

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017704.D
 Acq On : 19 Mar 2024 11:39
 Operator : SY/MD
 Sample : VY0319SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBL02

Quant Time: Mar 19 12:00:27 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	7.807	168	132462	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	221088	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	193418	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	77968	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	60064	47.845	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.700%
35) Dibromofluoromethane	7.734	113	69686	45.233	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.460%
50) Toluene-d8	10.197	98	250873	46.574	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.495	95	67354	39.787	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.580%

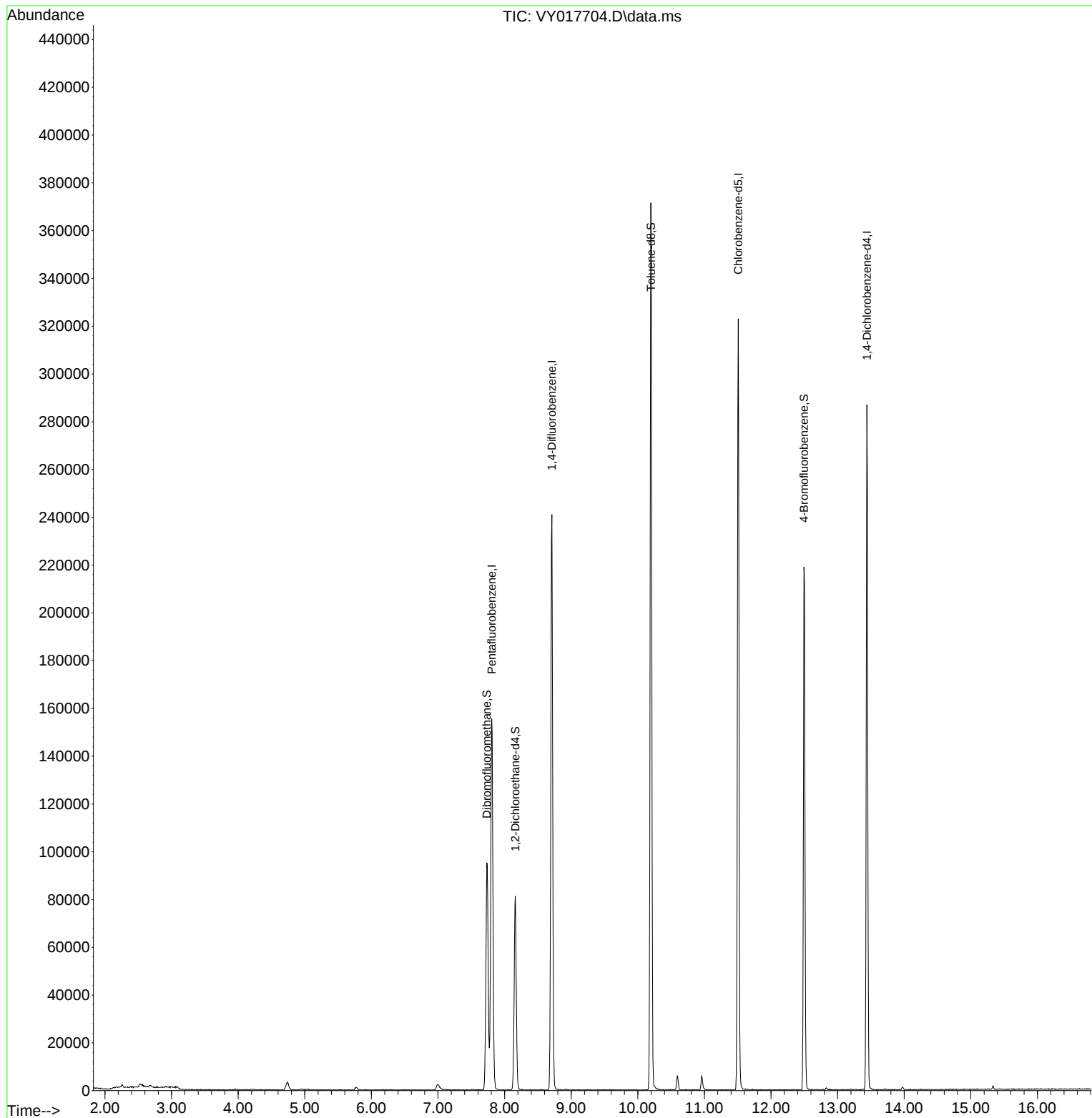
Target Compounds	Qvalue

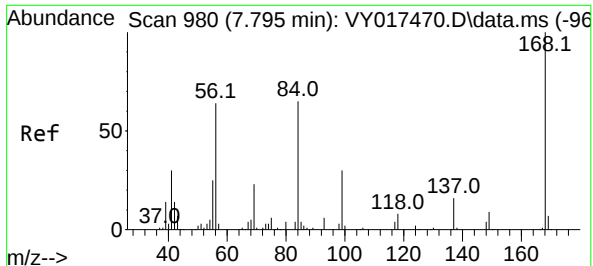
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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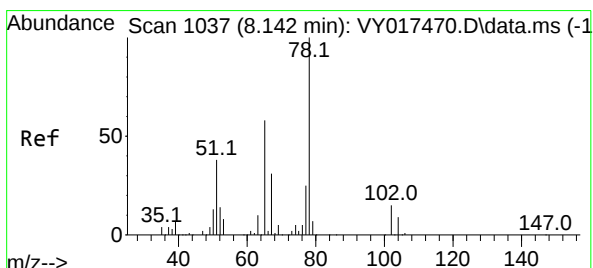
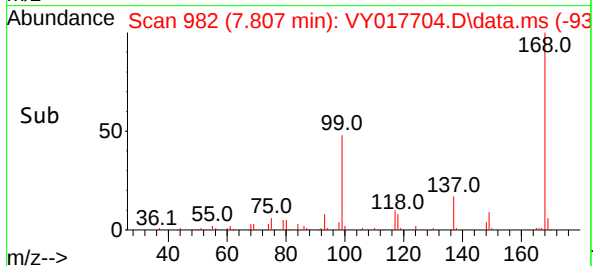
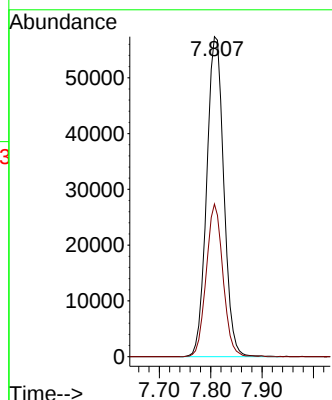
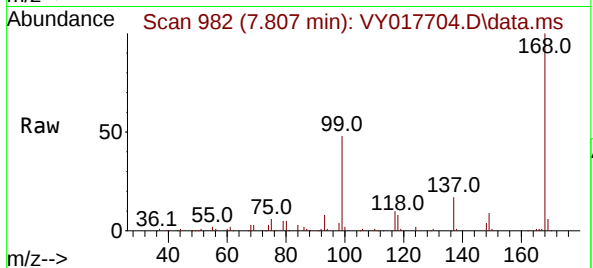




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017704.D
Acq: 19 Mar 2024 11:39

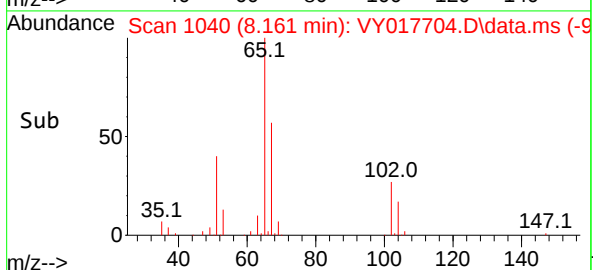
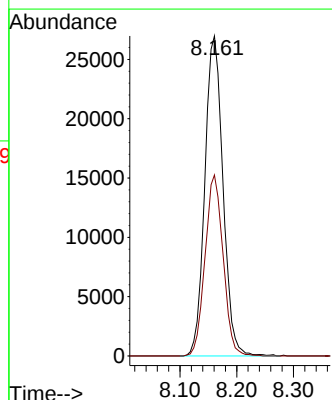
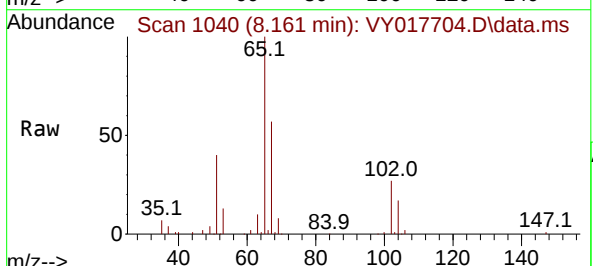
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL02

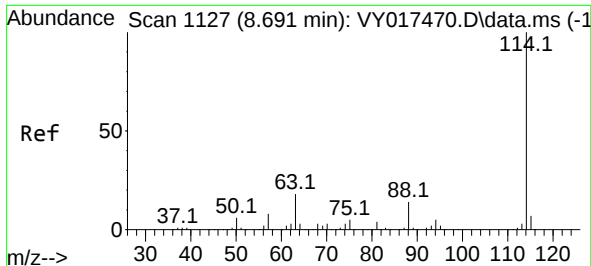
Tgt Ion:168 Resp: 132462
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.845 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.018 min
Lab File: VY017704.D
Acq: 19 Mar 2024 11:39

Tgt Ion: 65 Resp: 60064
Ion Ratio Lower Upper
65 100
67 56.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1127

Delta R.T. 0.018 min

Lab File: VY017704.D

Acq: 19 Mar 2024 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL02

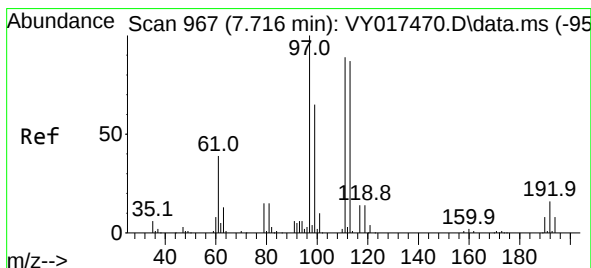
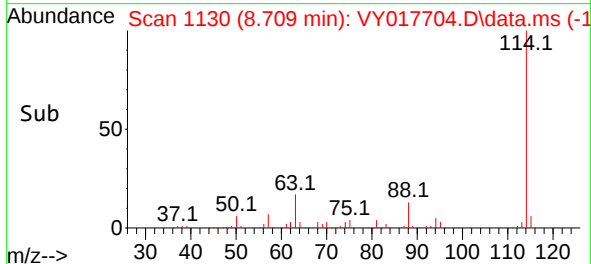
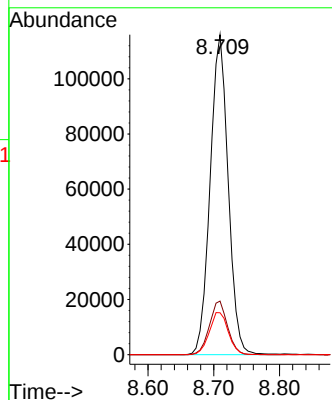
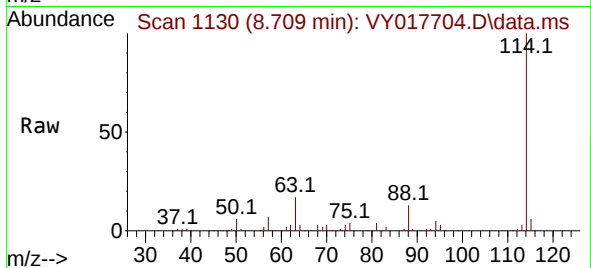
Tgt Ion:114 Resp: 221088

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.233 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017704.D

Acq: 19 Mar 2024 11:39

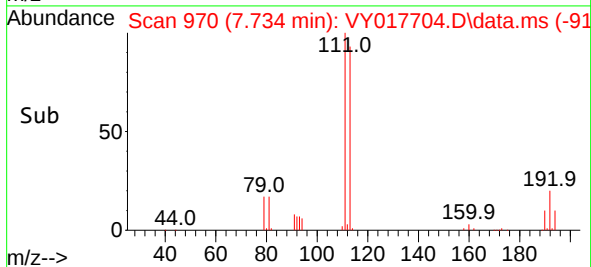
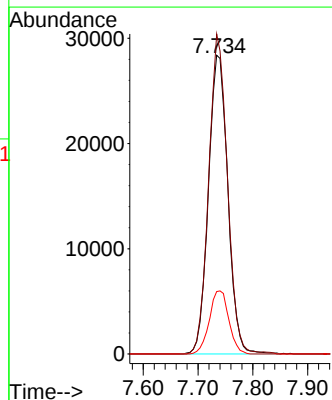
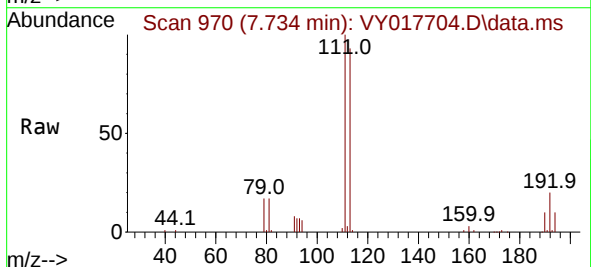
Tgt Ion:113 Resp: 69686

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 21.2 15.9 23.9

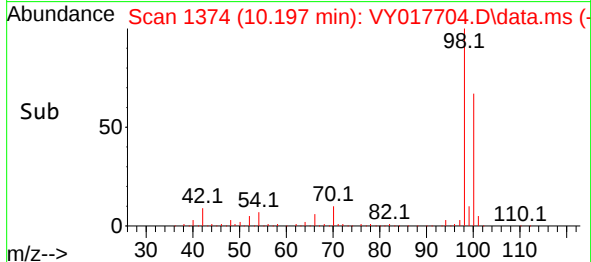
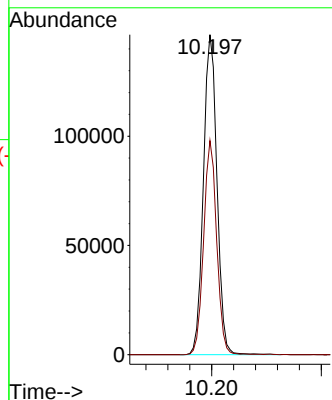
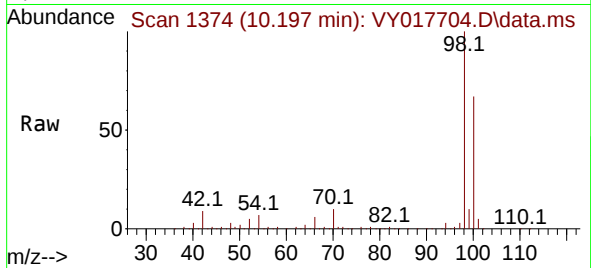




#50
Toluene-d8
Concen: 46.574 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017704.D
Acq: 19 Mar 2024 11:39

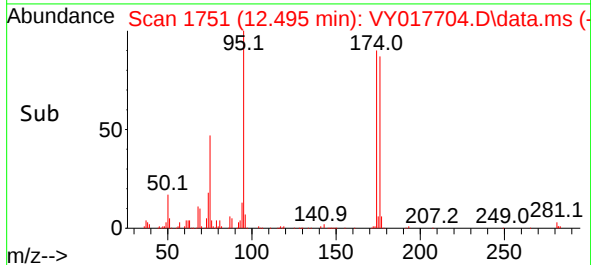
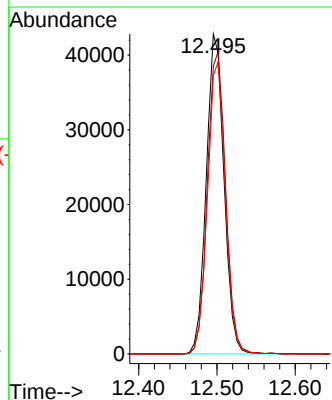
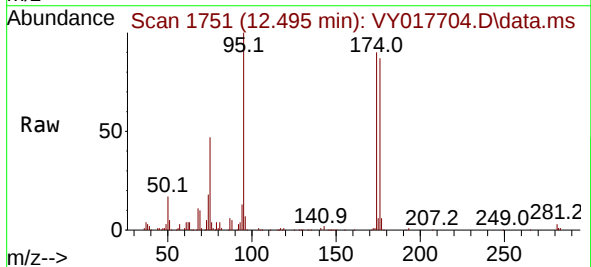
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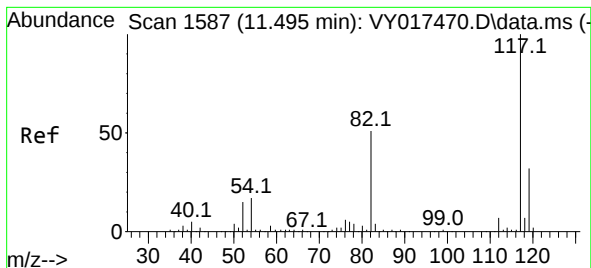
Tgt Ion: 98 Resp: 250873
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.787 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017704.D
Acq: 19 Mar 2024 11:39

Tgt Ion: 95 Resp: 67354
Ion Ratio Lower Upper
95 100
174 96.9 0.0 175.6
176 92.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017704.D

Acq: 19 Mar 2024 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL02

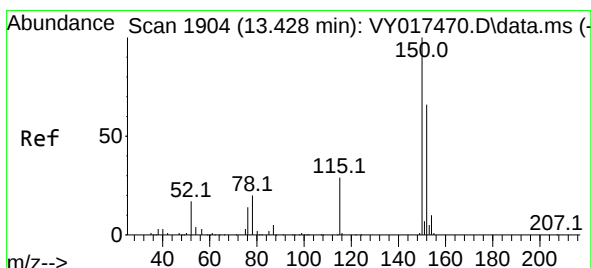
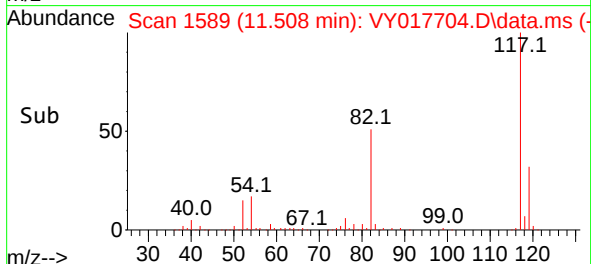
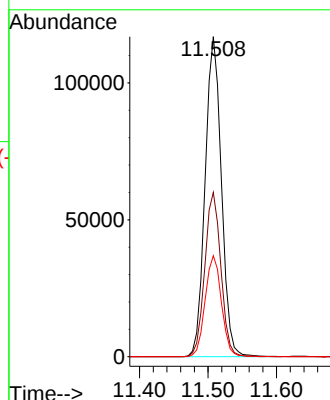
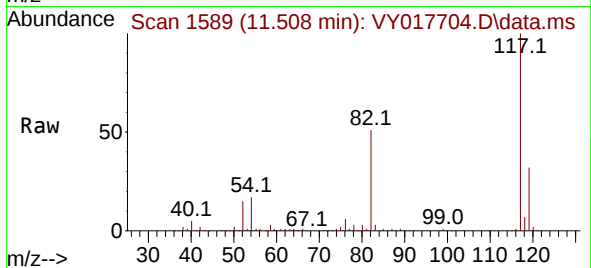
Tgt Ion:117 Resp: 193418

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VY017704.D

Acq: 19 Mar 2024 11:39

Tgt Ion:152 Resp: 77968

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 158.0 0.0 345.6

