

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013253.D
 Acq On : 11 Apr 2023 19:20
 Operator : KP/MD
 Sample : 02270-03
 Misc : 3.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-14-16-20230410

Quant Time: Apr 12 01:38:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	68330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	111054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51656	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48754	63.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.900%
35) Dibromofluoromethane	7.710	113	41788	58.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.500%
50) Toluene-d8	10.179	98	147656	58.785	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.580%
62) 4-Bromofluorobenzene	12.477	95	46553	51.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.800%

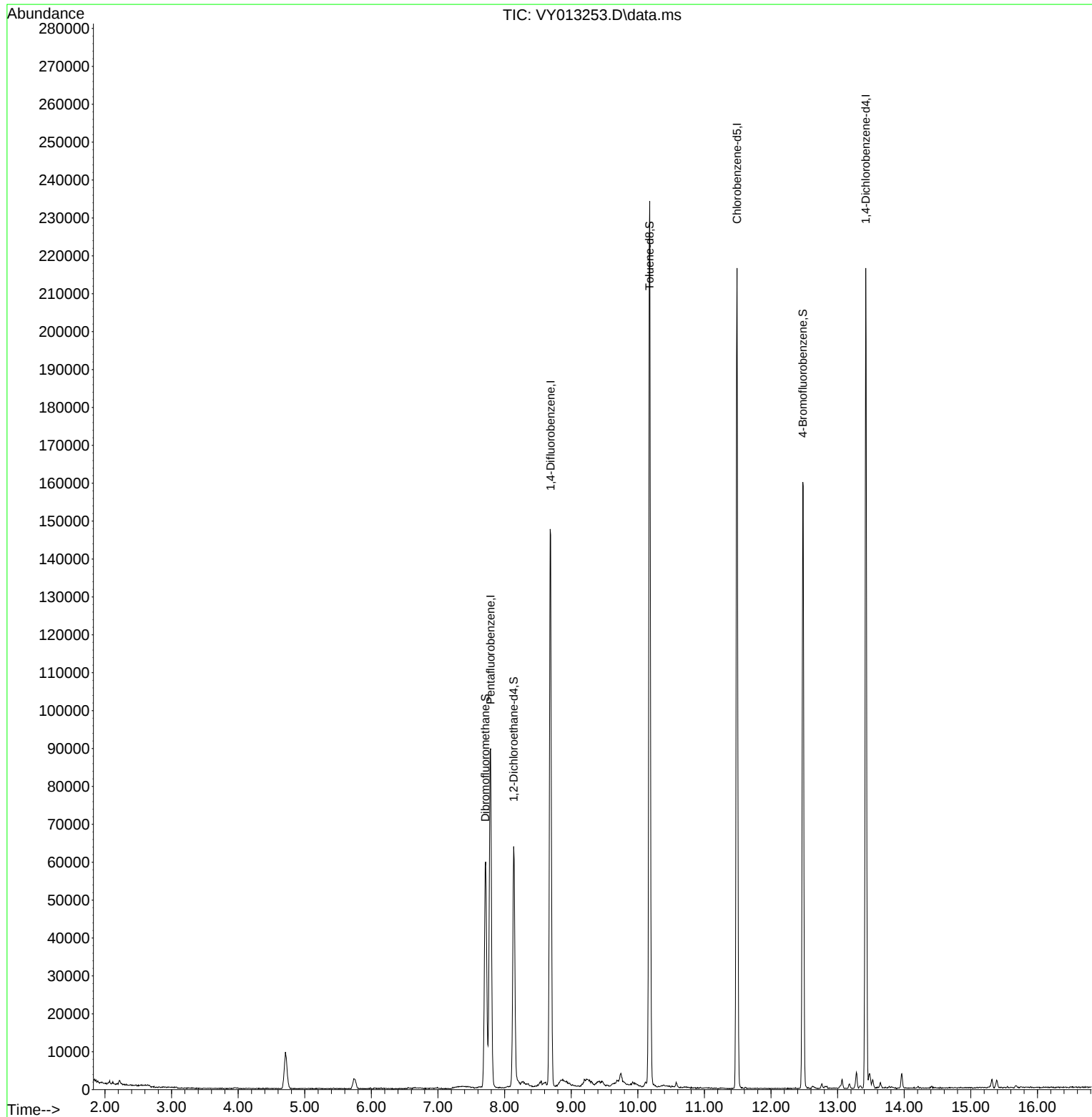
Target Compounds	Qvalue

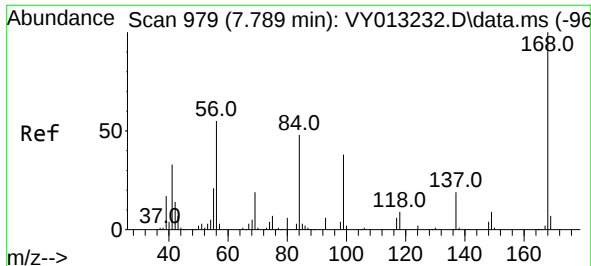
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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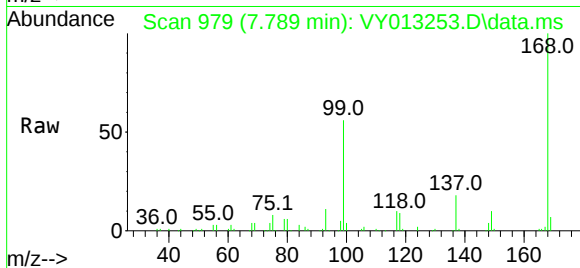
Quant Time: Apr 12 01:38:10 2023
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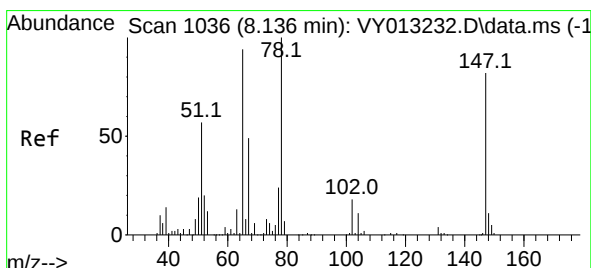
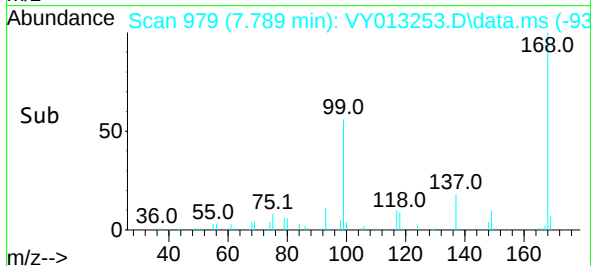
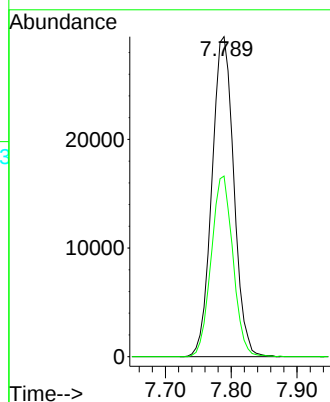


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013253.D
Acq: 11 Apr 2023 19:20

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-14-16-20230410

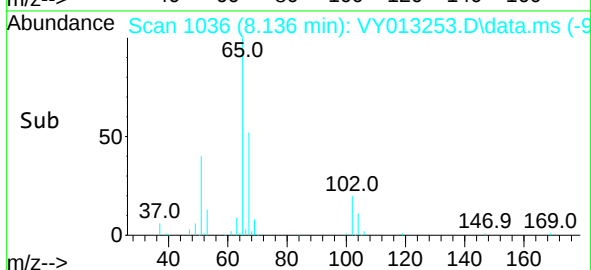
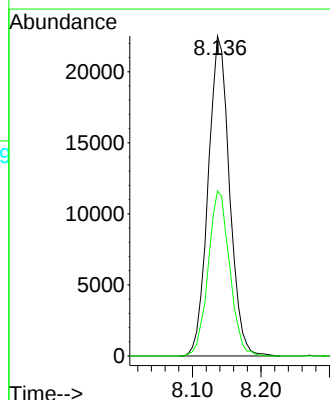
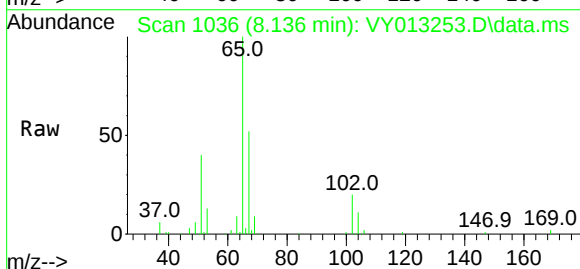


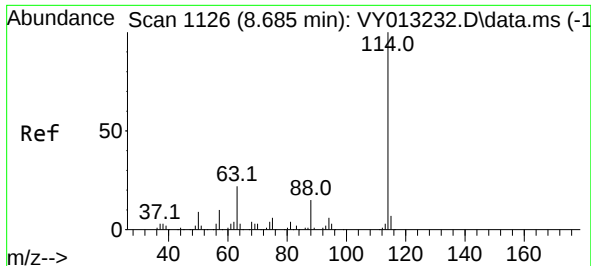
Tgt Ion:168 Resp: 68330
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 63.449 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013253.D
Acq: 11 Apr 2023 19:20

Tgt Ion: 65 Resp: 48754
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

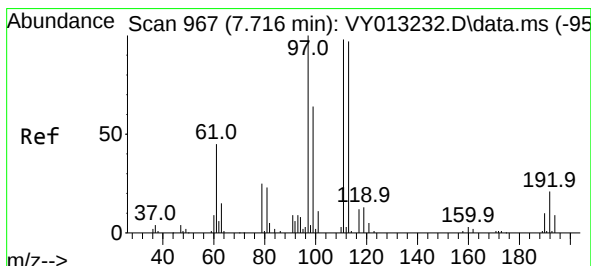
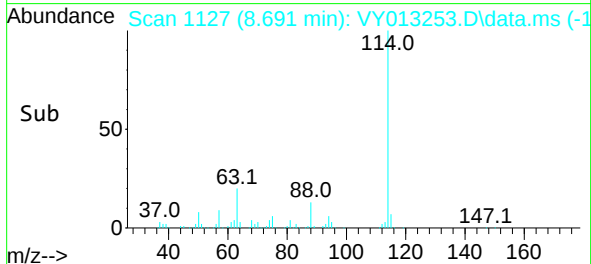
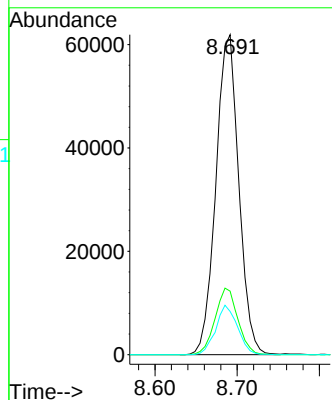
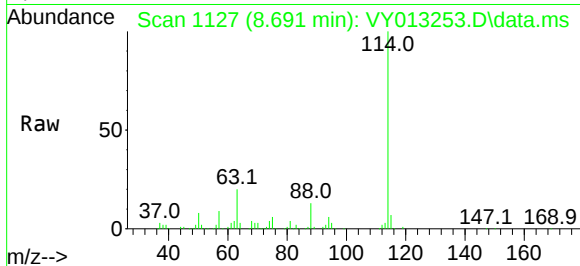




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY013253.D
Acq: 11 Apr 2023 19:20

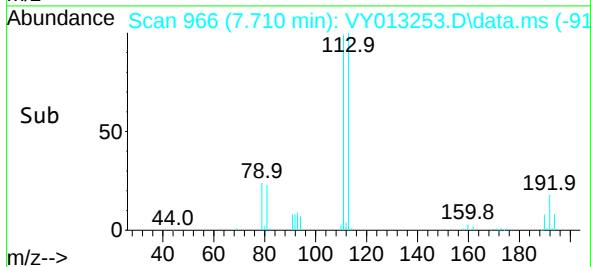
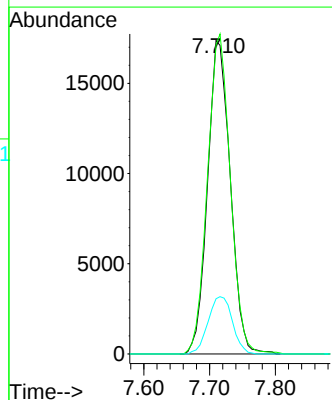
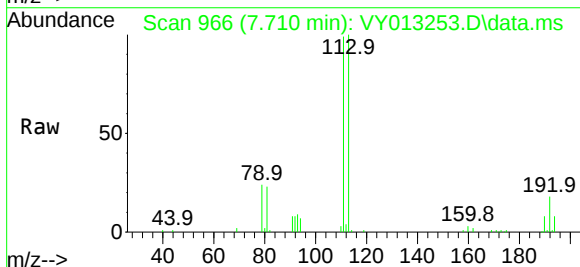
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-14-16-20230410

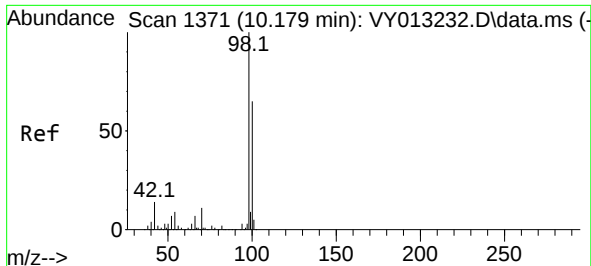
Tgt Ion:114 Resp: 120020
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 13.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 58.247 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013253.D
Acq: 11 Apr 2023 19:20

Tgt Ion:113 Resp: 41788
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.5 16.8 25.2

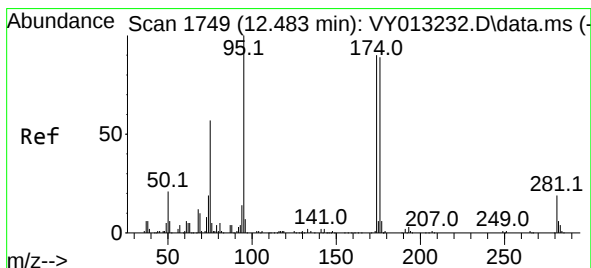
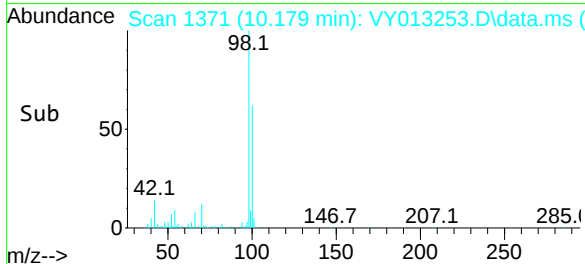
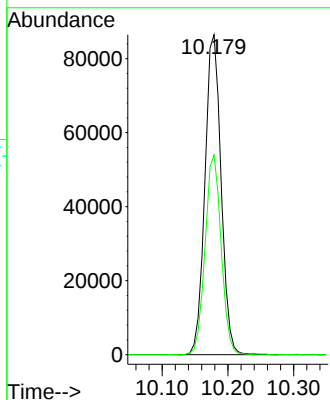
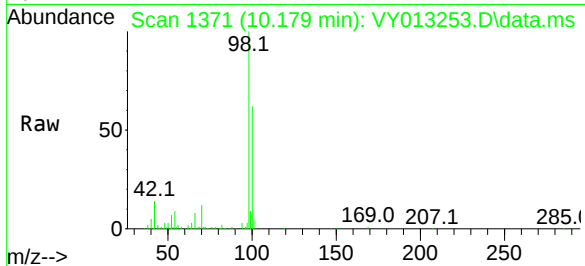




#50
Toluene-d8
Concen: 58.785 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013253.D
Acq: 11 Apr 2023 19:20

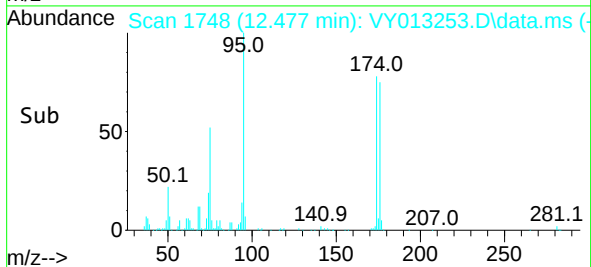
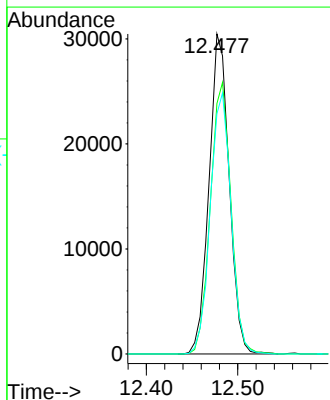
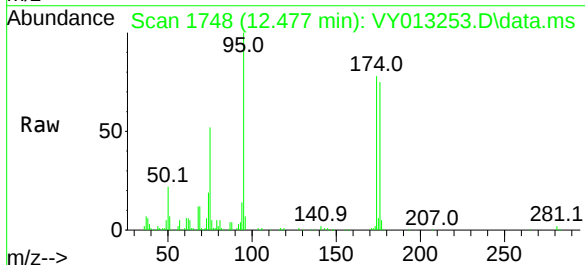
Instrument :
MSVOA_Y
ClientSampleId :
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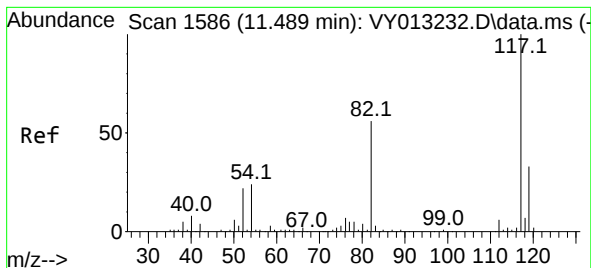
Tgt Ion: 98 Resp: 147656
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.902 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013253.D
Acq: 11 Apr 2023 19:20

Tgt Ion: 95 Resp: 46553
Ion Ratio Lower Upper
95 100
174 87.0 0.0 176.6
176 84.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 111054

Delta R.T. 0.001 min

Lab File: VY013253.D

Acq: 11 Apr 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-14-16-20230410

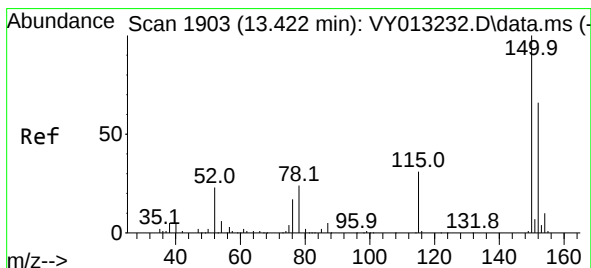
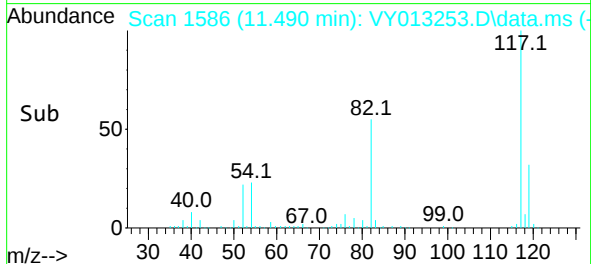
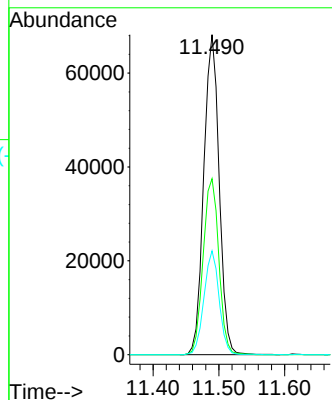
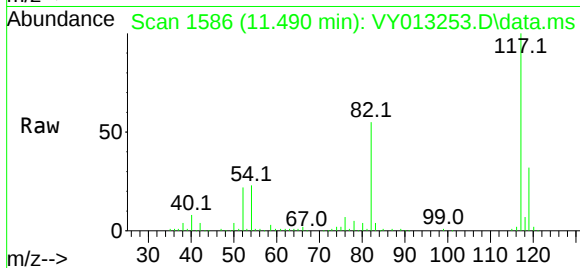
Tgt Ion:117 Resp: 111054

Ion Ratio Lower Upper

117 100

82 55.0 45.4 68.0

119 32.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013253.D

Acq: 11 Apr 2023 19:20

Tgt Ion:152 Resp: 51656

Ion Ratio Lower Upper

152 100

115 58.5 27.1 81.3

150 158.2 0.0 347.8

