

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010804.D
 Acq On : 04 Oct 2022 18:34
 Operator : KP/MD
 Sample : N4960-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-03-100322

Quant Time: Oct 05 07:33:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	231714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	405179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147723	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108295	46.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.220%
35) Dibromofluoromethane	7.716	113	107354	39.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.820%
50) Toluene-d8	10.179	98	333411	36.248	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	72.500%
62) 4-Bromofluorobenzene	12.483	95	118196	31.532	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.060%

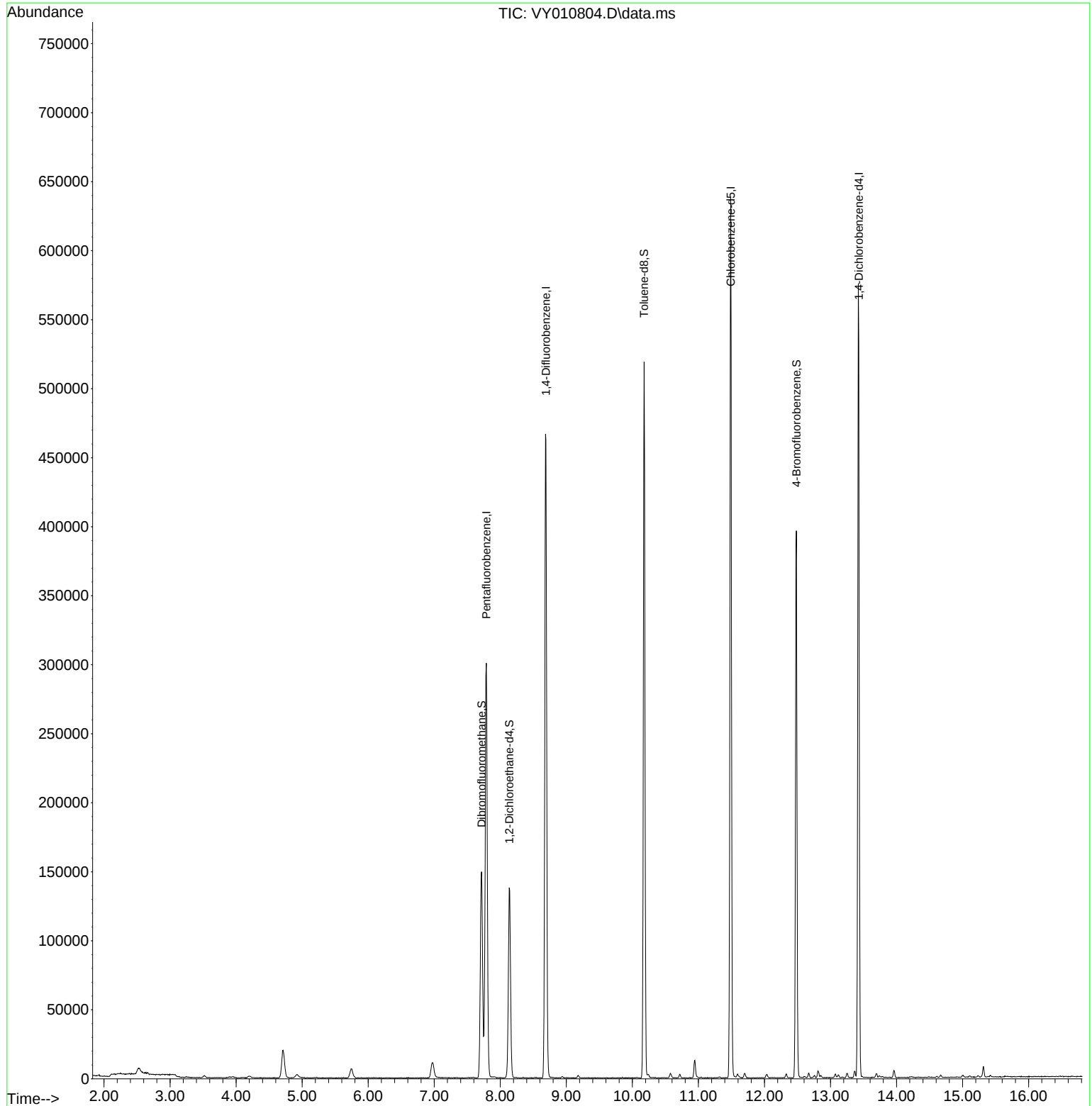
Target Compounds	Qvalue

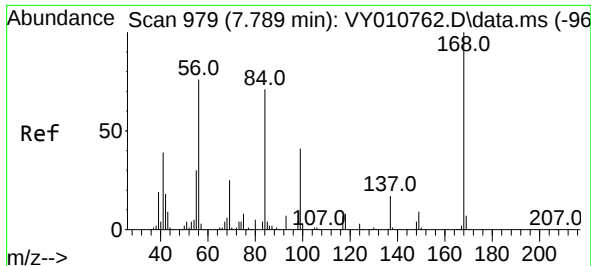
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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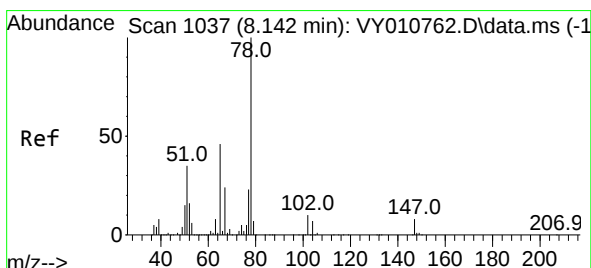
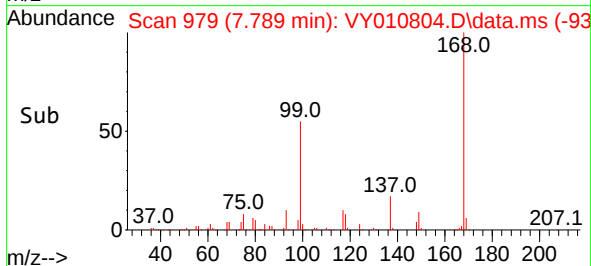
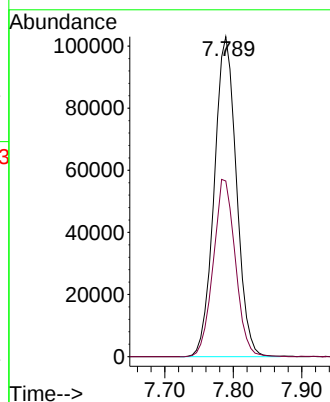
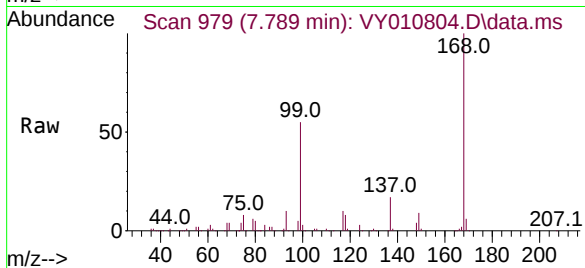




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

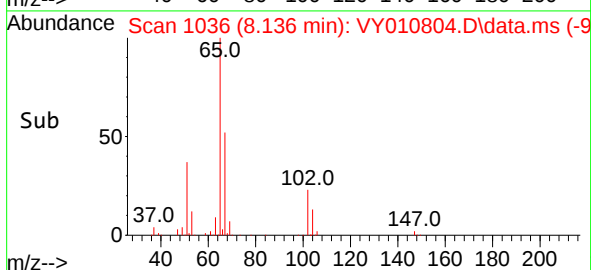
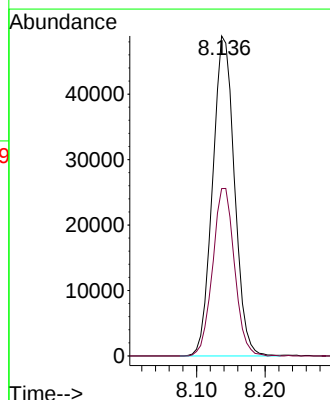
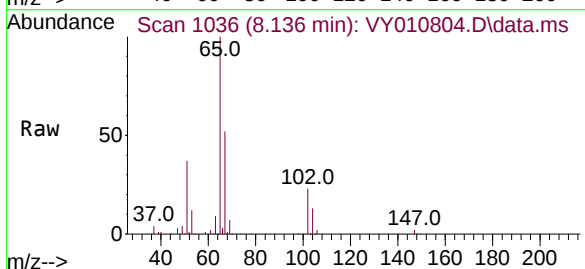
Instrument :
MSVOA_Y
ClientSampleId :
PAT-03-100322

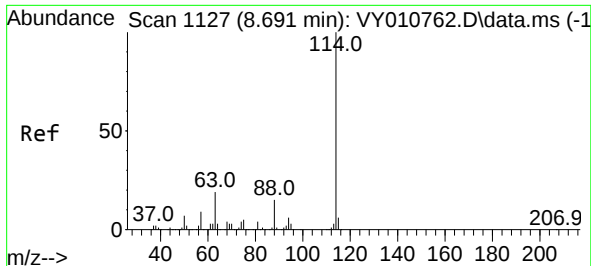
Tgt Ion:168 Resp: 231714
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.108 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

Tgt Ion: 65 Resp: 108295
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4

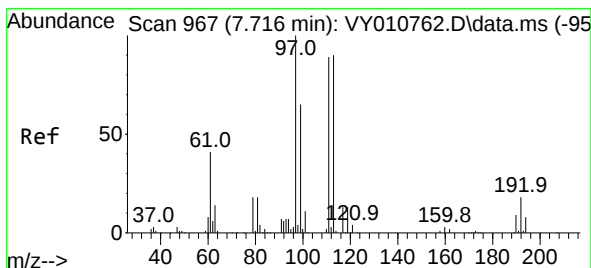
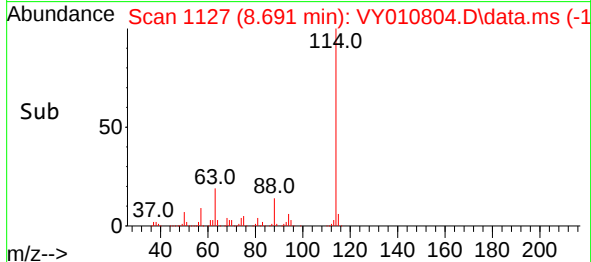
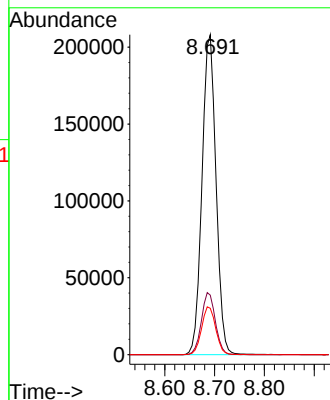
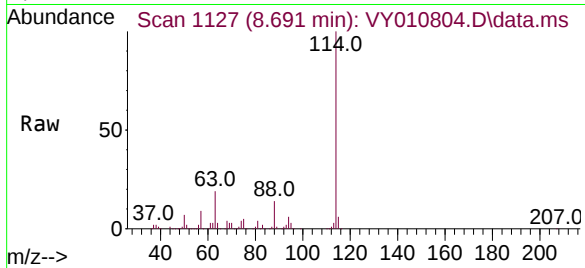




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY010804.D
 Acq: 04 Oct 2022 18:34

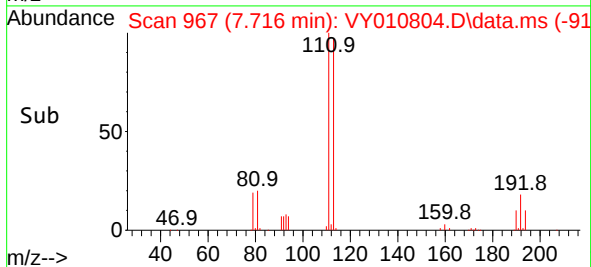
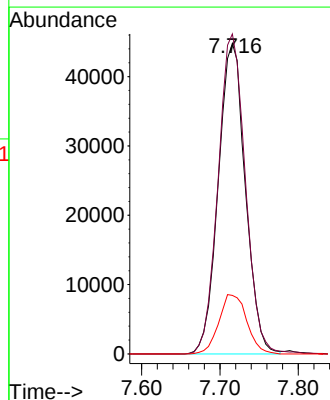
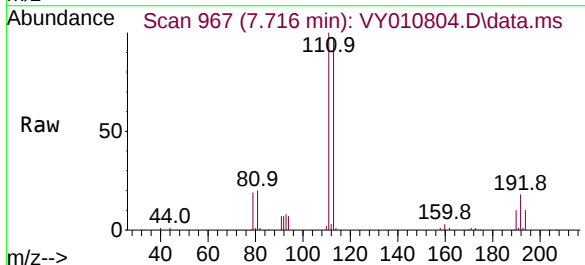
Instrument :
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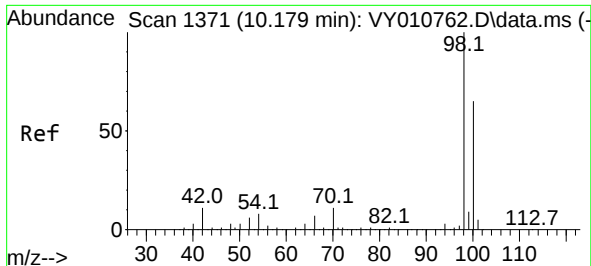
Tgt Ion:	114	Resp:	405179
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.2
88	14.5	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 39.914 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY010804.D
 Acq: 04 Oct 2022 18:34

Tgt Ion:	113	Resp:	107354
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	19.7	17.6	26.4

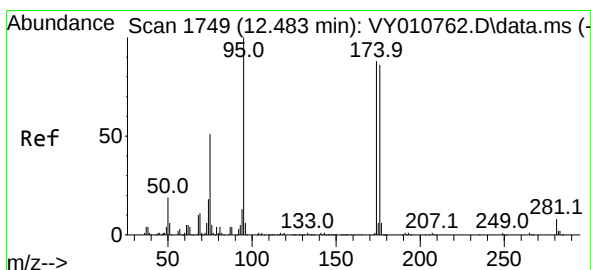
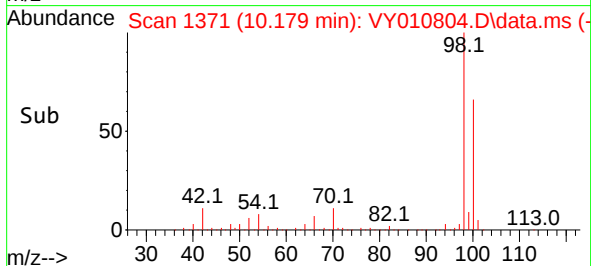
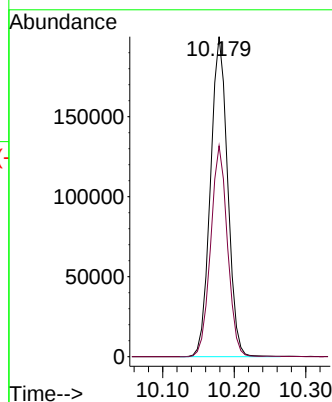
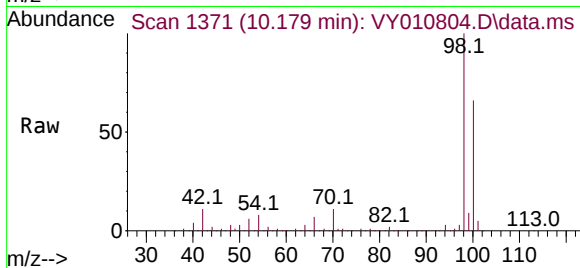




#50
Toluene-d8
Concen: 36.248 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

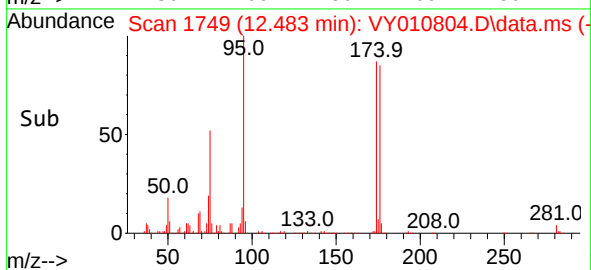
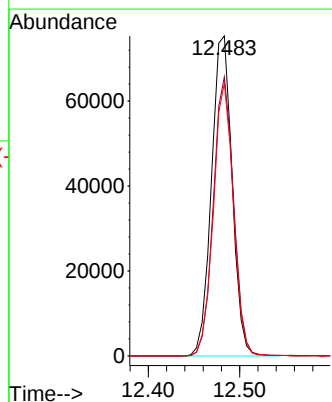
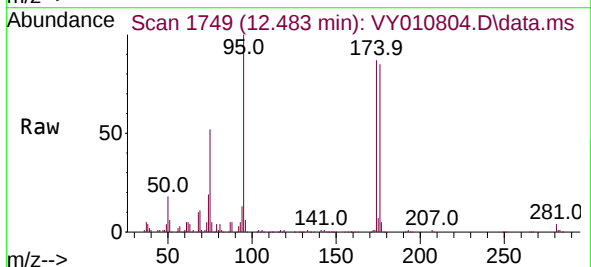
Instrument :
MSVOA_Y
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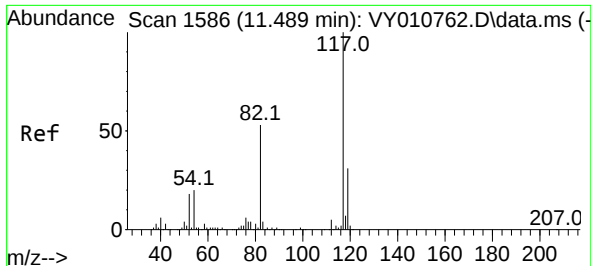
Tgt Ion: 98 Resp: 333411
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.532 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010804.D
Acq: 04 Oct 2022 18:34

Tgt Ion: 95 Resp: 118196
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY010804.D

Acq: 04 Oct 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

PAT-03-100322

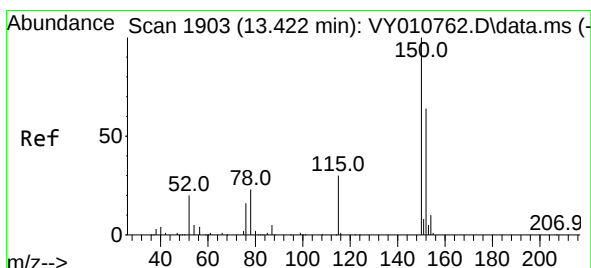
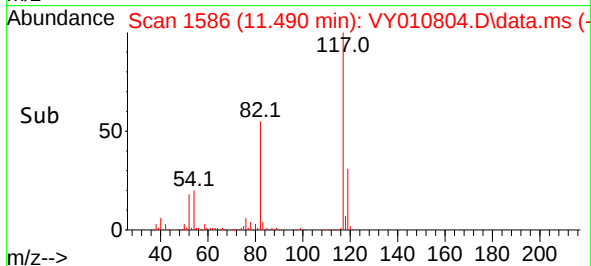
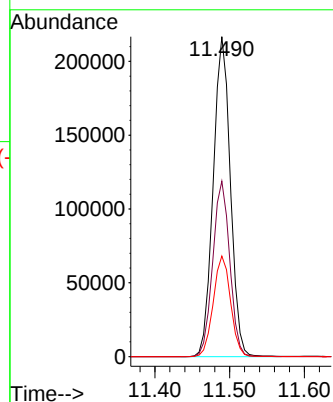
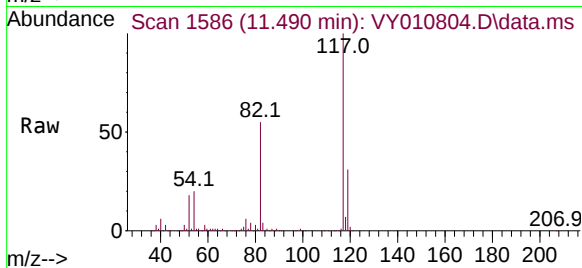
Tgt Ion:117 Resp: 346082

Ion Ratio Lower Upper

117 100

82 54.8 43.0 64.4

119 31.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010804.D

Acq: 04 Oct 2022 18:34

Tgt Ion:152 Resp: 147723

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 157.4 0.0 347.6

