

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015839.D
 Acq On : 04 Oct 2023 19:47
 Operator : SY/MD
 Sample : 04731-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DTP-3

Quant Time: Oct 05 06:59:05 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	319056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	552007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	505957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	238726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	202218	57.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.200%
35) Dibromofluoromethane	7.716	113	174477	52.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.620%
50) Toluene-d8	10.179	98	647919	57.837	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.680%
62) 4-Bromofluorobenzene	12.477	95	227487	51.746	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.500%

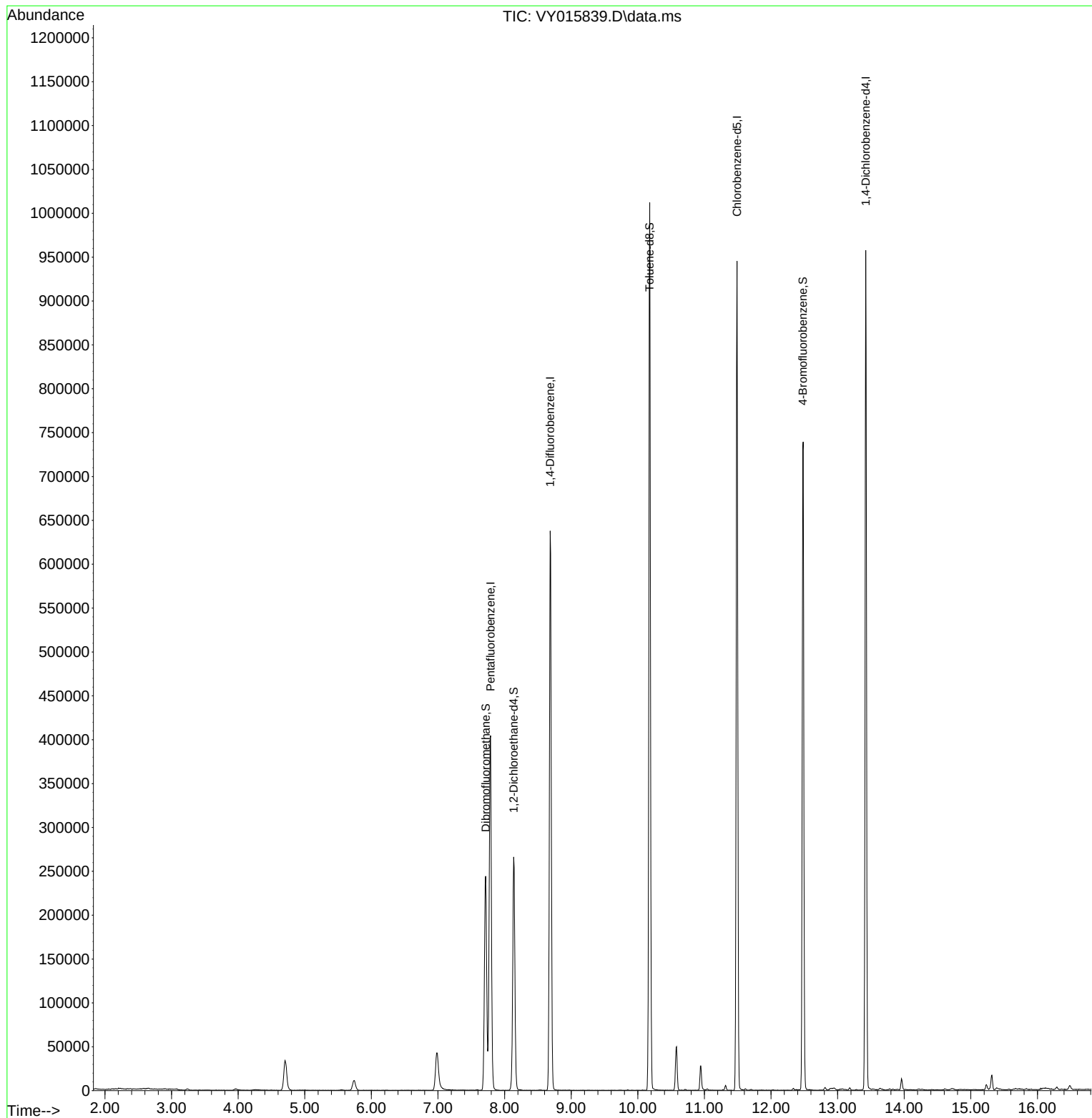
Target Compounds	Qvalue

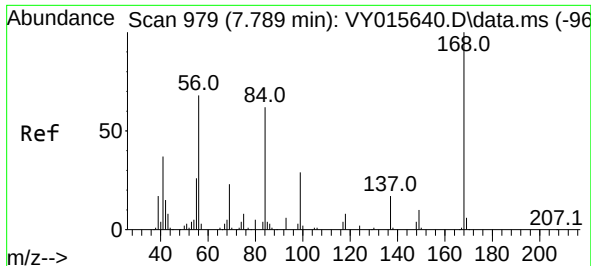
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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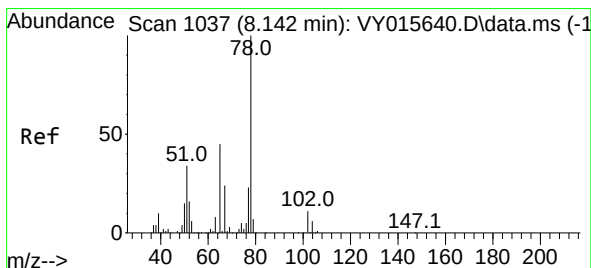
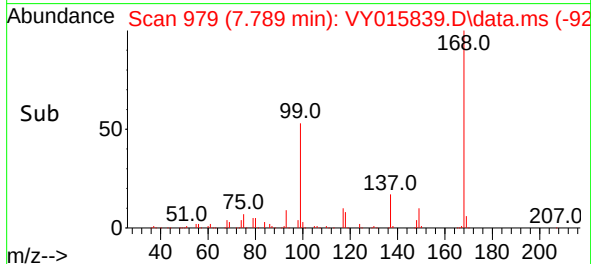
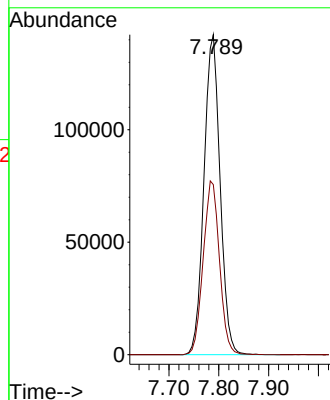
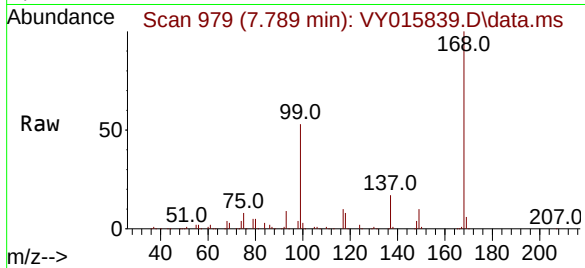




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

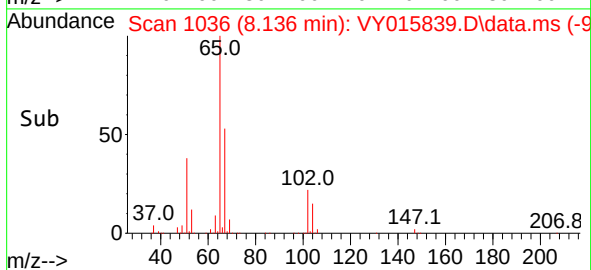
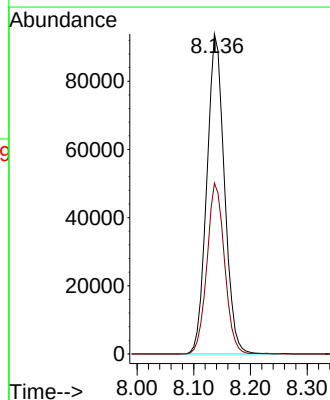
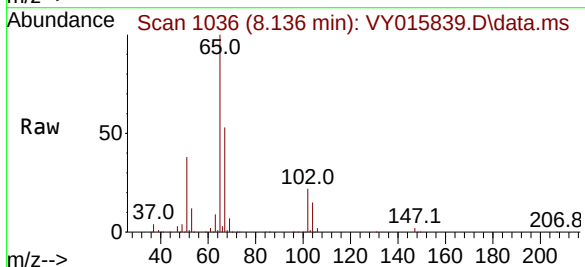
Instrument :
MSVOA_Y
ClientSampleId :
DTP-3

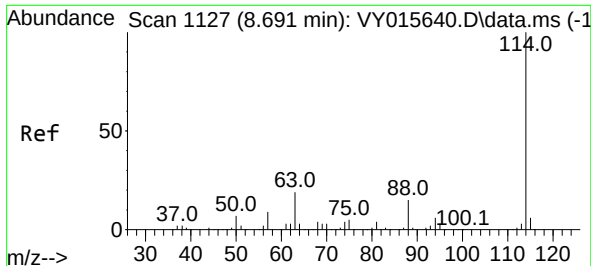
Tgt Ion:168 Resp: 319056
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.604 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

Tgt Ion: 65 Resp: 202218
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8

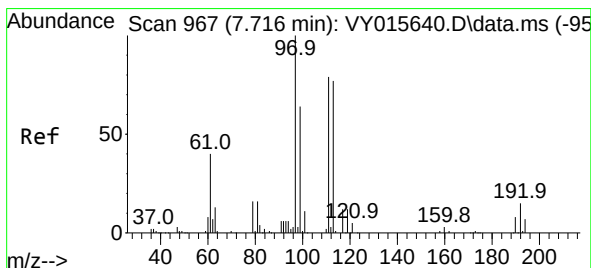
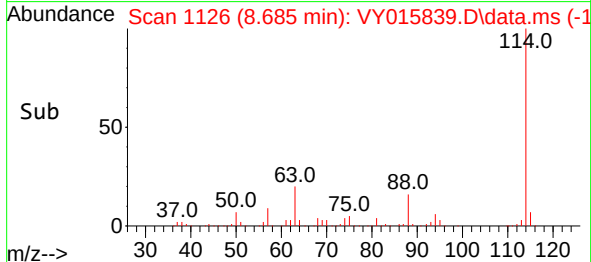
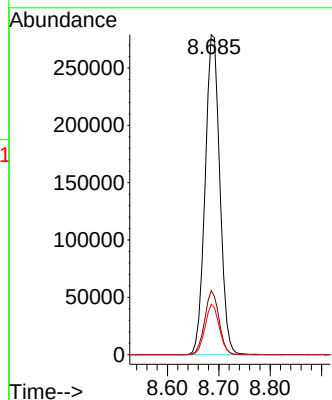
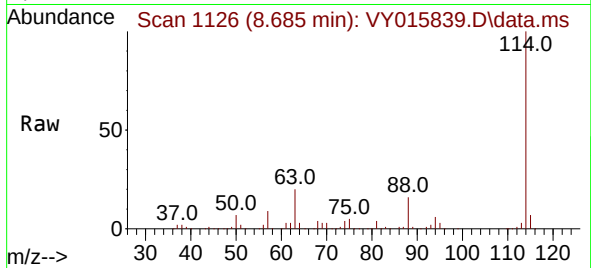




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

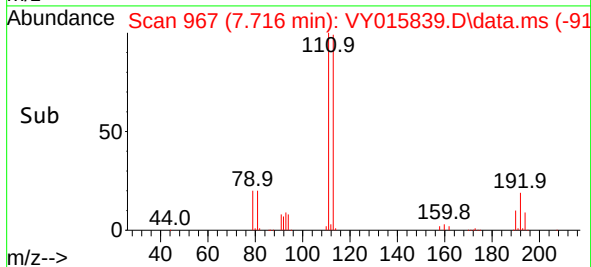
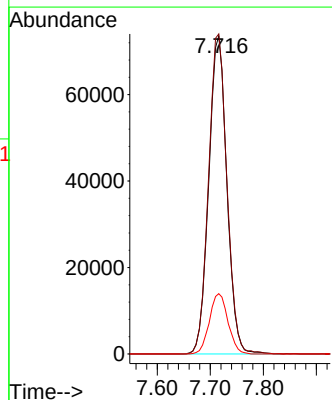
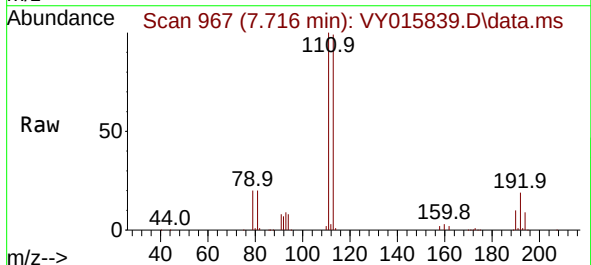
Instrument :
MSVOA_Y
ClientSampleId :
DTP-3

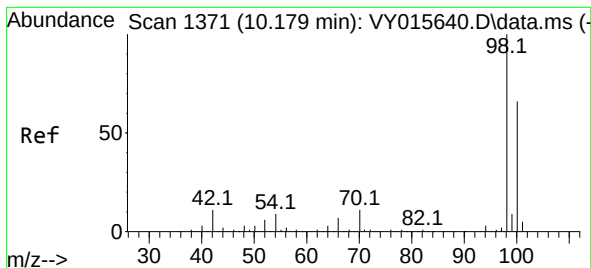
Tgt Ion:114 Resp: 552007
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.809 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015839.D
Acq: 04 Oct 2023 19:47

Tgt Ion:113 Resp: 174477
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.4 16.9 25.3





#50

Toluene-d8

Concen: 57.837 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015839.D

Acq: 04 Oct 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

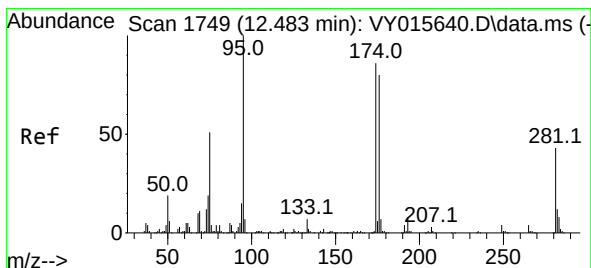
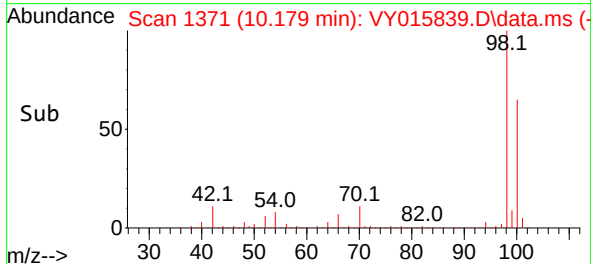
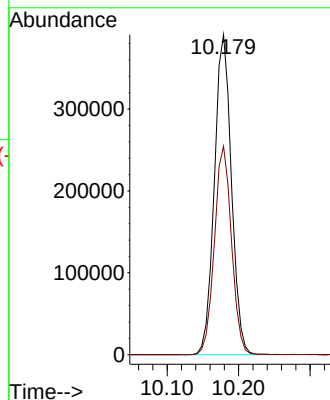
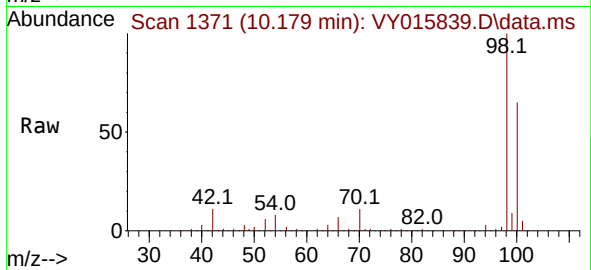
DTP-3

Tgt Ion: 98 Resp: 647919

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.746 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015839.D

Acq: 04 Oct 2023 19:47

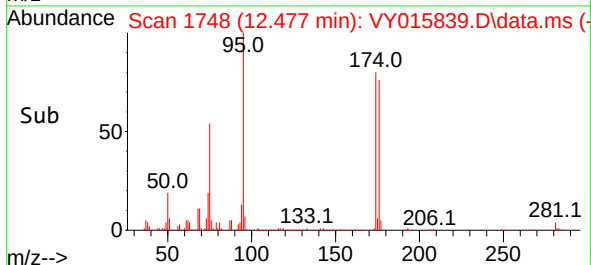
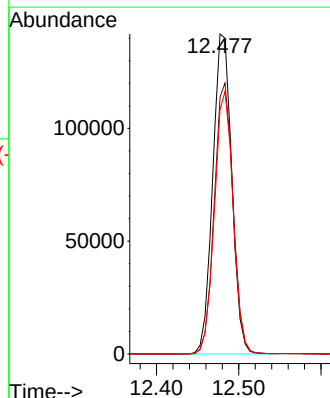
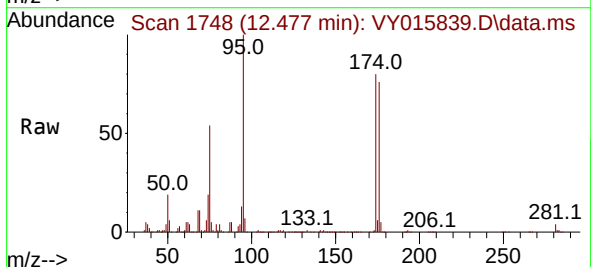
Tgt Ion: 95 Resp: 227487

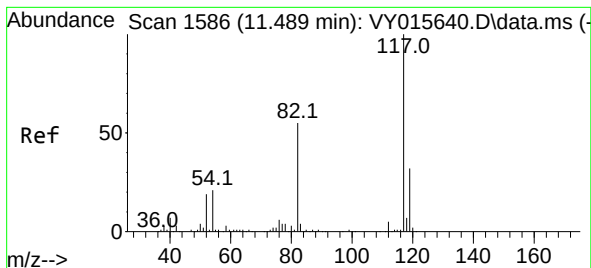
Ion Ratio Lower Upper

95 100

174 83.9 0.0 178.2

176 80.7 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: VY015839.D

Acq: 04 Oct 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

DTP-3

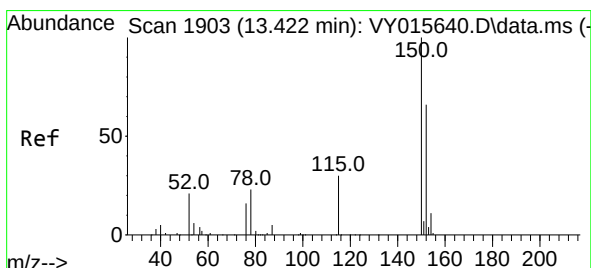
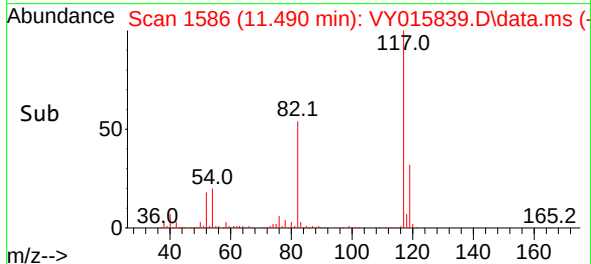
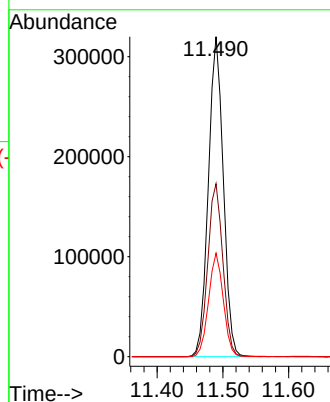
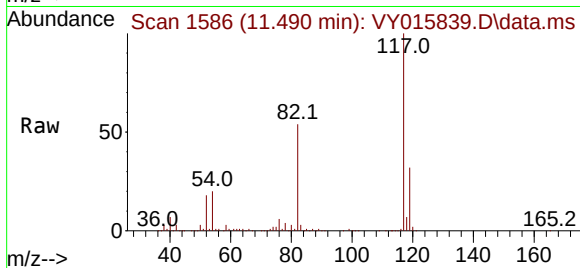
Tgt Ion:117 Resp: 505957

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.3 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: VY015839.D

Acq: 04 Oct 2023 19:47

Tgt Ion:152 Resp: 238726

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.2 0.0 348.8

