

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012892.D
 Acq On : 09 Mar 2023 12:31
 Operator : KP/MD
 Sample : 01829-06
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-06-20230306

Quant Time: Mar 10 00:28:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	85803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	131354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53424	62.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.420%
35) Dibromofluoromethane	7.716	113	49050	57.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.020%
50) Toluene-d8	10.179	98	173384	55.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.240%
62) 4-Bromofluorobenzene	12.483	95	51653	48.655	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.300%

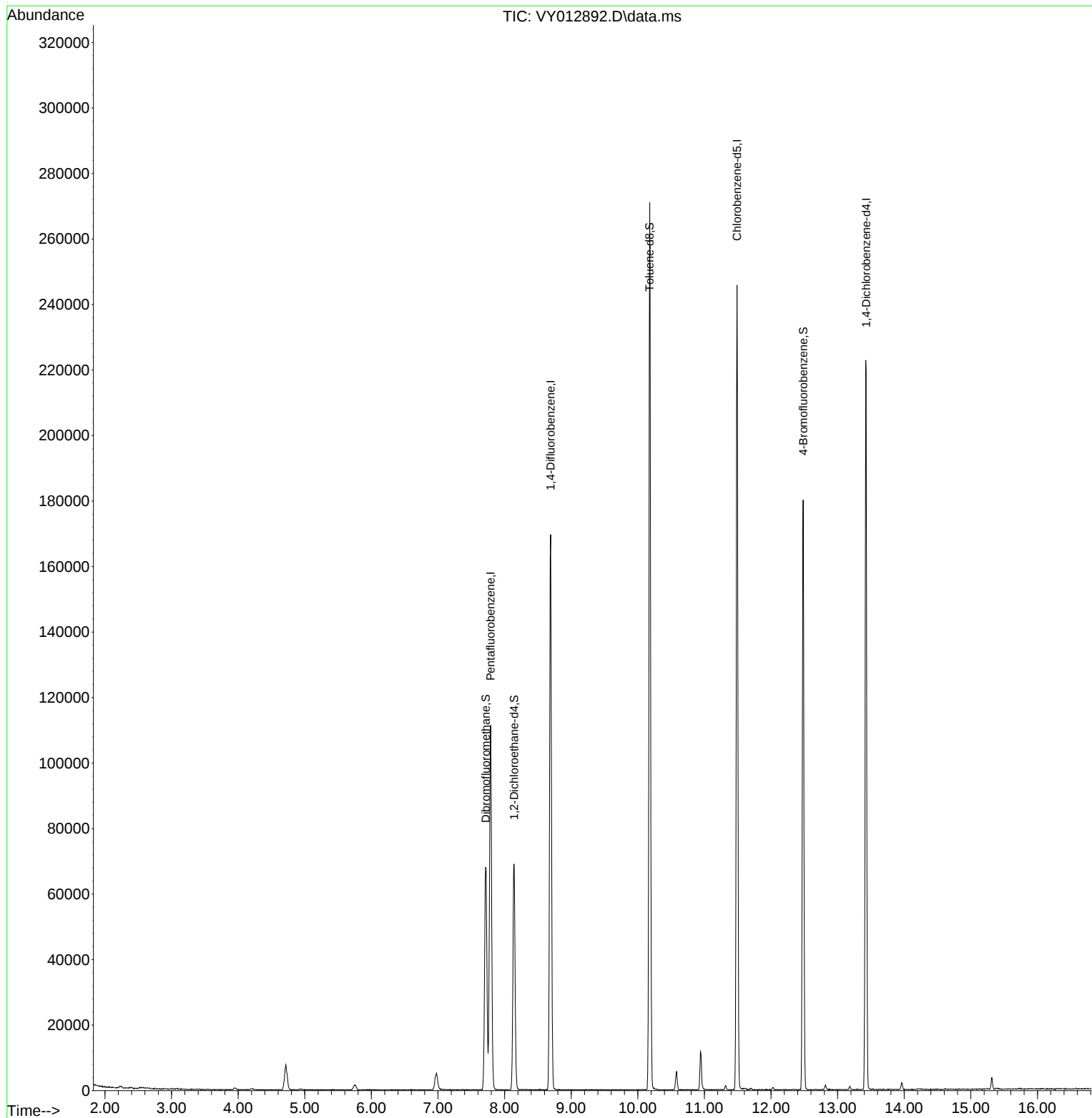
Target Compounds	Qvalue

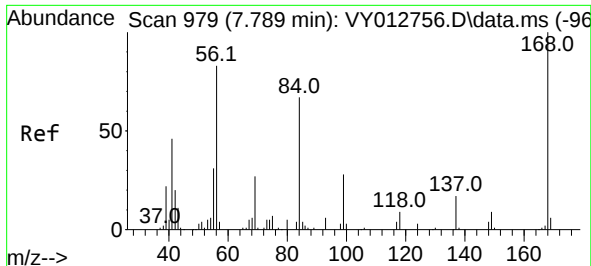
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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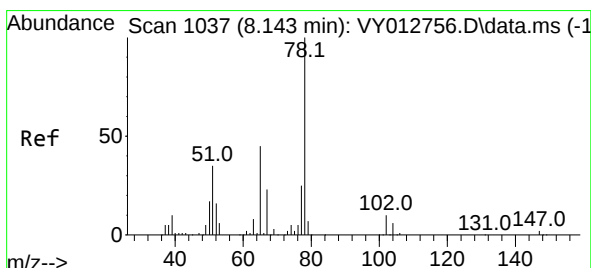
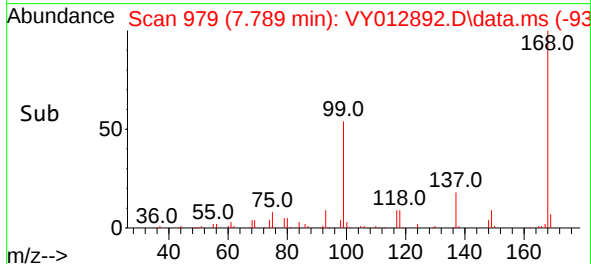
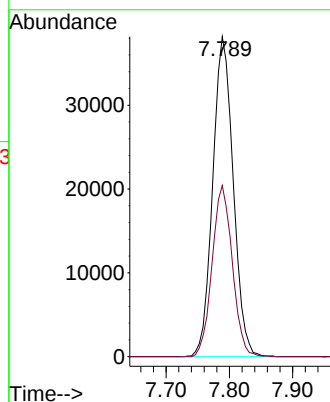
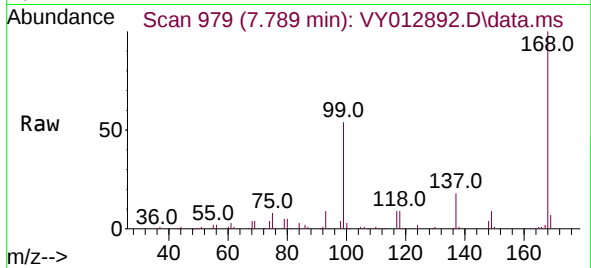




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012892.D
Acq: 09 Mar 2023 12:31

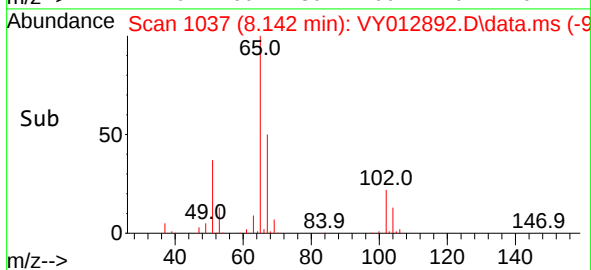
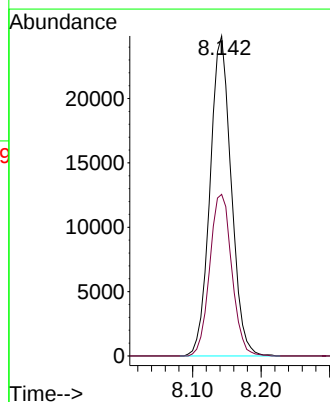
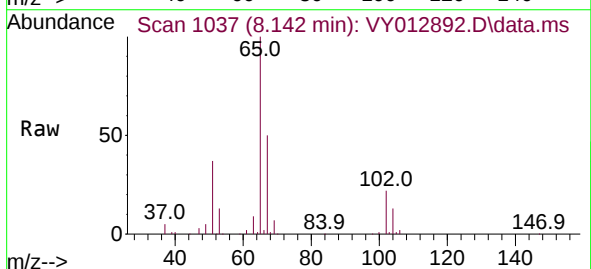
Instrument :
MSVOA_Y
ClientSampleId :
SS-06-20230306

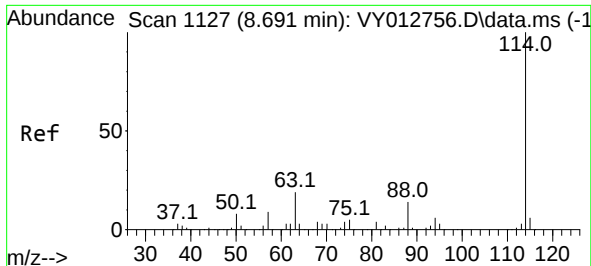
Tgt Ion:168 Resp: 85803
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 62.711 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012892.D
Acq: 09 Mar 2023 12:31

Tgt Ion: 65 Resp: 53424
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012892.D

Acq: 09 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

SS-06-20230306

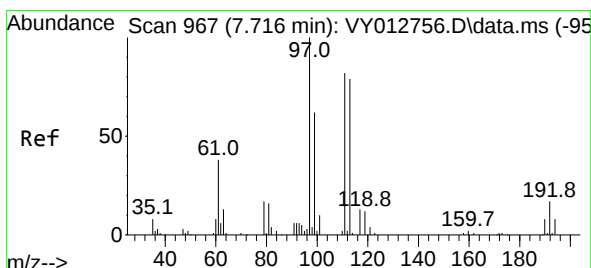
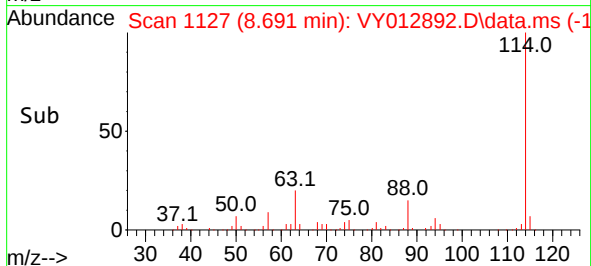
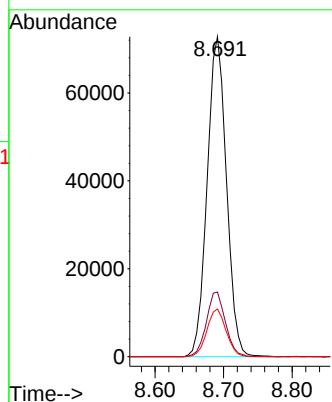
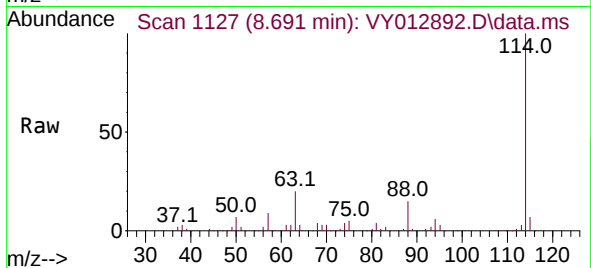
Tgt Ion:114 Resp: 142563

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.011 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012892.D

Acq: 09 Mar 2023 12:31

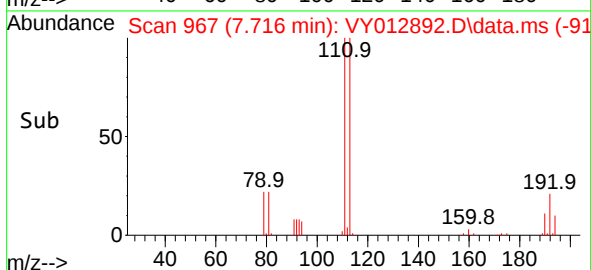
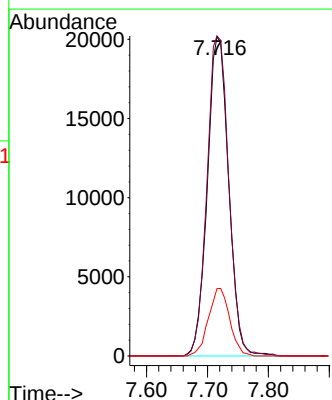
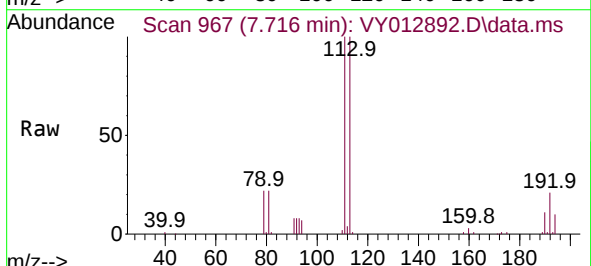
Tgt Ion:113 Resp: 49050

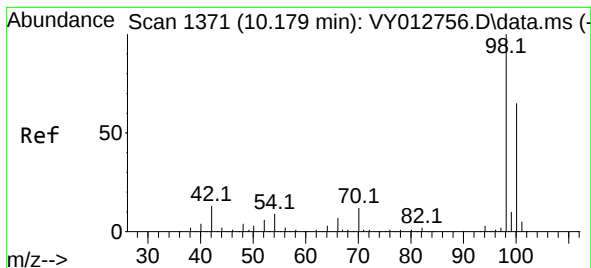
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 21.1 16.8 25.2

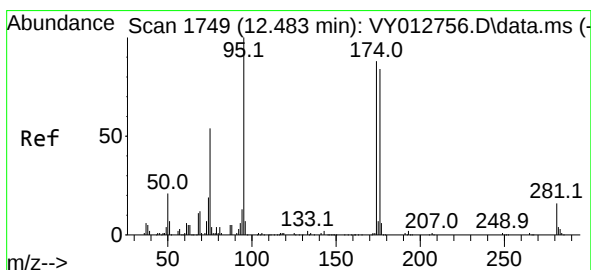
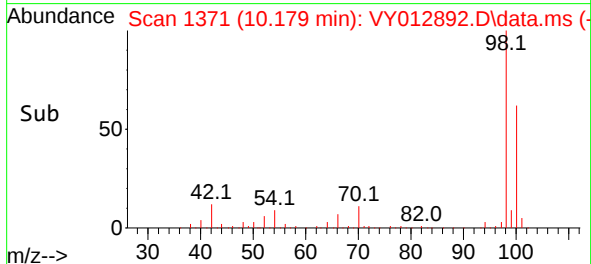
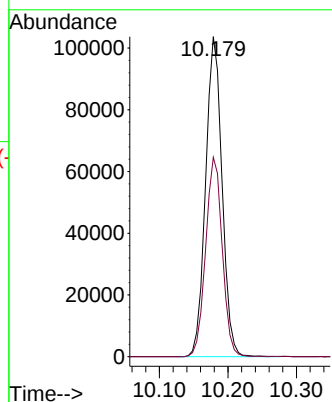
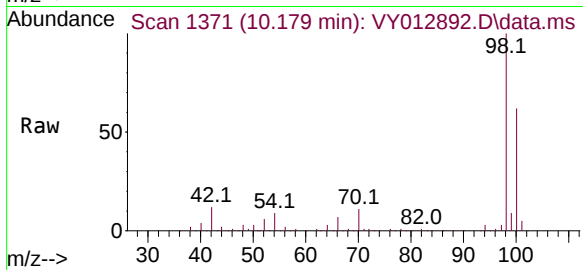




#50
Toluene-d8
Concen: 55.124 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012892.D
Acq: 09 Mar 2023 12:31

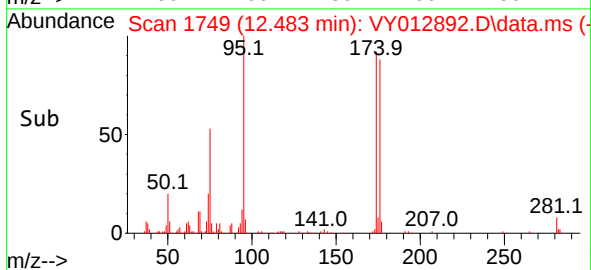
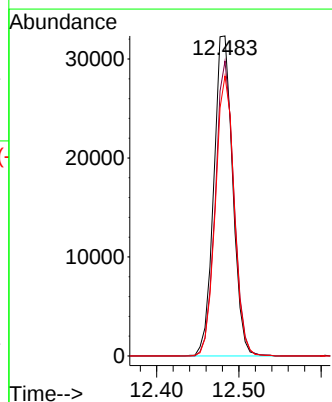
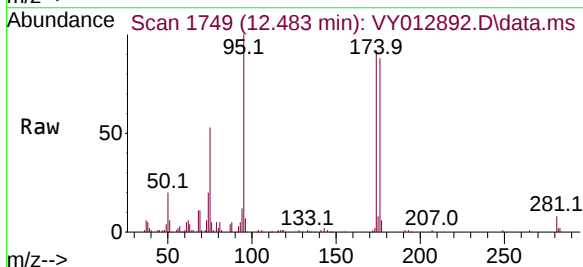
Instrument :
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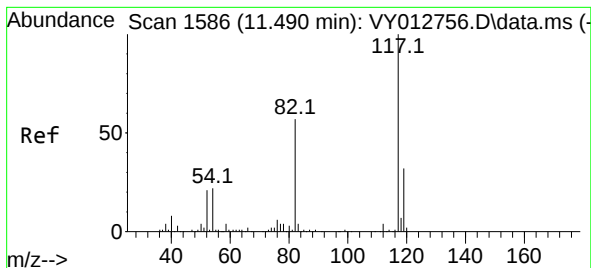
Tgt Ion: 98 Resp: 173384
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.655 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012892.D
Acq: 09 Mar 2023 12:31

Tgt Ion: 95 Resp: 51653
Ion Ratio Lower Upper
95 100
174 90.4 0.0 176.6
176 86.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY012892.D

Acq: 09 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

SS-06-20230306

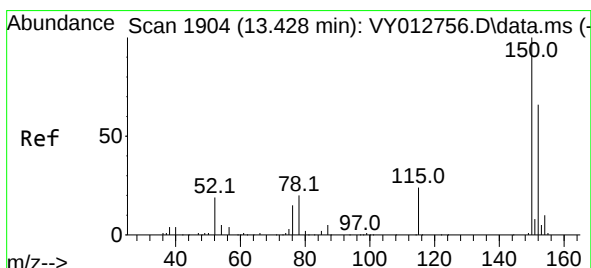
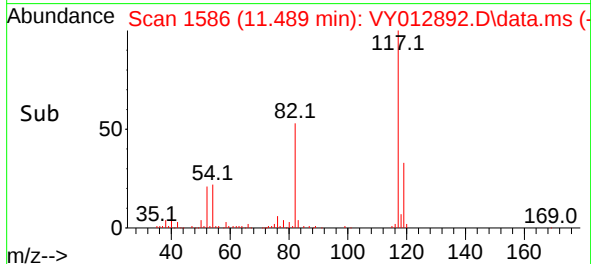
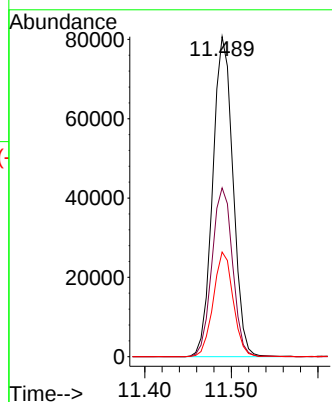
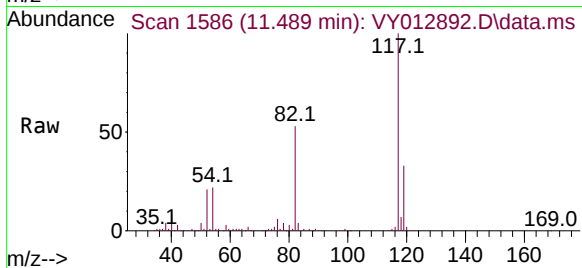
Tgt Ion:117 Resp: 131354

Ion Ratio Lower Upper

117 100

82 52.8 45.4 68.0

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012892.D

Acq: 09 Mar 2023 12:31

Tgt Ion:152 Resp: 58054

Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 157.0 0.0 347.8

