

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015797.D
 Acq On : 03 Oct 2023 11:28
 Operator : SY/MD
 Sample : VY1003SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1003SBL01

Quant Time: Oct 04 01:05:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	161334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87937	49.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.716	113	76586	45.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.380%
50) Toluene-d8	10.179	98	279776	49.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.483	95	94727	42.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.940%

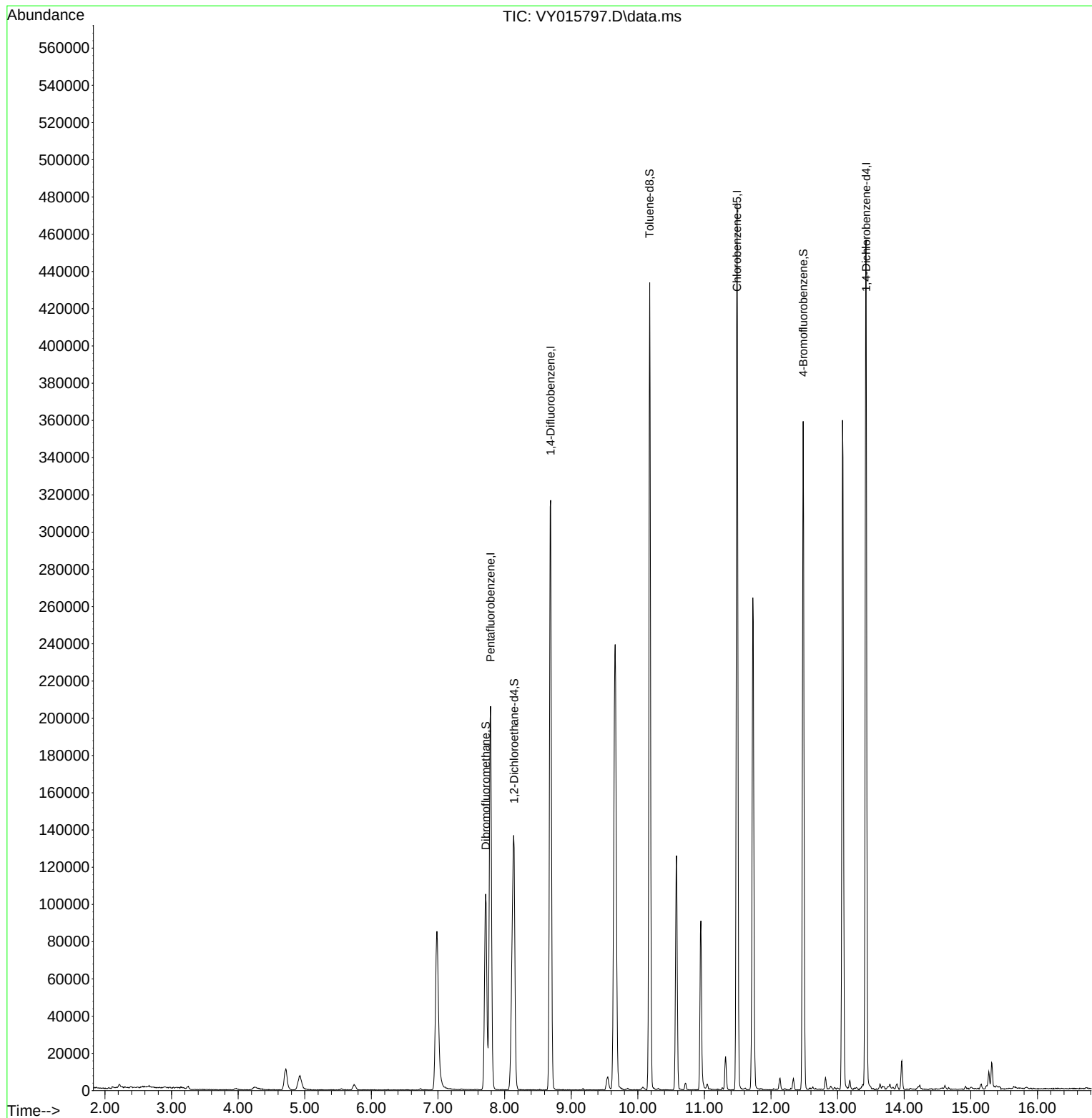
Target Compounds	Qvalue

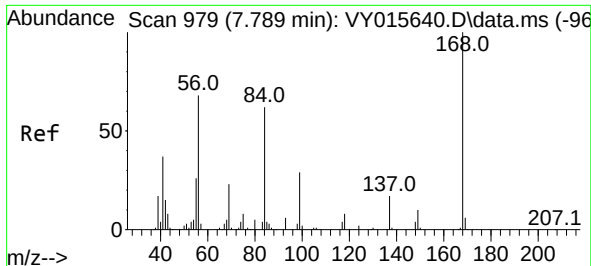
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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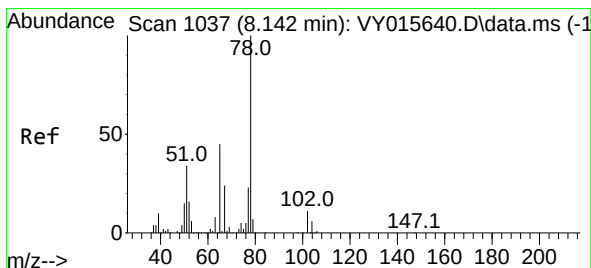
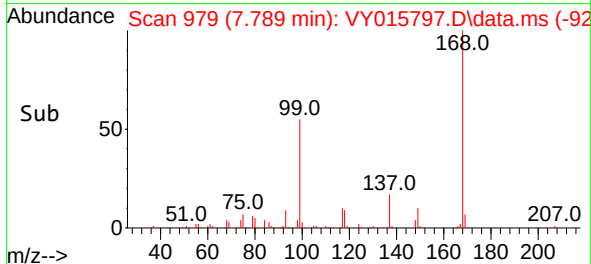
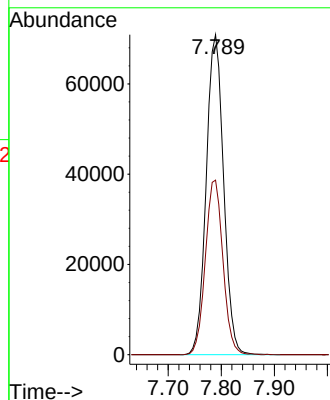
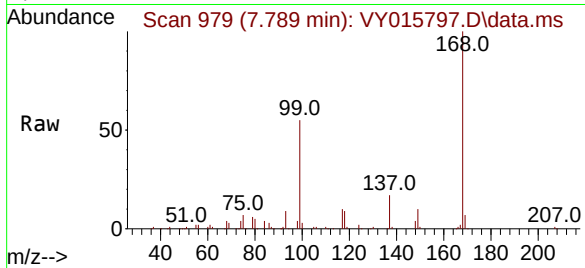




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

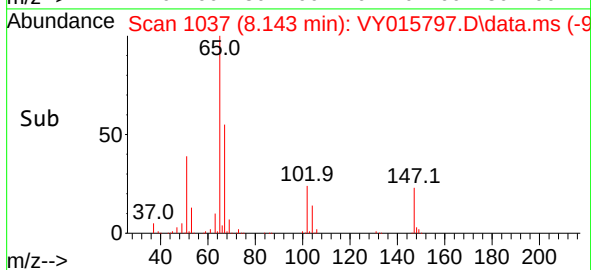
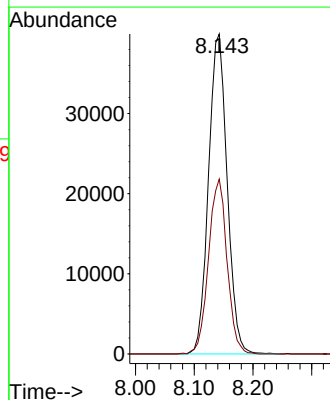
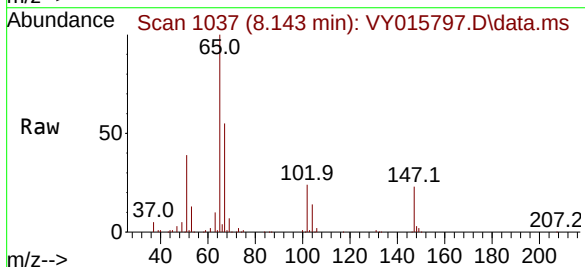
Instrument :
MSVOA_Y
ClientSampleId :
VY1003SBL01

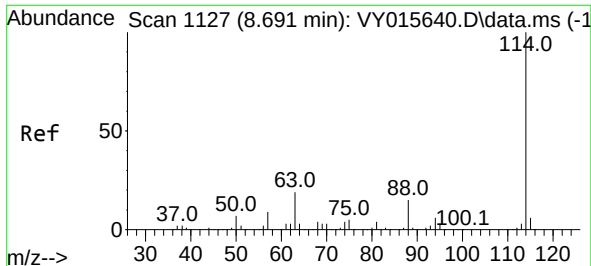
Tgt Ion:168 Resp: 161334
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.539 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

Tgt Ion: 65 Resp: 87937
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.8

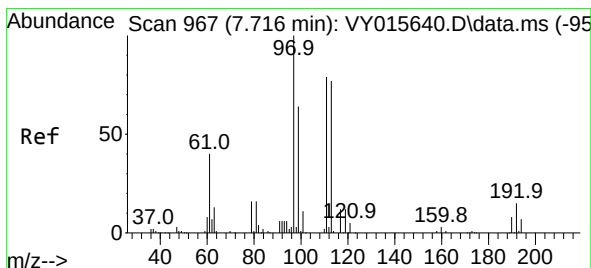
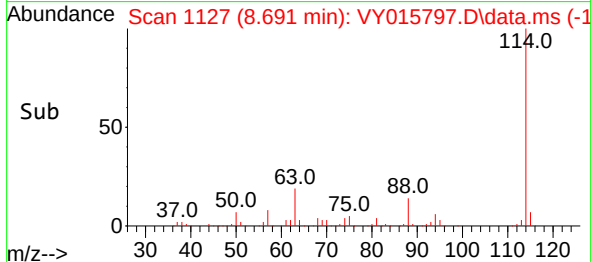
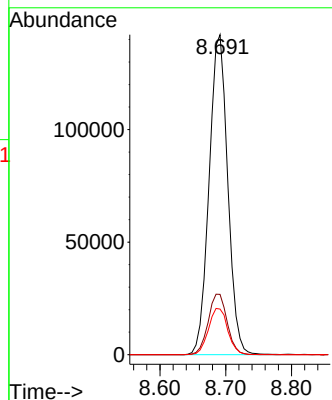
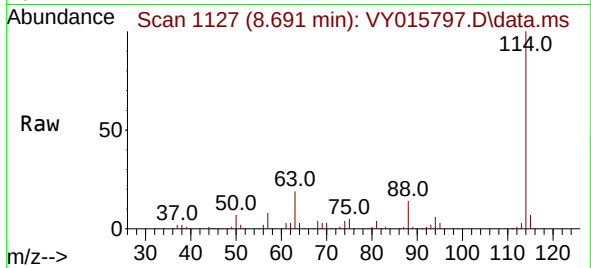




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

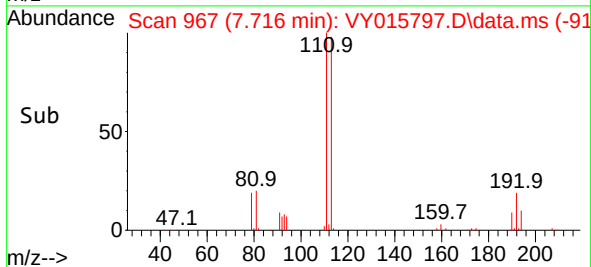
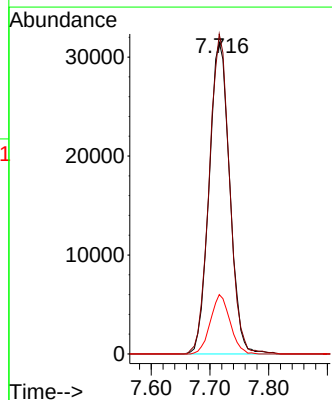
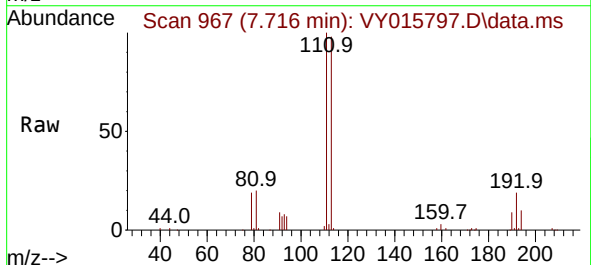
Instrument :
MSVOA_Y
ClientSampleId :
VY1003SBL01

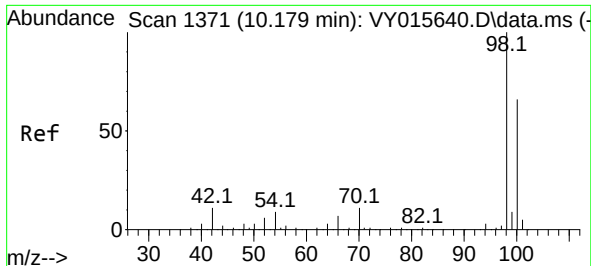
Tgt Ion:114 Resp: 280041
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.692 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

Tgt Ion:113 Resp: 76586
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 18.2 16.9 25.3

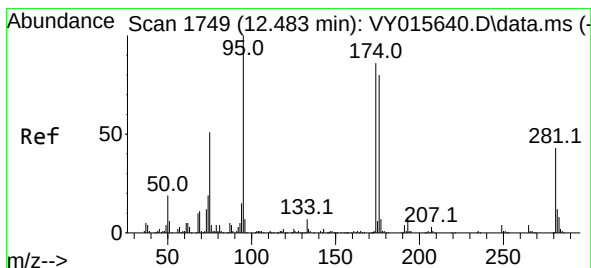
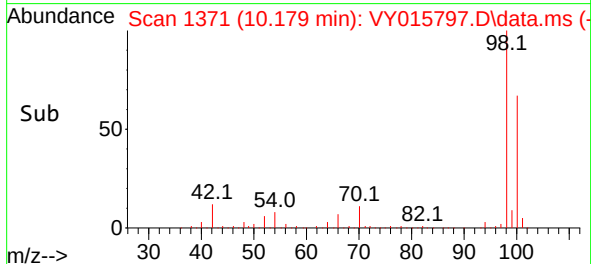
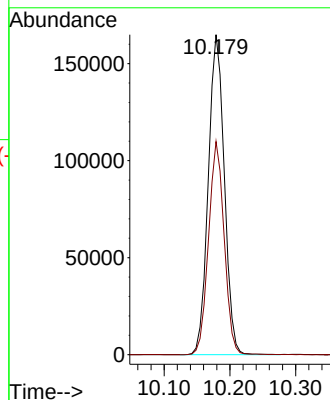
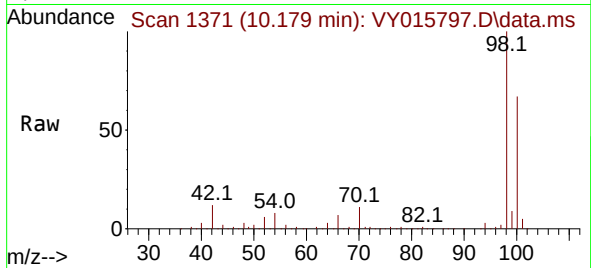




#50
Toluene-d8
Concen: 49.229 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

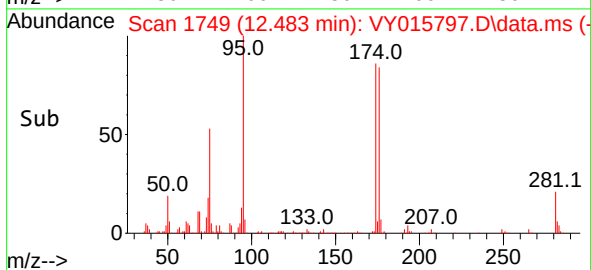
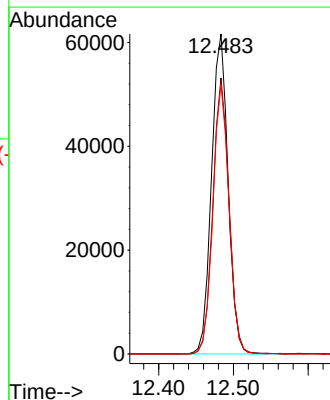
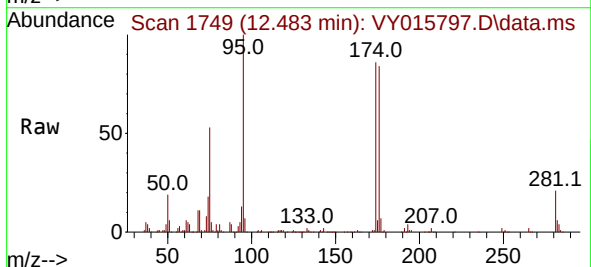
Instrument :
MSVOA_Y
ClientSampleId :
VY1003SBL01

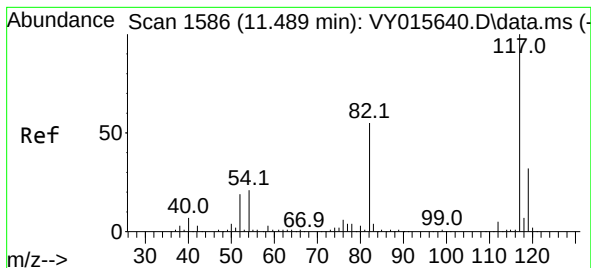
Tgt Ion: 98 Resp: 279776
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.473 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

Tgt Ion: 95 Resp: 94727
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015797.D

Acq: 03 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1003SBL01

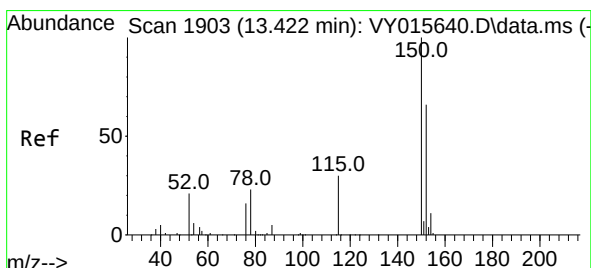
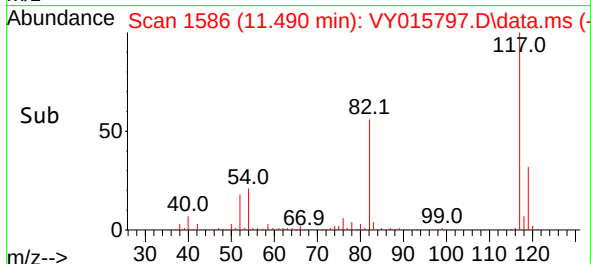
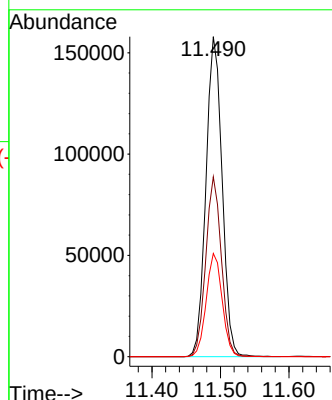
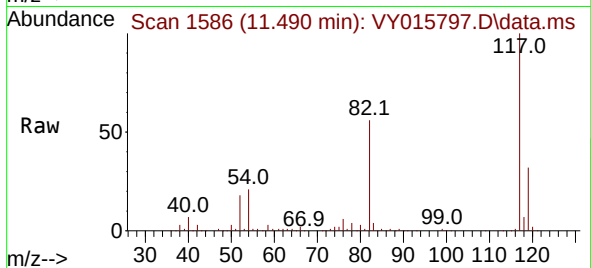
Tgt Ion:117 Resp: 259031

Ion Ratio Lower Upper

117 100

82 56.2 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: VY015797.D

Acq: 03 Oct 2023 11:28

Tgt Ion:152 Resp: 119228

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.2 0.0 348.8

