

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015560.D
 Acq On : 15 Sep 2023 11:11
 Operator : SY/MD
 Sample : VY0915SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0915SBL01

Quant Time: Sep 15 16:11:52 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	326013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	548075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	503428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	232815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	203969	58.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.720%
35) Dibromofluoromethane	7.716	113	172720	54.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.420%
50) Toluene-d8	10.179	98	638743	55.874	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.740%
62) 4-Bromofluorobenzene	12.483	95	220655	51.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.980%

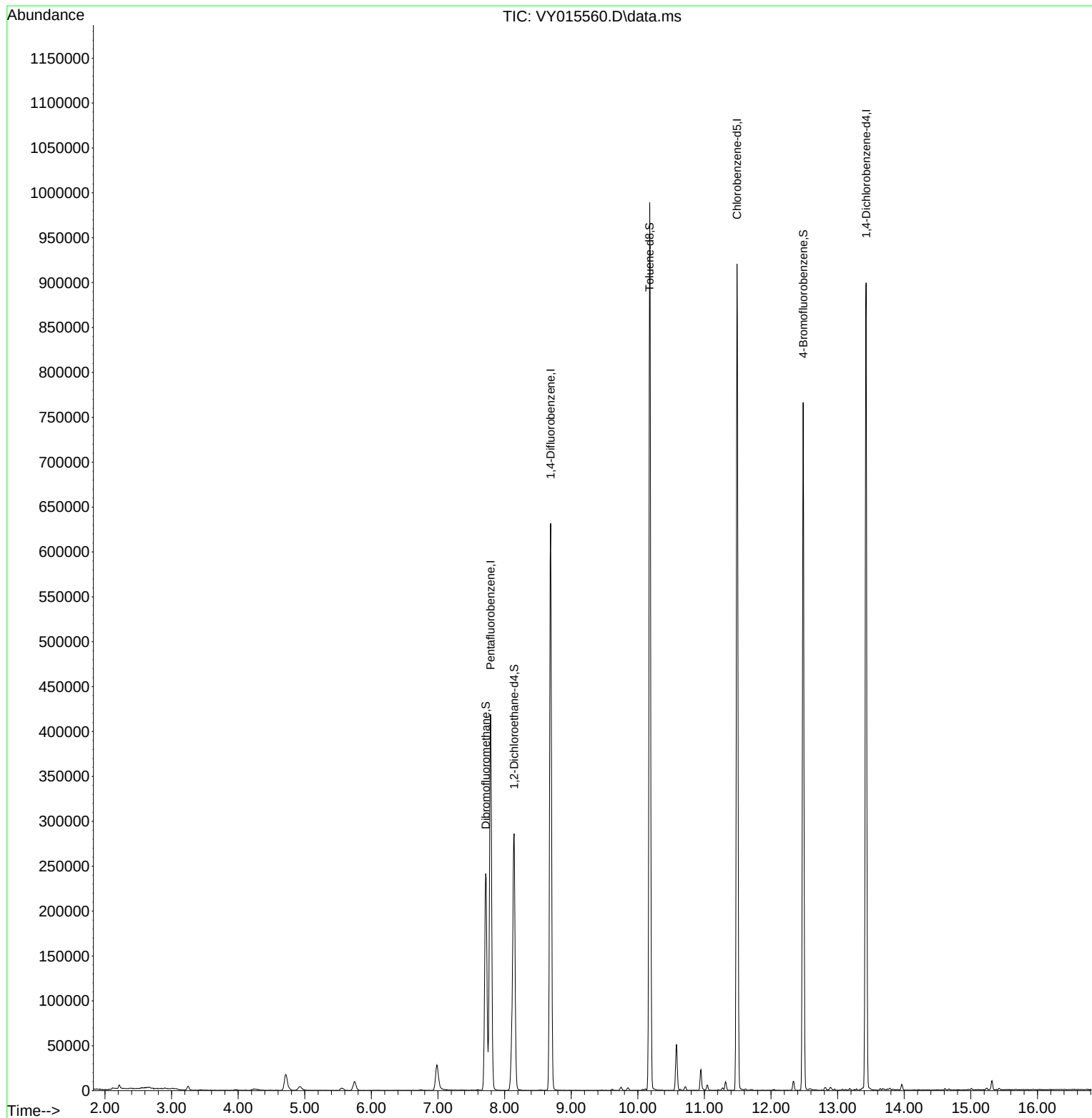
Target Compounds	Qvalue

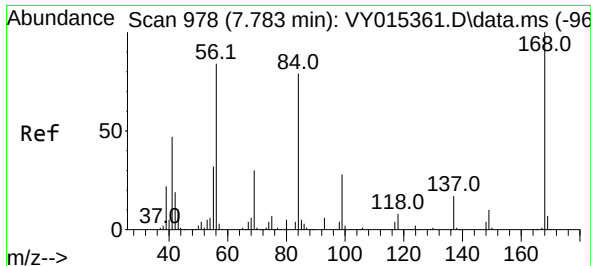
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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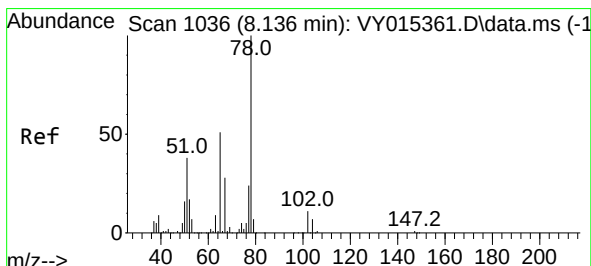
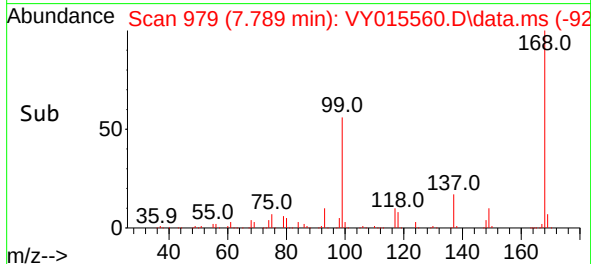
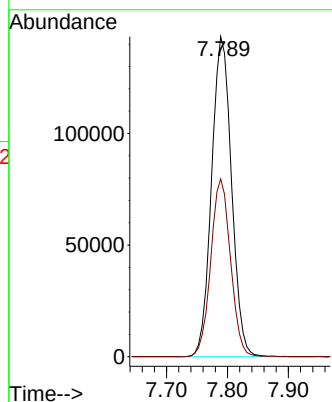
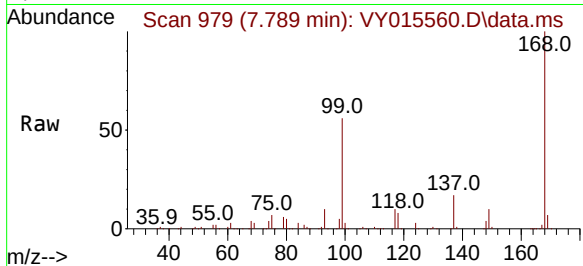




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015560.D
Acq: 15 Sep 2023 11:11

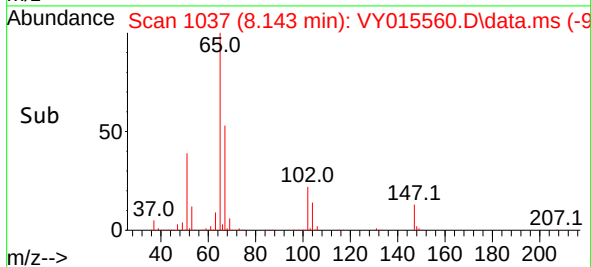
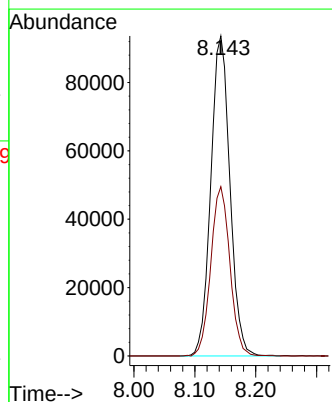
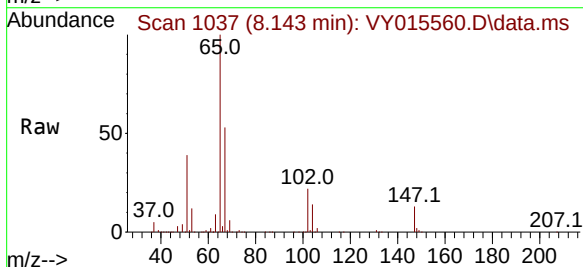
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBL01

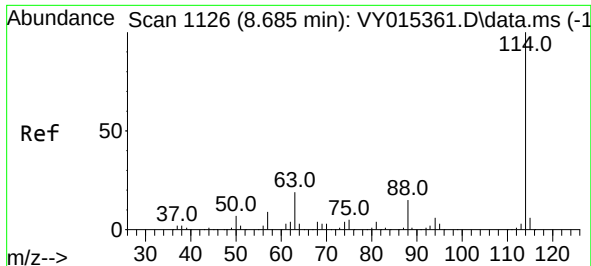
Tgt Ion:168 Resp: 326013
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.363 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015560.D
Acq: 15 Sep 2023 11:11

Tgt Ion: 65 Resp: 203969
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: VY015560.D

Acq: 15 Sep 2023 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBL01

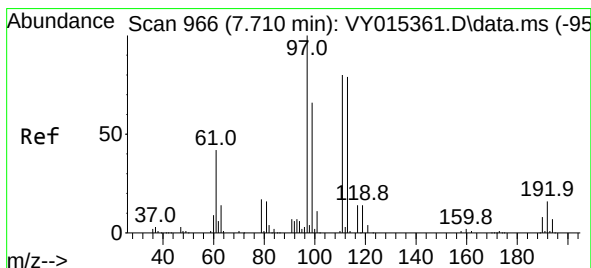
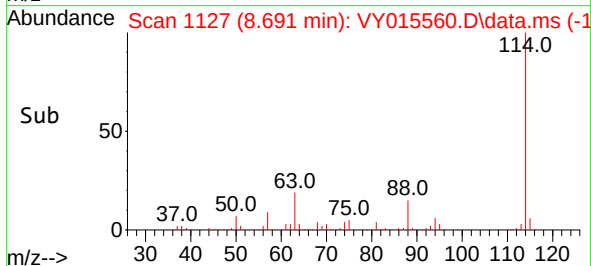
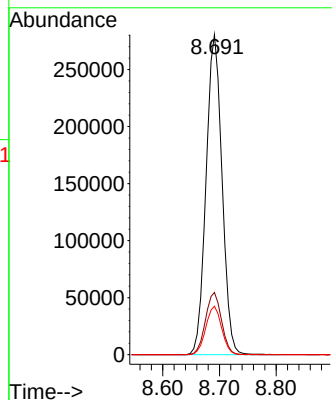
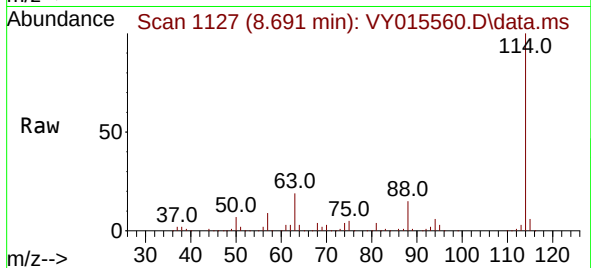
Tgt Ion:114 Resp: 548075

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.714 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015560.D

Acq: 15 Sep 2023 11:11

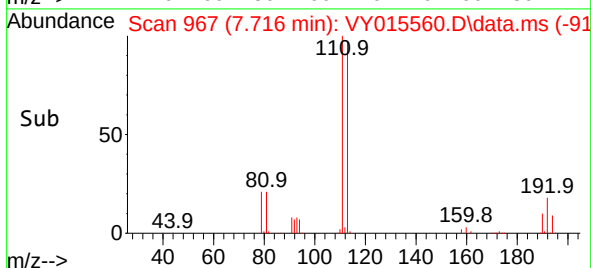
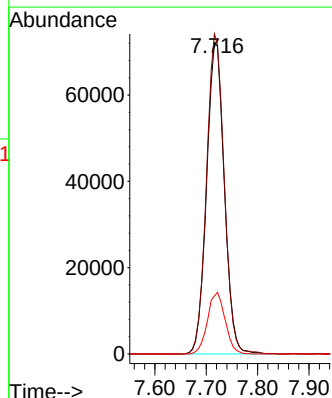
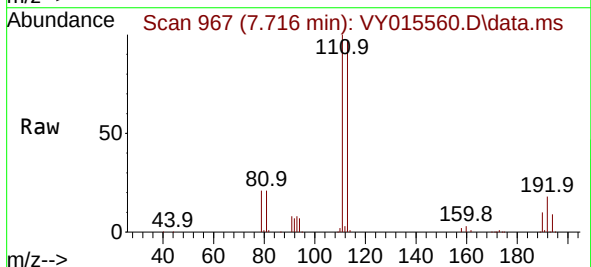
Tgt Ion:113 Resp: 172720

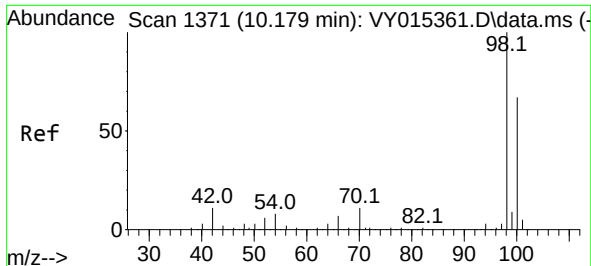
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.7 16.9 25.3

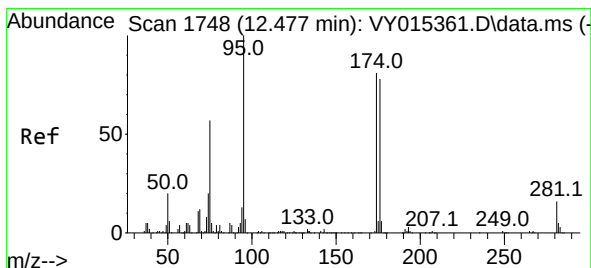
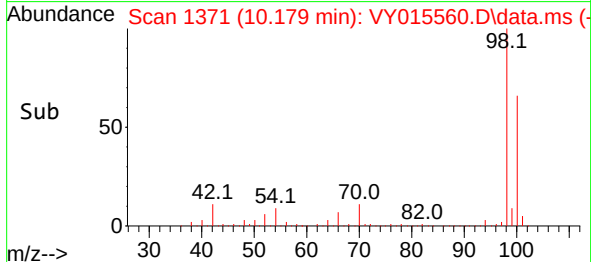
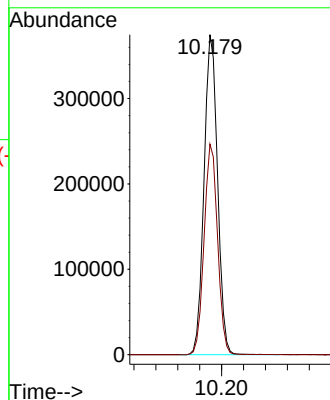
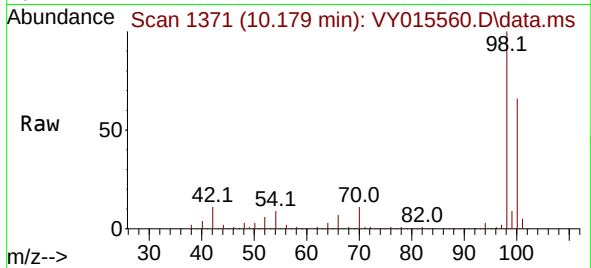




#50
Toluene-d8
Concen: 55.874 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015560.D
Acq: 15 Sep 2023 11:11

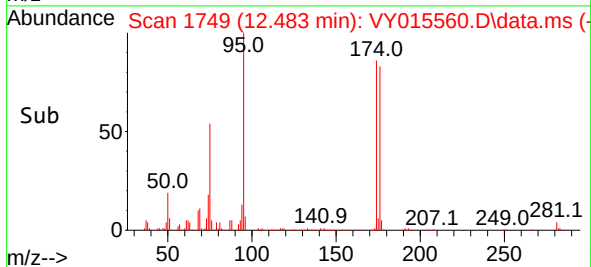
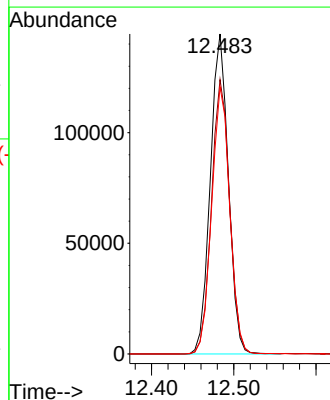
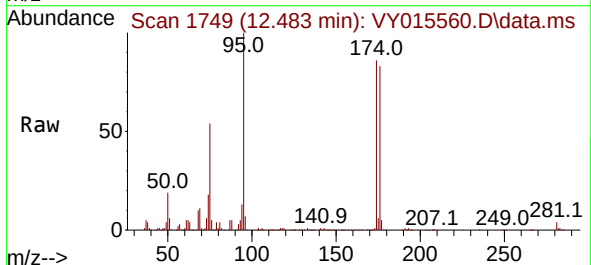
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBL01

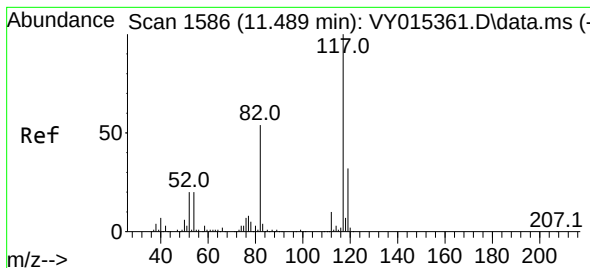
Tgt Ion: 98 Resp: 638743
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015560.D
Acq: 15 Sep 2023 11:11

Tgt Ion: 95 Resp: 220655
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015560.D

Acq: 15 Sep 2023 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBL01

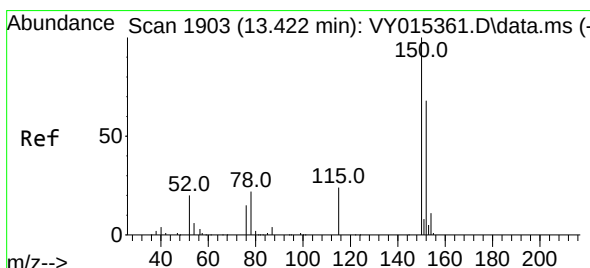
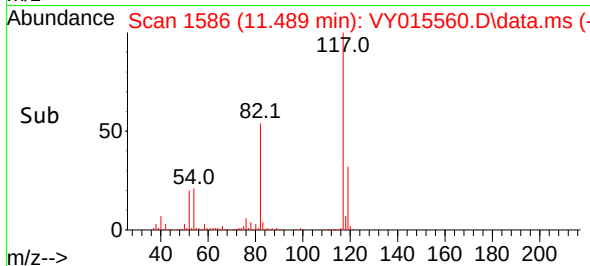
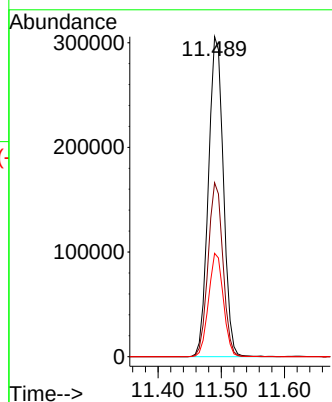
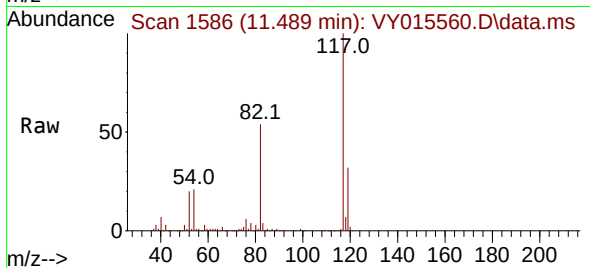
Tgt Ion:117 Resp: 503428

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015560.D

Acq: 15 Sep 2023 11:11

Tgt Ion:152 Resp: 232815

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 158.6 0.0 348.8

