

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017763.D
 Acq On : 26 Mar 2024 12:26
 Operator : SY/MD
 Sample : P1865-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-205

Quant Time: Mar 27 01:28:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	134830	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	248007	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	212183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71407	60.792	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.580%
35) Dibromofluoromethane	7.728	113	81493	54.971	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.940%
50) Toluene-d8	10.191	98	286713	50.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.489	95	71413	41.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.840%

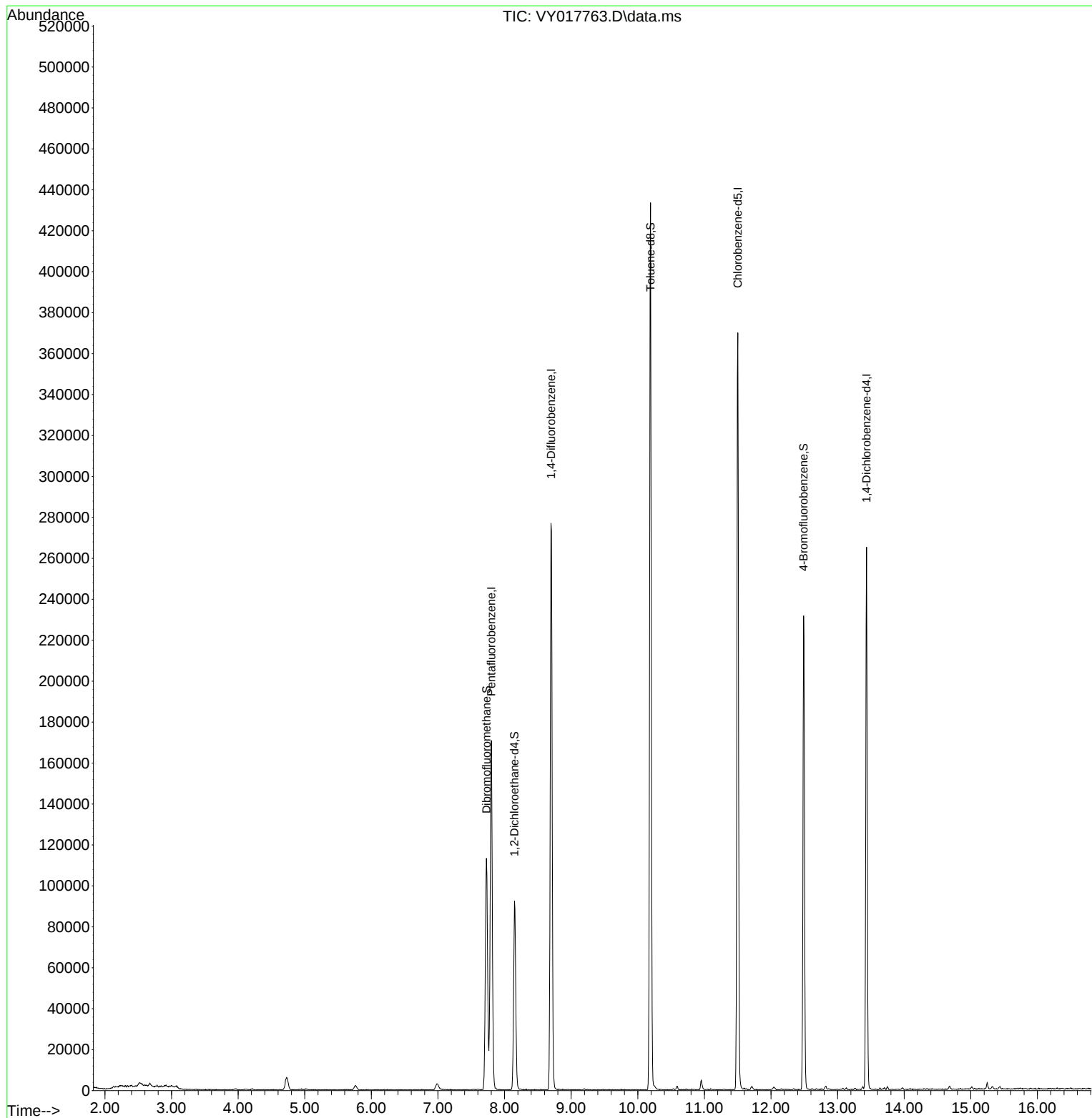
Target Compounds	Qvalue

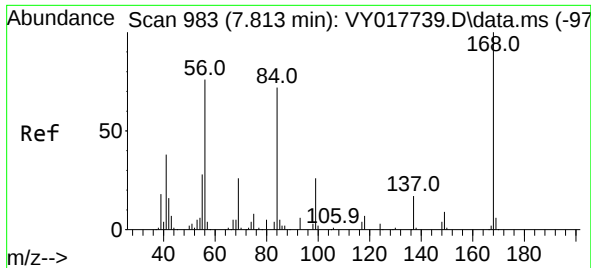
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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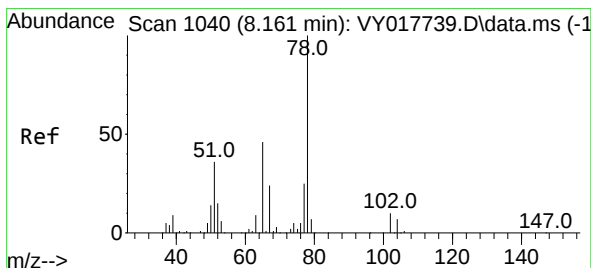
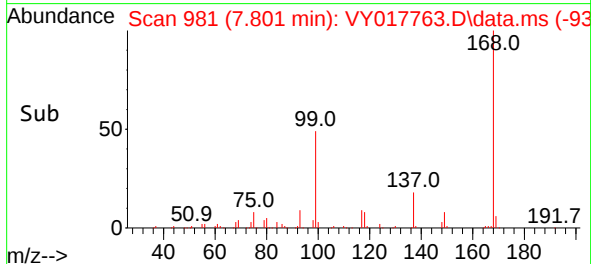
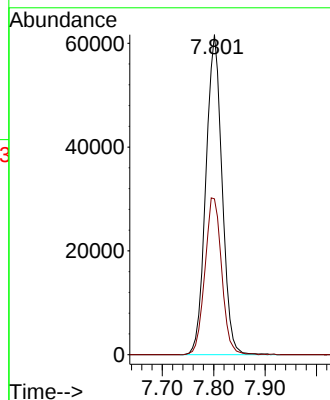
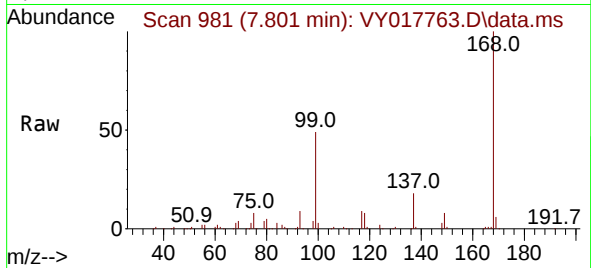




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

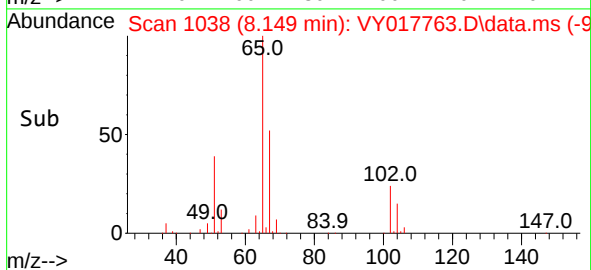
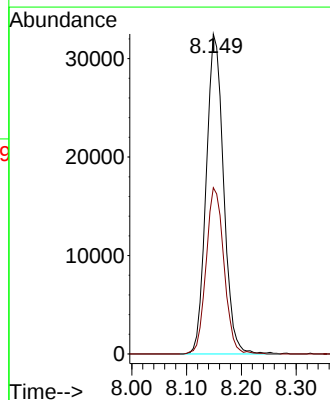
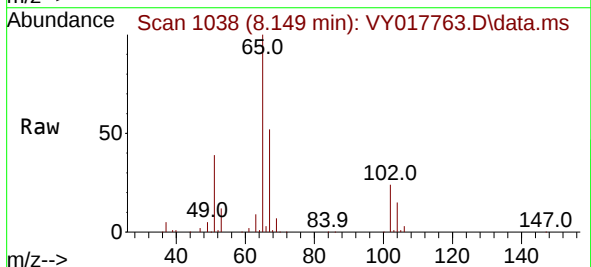
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

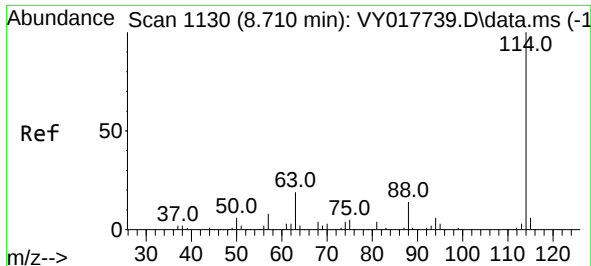
Tgt Ion:168 Resp: 134830
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.792 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.012 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

Tgt Ion: 65 Resp: 71407
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-205

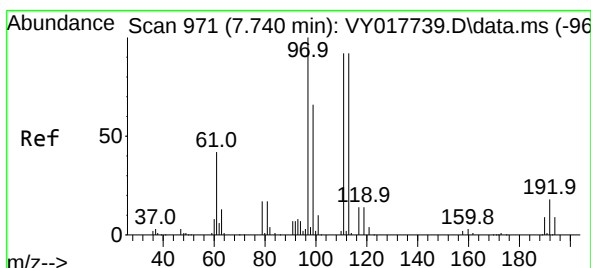
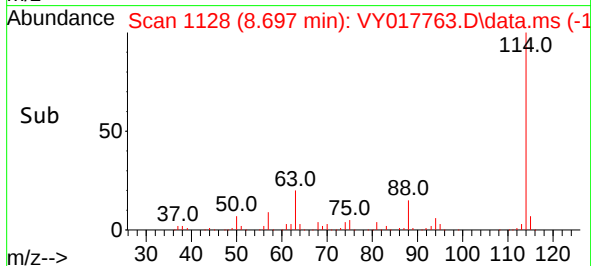
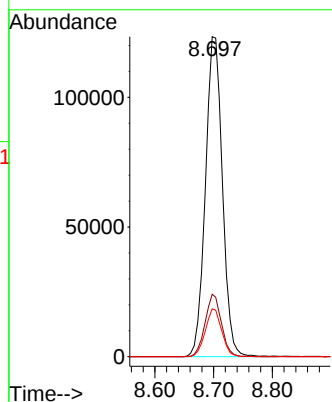
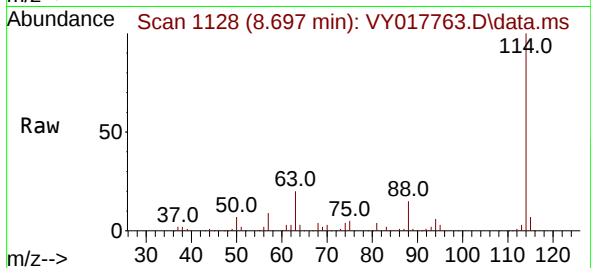
Tgt Ion:114 Resp: 248007

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.971 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.012 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

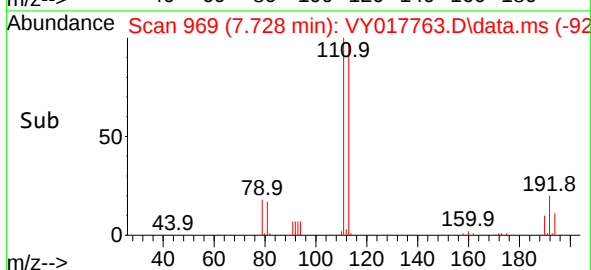
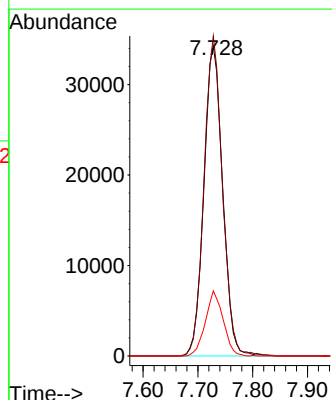
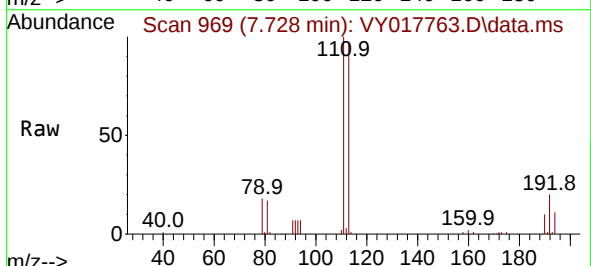
Tgt Ion:113 Resp: 81493

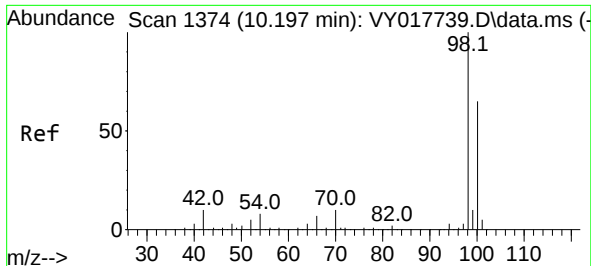
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 19.8 15.9 23.9

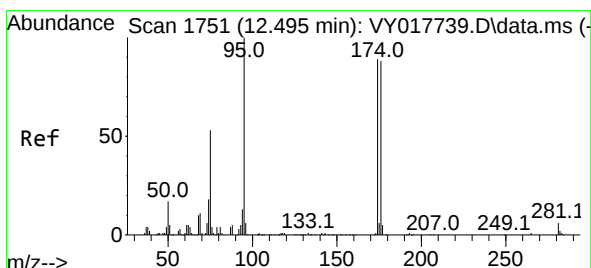
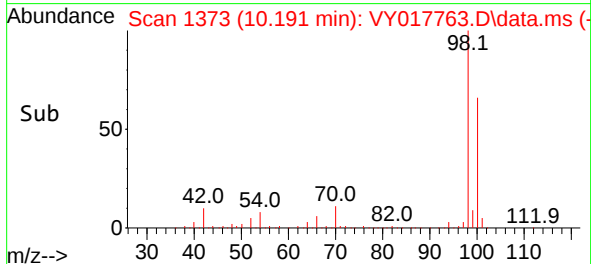
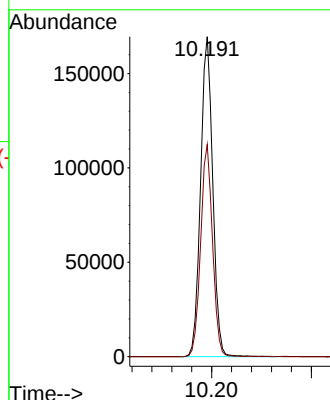
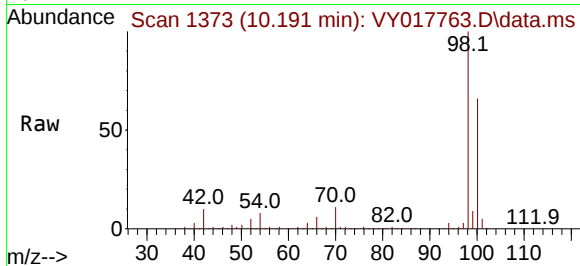




#50
Toluene-d8
Concen: 50.533 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

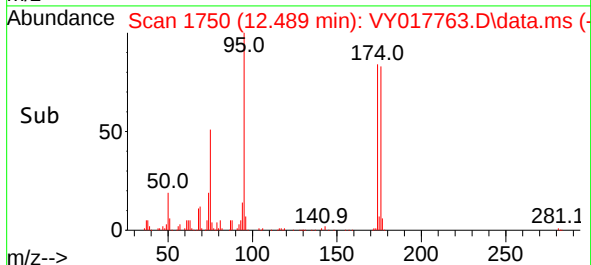
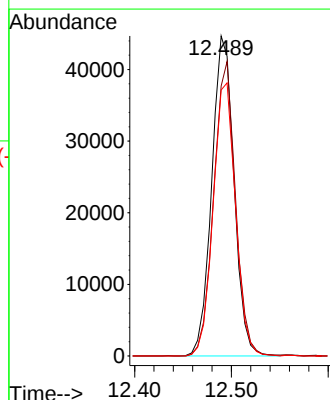
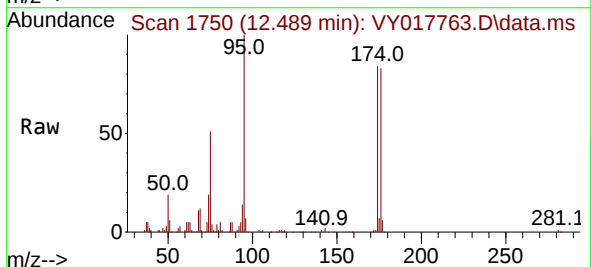
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-205

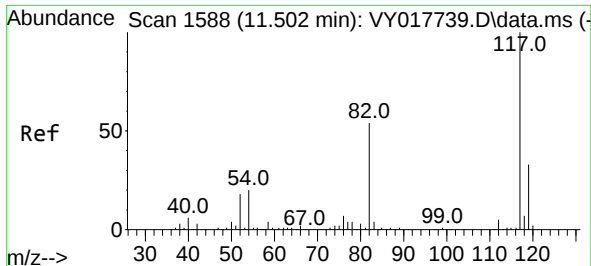
Tgt Ion: 98 Resp: 286713
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.916 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017763.D
Acq: 26 Mar 2024 12:26

Tgt Ion: 95 Resp: 71413
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 85.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-205

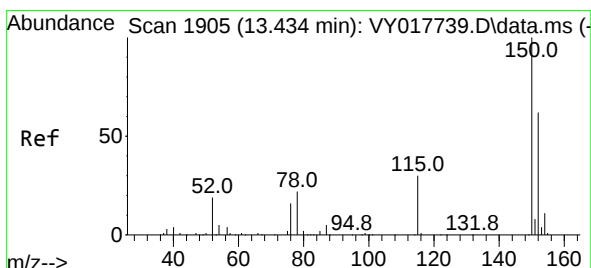
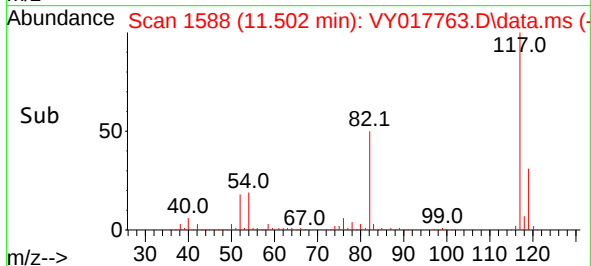
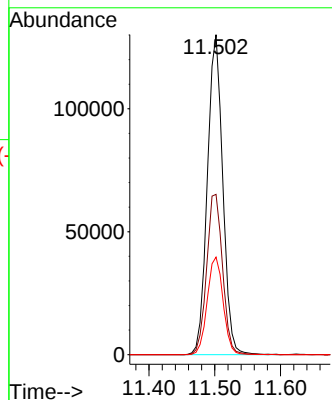
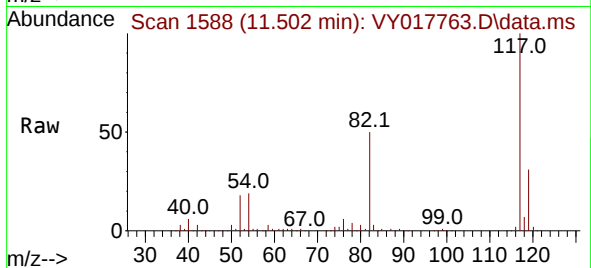
Tgt Ion:117 Resp: 212183

Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

119 30.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017763.D

Acq: 26 Mar 2024 12:26

Tgt Ion:152 Resp: 68324

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 155.2 0.0 345.6

