

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017134.D
 Acq On : 30 Jan 2024 10:29
 Operator : SY/MD
 Sample : VY0130SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBL01

Quant Time: Jan 31 00:26:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	93115	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	197690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	190308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	42256	46.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.160%
35) Dibromofluoromethane	7.740	113	47581	39.879	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.760%
50) Toluene-d8	10.197	98	173568	38.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.020%
62) 4-Bromofluorobenzene	12.495	95	53336	38.419	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.840%

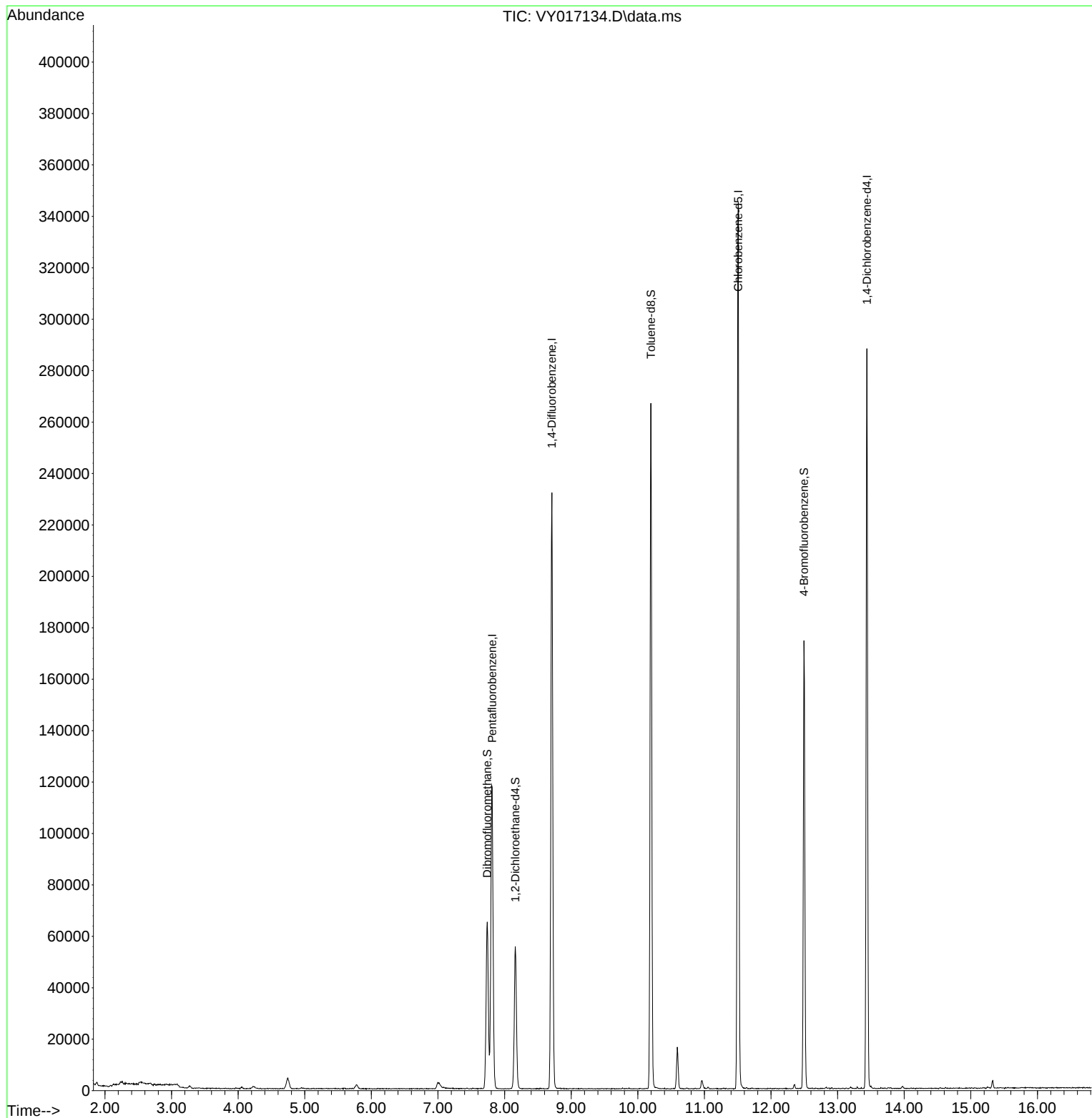
Target Compounds	Qvalue

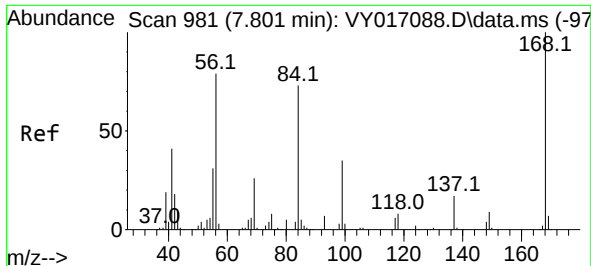
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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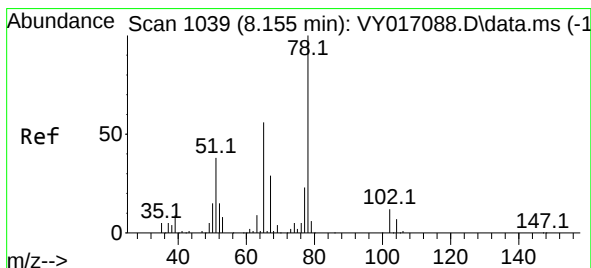
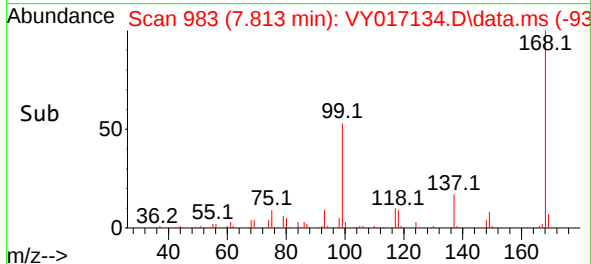
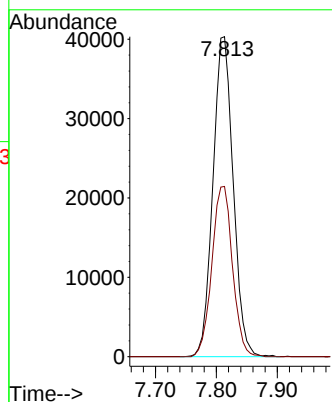
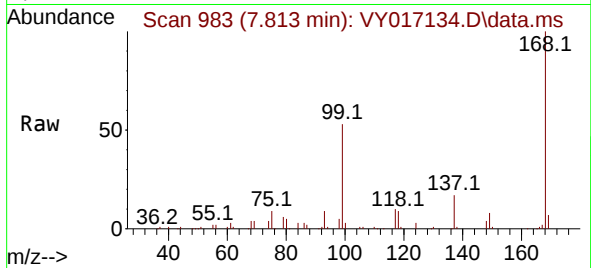




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

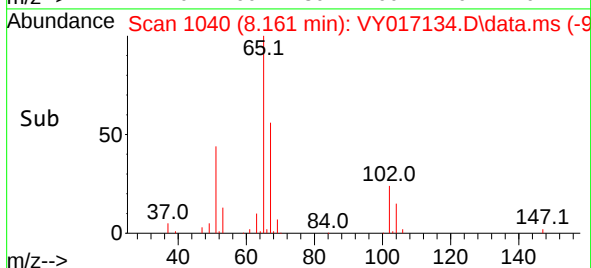
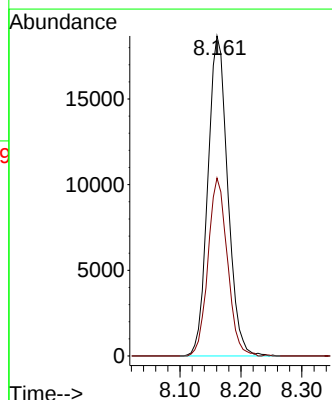
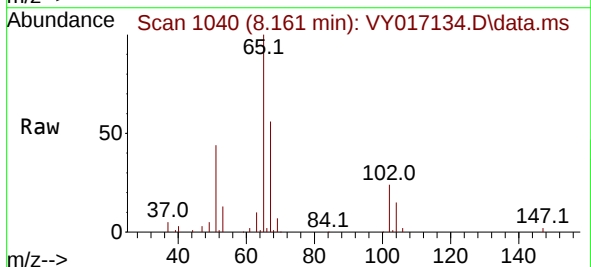
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

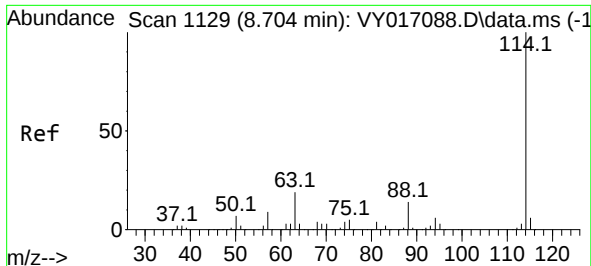
Tgt Ion:168 Resp: 93115
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.577 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Tgt Ion: 65 Resp: 42256
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017134.D

Acq: 30 Jan 2024 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBL01

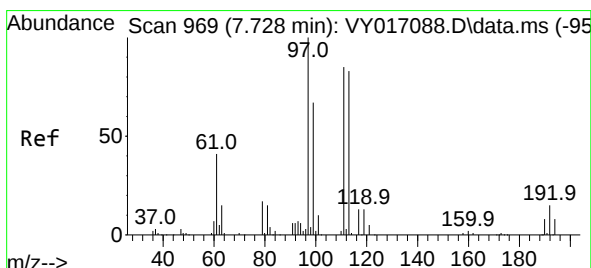
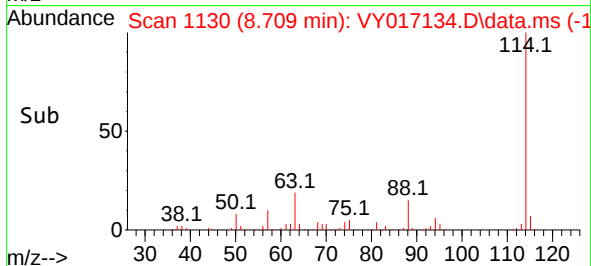
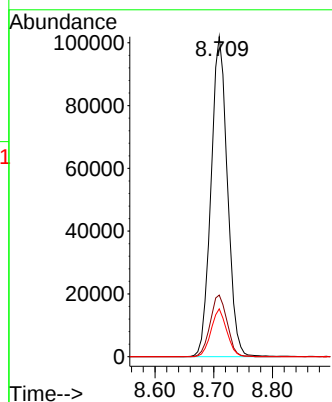
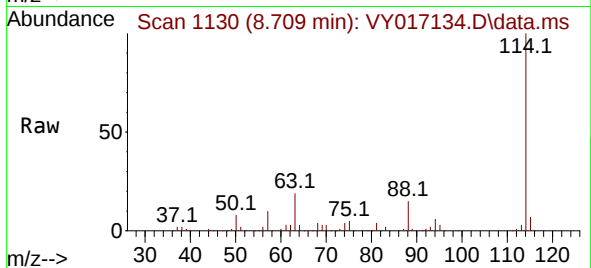
Tgt Ion:114 Resp: 197690

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.879 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017134.D

Acq: 30 Jan 2024 10:29

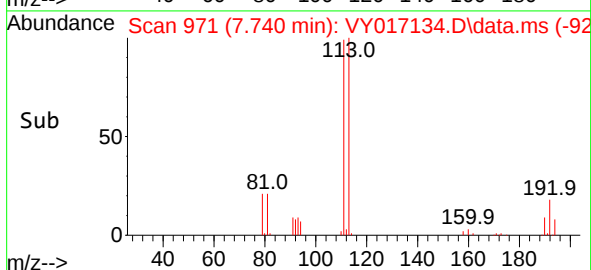
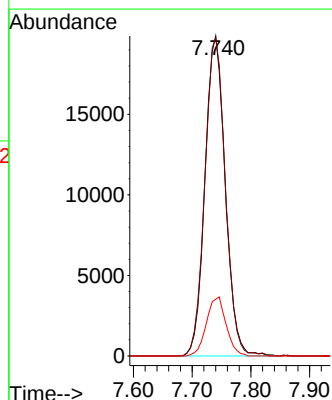
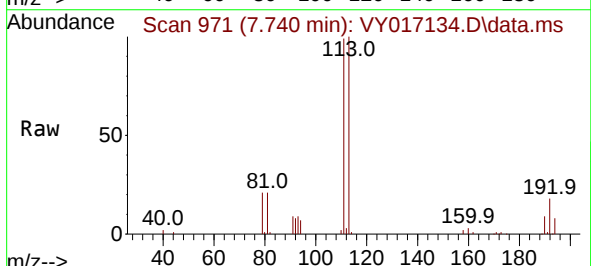
Tgt Ion:113 Resp: 47581

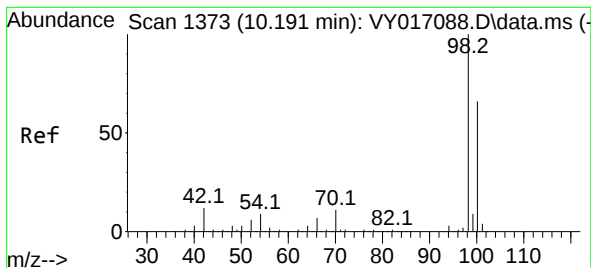
Ion Ratio Lower Upper

113 100

111 100.7 83.8 125.6

192 17.9 14.5 21.7





#50

Toluene-d8

Concen: 38.515 ug/l

RT: 10.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017134.D

Acq: 30 Jan 2024 10:29

Instrument :

MSVOA_Y

ClientSampleId :

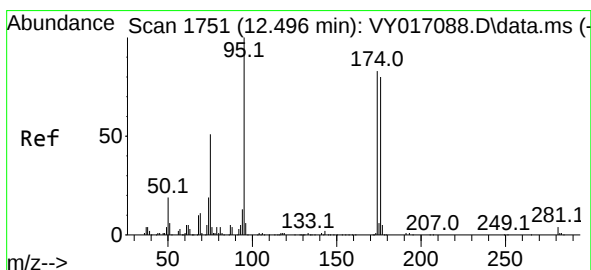
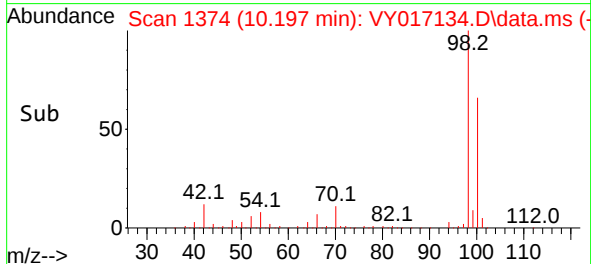
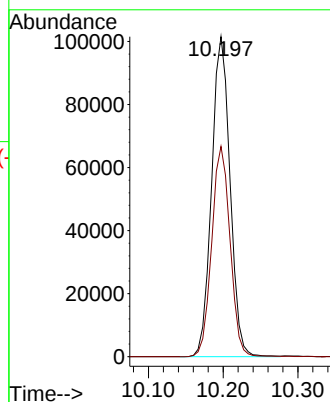
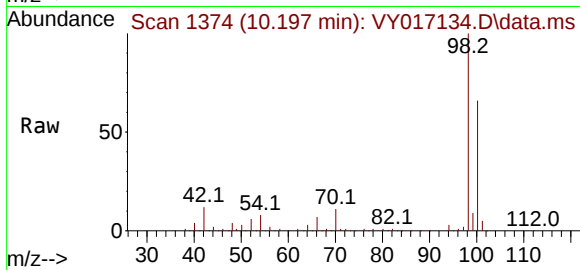
VY0130SBL01

Tgt Ion: 98 Resp: 173568

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 38.419 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017134.D

Acq: 30 Jan 2024 10:29

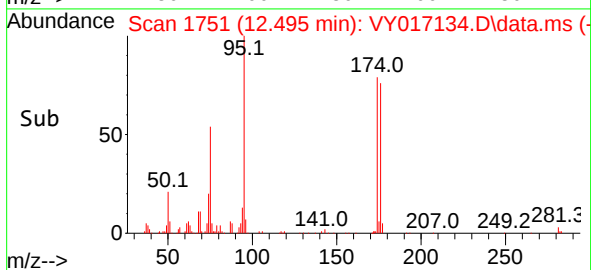
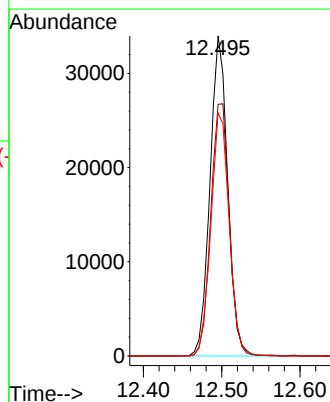
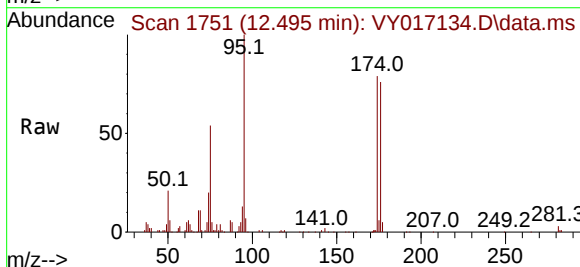
Tgt Ion: 95 Resp: 53336

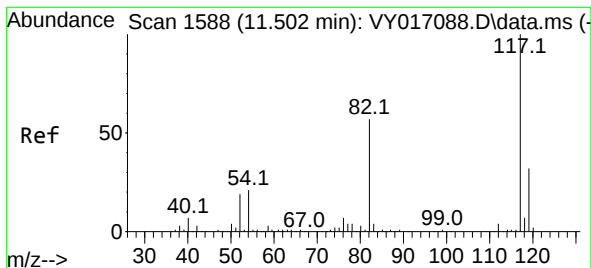
Ion Ratio Lower Upper

95 100

174 82.5 0.0 160.0

176 78.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017134.D

Acq: 30 Jan 2024 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBL01

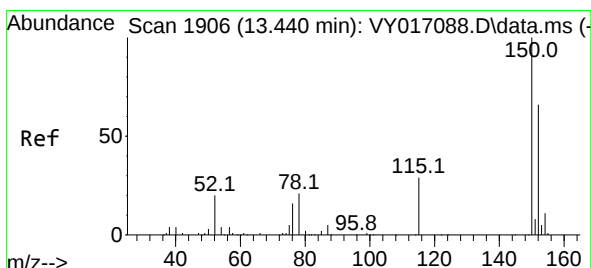
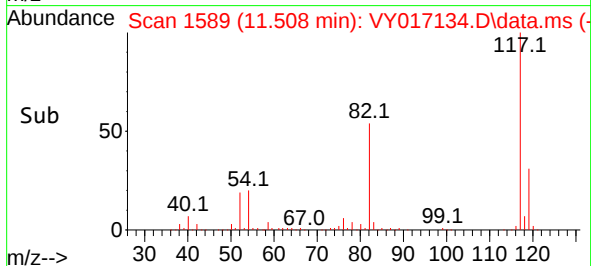
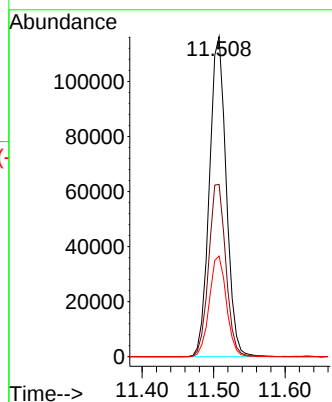
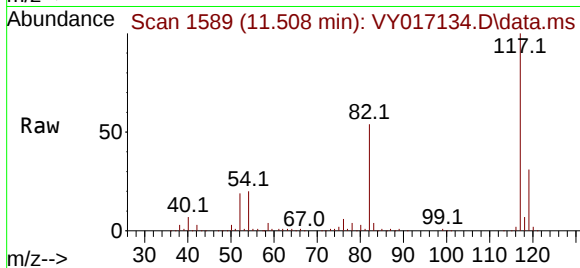
Tgt Ion:117 Resp: 190308

Ion Ratio Lower Upper

117 100

82 53.9 43.8 65.8

119 31.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017134.D

Acq: 30 Jan 2024 10:29

Tgt Ion:152 Resp: 71702

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 157.7 0.0 344.6

