

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013950.D
 Acq On : 31 May 2023 20:53
 Operator : KP/MD
 Sample : 02979-01
 Misc : 3.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR044-VNJ224

Quant Time: Jun 01 03:32:09 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	7.795	168	157865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	268262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112331	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116570	63.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.660%
35) Dibromofluoromethane	7.722	113	96270	54.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.600%
50) Toluene-d8	10.179	98	336819	49.983	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.483	95	104620	46.707	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.420%

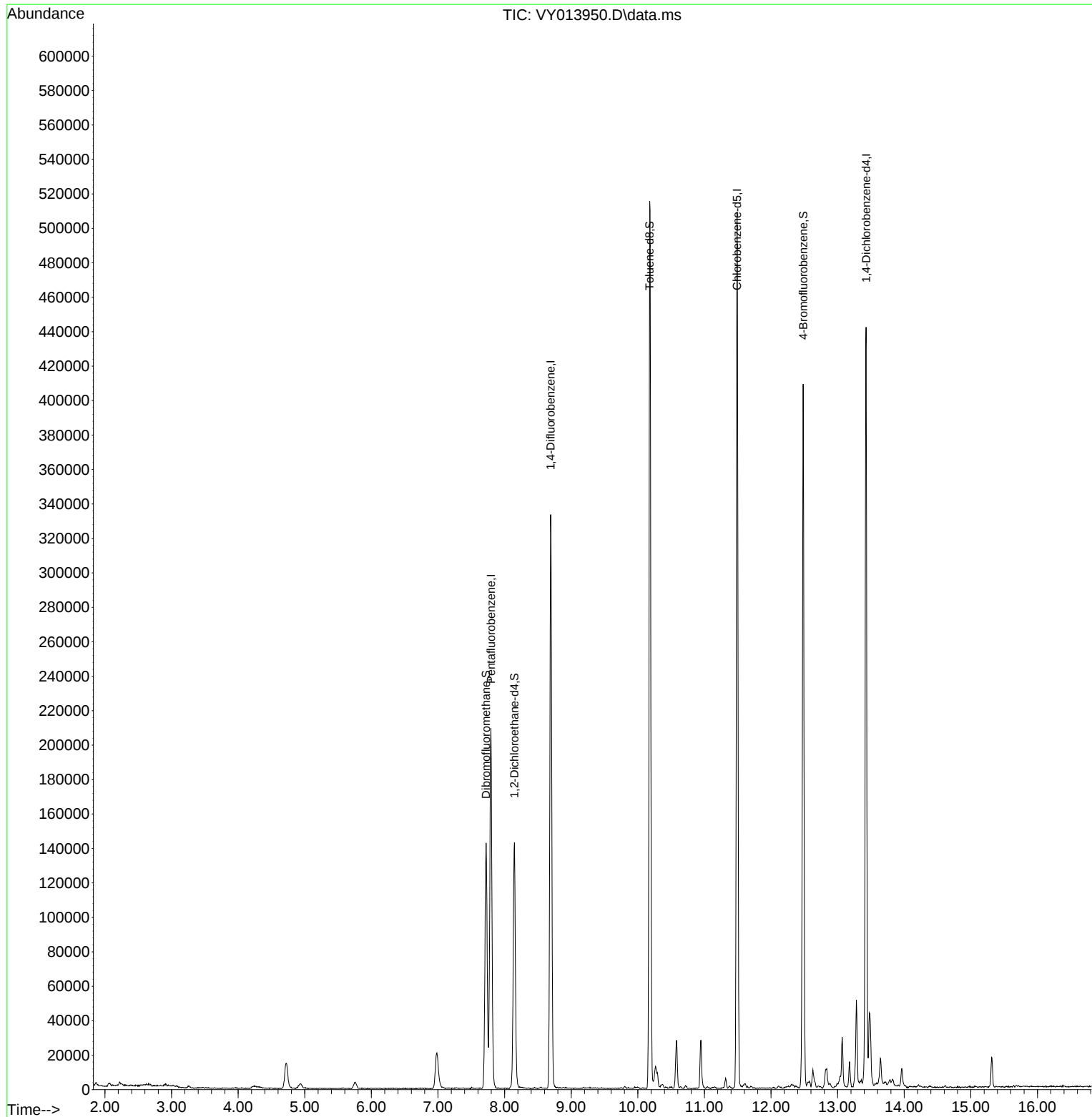
Target Compounds	Qvalue

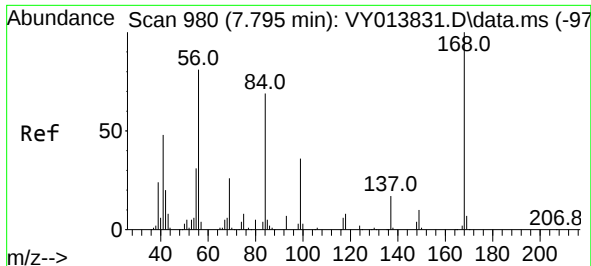
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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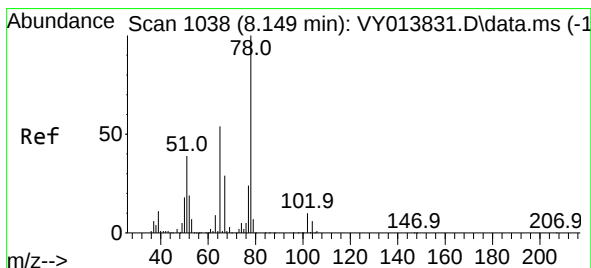
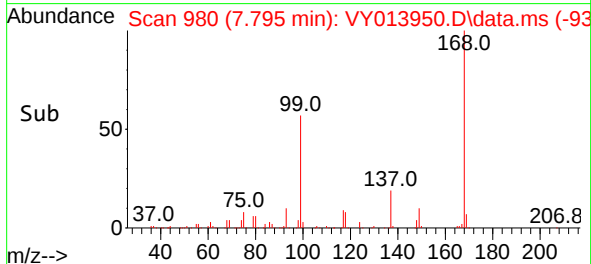
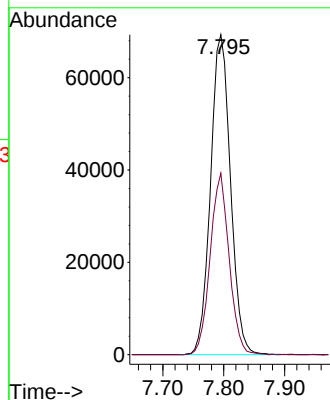
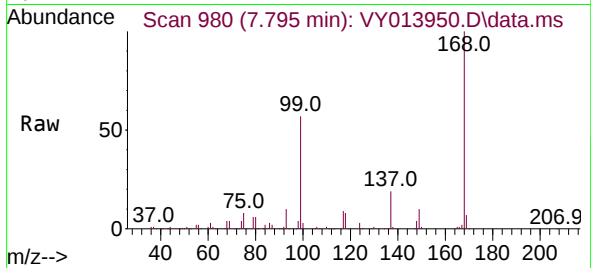




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013950.D
Acq: 31 May 2023 20:53

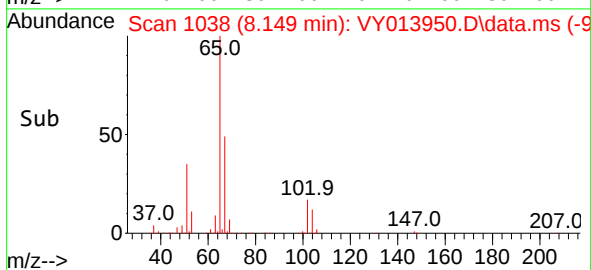
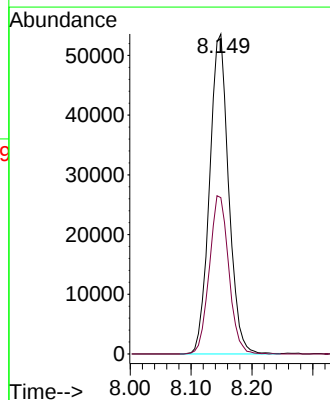
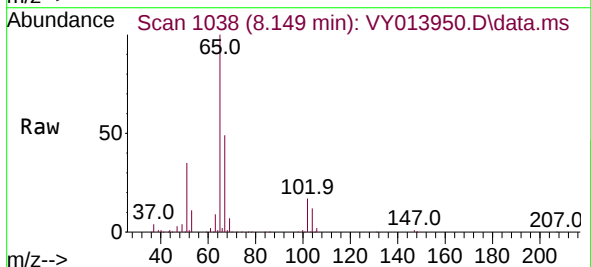
Instrument :
MSVOA_Y
ClientSampleId :
RBR044-VNJ224

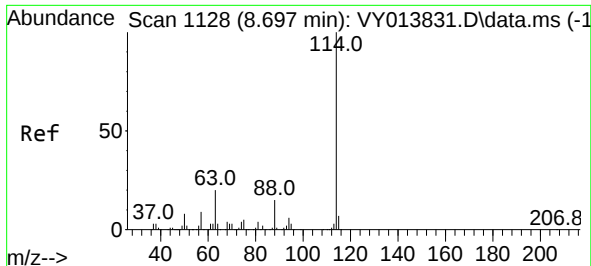
Tgt Ion:168 Resp: 157865
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 63.827 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY013950.D
Acq: 31 May 2023 20:53

Tgt Ion: 65 Resp: 116570
Ion Ratio Lower Upper
65 100
67 50.3 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: VY013950.D

Acq: 31 May 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

RBR044-VNJ224

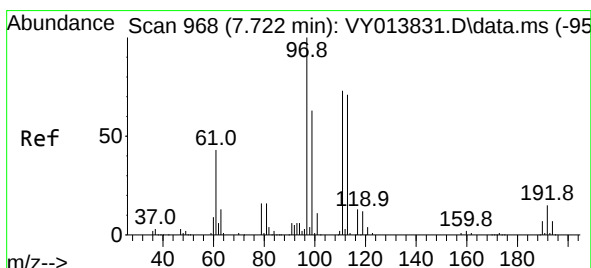
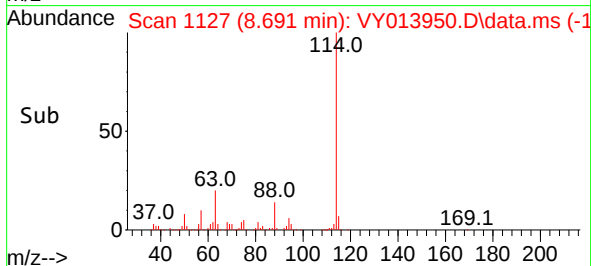
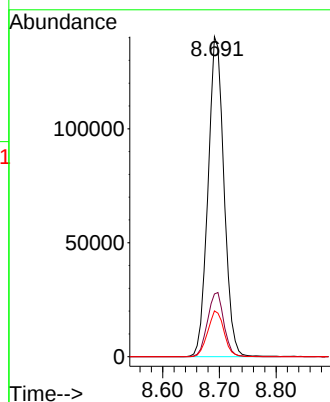
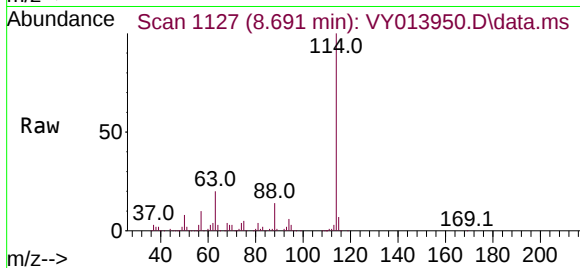
Tgt Ion:114 Resp: 274542

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 14.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 54.298 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013950.D

Acq: 31 May 2023 20:53

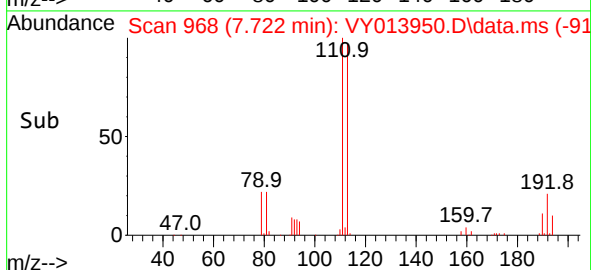
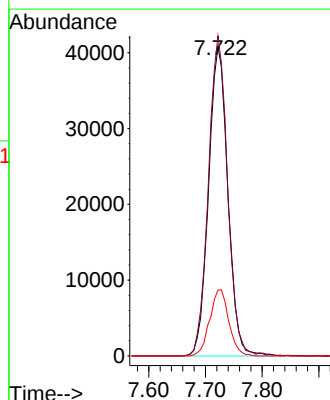
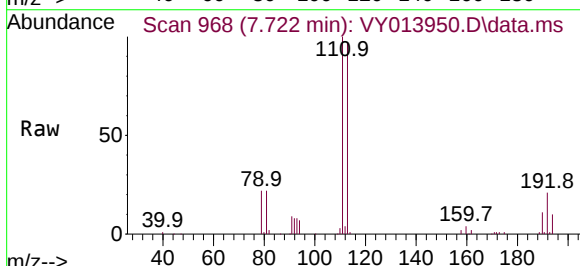
Tgt Ion:113 Resp: 96270

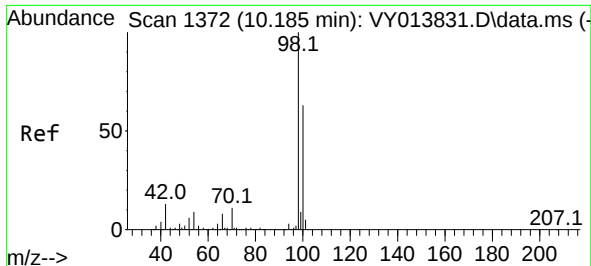
Ion Ratio Lower Upper

113 100

111 103.4 80.4 120.6

192 21.2 16.6 25.0

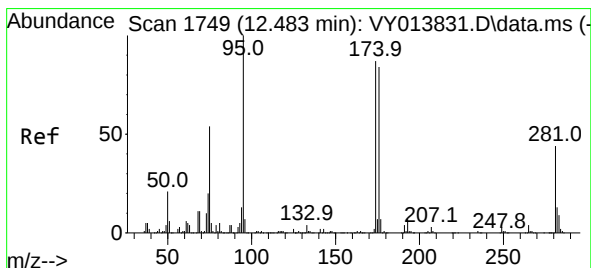
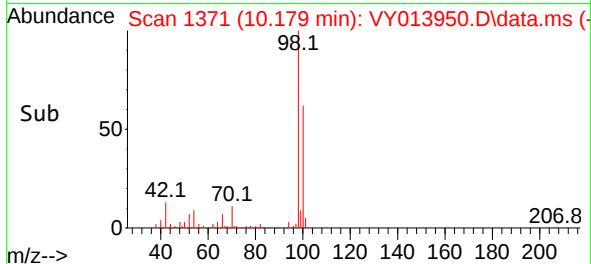
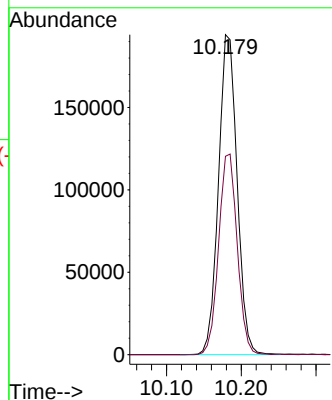
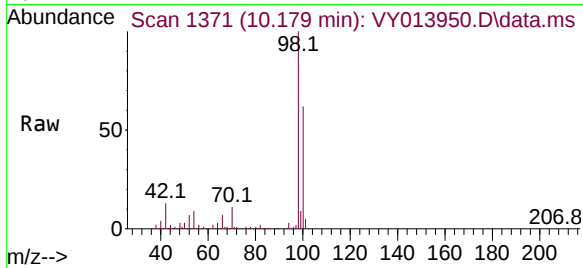




#50
Toluene-d8
Concen: 49.983 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013950.D
Acq: 31 May 2023 20:53

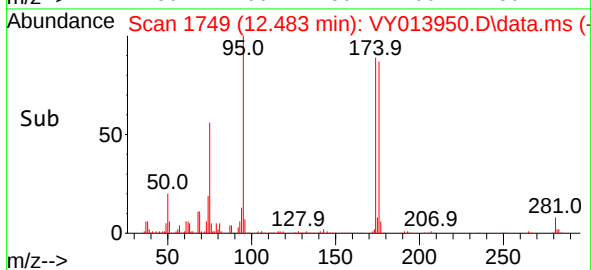
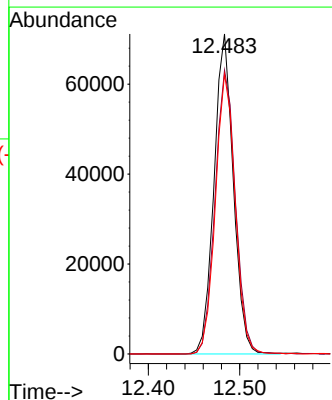
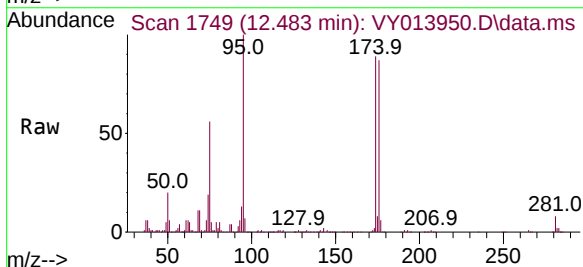
Instrument :
MSVOA_Y
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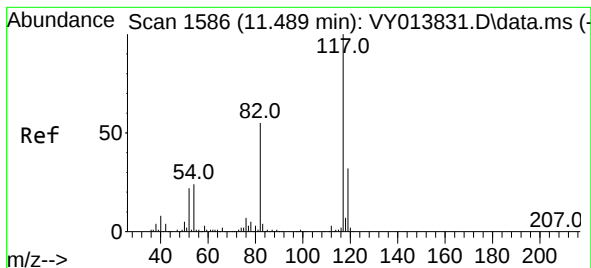
Tgt Ion: 98 Resp: 336819
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 46.707 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013950.D
Acq: 31 May 2023 20:53

Tgt Ion: 95 Resp: 104620
Ion Ratio Lower Upper
95 100
174 93.8 0.0 176.0
176 89.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013950.D

Acq: 31 May 2023 20:53

Instrument :

MSVOA_Y

ClientSampleId :

RBR044-VNJ224

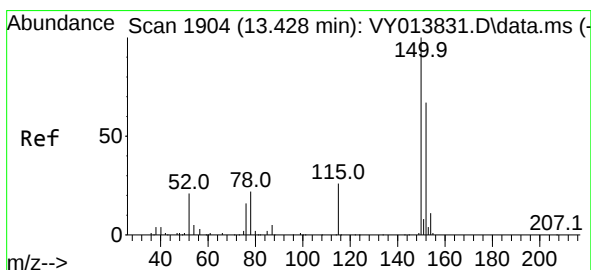
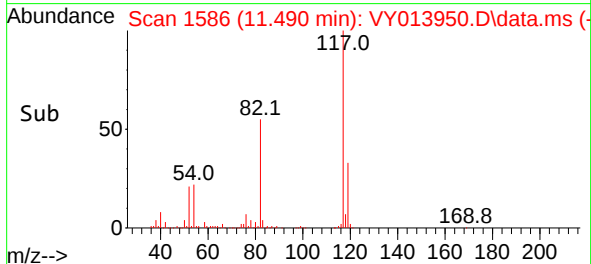
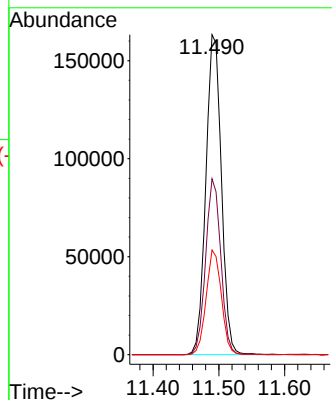
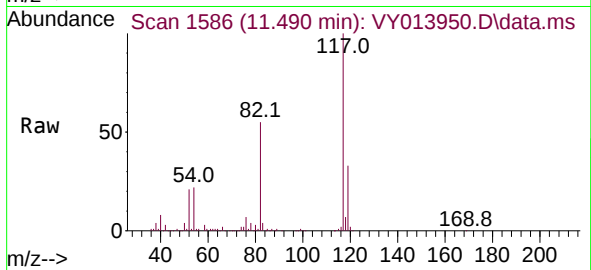
Tgt Ion:117 Resp: 268262

Ion Ratio Lower Upper

117 100

82 55.0 44.2 66.4

119 32.7 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: VY013950.D

Acq: 31 May 2023 20:53

Tgt Ion:152 Resp: 112331

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 158.6 0.0 353.4

