

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017573.D
 Acq On : 05 Mar 2024 15:54
 Operator : SY/MD
 Sample : P1674-01RE
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1ARE

Quant Time: Mar 05 22:05:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	17448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	23879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	16082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	3984	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5685	34.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.760%
35) Dibromofluoromethane	7.722	113	7701	46.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.560%
50) Toluene-d8	10.185	98	24552	42.201	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.400%
62) 4-Bromofluorobenzene	12.495	95	4187	22.900	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.800%

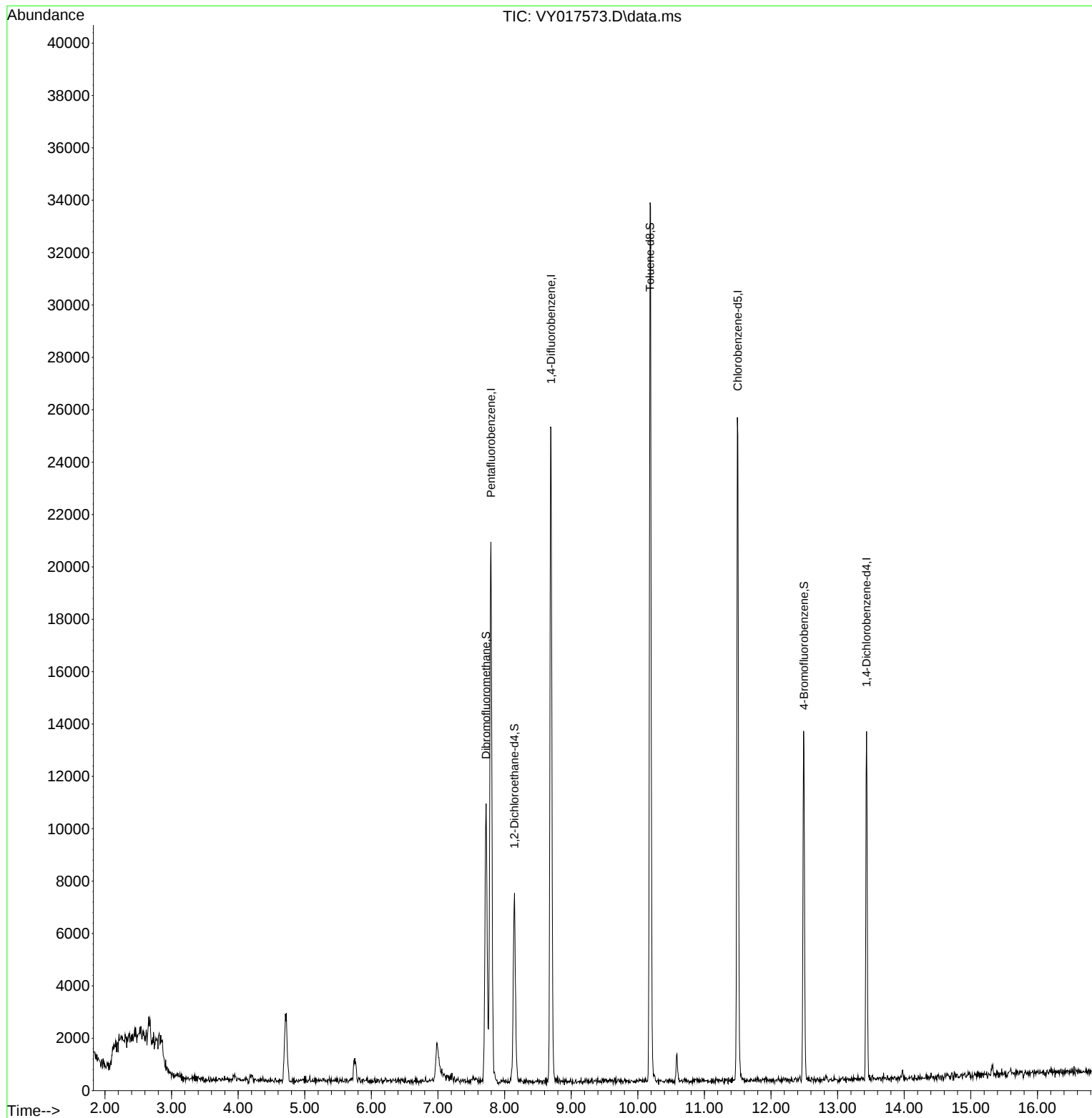
Target Compounds	Qvalue

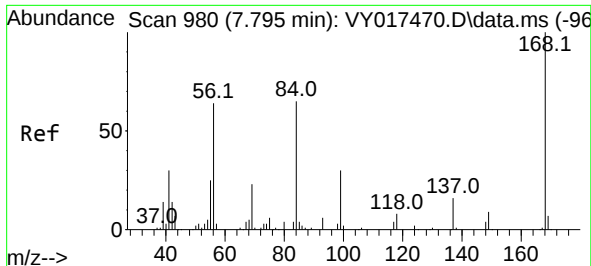
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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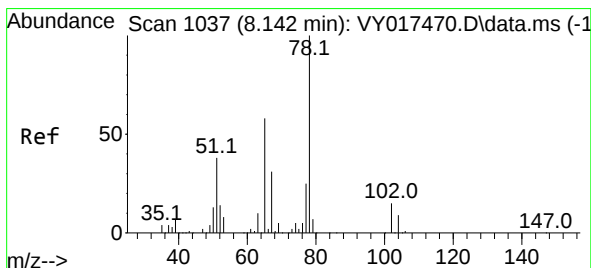
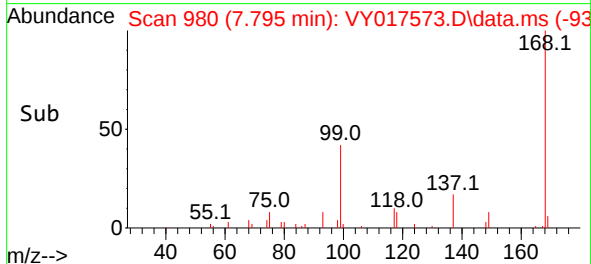
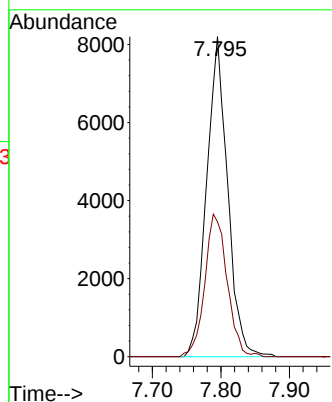
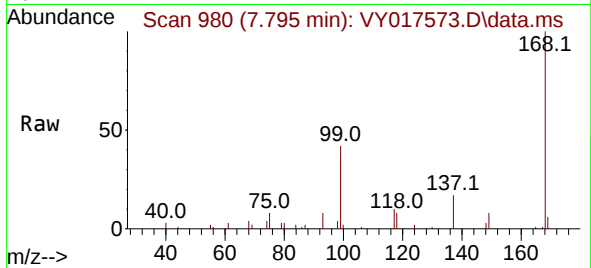




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017573.D
Acq: 05 Mar 2024 15:54

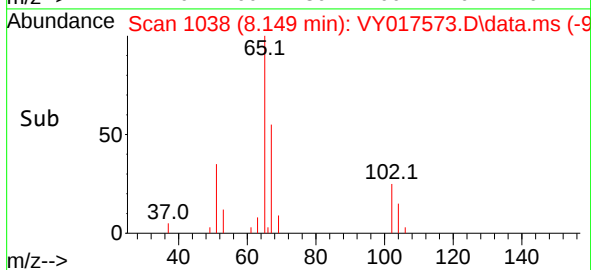
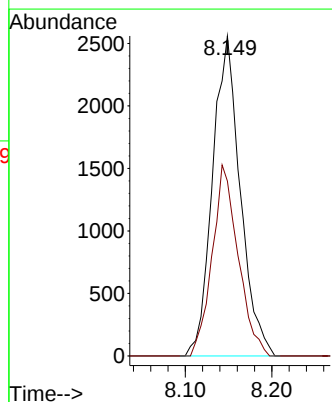
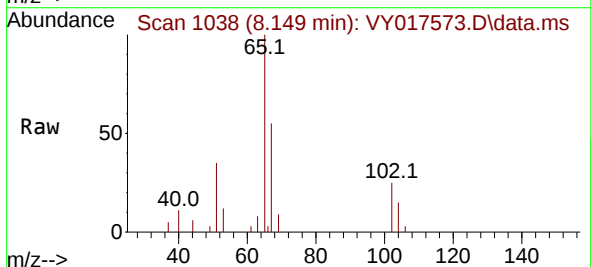
Instrument :
MSVOA_Y
ClientSampleId :
1ARE

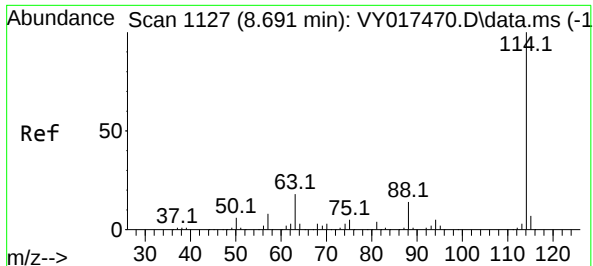
Tgt Ion:168 Resp: 17448
Ion Ratio Lower Upper
168 100
99 42.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 34.380 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017573.D
Acq: 05 Mar 2024 15:54

Tgt Ion: 65 Resp: 5685
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017573.D

Acq: 05 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

1ARE

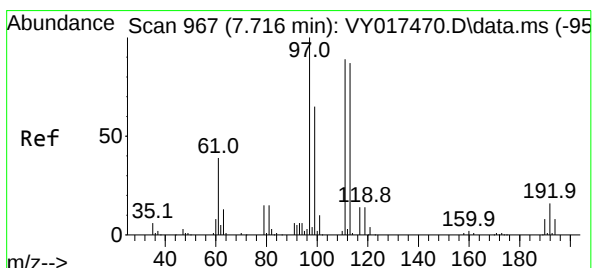
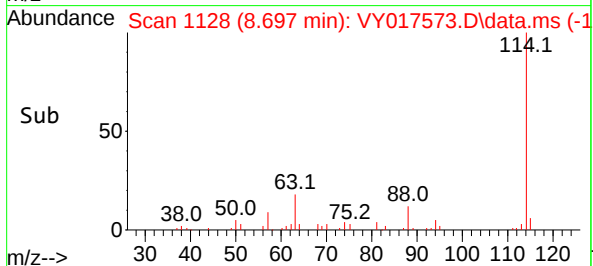
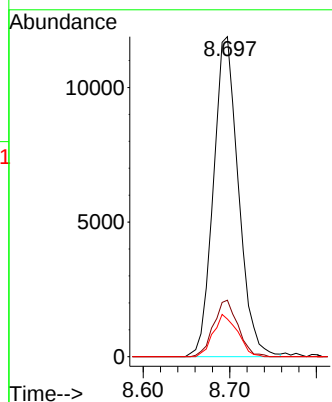
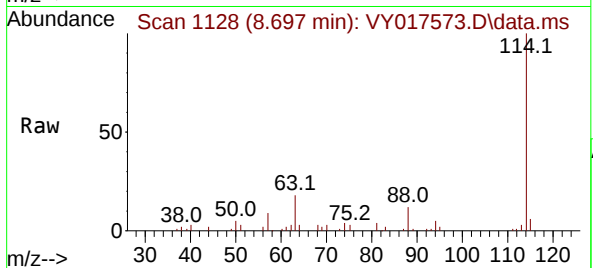
Tgt Ion:114 Resp: 23879

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 11.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.281 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017573.D

Acq: 05 Mar 2024 15:54

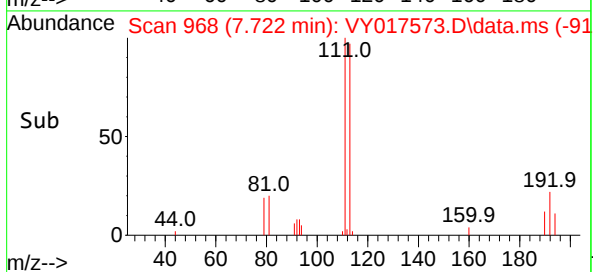
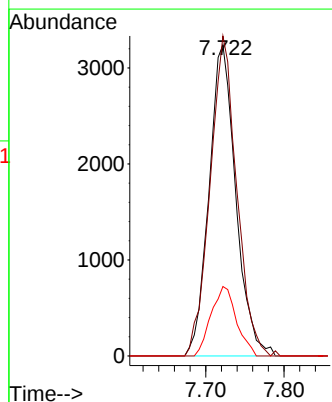
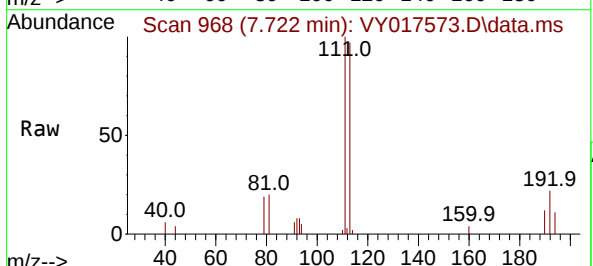
Tgt Ion:113 Resp: 7701

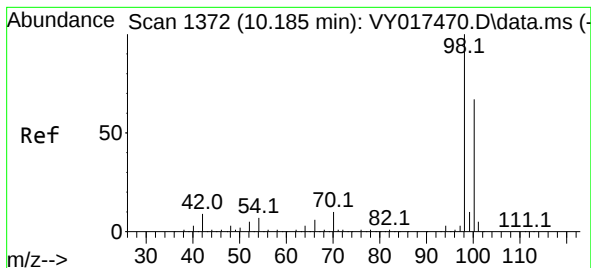
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 21.1 15.9 23.9





#50

Toluene-d8

Concen: 42.201 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017573.D

Acq: 05 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

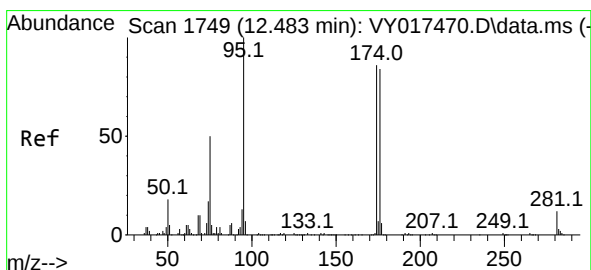
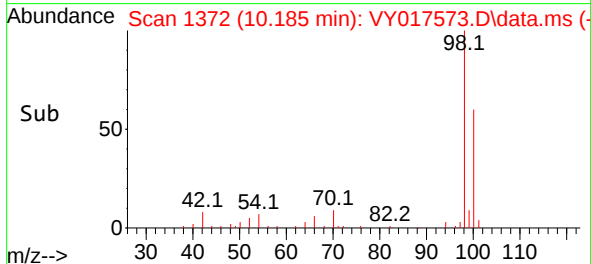
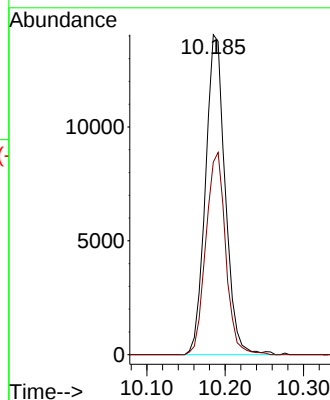
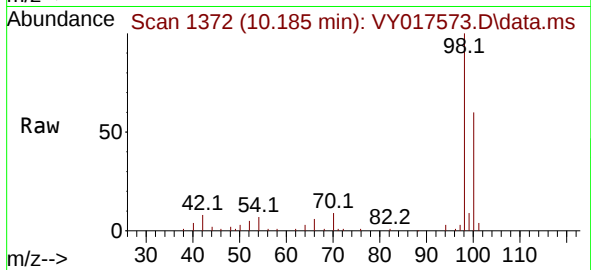
1ARE

Tgt Ion: 98 Resp: 24552

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 22.900 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017573.D

Acq: 05 Mar 2024 15:54

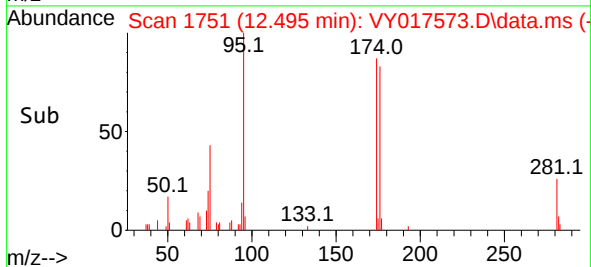
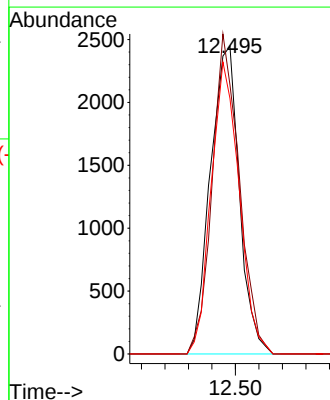
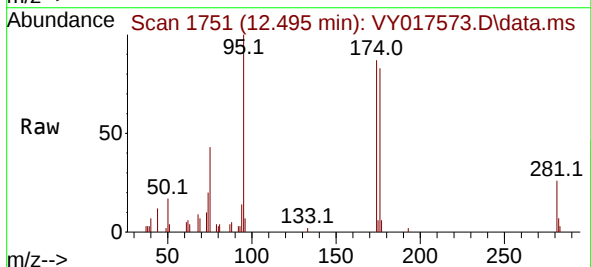
Tgt Ion: 95 Resp: 4187

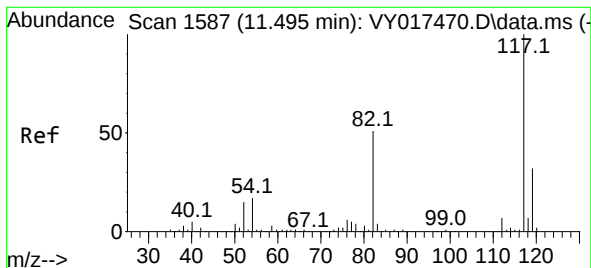
Ion Ratio Lower Upper

95 100

174 97.3 0.0 175.6

176 91.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017573.D

Acq: 05 Mar 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

1ARE

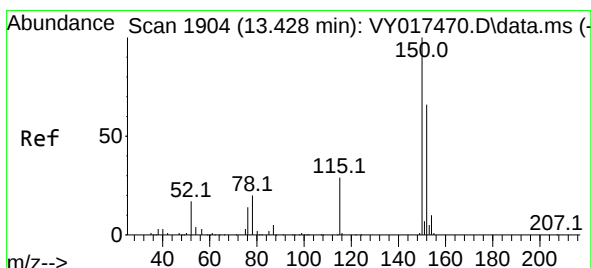
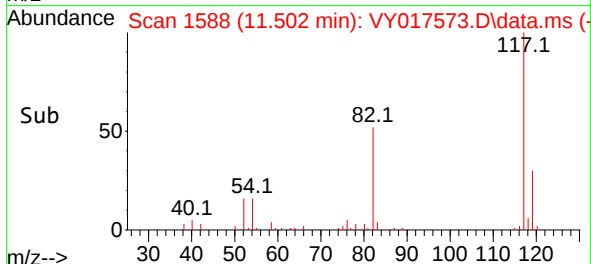
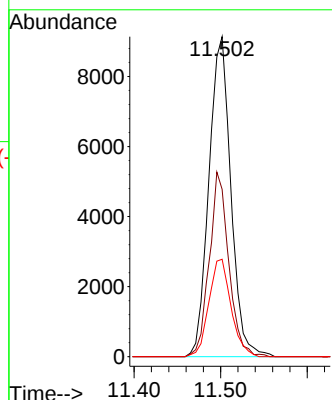
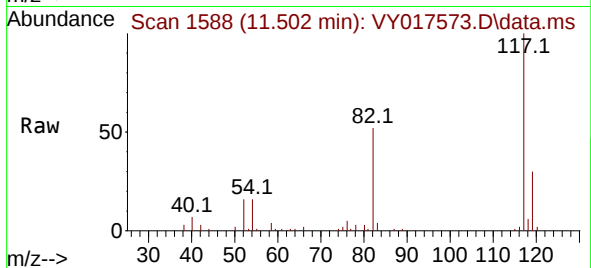
Tgt Ion:117 Resp: 16082

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 30.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017573.D

Acq: 05 Mar 2024 15:54

Tgt Ion:152 Resp: 3984

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 147.0 0.0 345.6

