

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017359.D
 Acq On : 12 Feb 2024 17:29
 Operator : SY/MD
 Sample : P1448-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-020924RE

Quant Time: Feb 13 01:29:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	28096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	50159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	42296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	14108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	13382	53.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.640%
35) Dibromofluoromethane	7.722	113	13682	50.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.040%
50) Toluene-d8	10.185	98	43612	44.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.460%
62) 4-Bromofluorobenzene	12.489	95	11065	34.255	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.520%

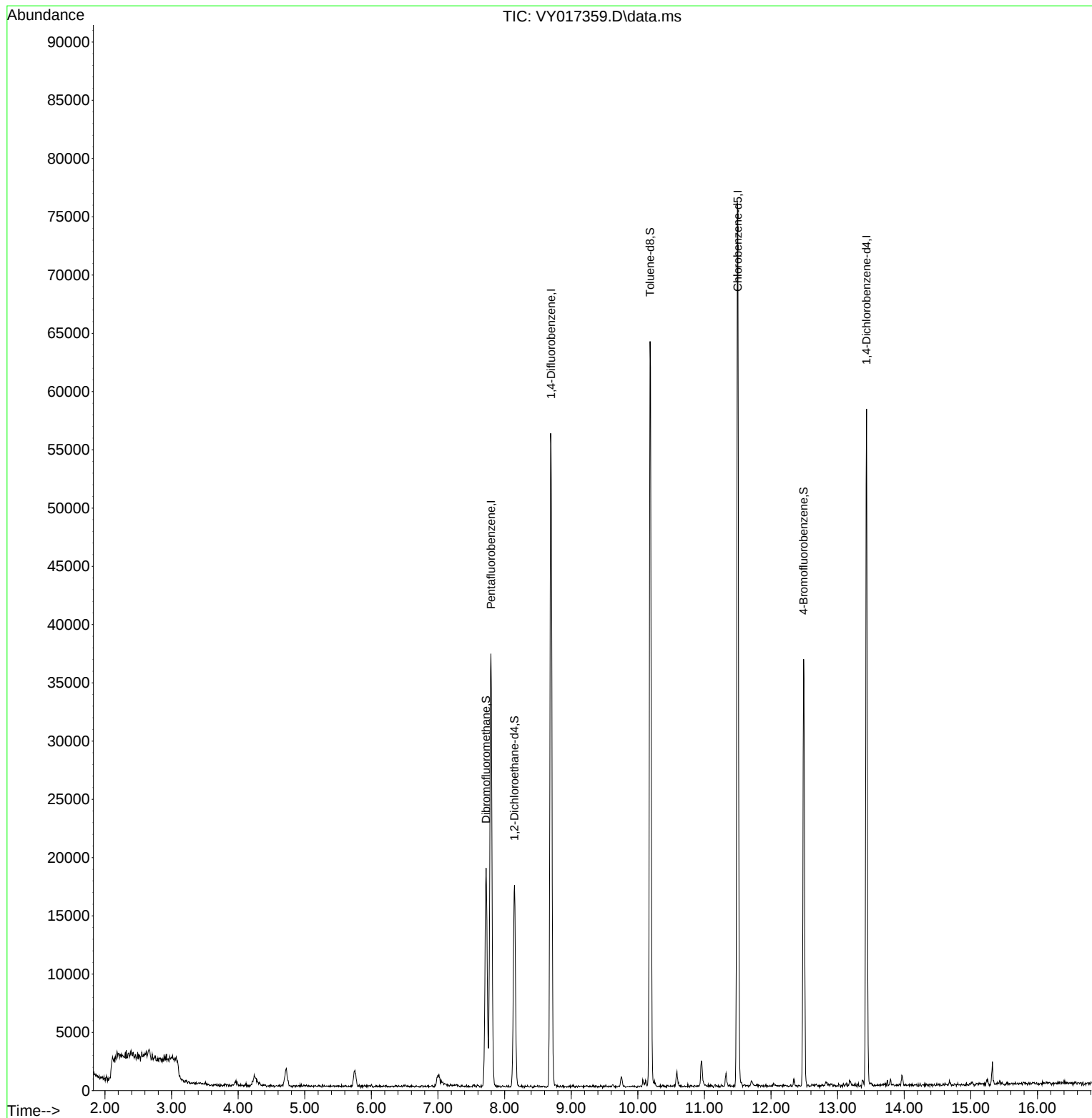
Target Compounds	Qvalue

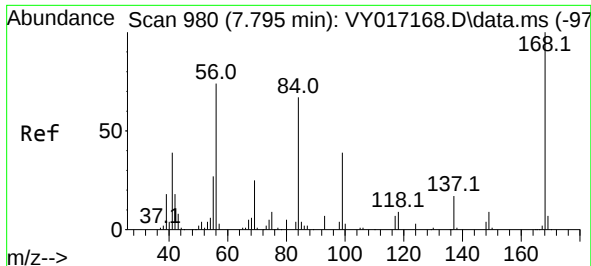
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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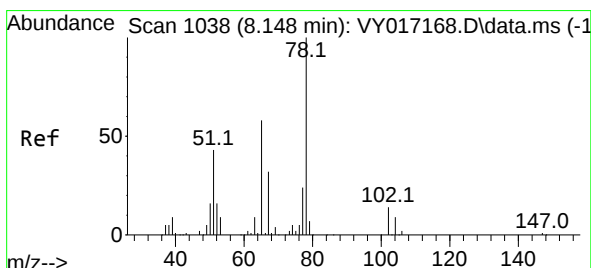
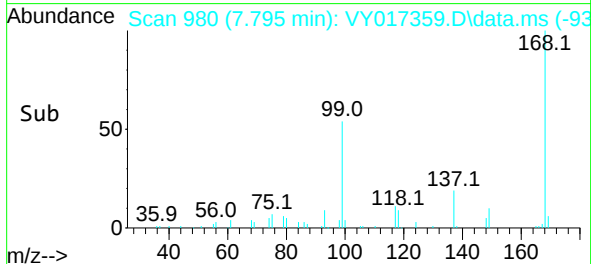
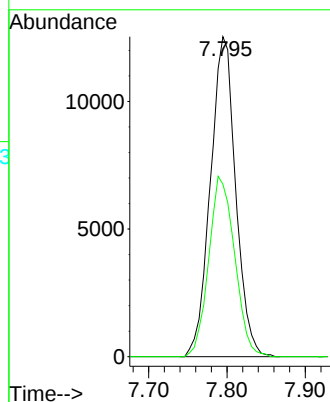
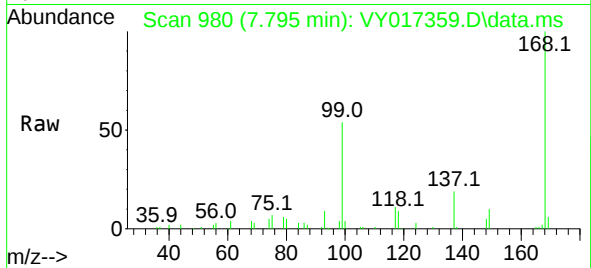




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

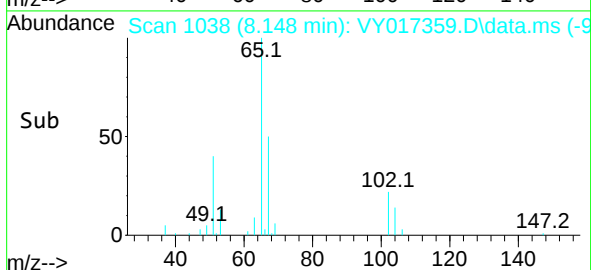
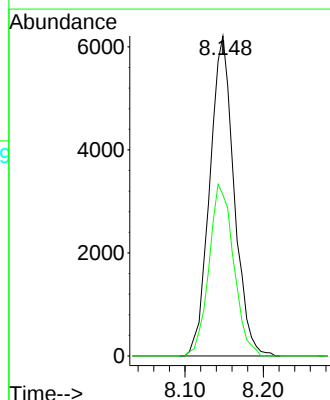
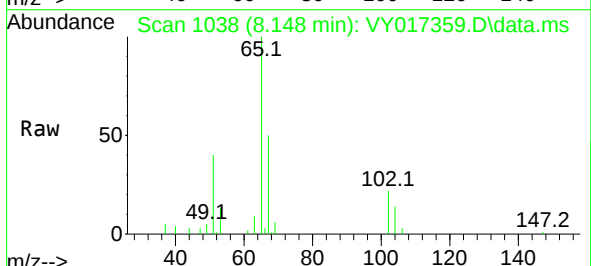
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-020924RE

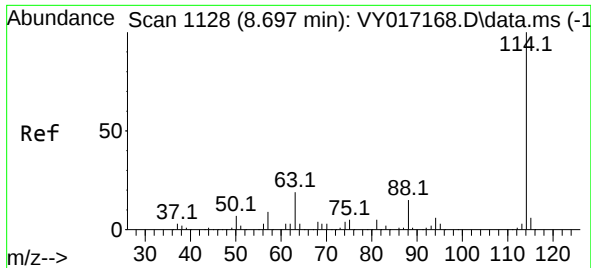
Tgt Ion:168 Resp: 28096
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.316 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

Tgt Ion: 65 Resp: 13382
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017359.D

Acq: 12 Feb 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-020924RE

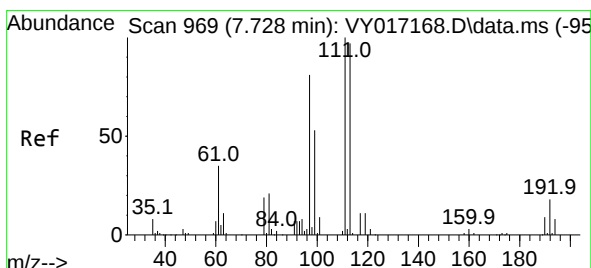
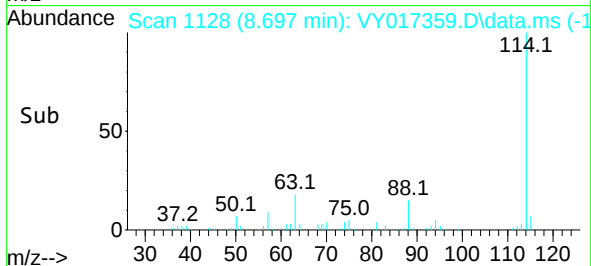
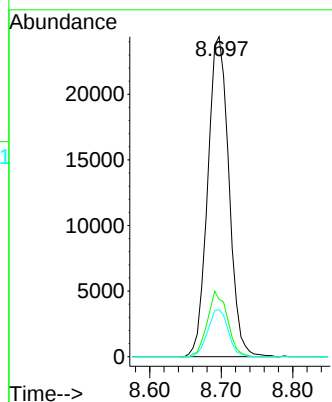
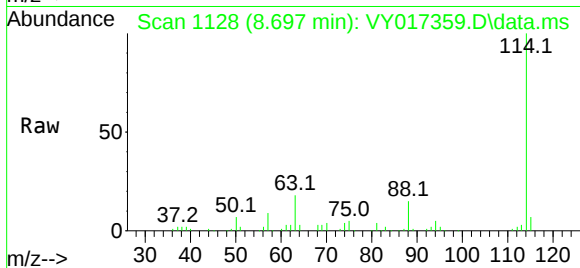
Tgt Ion:114 Resp: 50159

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.519 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017359.D

Acq: 12 Feb 2024 17:29

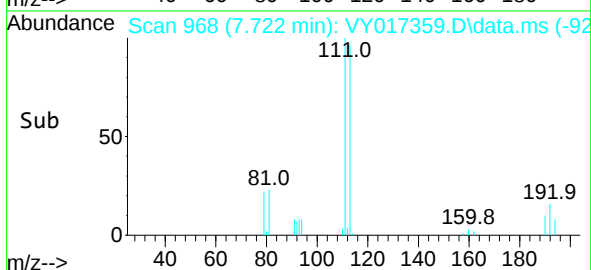
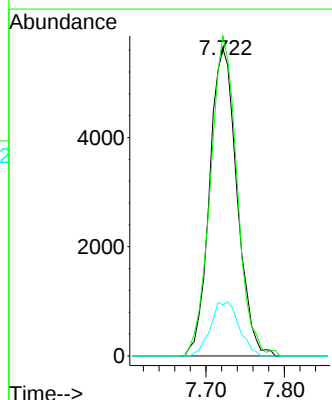
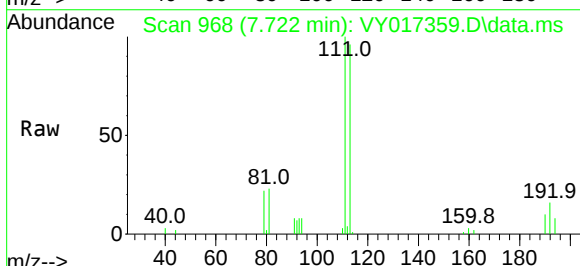
Tgt Ion:113 Resp: 13682

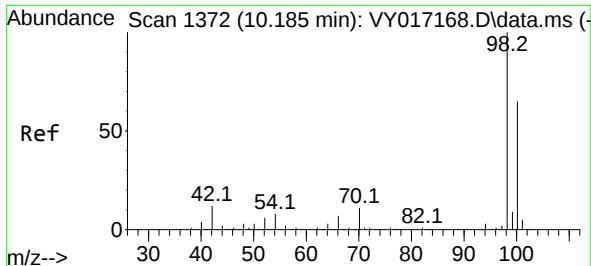
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.3 14.5 21.7

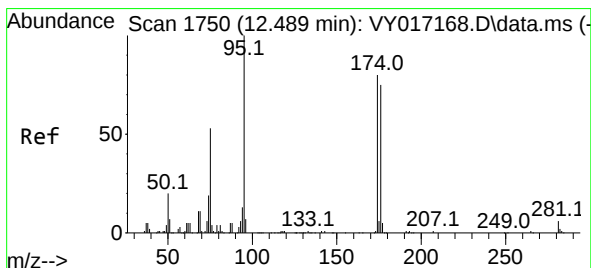
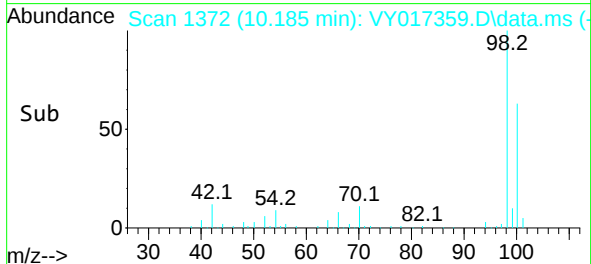
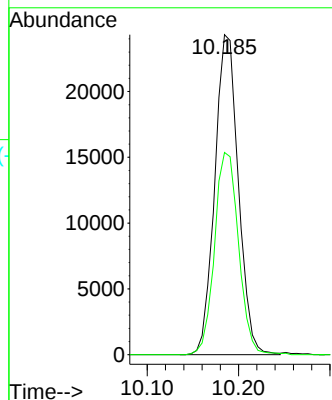
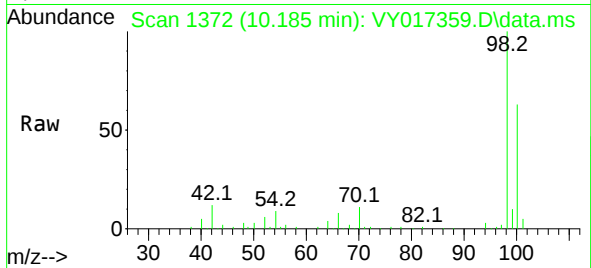




#50
Toluene-d8
Concen: 44.229 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

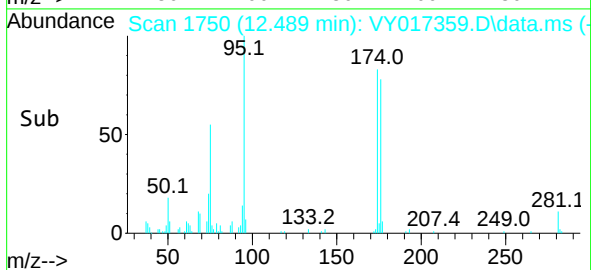
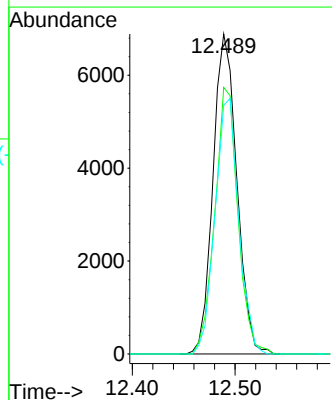
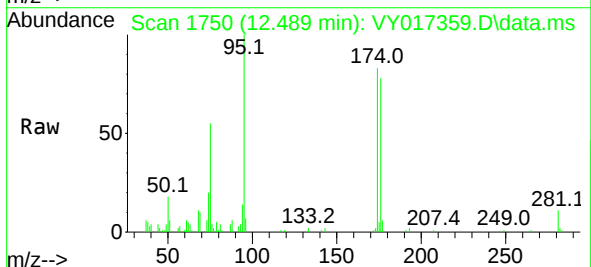
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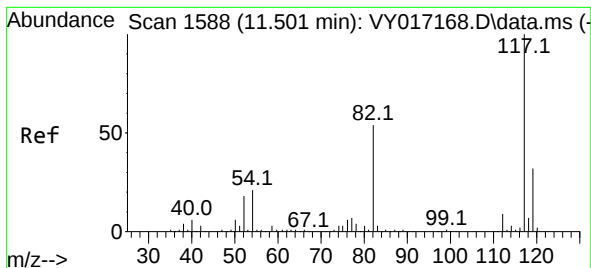
Tgt Ion: 98 Resp: 43612
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 34.255 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

Tgt Ion: 95 Resp: 11065
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.0
176 79.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017359.D

Acq: 12 Feb 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-020924RE

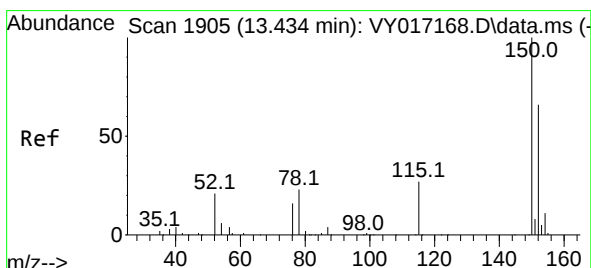
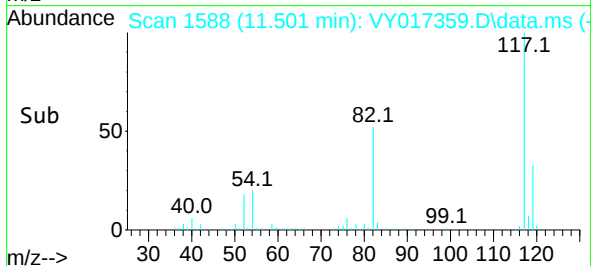
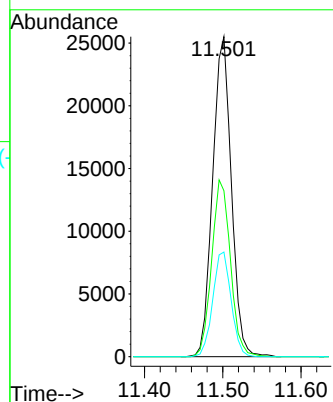
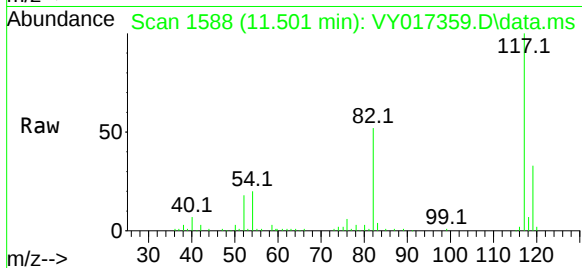
Tgt Ion:117 Resp: 42296

Ion Ratio Lower Upper

117 100

82 51.8 43.8 65.8

119 32.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017359.D

Acq: 12 Feb 2024 17:29

Tgt Ion:152 Resp: 14108

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 162.0 0.0 344.6

