

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013251.D
 Acq On : 11 Apr 2023 18:33
 Operator : KP/MD
 Sample : 02270-01
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-0-2-20230410

Quant Time: Apr 12 01:37:34 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	7.783	168	67032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	118304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	117003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	48552	64.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.820%
35) Dibromofluoromethane	7.716	113	40674	57.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.040%
50) Toluene-d8	10.179	98	153373	61.947	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.900%
62) 4-Bromofluorobenzene	12.477	95	53659	60.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.380%

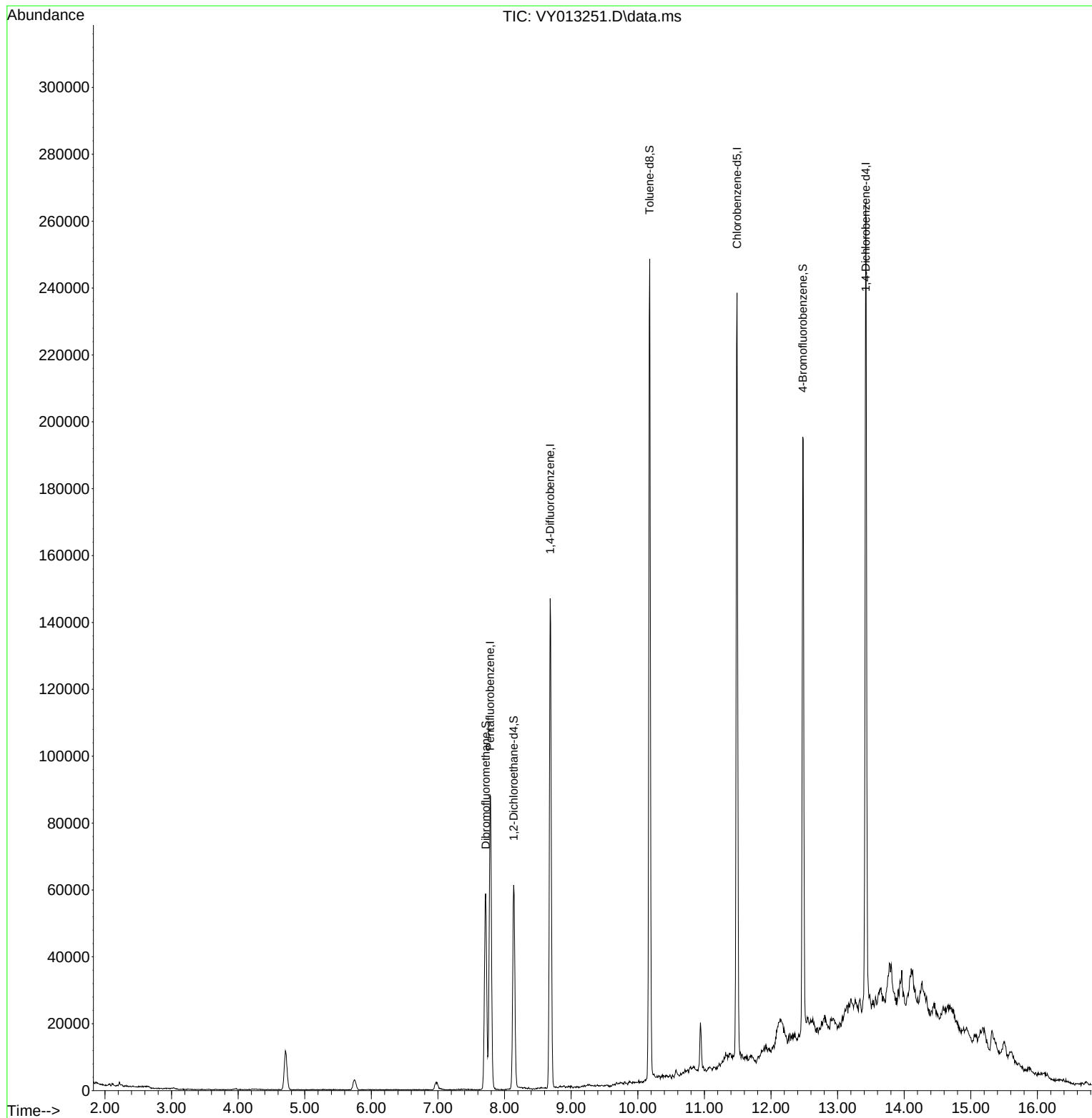
Target Compounds	Qvalue

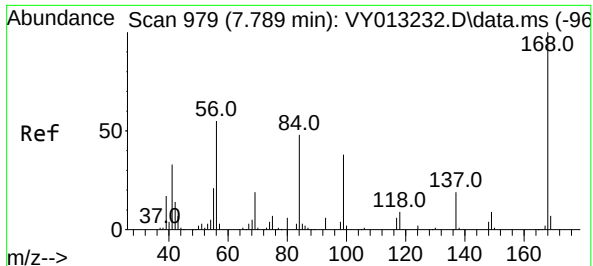
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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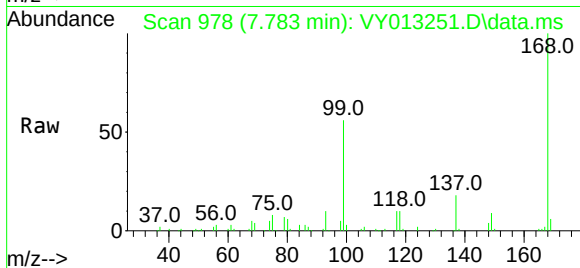
Quant Time: Apr 12 01:37:34 2023
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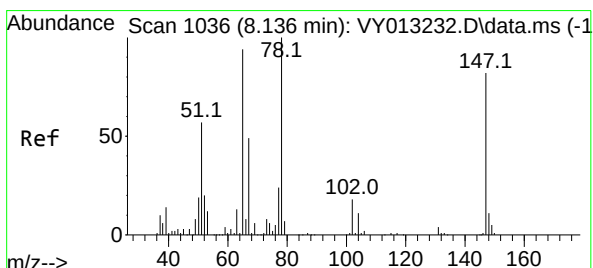
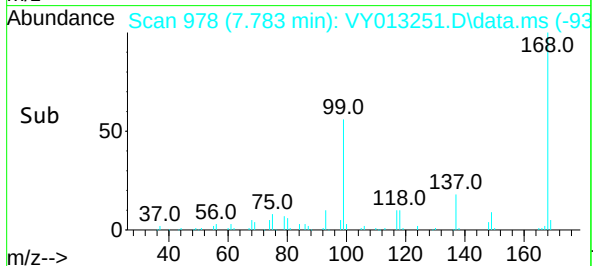
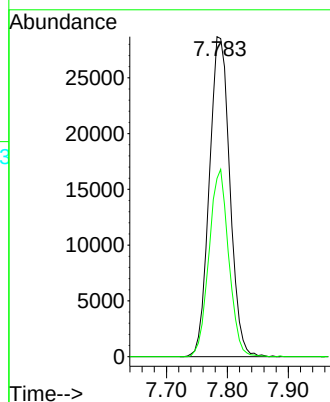


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

Instrument :
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SB-17-0-2-20230410

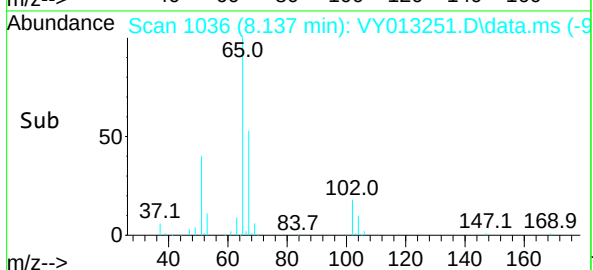
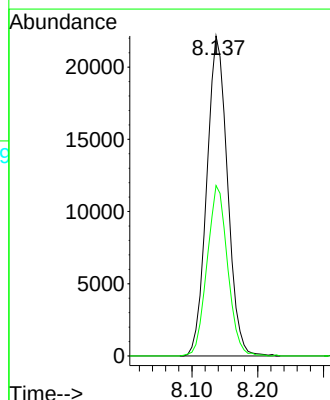
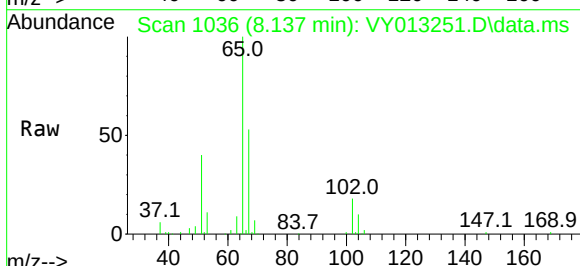


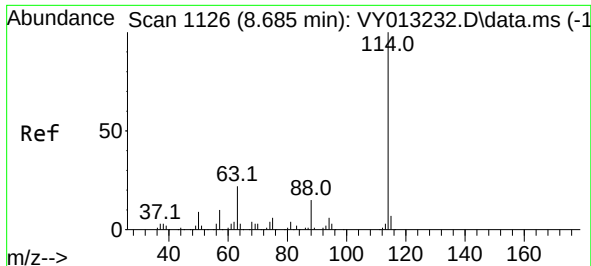
Tgt Ion:168 Resp: 67032
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 64.409 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

Tgt Ion: 65 Resp: 48552
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013251.D

Acq: 11 Apr 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-0-2-20230410

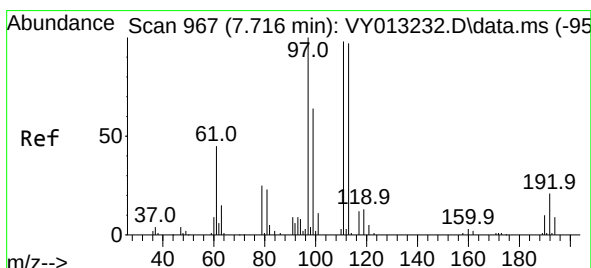
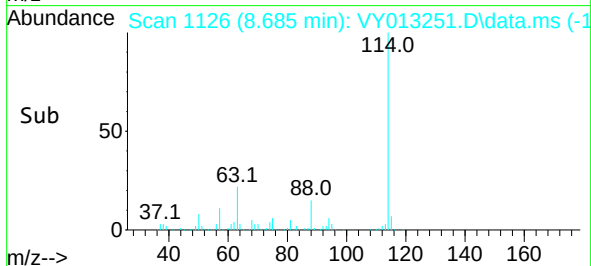
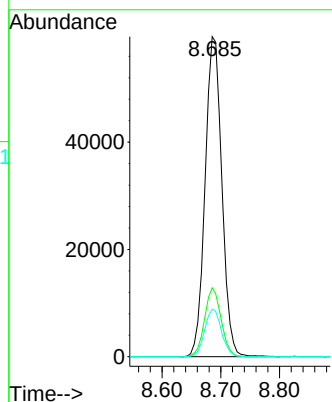
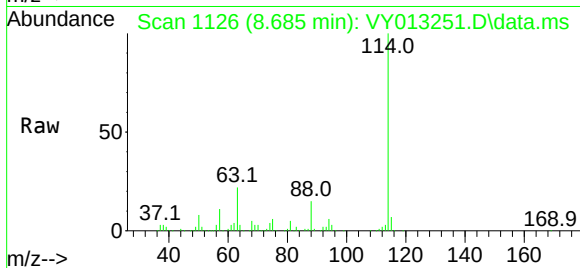
Tgt Ion:114 Resp: 118304

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.517 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013251.D

Acq: 11 Apr 2023 18:33

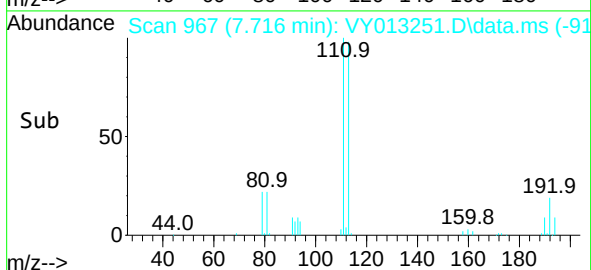
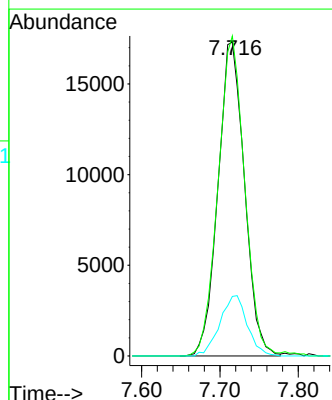
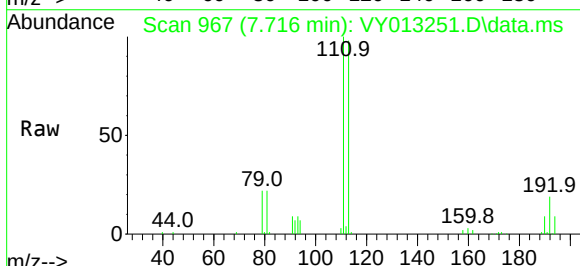
Tgt Ion:113 Resp: 40674

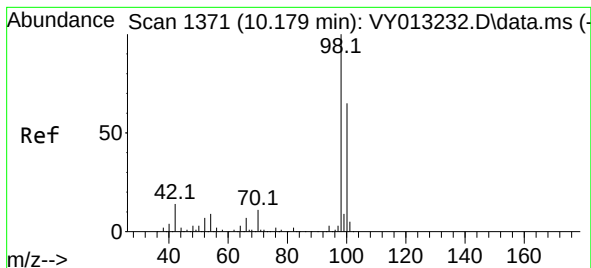
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 19.9 16.8 25.2





#50

Toluene-d8

Concen: 61.947 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013251.D

Acq: 11 Apr 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

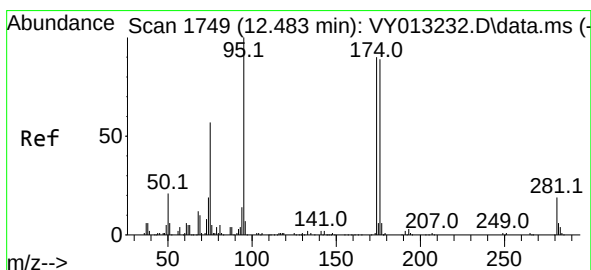
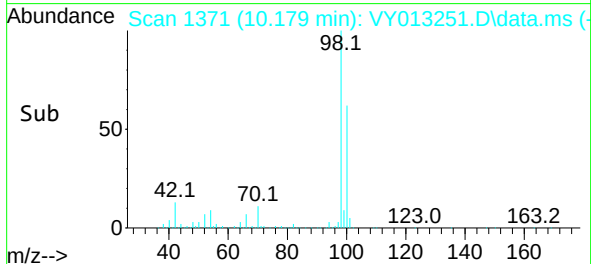
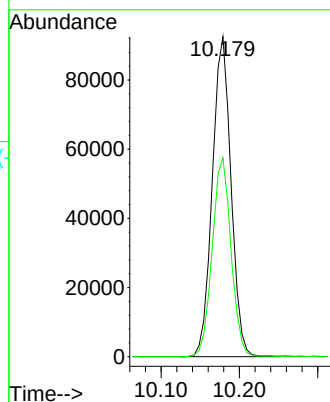
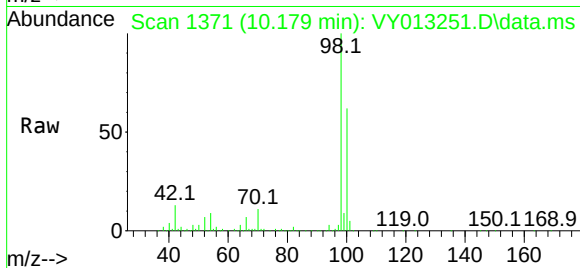
SB-17-0-2-20230410

Tgt Ion: 98 Resp: 153373

Ion Ratio Lower Upper

98 100

100 62.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 60.692 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013251.D

Acq: 11 Apr 2023 18:33

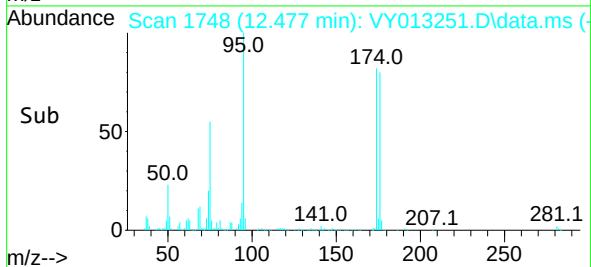
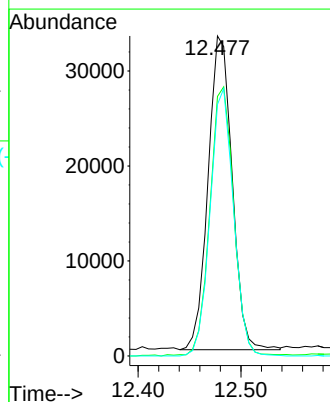
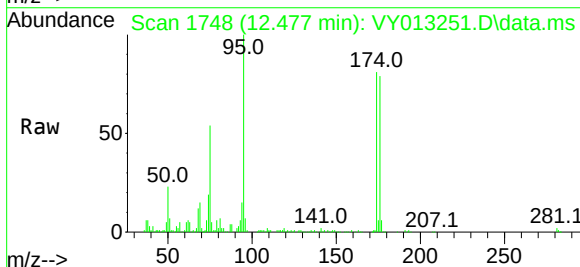
Tgt Ion: 95 Resp: 53659

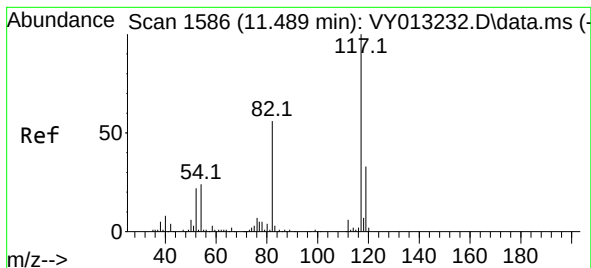
Ion Ratio Lower Upper

95 100

174 85.5 0.0 176.6

176 82.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013251.D

Acq: 11 Apr 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-0-2-20230410

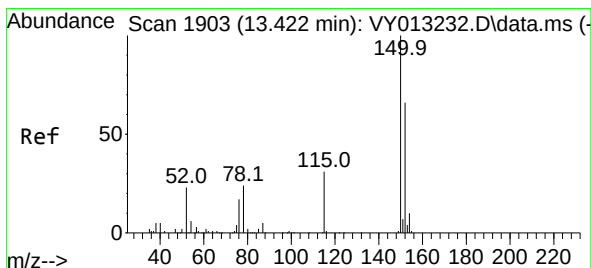
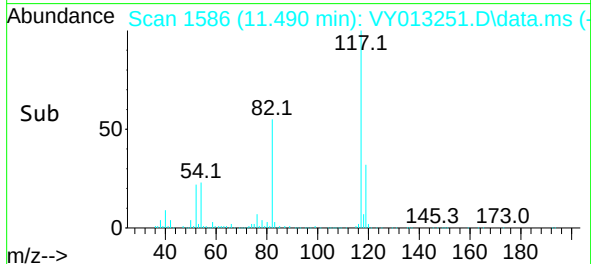
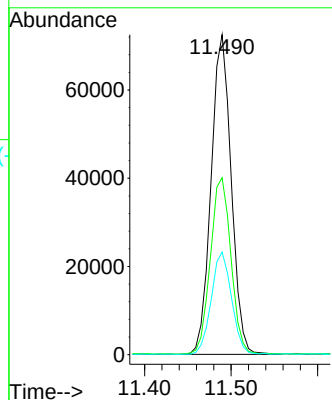
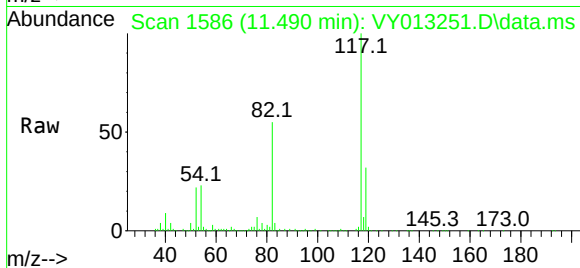
Tgt Ion:117 Resp: 117003

Ion Ratio Lower Upper

117 100

82 55.2 45.4 68.0

119 31.9 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: VY013251.D

Acq: 11 Apr 2023 18:33

Tgt Ion:152 Resp: 56884

Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 157.7 0.0 347.8

