

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013890.D
 Acq On : 26 May 2023 14:02
 Operator : KP/MD
 Sample : VY0526SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0526SBL01

Quant Time: May 26 16:50:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	233851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	158708	58.663	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.320%
35) Dibromofluoromethane	7.716	113	129569	53.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.920%
50) Toluene-d8	10.179	98	453101	49.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.483	95	145932	47.659	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.320%

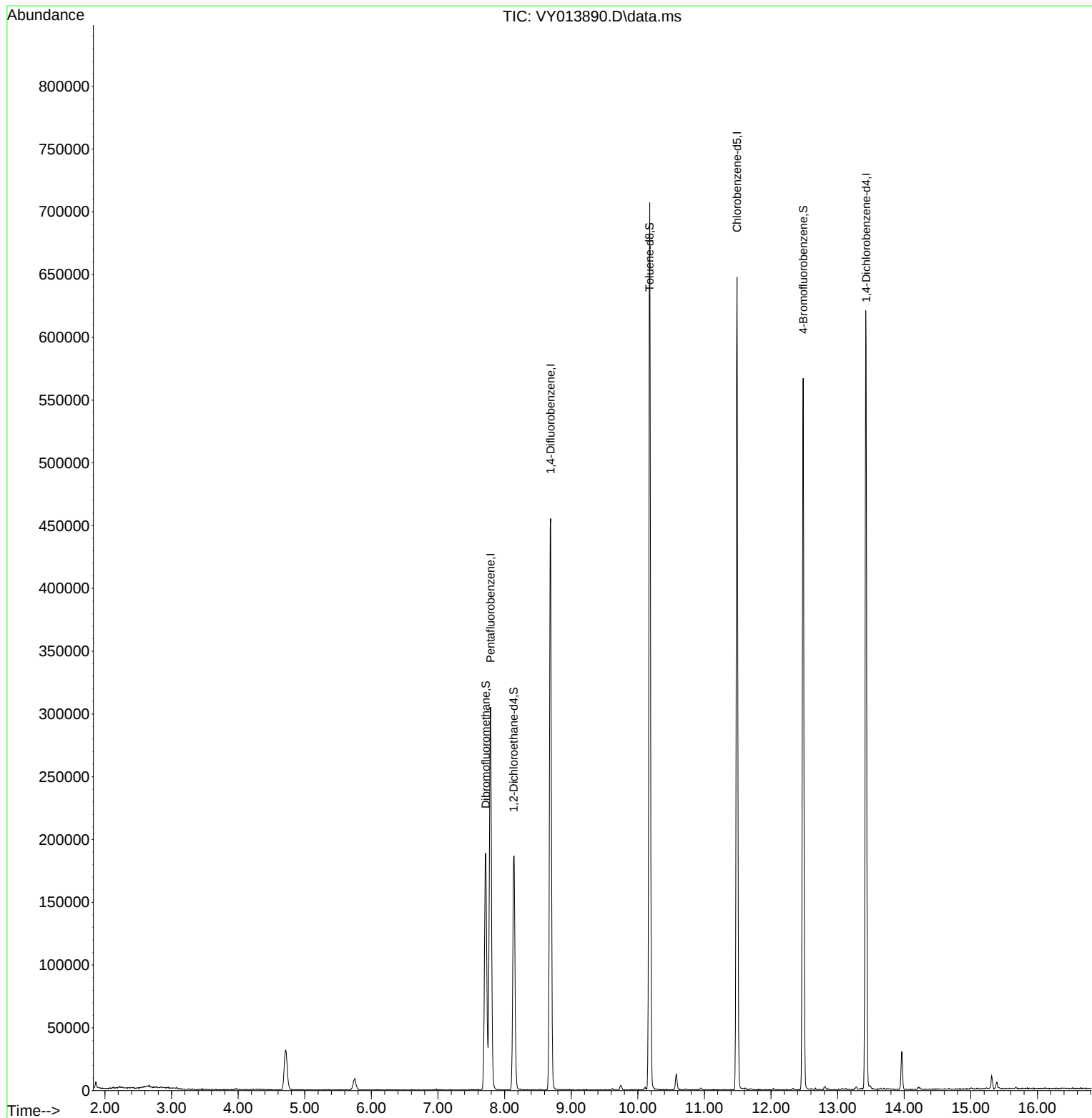
Target Compounds	Qvalue

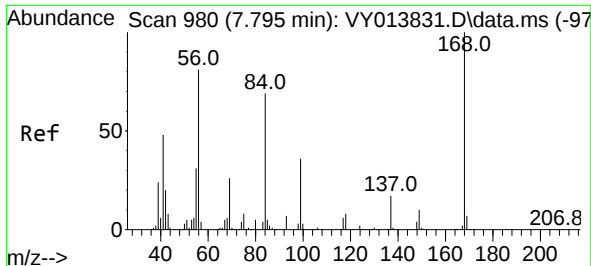
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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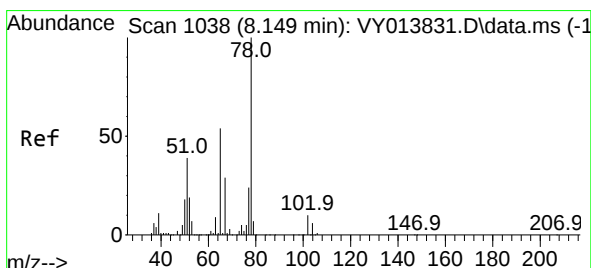
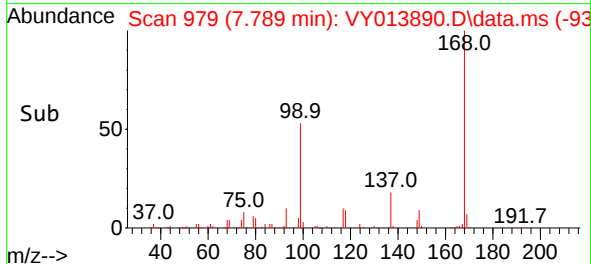
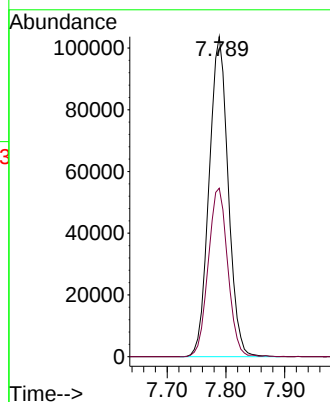
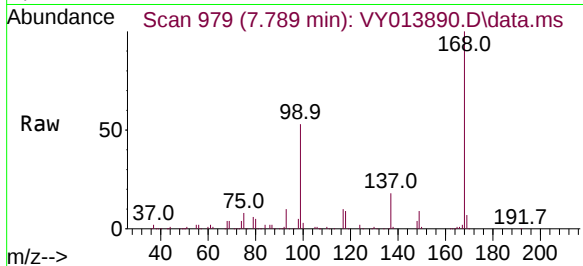




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

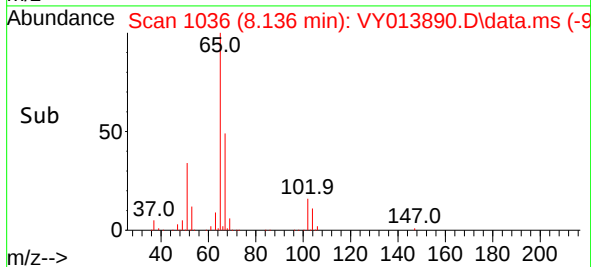
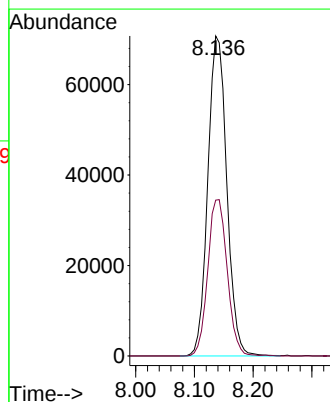
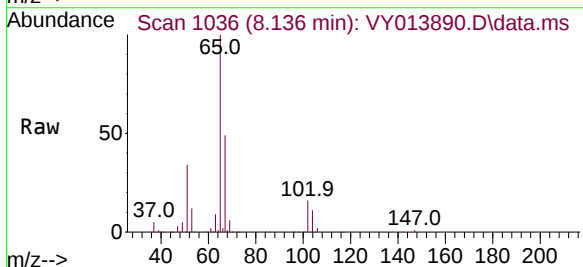
Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

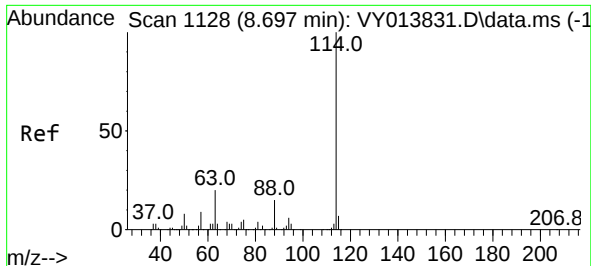
Tgt Ion:168 Resp: 233851
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 58.663 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

Tgt Ion: 65 Resp: 158708
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013890.D

Acq: 26 May 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0526SBL01

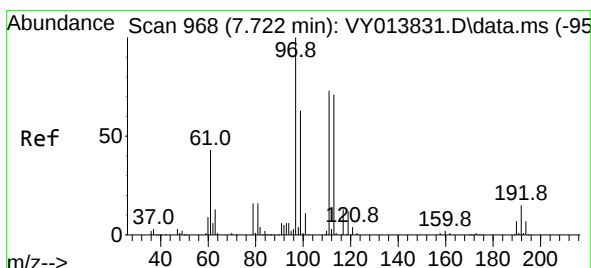
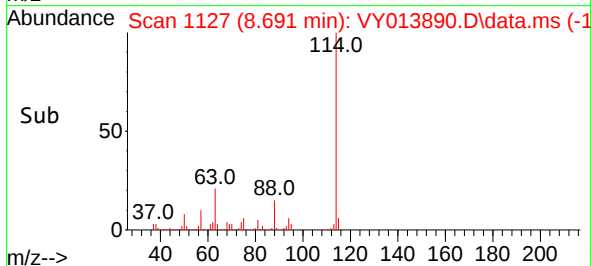
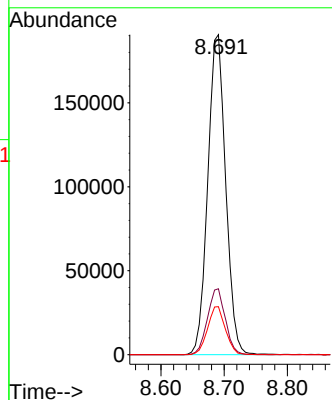
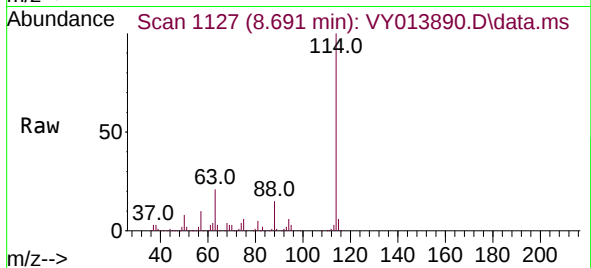
Tgt Ion:114 Resp: 375300

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.0 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.459 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013890.D

Acq: 26 May 2023 14:02

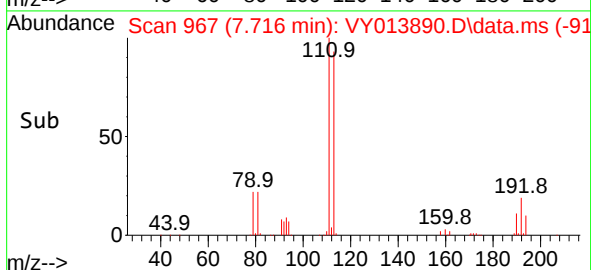
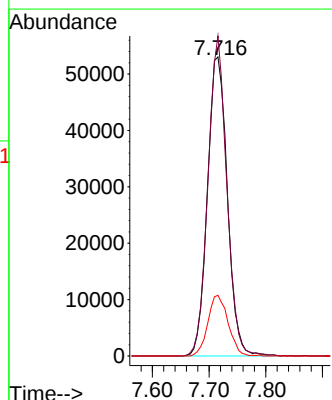
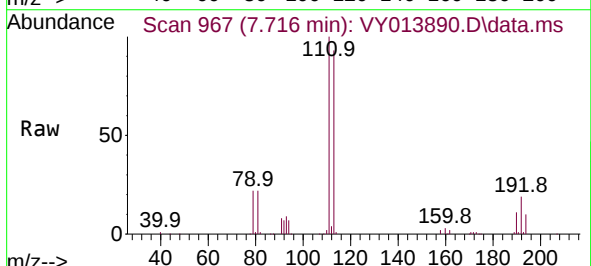
Tgt Ion:113 Resp: 129569

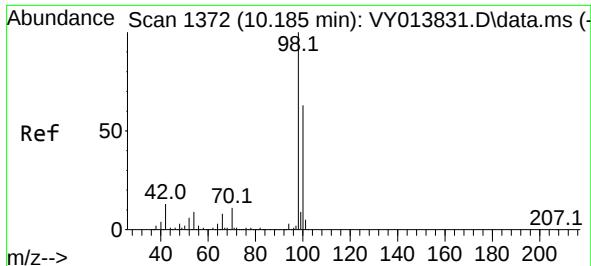
Ion Ratio Lower Upper

113 100

111 101.3 80.4 120.6

192 20.6 16.6 25.0

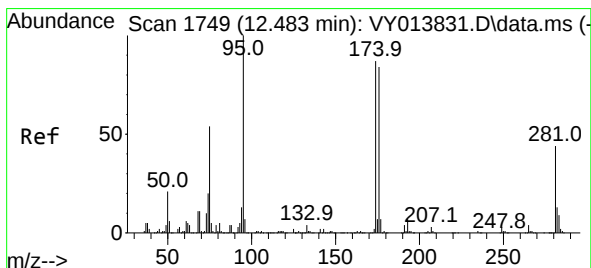
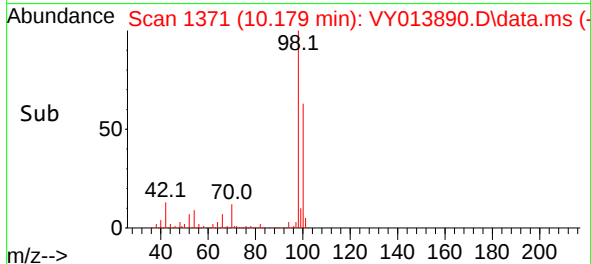
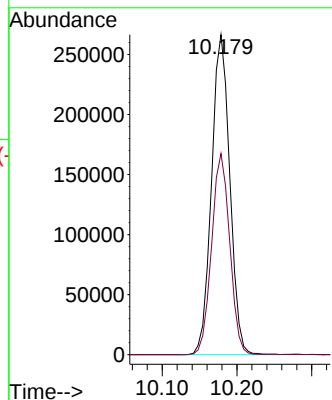
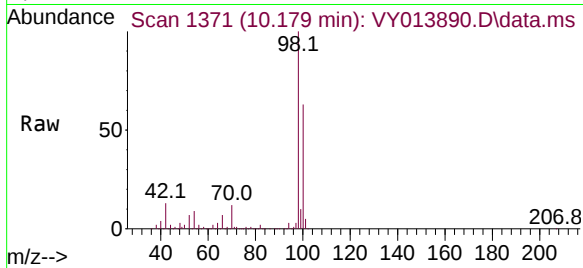




#50
Toluene-d8
Concen: 49.187 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

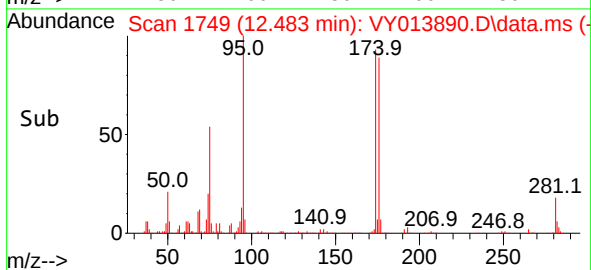
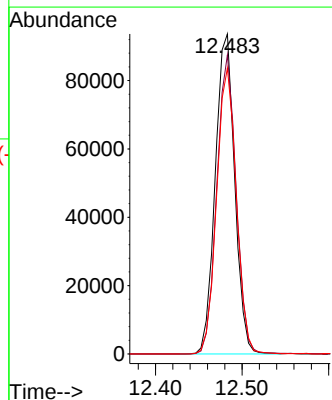
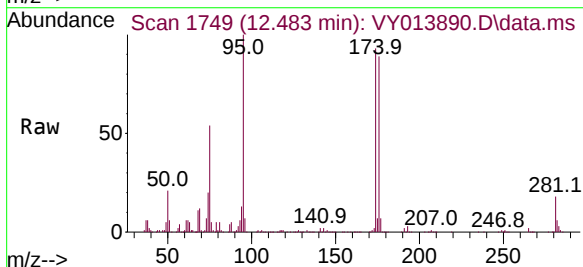
Instrument :
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VY0526SBL01

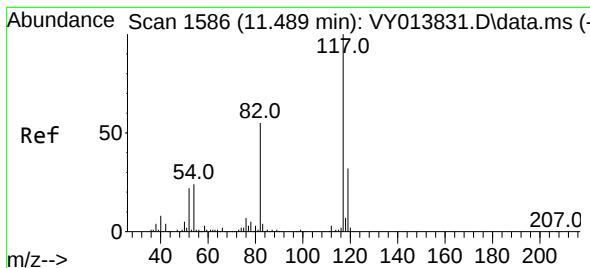
Tgt Ion: 98 Resp: 453101
Ion Ratio Lower Upper
98 100
100 62.5 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 47.659 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013890.D
Acq: 26 May 2023 14:02

Tgt Ion: 95 Resp: 145932
Ion Ratio Lower Upper
95 100
174 93.1 0.0 176.0
176 90.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013890.D

Acq: 26 May 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0526SBL01

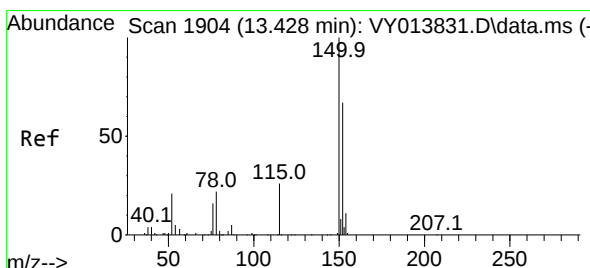
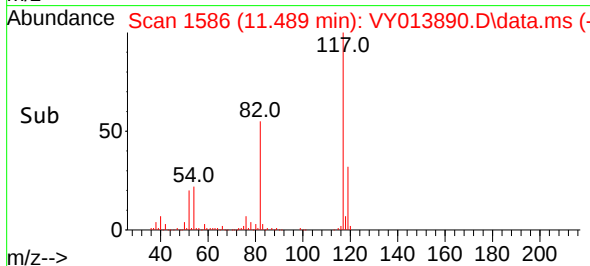
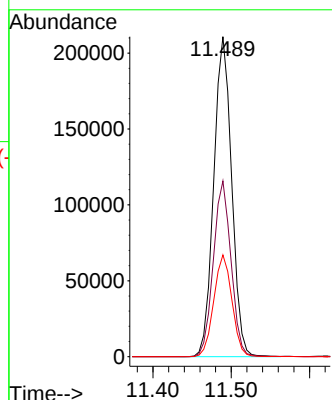
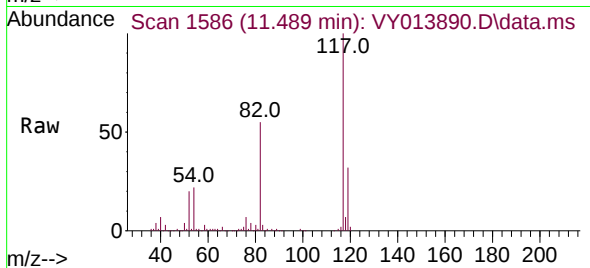
Tgt Ion:117 Resp: 334914

Ion Ratio Lower Upper

117 100

82 54.9 44.2 66.4

119 31.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013890.D

Acq: 26 May 2023 14:02

Tgt Ion:152 Resp: 159911

Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 156.0 0.0 353.4

