

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015837.D
 Acq On : 04 Oct 2023 19:00
 Operator : SY/MD
 Sample : 04731-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DTP-1

Quant Time: Oct 05 06:58:27 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	304579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	528550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	489727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	233195	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	191166	57.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.716	113	164994	52.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.300%
50) Toluene-d8	10.179	98	620318	57.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.660%
62) 4-Bromofluorobenzene	12.477	95	224713	53.383	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.760%

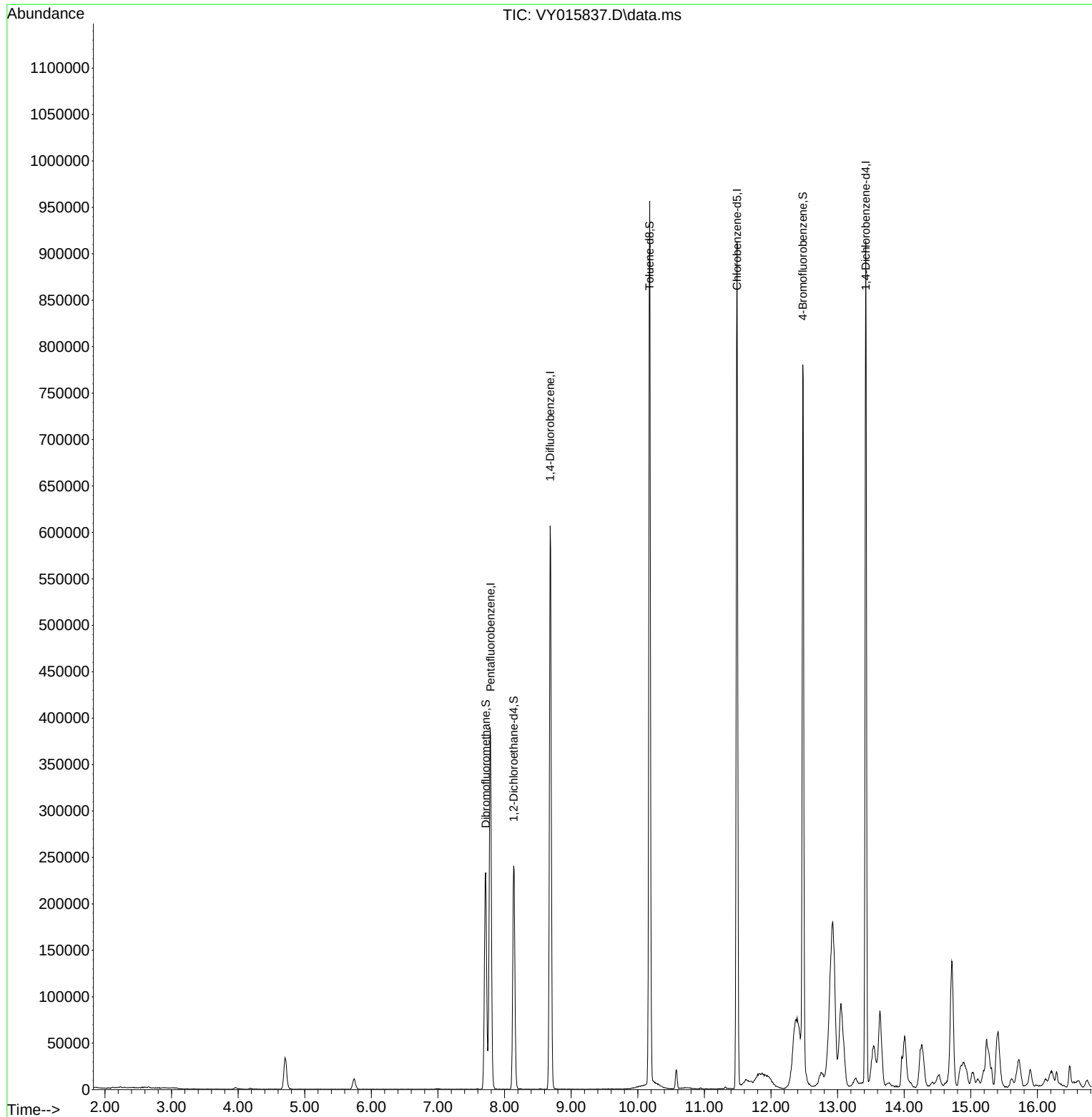
Target Compounds	Qvalue

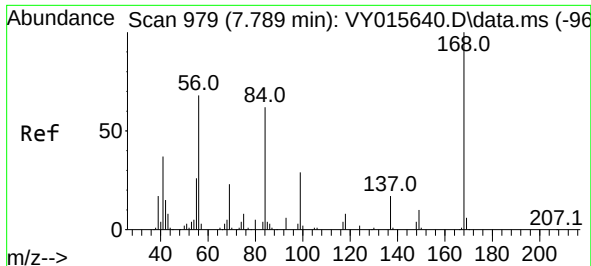
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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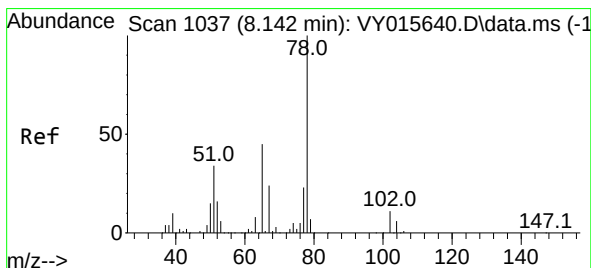
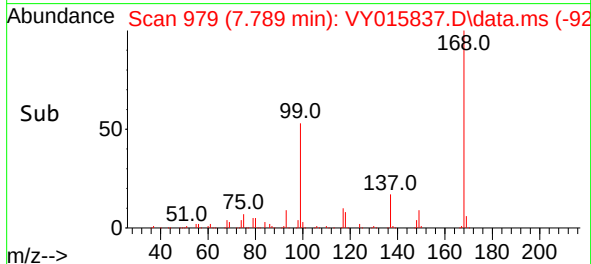
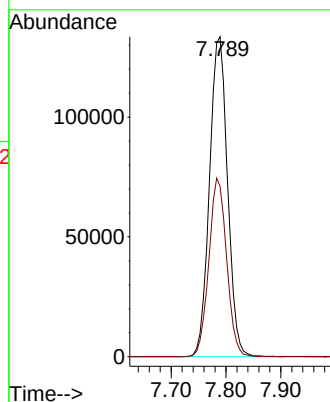
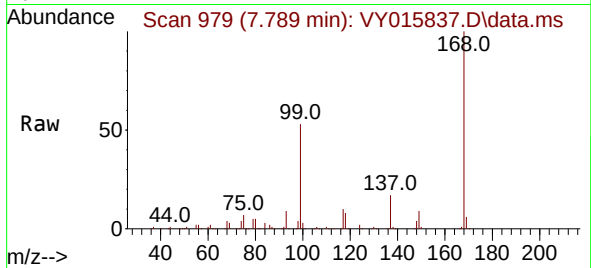




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015837.D
Acq: 04 Oct 2023 19:00

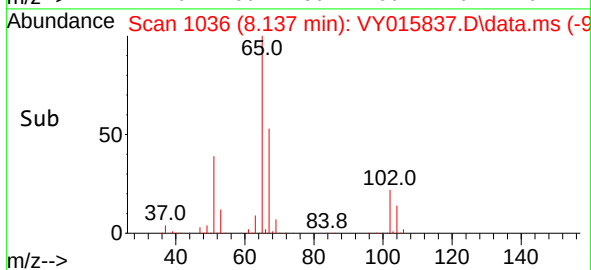
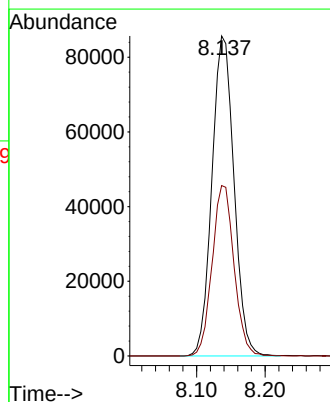
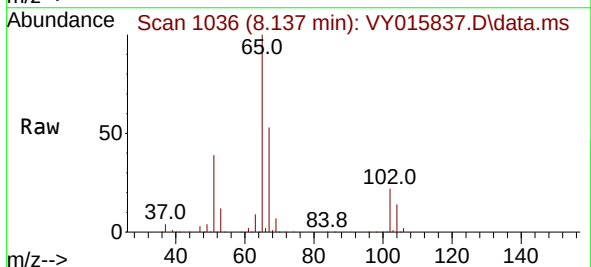
Instrument :
MSVOA_Y
ClientSampleId :
DTP-1

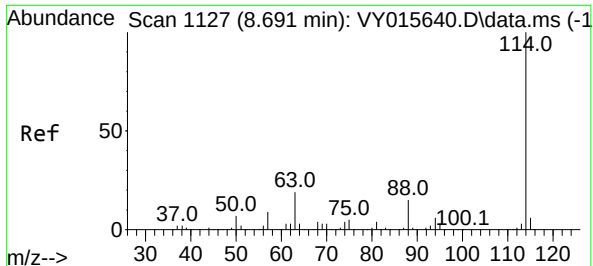
Tgt Ion:168 Resp: 304579
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.044 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY015837.D
Acq: 04 Oct 2023 19:00

Tgt Ion: 65 Resp: 191166
Ion Ratio Lower Upper
65 100
67 53.0 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: VY015837.D

Acq: 04 Oct 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

DTP-1

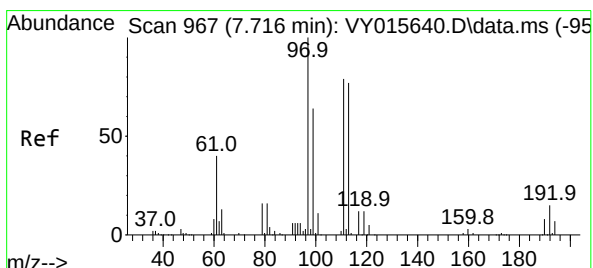
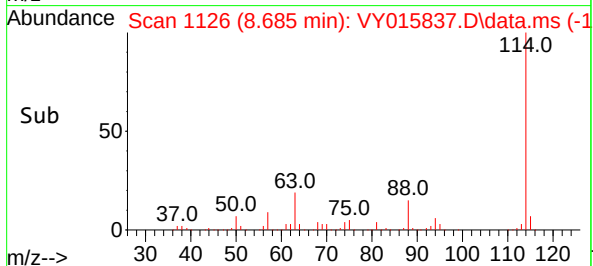
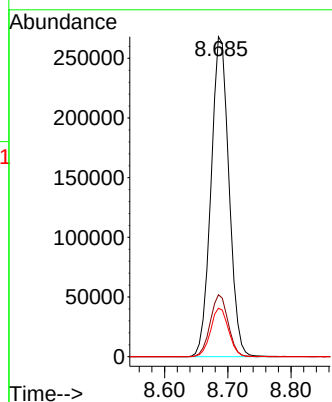
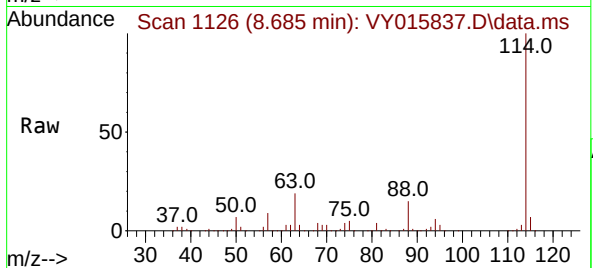
Tgt Ion:114 Resp: 528550

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.155 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015837.D

Acq: 04 Oct 2023 19:00

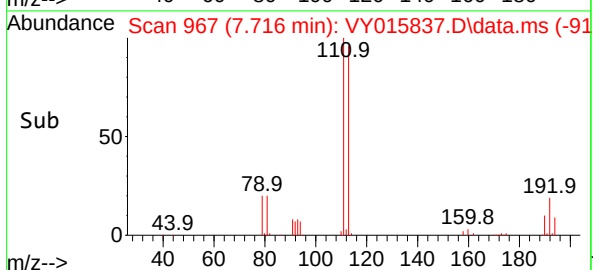
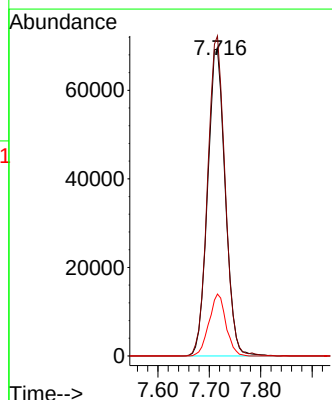
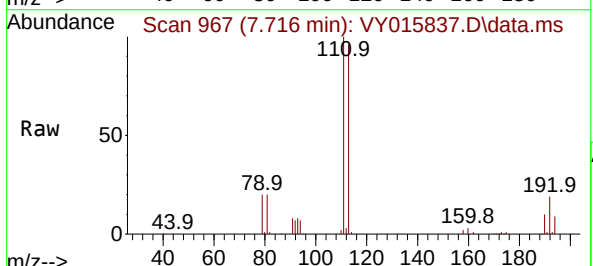
Tgt Ion:113 Resp: 164994

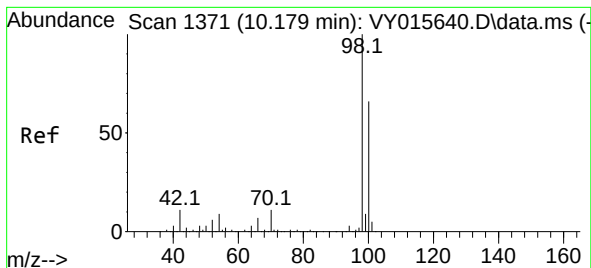
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.4 16.9 25.3

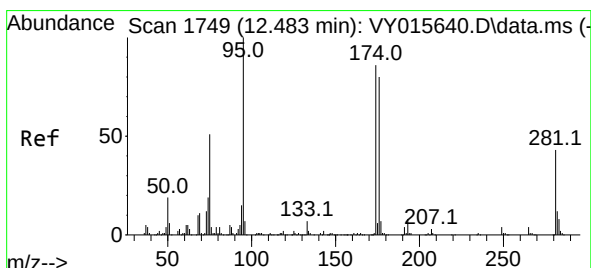
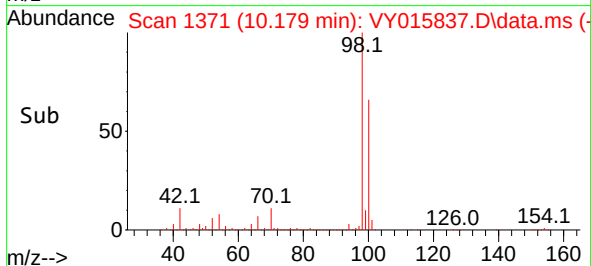
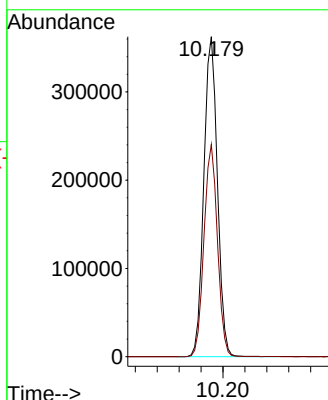
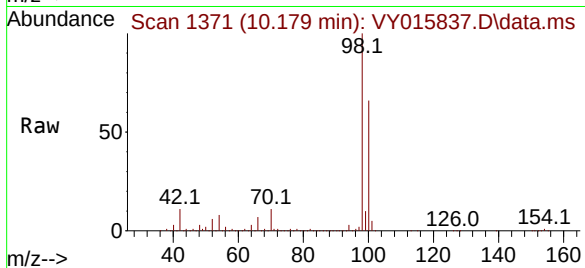




#50
Toluene-d8
Concen: 57.831 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015837.D
Acq: 04 Oct 2023 19:00

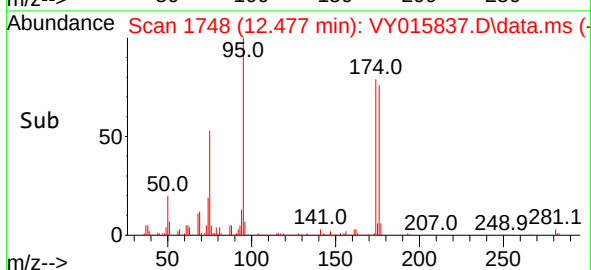
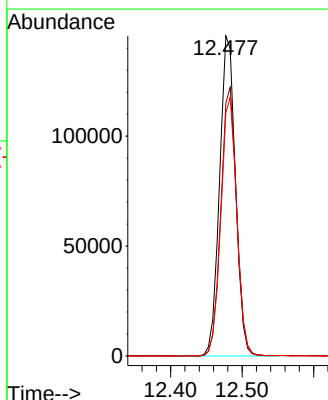
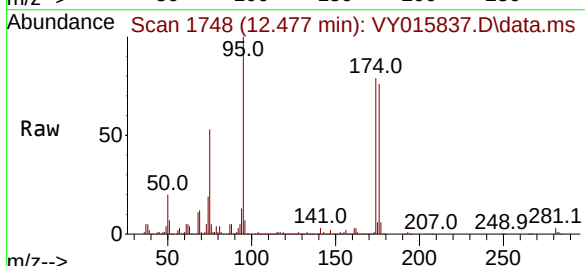
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DTP-1

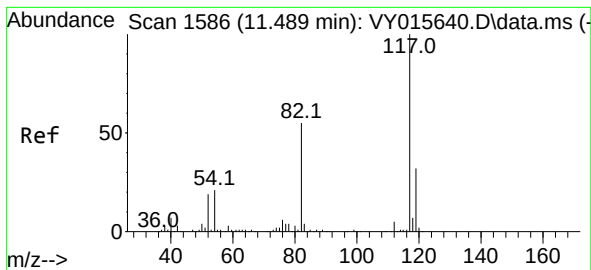
Tgt Ion: 98 Resp: 620318
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.383 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015837.D
Acq: 04 Oct 2023 19:00

Tgt Ion: 95 Resp: 224713
Ion Ratio Lower Upper
95 100
174 83.6 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: VY015837.D

Acq: 04 Oct 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

DTP-1

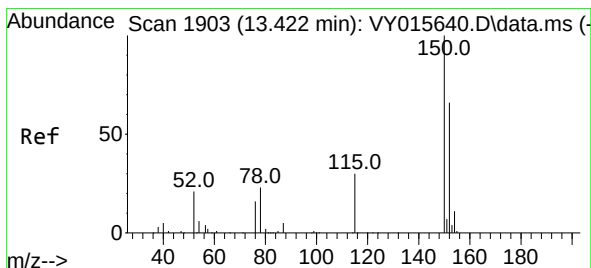
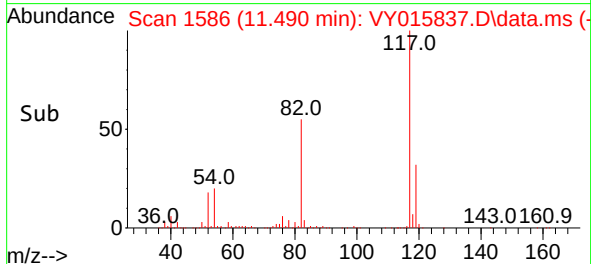
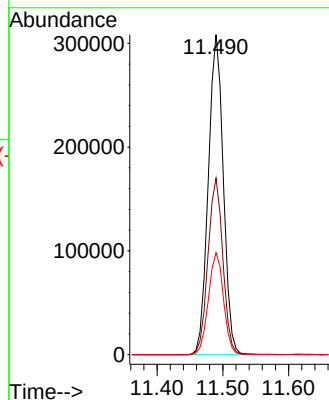
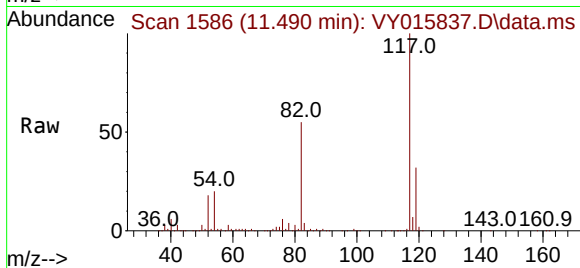
Tgt Ion:117 Resp: 489727

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 31.8 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: VY015837.D

Acq: 04 Oct 2023 19:00

Tgt Ion:152 Resp: 233195

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 156.8 0.0 348.8

