

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017703.D
 Acq On : 19 Mar 2024 11:16
 Operator : SY/MD
 Sample : VY0319SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBL01

Quant Time: Mar 19 11:59:57 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	7.801	168	141623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	234978	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	203836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	84592	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	63644	47.418	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.840%
35) Dibromofluoromethane	7.734	113	73452	44.859	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.720%
50) Toluene-d8	10.191	98	265651	46.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.800%
62) 4-Bromofluorobenzene	12.496	95	71452	39.713	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.420%

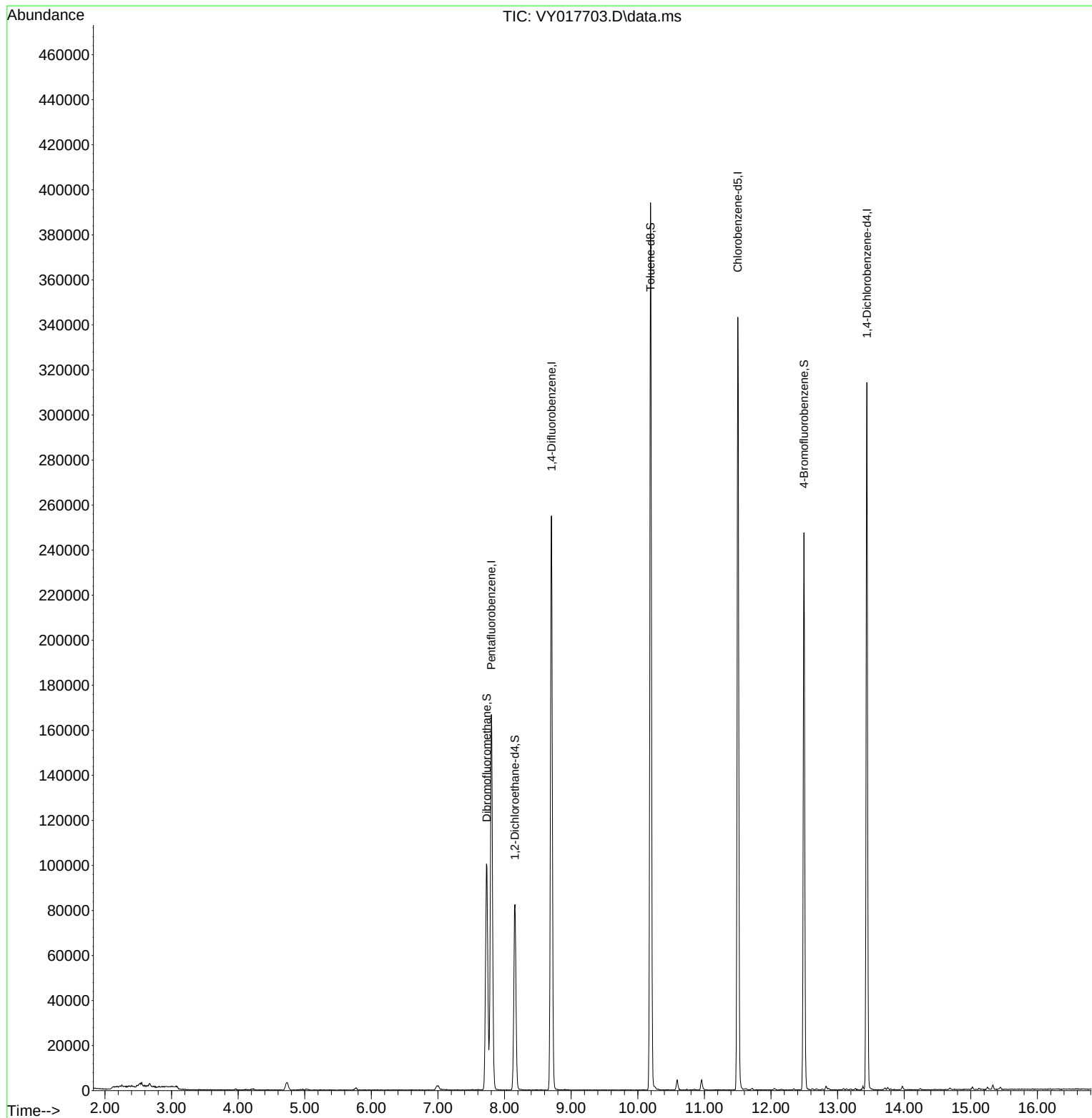
Target Compounds	Qvalue

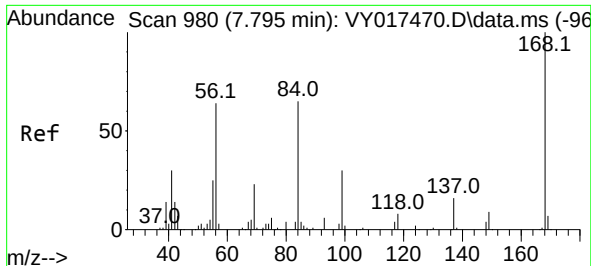
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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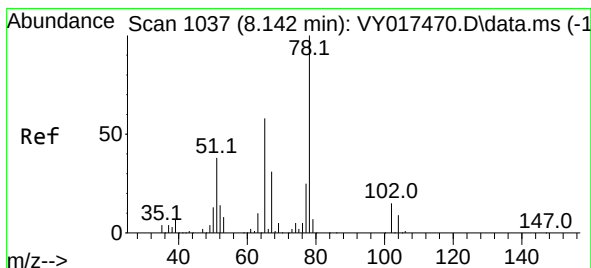
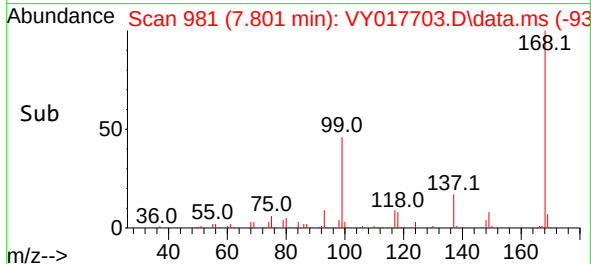
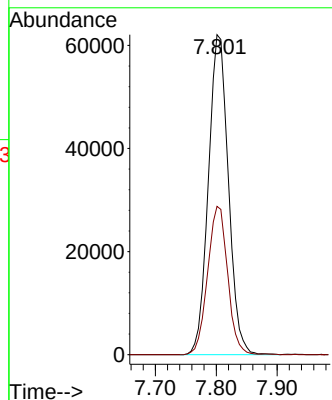
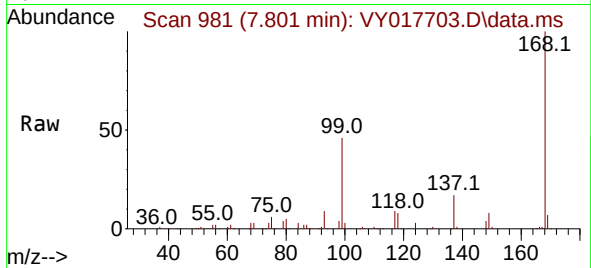




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

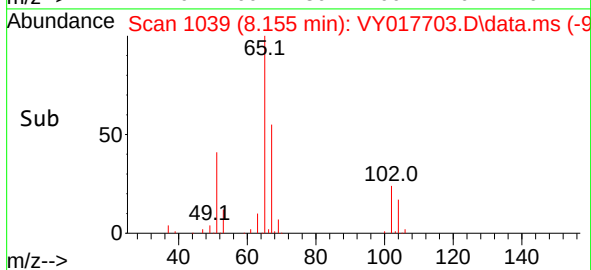
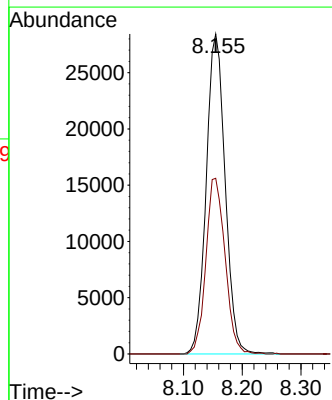
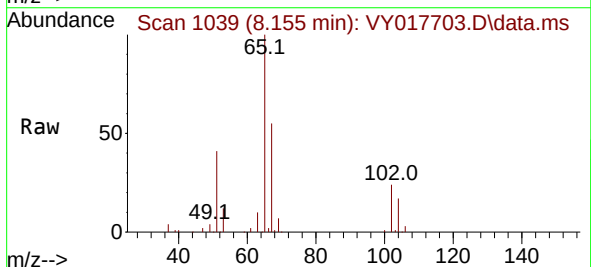
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

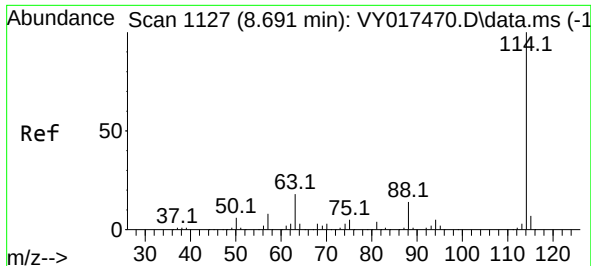
Tgt Ion:168 Resp: 141623
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.418 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

Tgt Ion: 65 Resp: 63644
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017703.D

Acq: 19 Mar 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL01

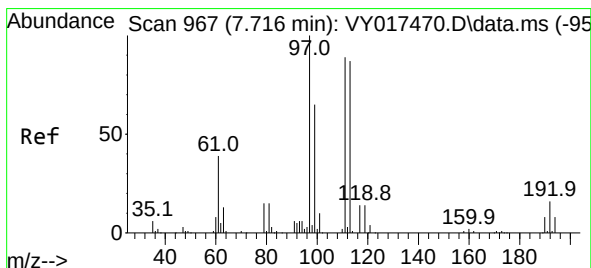
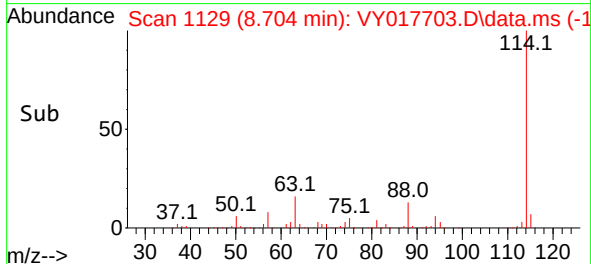
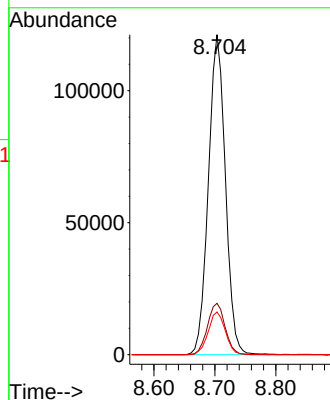
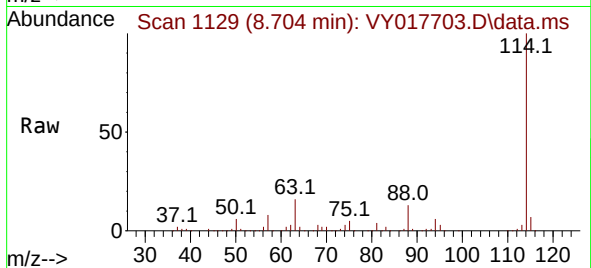
Tgt Ion:114 Resp: 234978

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.859 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.019 min

Lab File: VY017703.D

Acq: 19 Mar 2024 11:16

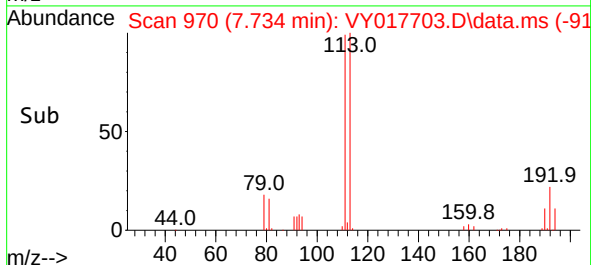
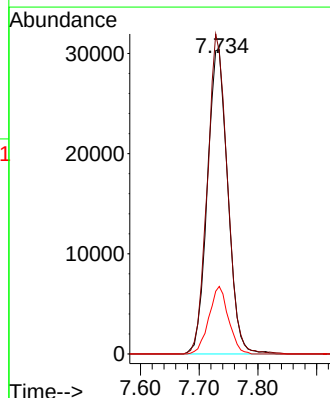
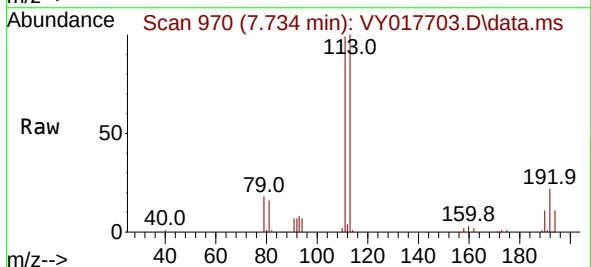
Tgt Ion:113 Resp: 73452

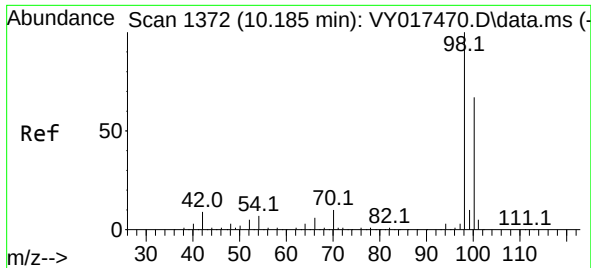
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 21.2 15.9 23.9

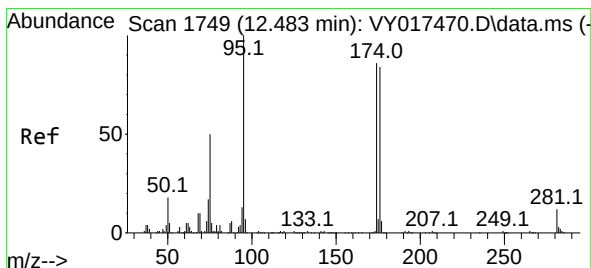
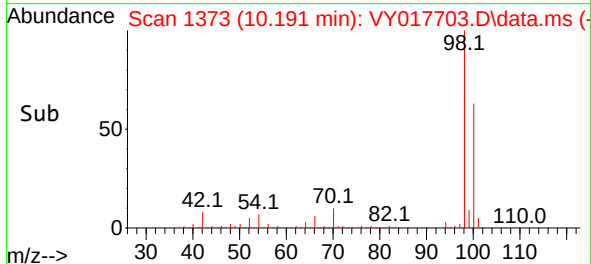
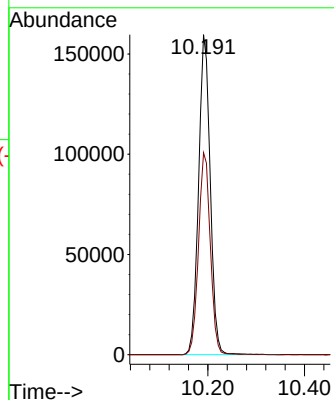
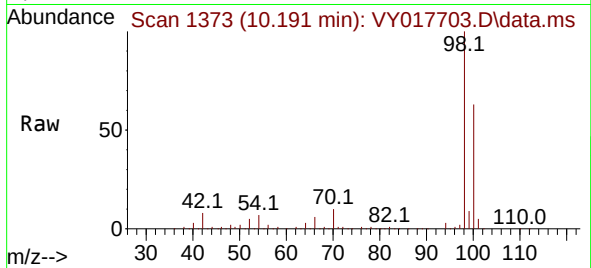




#50
Toluene-d8
Concen: 46.402 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

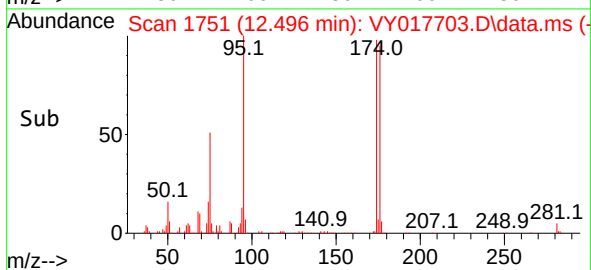
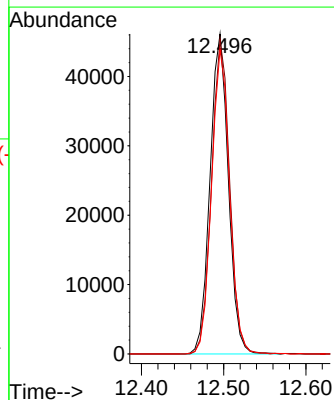
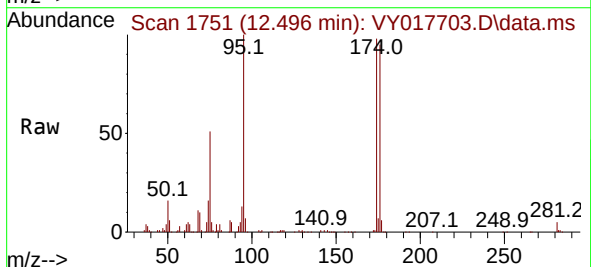
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBL01

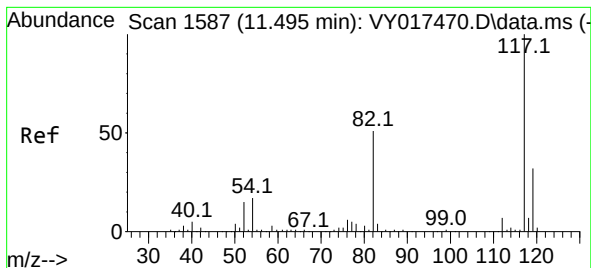
Tgt Ion: 98 Resp: 265651
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.713 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017703.D
Acq: 19 Mar 2024 11:16

Tgt Ion: 95 Resp: 71452
Ion Ratio Lower Upper
95 100
174 97.5 0.0 175.6
176 93.8 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: VY017703.D

Acq: 19 Mar 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBL01

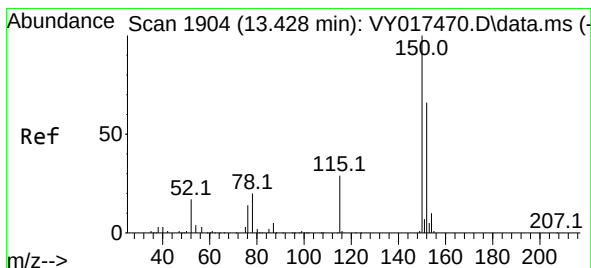
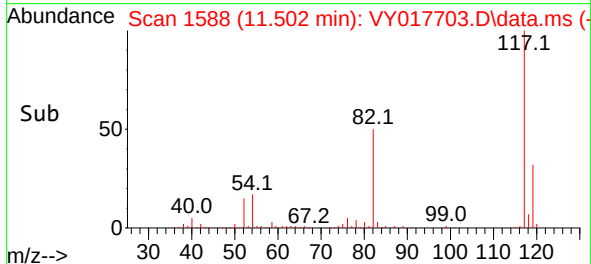
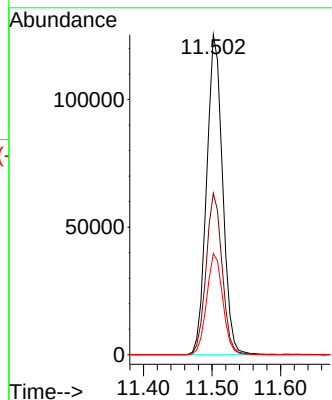
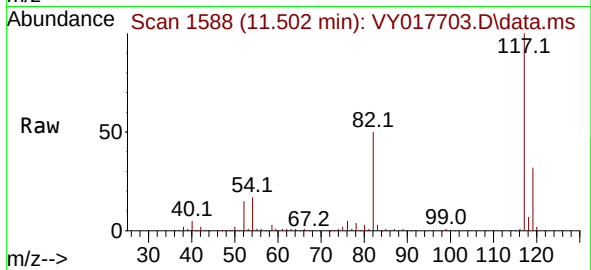
Tgt Ion:117 Resp: 203836

Ion Ratio Lower Upper

117 100

82 50.4 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: VY017703.D

Acq: 19 Mar 2024 11:16

Tgt Ion:152 Resp: 84592

Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 155.9 0.0 345.6

