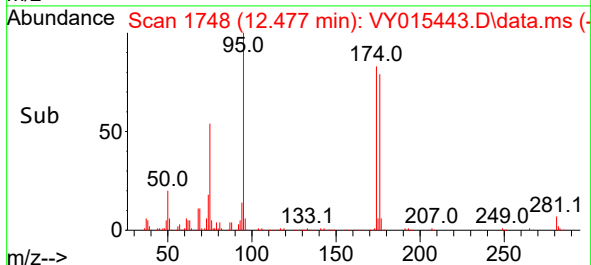
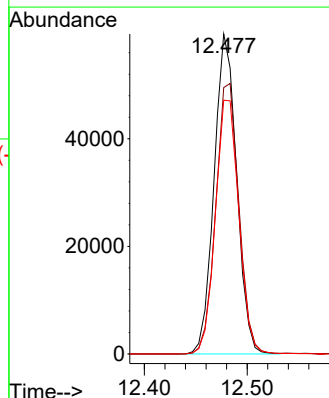
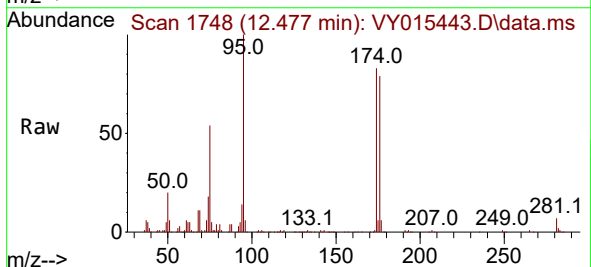
Tgt Ion: 95 Resp: 90297

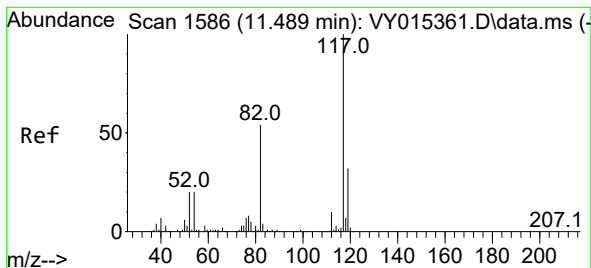
Ion Ratio Lower Upper

95 100

174 87.3 0.0 178.2

176 82.9 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: VY015443.D

Acq: 06 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0906SBL01

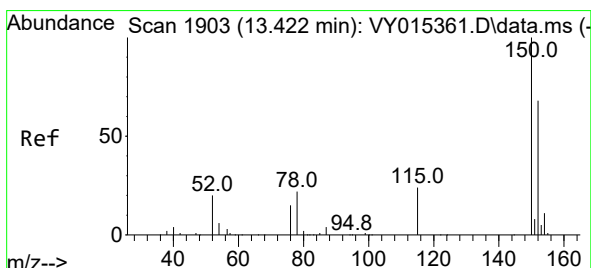
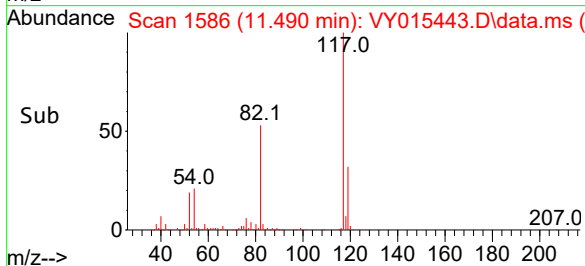
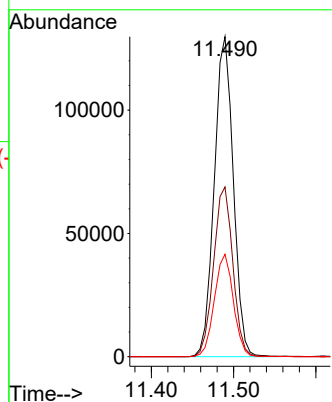
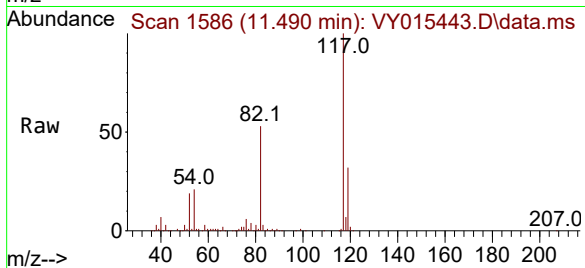
Tgt Ion:117 Resp: 208967

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.0 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: VY015443.D

Acq: 06 Sep 2023 10:35

Tgt Ion:152 Resp: 100469

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 155.0 0.0 348.8

