

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015514.D
 Acq On : 12 Sep 2023 17:46
 Operator : SY/MD
 Sample : 04351-07
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 13 05:55:19 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	54813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	80224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	67453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29620	50.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.820%
35) Dibromofluoromethane	7.710	113	25582	55.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.720%
50) Toluene-d8	10.179	98	92603	55.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.680%
62) 4-Bromofluorobenzene	12.477	95	27622	44.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.940%

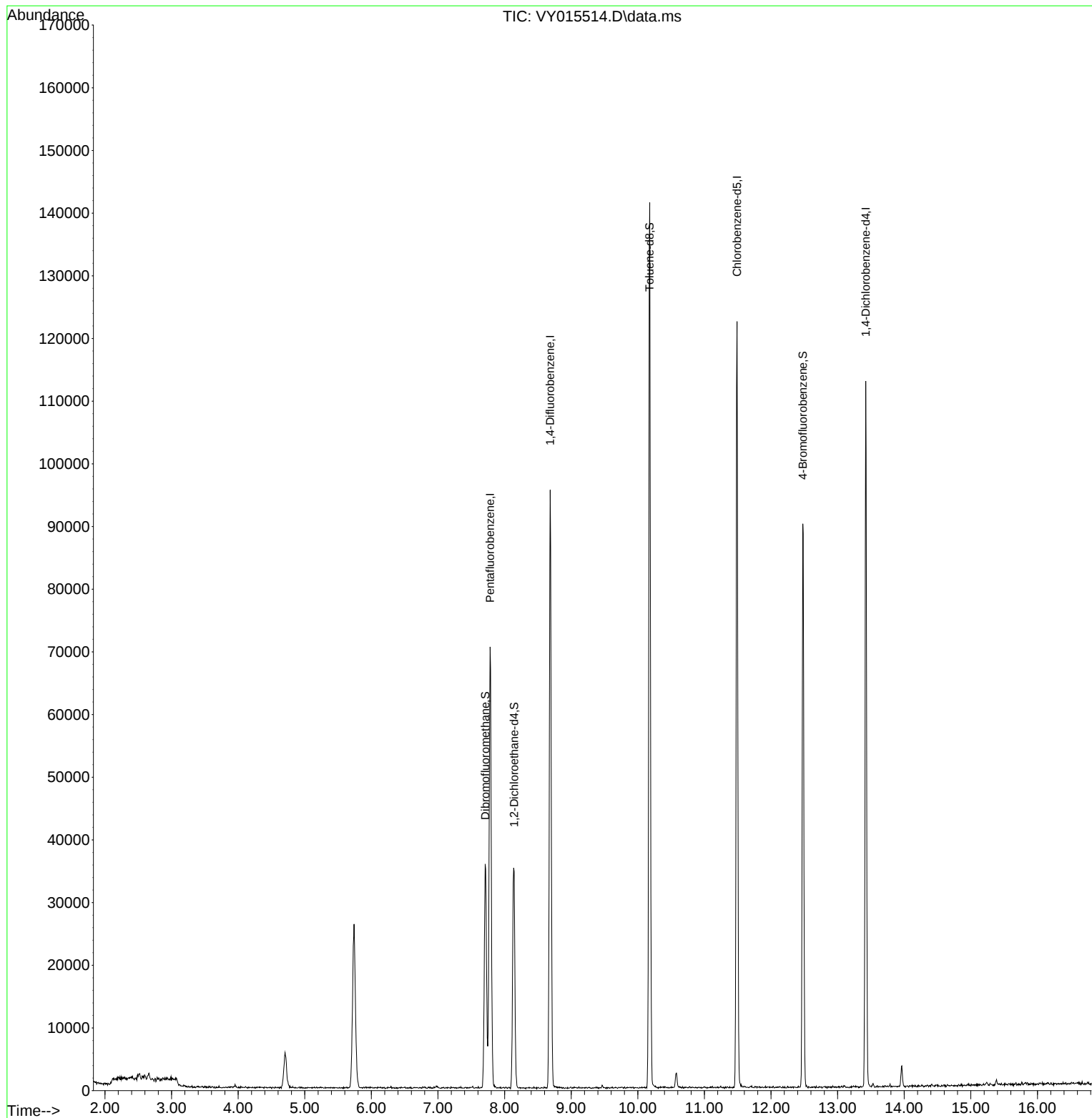
Target Compounds	Qvalue

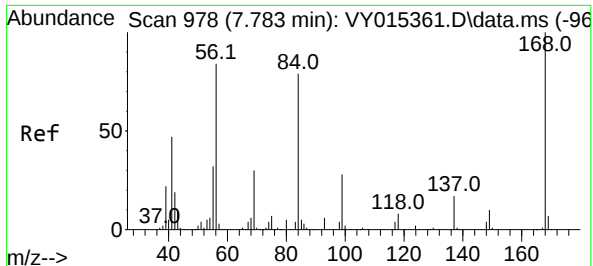
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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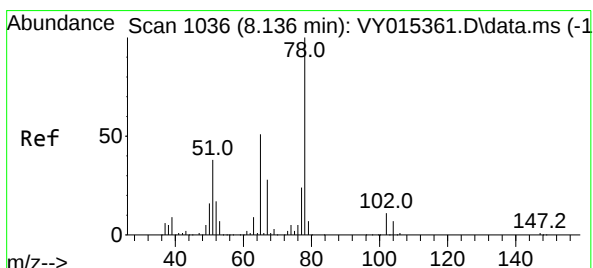
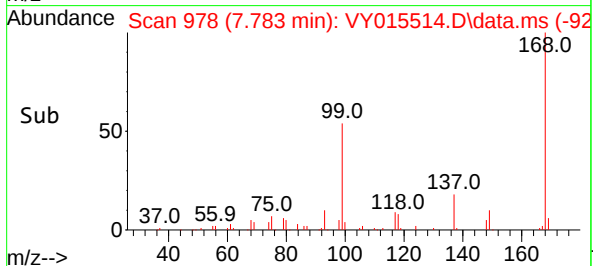
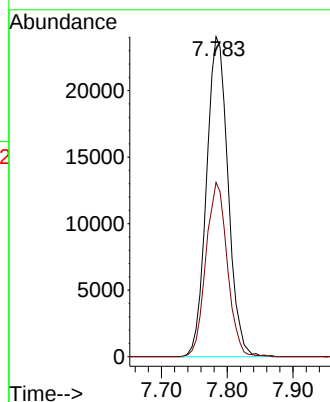
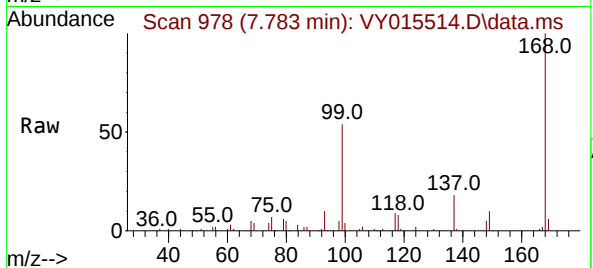




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

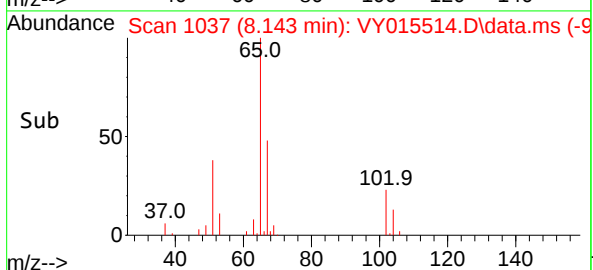
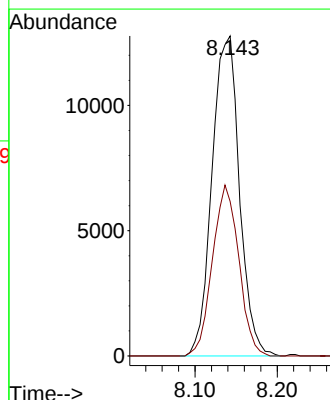
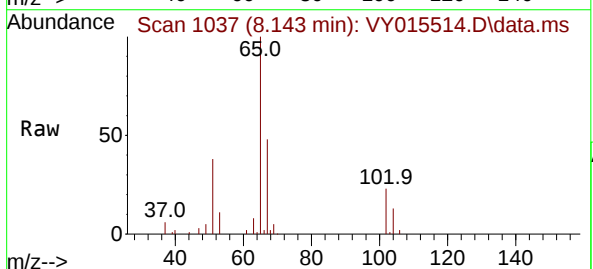
Instrument :
MSVOA_Y
ClientSampleId :
CPT101-10-(3.5-4)

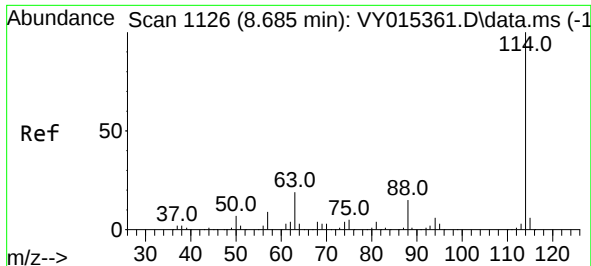
Tgt Ion:168 Resp: 54813
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.410 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

Tgt Ion: 65 Resp: 29620
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

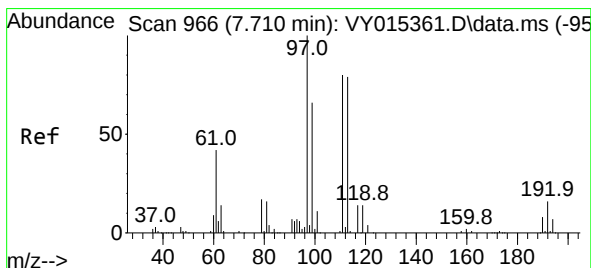
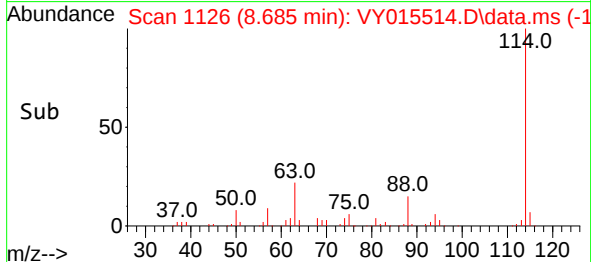
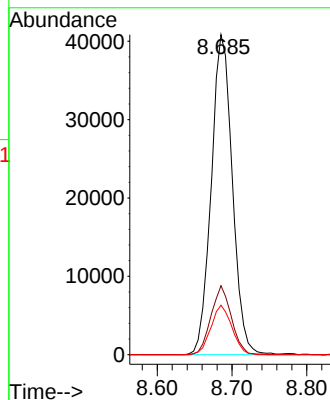
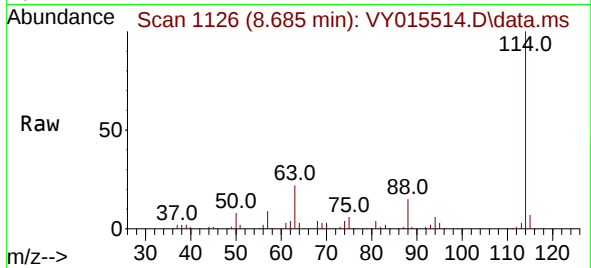




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

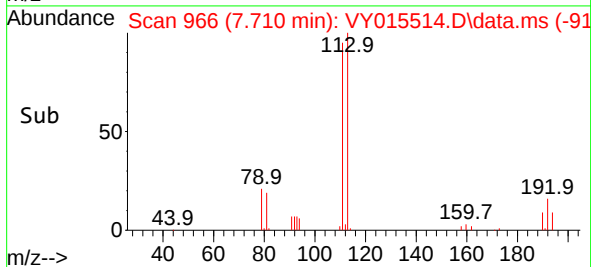
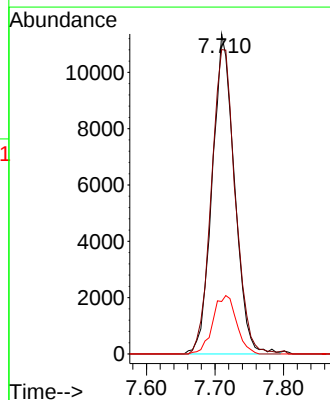
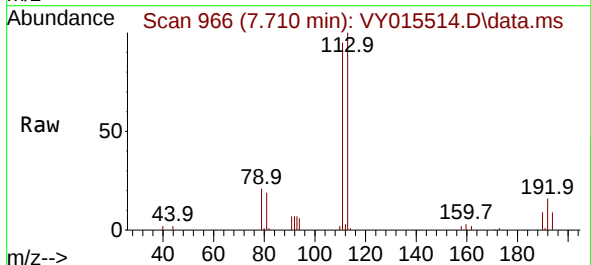
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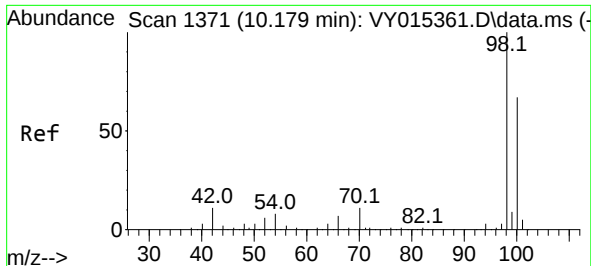
Tgt Ion:114	Resp:	80224
Ion Ratio	Lower	Upper
114	100	
63	21.5	0.0 42.4
88	15.5	0.0 30.6



#35
Dibromofluoromethane
Concen: 55.364 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

Tgt Ion:113	Resp:	25582
Ion Ratio	Lower	Upper
113	100	
111	101.9	81.3 121.9
192	19.4	16.9 25.3

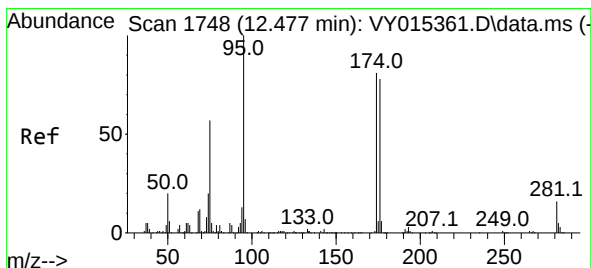
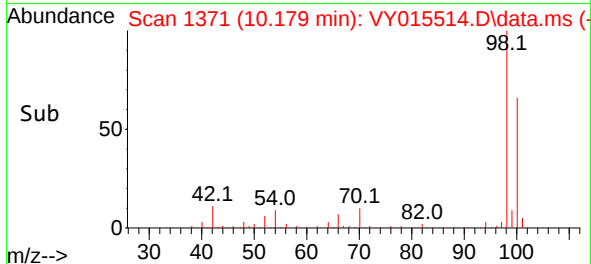
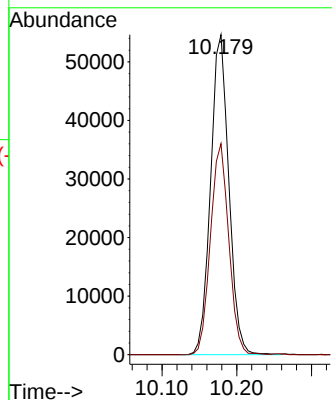
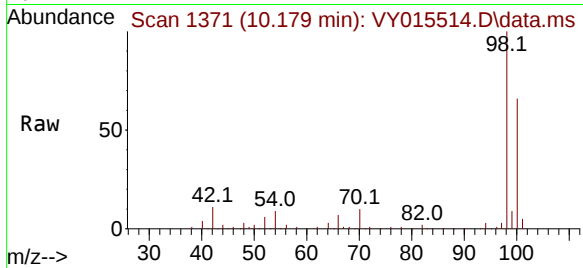




#50
Toluene-d8
Concen: 55.340 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

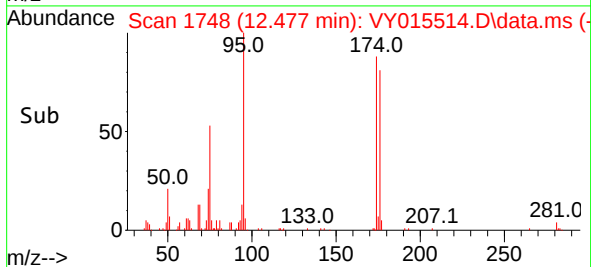
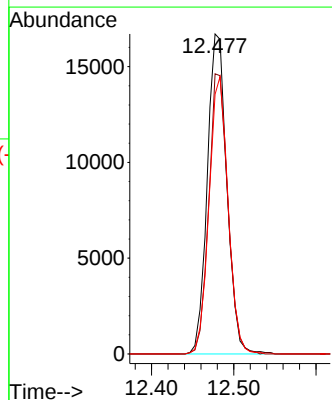
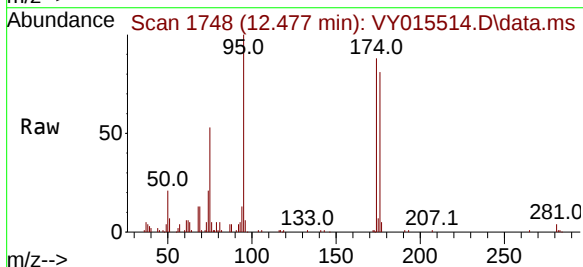
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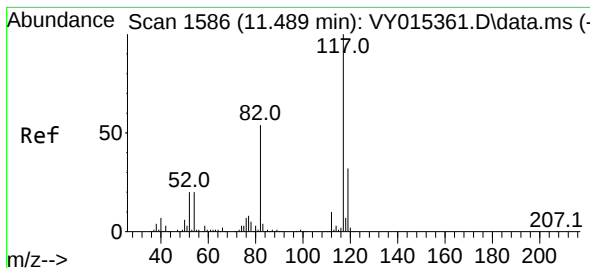
Tgt Ion: 98 Resp: 92603
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.465 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

Tgt Ion: 95 Resp: 27622
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 84.2 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: VY015514.D

Acq: 12 Sep 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

CPT101-10-(3.5-4)

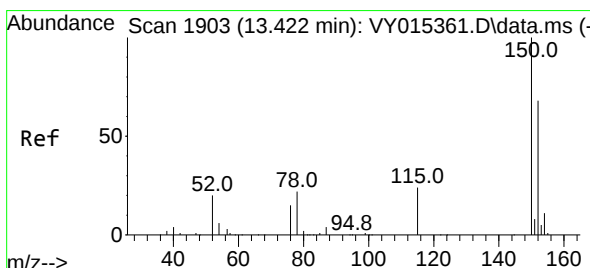
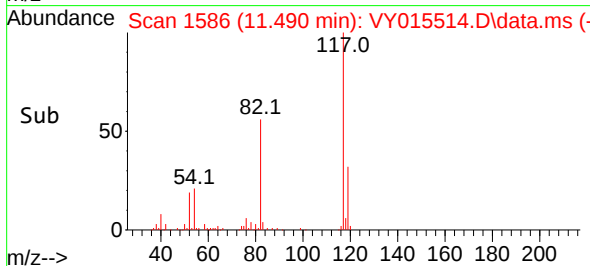
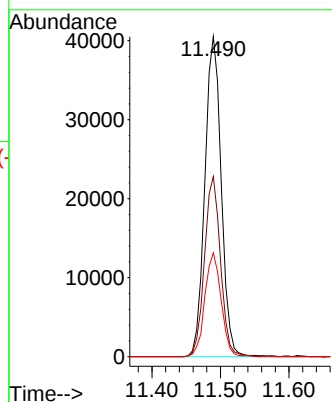
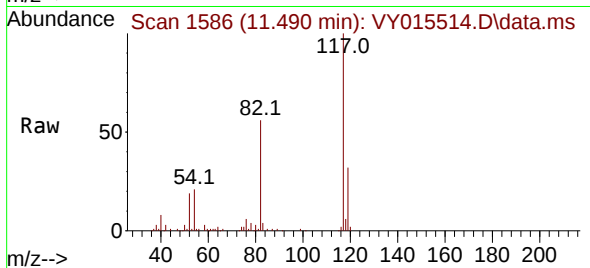
Tgt Ion:117 Resp: 67453

Ion Ratio Lower Upper

117 100

82 56.3 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: VY015514.D

Acq: 12 Sep 2023 17:46

Tgt Ion:152 Resp: 28781

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 156.9 0.0 348.8

