

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013356.D
 Acq On : 19 Apr 2023 19:26
 Operator : KP/MD
 Sample : 02389-02
 Misc : 4.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-1WC-23-04-17

Quant Time: Apr 20 06:57:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	202363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	340579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	314564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130172	53.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.060%
35) Dibromofluoromethane	7.716	113	115344	52.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.620%
50) Toluene-d8	10.179	98	405834	49.450	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.483	95	129716	48.646	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.300%

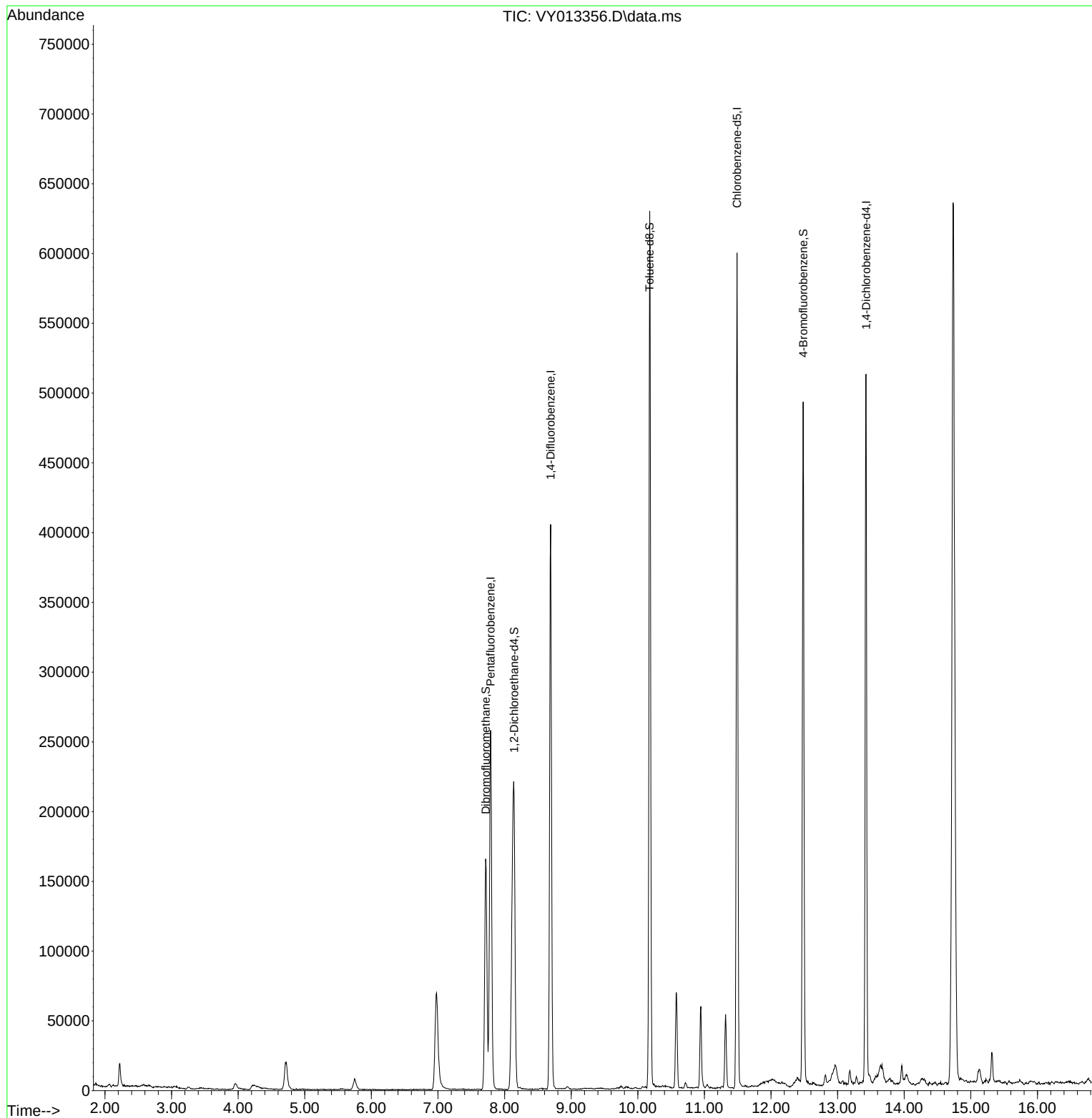
Target Compounds	Qvalue

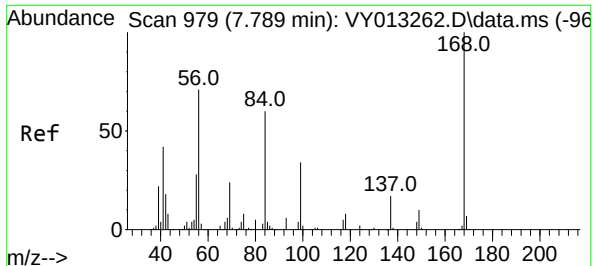
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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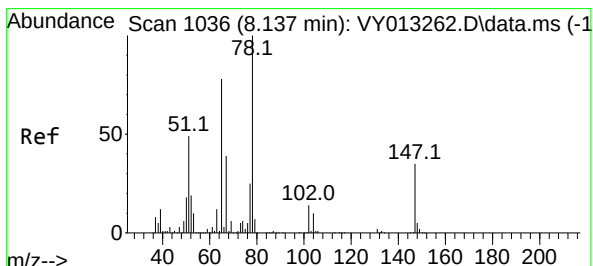
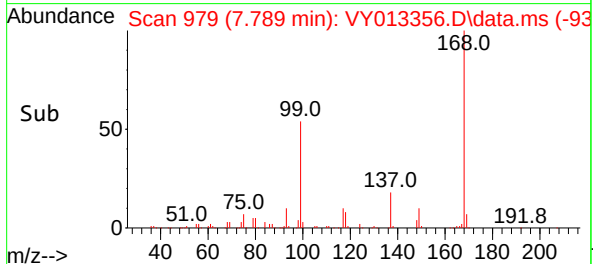
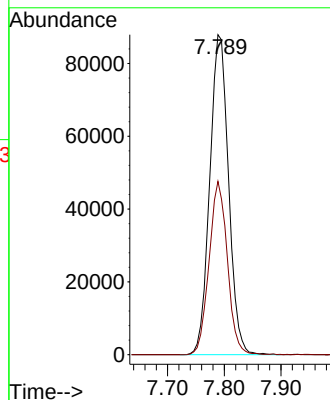
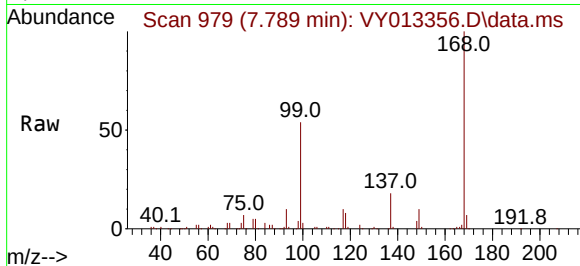




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013356.D
Acq: 19 Apr 2023 19:26

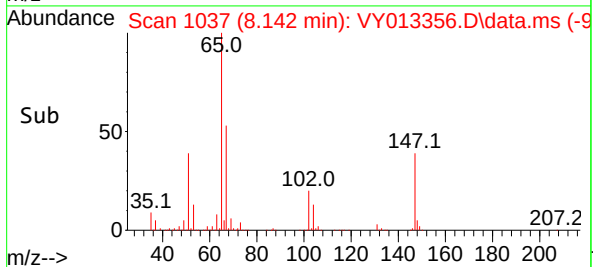
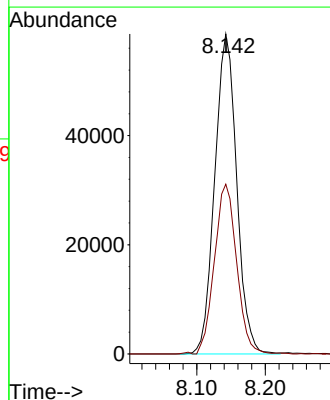
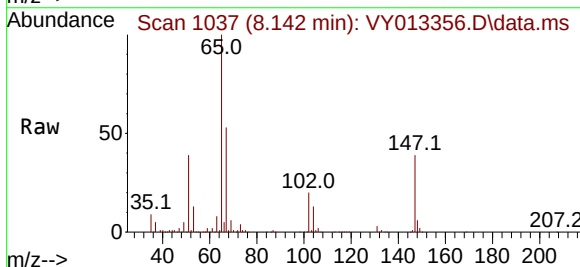
Instrument :
MSVOA_Y
ClientSampleId :
SPB-1WC-23-04-17

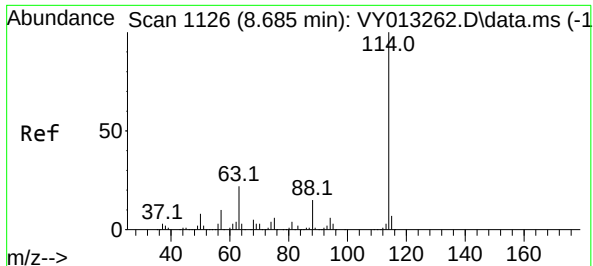
Tgt Ion:168 Resp: 202363
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 53.526 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013356.D
Acq: 19 Apr 2023 19:26

Tgt Ion: 65 Resp: 130172
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013356.D

Acq: 19 Apr 2023 19:26

Instrument :

MSVOA_Y

ClientSampleId :

SPB-1WC-23-04-17

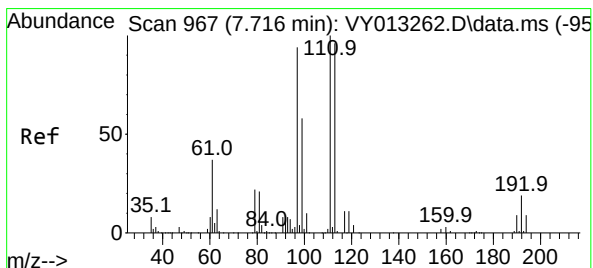
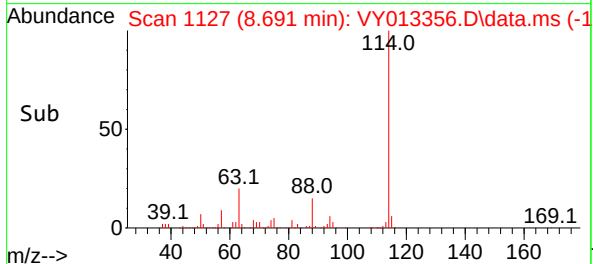
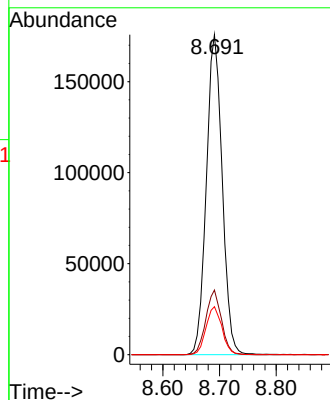
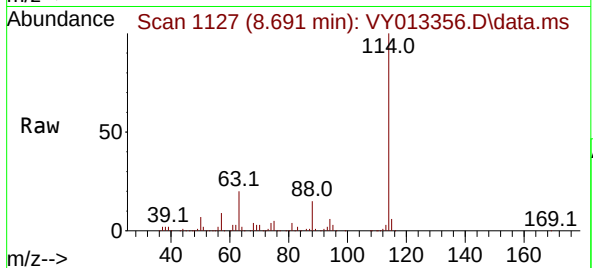
Tgt Ion:114 Resp: 340579

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 52.313 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013356.D

Acq: 19 Apr 2023 19:26

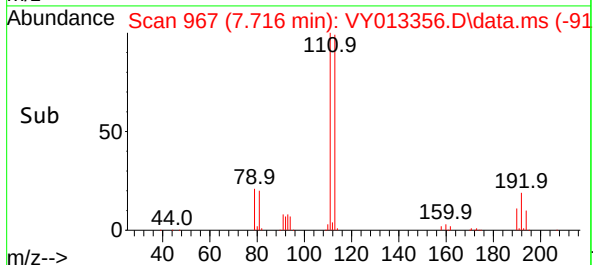
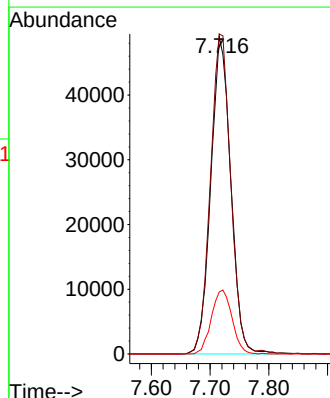
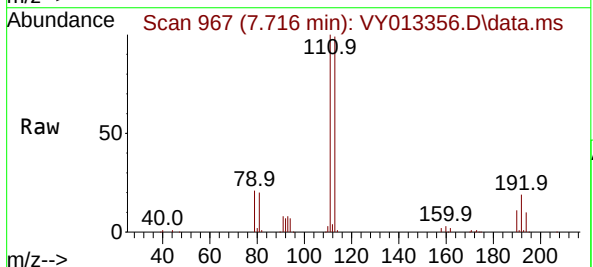
Tgt Ion:113 Resp: 115344

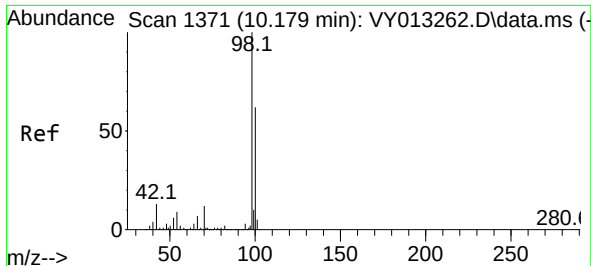
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 20.9 16.8 25.2

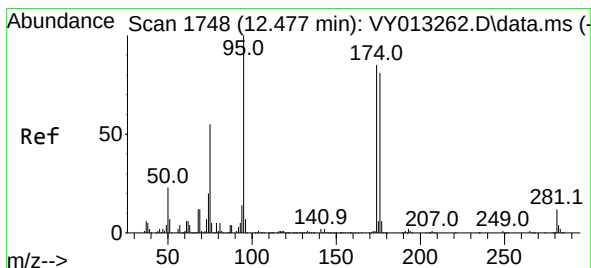
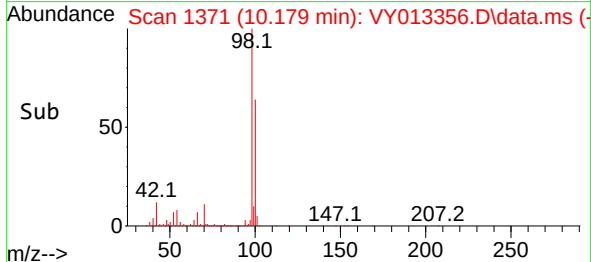
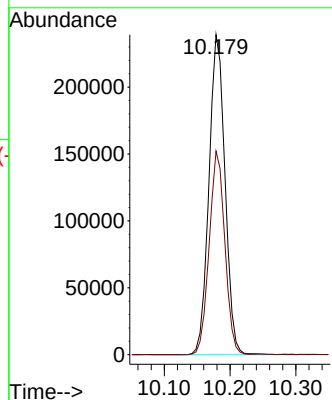
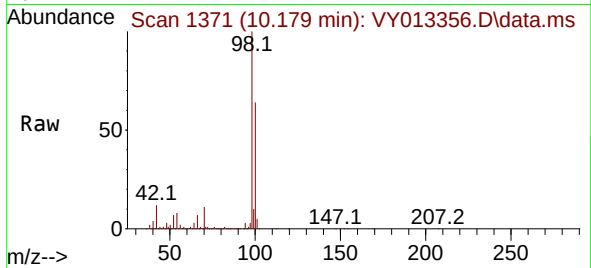




#50
Toluene-d8
Concen: 49.450 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013356.D
Acq: 19 Apr 2023 19:26

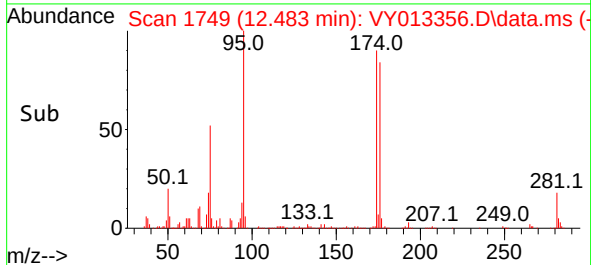
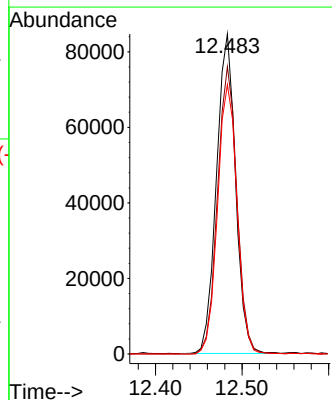
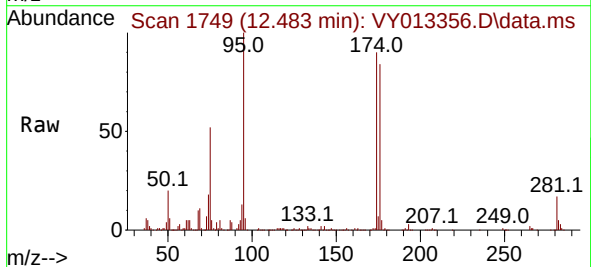
Instrument :
MSVOA_Y
ClientSampleId :
SPB-1WC-23-04-17

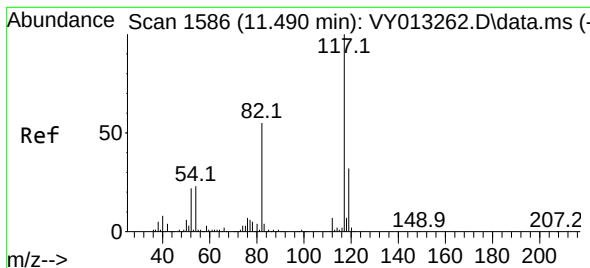
Tgt Ion: 98 Resp: 405834
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.646 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013356.D
Acq: 19 Apr 2023 19:26

Tgt Ion: 95 Resp: 129716
Ion Ratio Lower Upper
95 100
174 91.5 0.0 176.6
176 86.0 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: VY013356.D

Acq: 19 Apr 2023 19:26

Instrument :

MSVOA_Y

ClientSampleId :

SPB-1WC-23-04-17

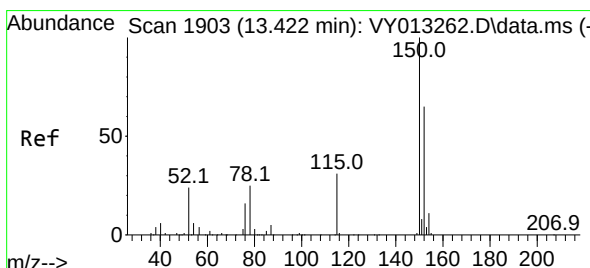
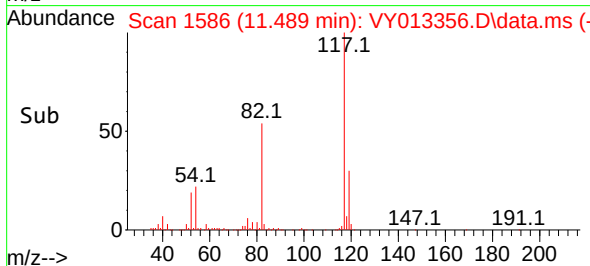
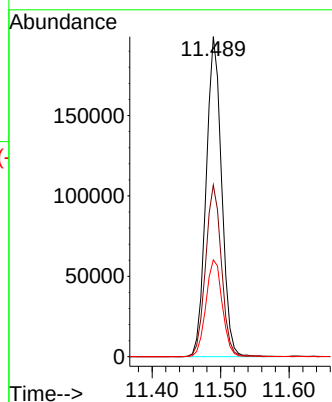
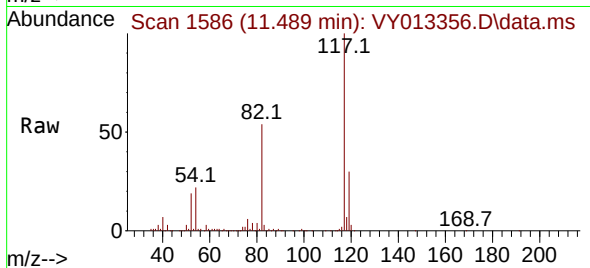
Tgt Ion:117 Resp: 314564

Ion Ratio Lower Upper

117 100

82 53.7 45.4 68.0

119 30.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013356.D

Acq: 19 Apr 2023 19:26

Tgt Ion:152 Resp: 134386

Ion Ratio Lower Upper

152 100

115 56.2 27.1 81.3

150 156.8 0.0 347.8

