

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015548.D
 Acq On : 14 Sep 2023 21:00
 Operator : SY/MD
 Sample : 04351-07
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT101-10-(3.5-4)RE

Quant Time: Sep 15 04:06:53 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	357323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	610972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	564926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	268112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	227620	59.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.840%
35) Dibromofluoromethane	7.716	113	192320	54.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.300%
50) Toluene-d8	10.179	98	714341	56.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.100%
62) 4-Bromofluorobenzene	12.483	95	250931	53.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.080%

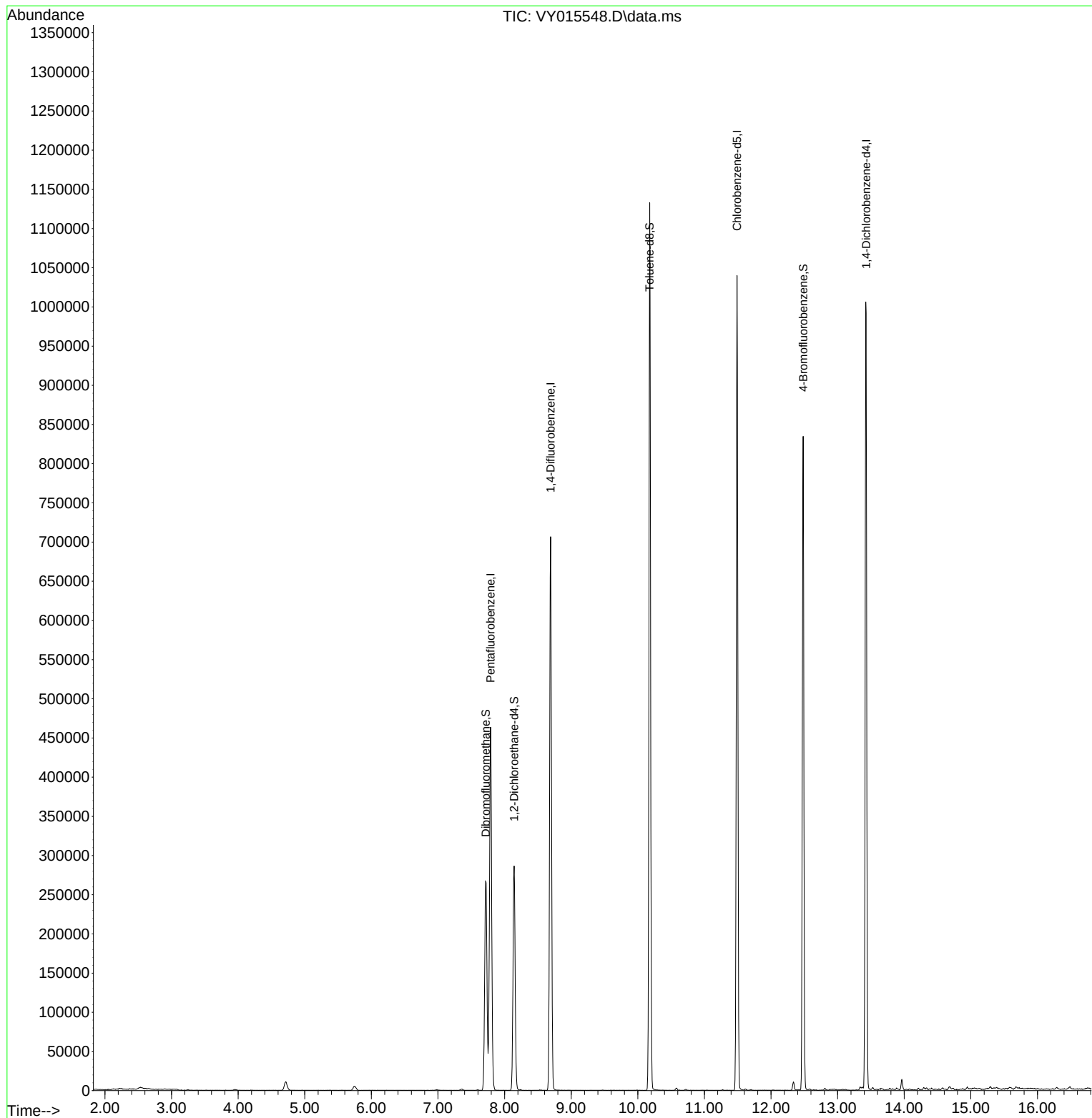
Target Compounds	Qvalue

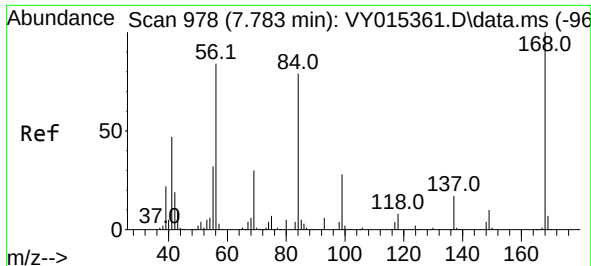
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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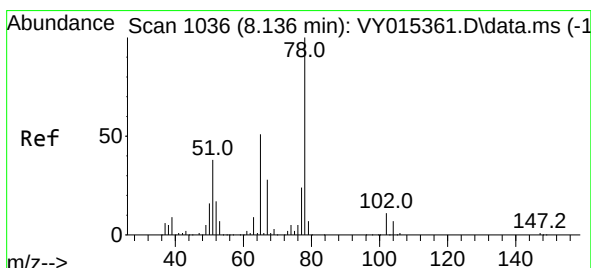
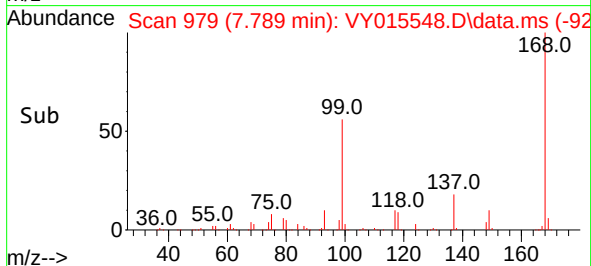
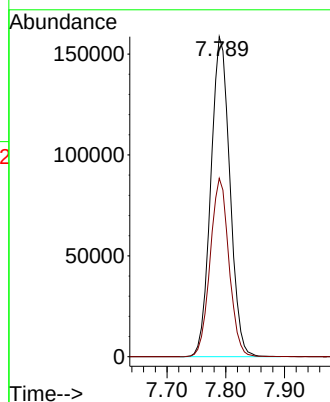
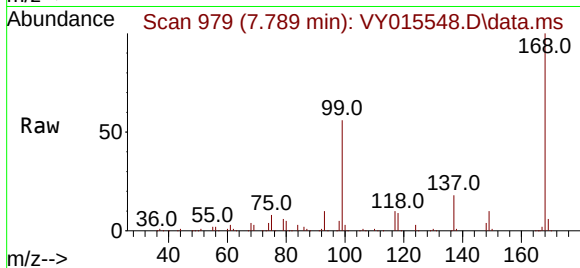




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015548.D
Acq: 14 Sep 2023 21:00

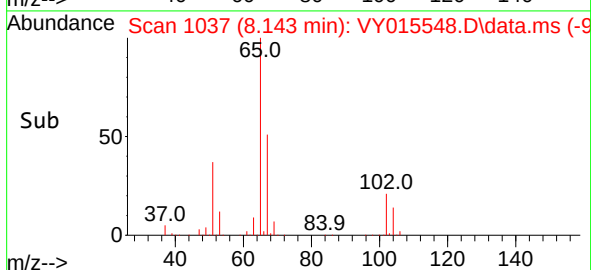
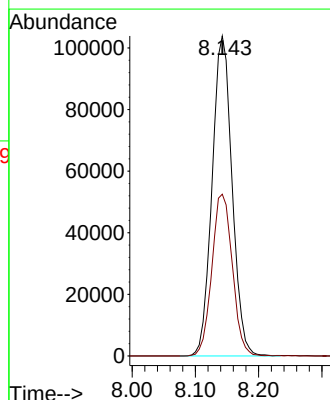
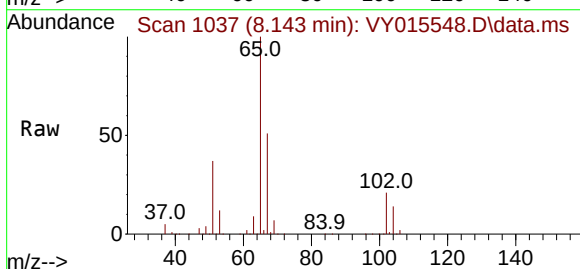
Instrument :
MSVOA_Y
ClientSampleId :
CPT101-10-(3.5-4)RE

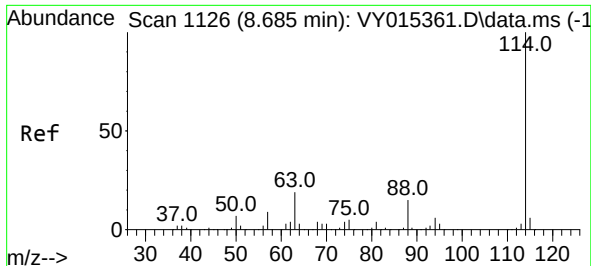
Tgt Ion:168 Resp: 357323
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.424 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015548.D
Acq: 14 Sep 2023 21:00

Tgt Ion: 65 Resp: 227620
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8

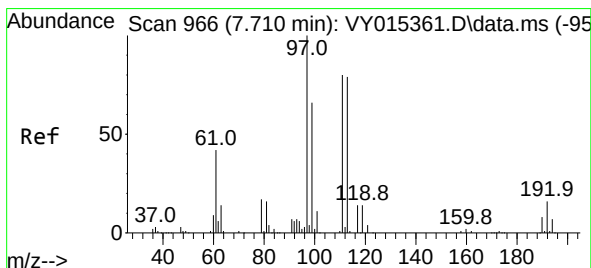
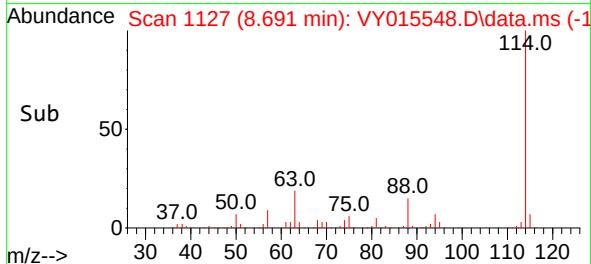
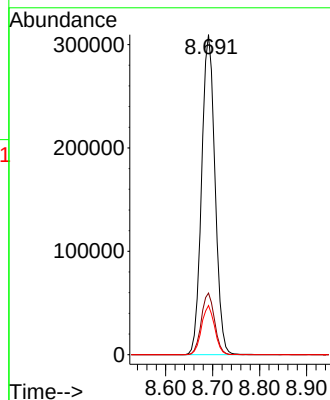
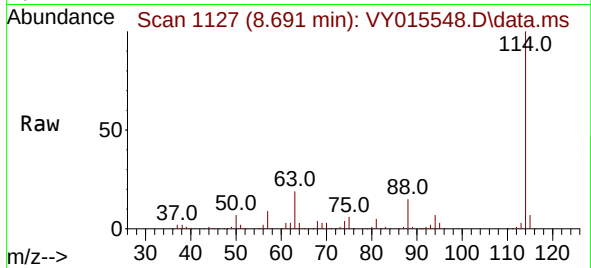




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015548.D
Acq: 14 Sep 2023 21:00

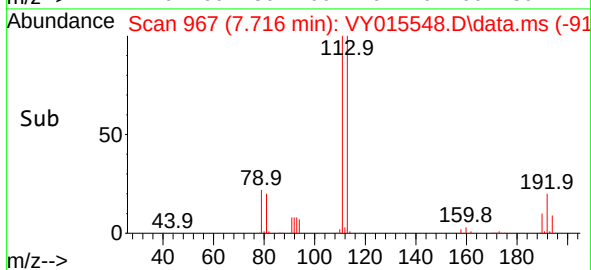
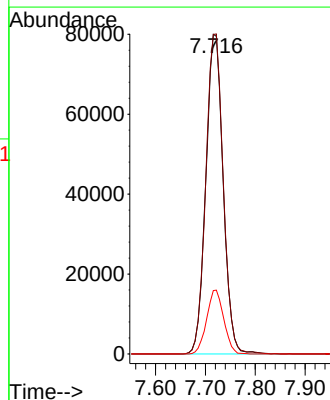
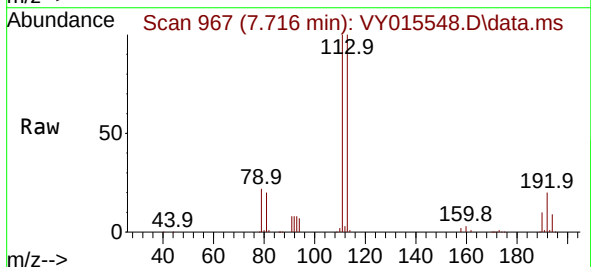
Instrument :
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ClientSampleId :
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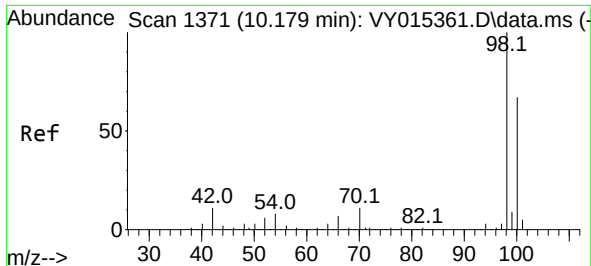
Tgt Ion:114 Resp: 610972
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.651 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015548.D
Acq: 14 Sep 2023 21:00

Tgt Ion:113 Resp: 192320
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.8 16.9 25.3

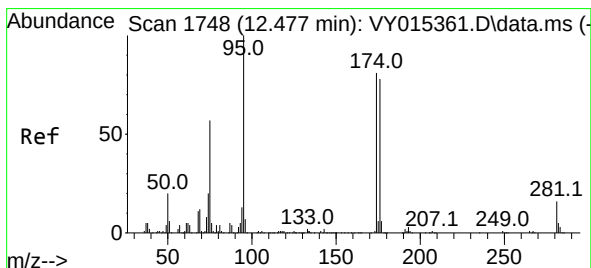
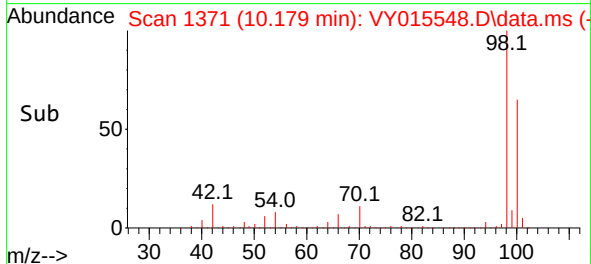
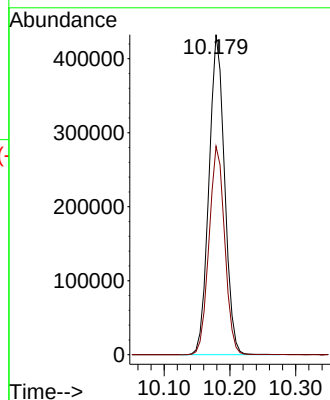
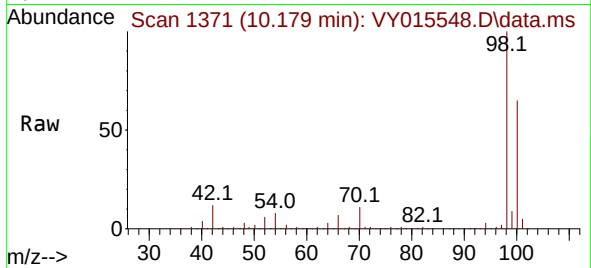




#50
Toluene-d8
Concen: 56.054 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015548.D
Acq: 14 Sep 2023 21:00

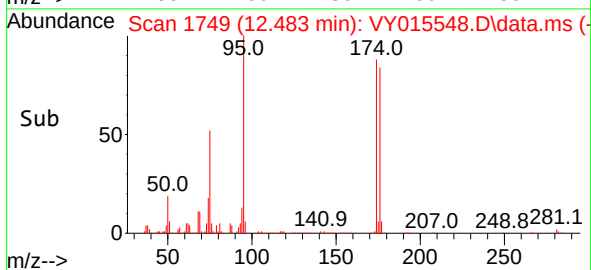
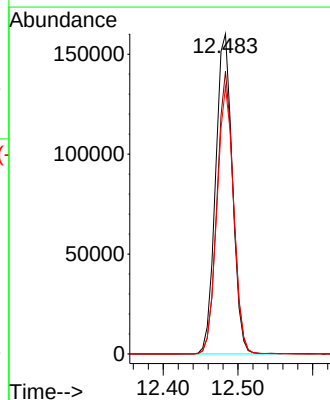
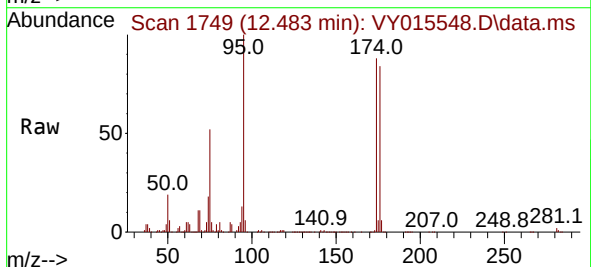
Instrument :
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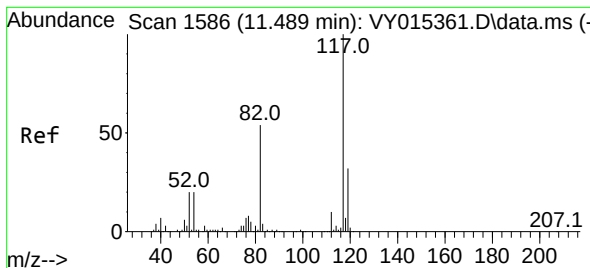
Tgt Ion: 98 Resp: 714341
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.040 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015548.D
Acq: 14 Sep 2023 21:00

Tgt Ion: 95 Resp: 250931
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 83.0 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: VY015548.D

Acq: 14 Sep 2023 21:00

Instrument :

MSVOA_Y

ClientSampleId :

CPT101-10-(3.5-4)RE

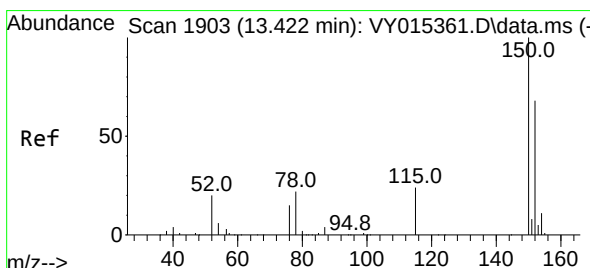
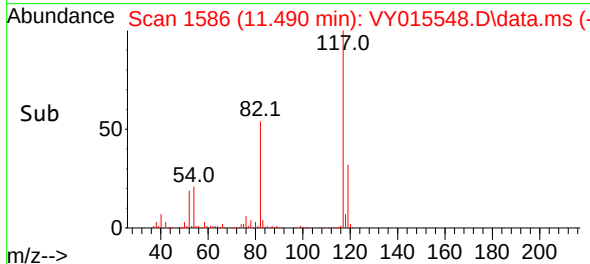
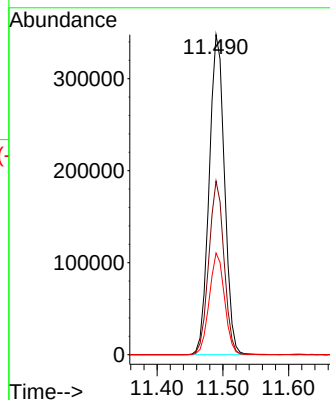
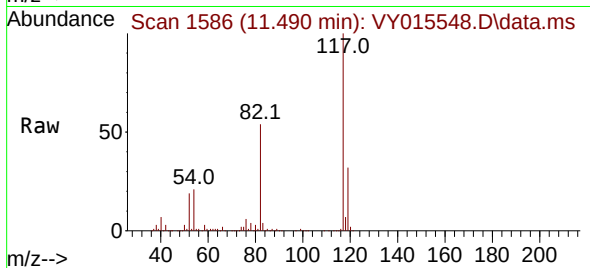
Tgt Ion:117 Resp: 564926

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 31.8 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: VY015548.D

Acq: 14 Sep 2023 21:00

Tgt Ion:152 Resp: 268112

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 156.4 0.0 348.8

