

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007038.D
 Acq On : 06 Jan 2022 17:28
 Operator : SY/MD
 Sample : N1049-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20430-27106-26948-24245

Quant Time: Jan 07 19:49:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	132023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	235268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90980	58.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.760%
35) Dibromofluoromethane	7.722	113	83553	51.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.040%
50) Toluene-d8	10.185	98	303279	49.843	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.483	95	115724	50.501	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.000%

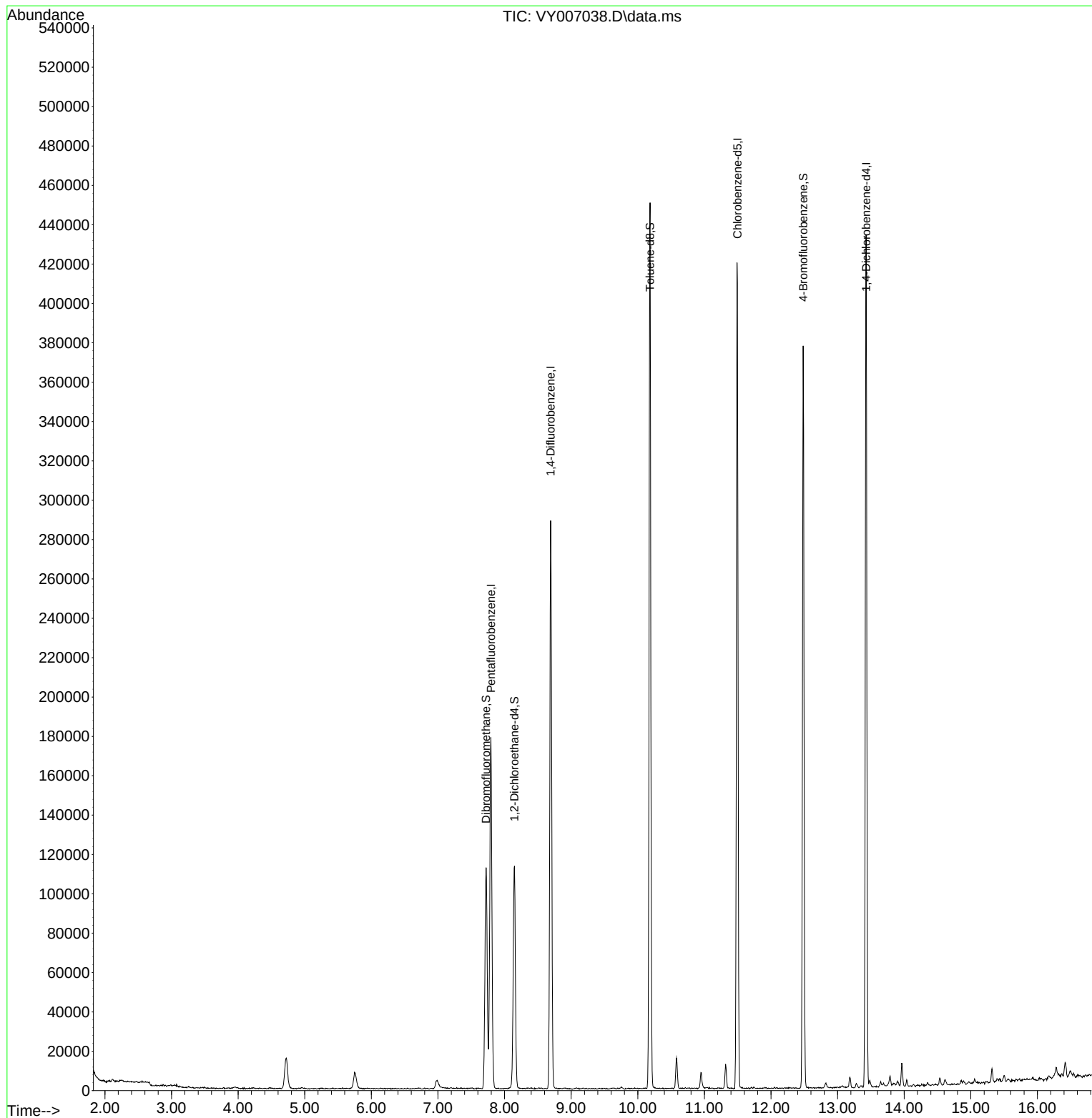
Target Compounds	Qvalue

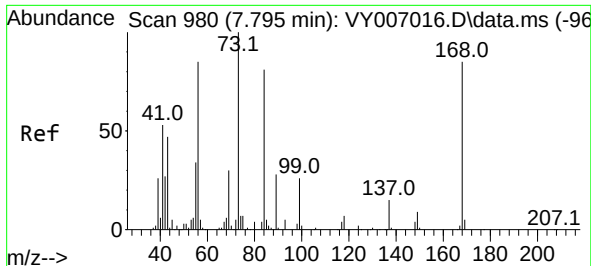
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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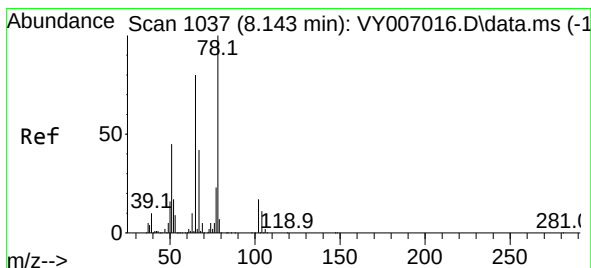
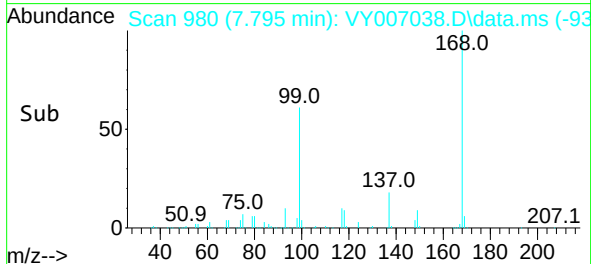
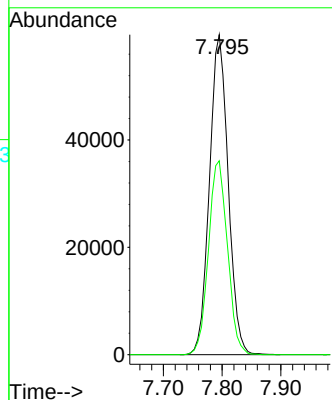
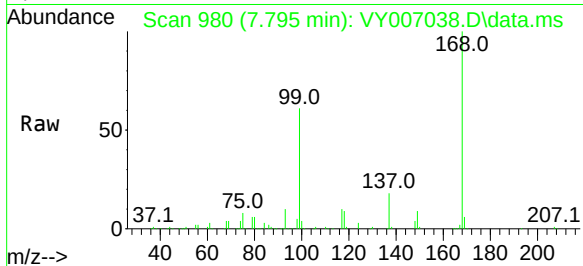




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007038.D
Acq: 06 Jan 2022 17:28

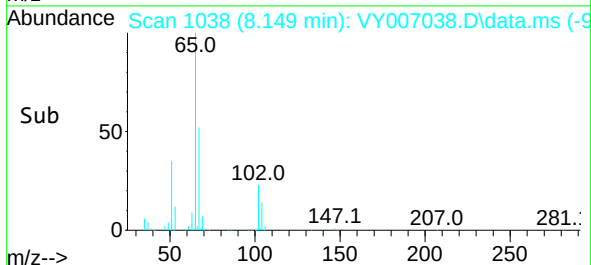
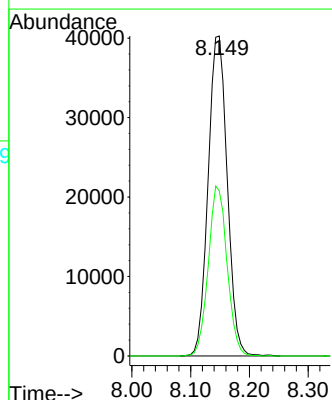
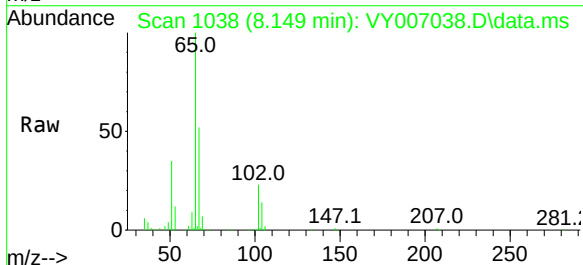
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20430-27106-26948-24245

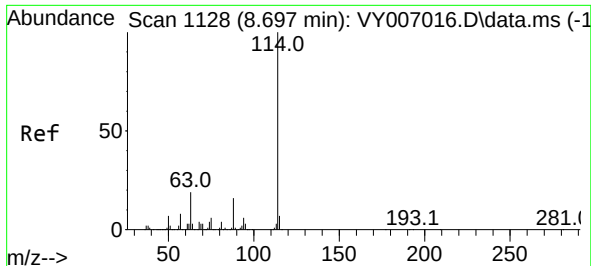
Tgt Ion:168 Resp: 132023
Ion Ratio Lower Upper
168 100
99 60.6 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 58.380 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007038.D
Acq: 06 Jan 2022 17:28

Tgt Ion: 65 Resp: 90980
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007038.D

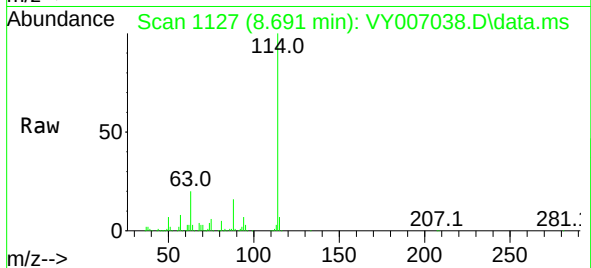
Acq: 06 Jan 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

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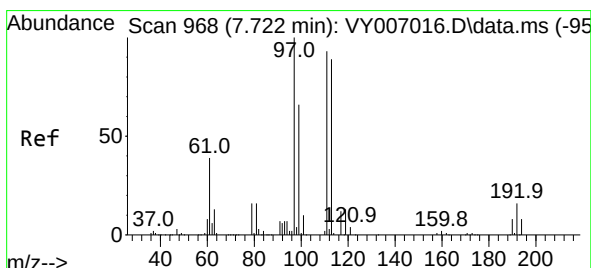
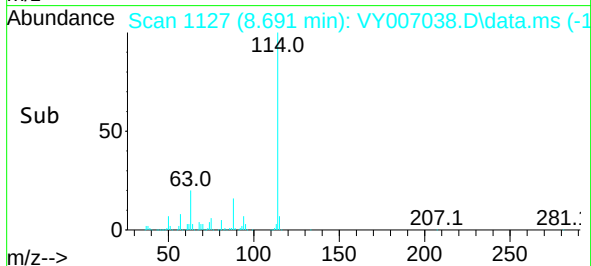
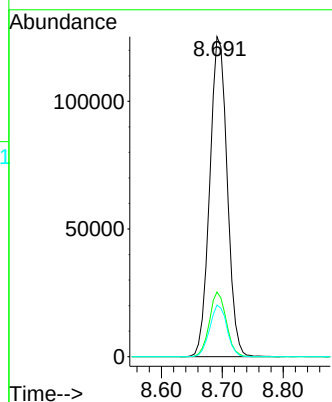
Tgt Ion:114 Resp: 249133

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.6

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.020 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007038.D

Acq: 06 Jan 2022 17:28

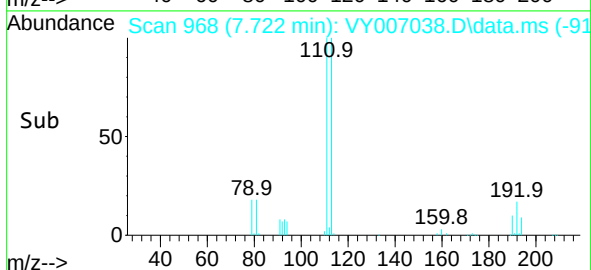
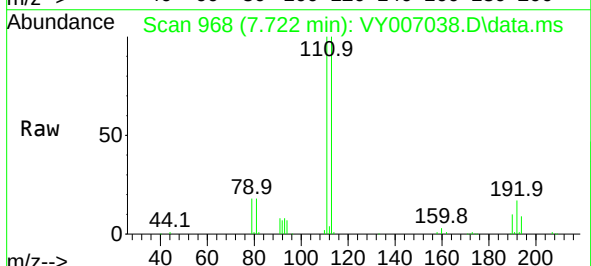
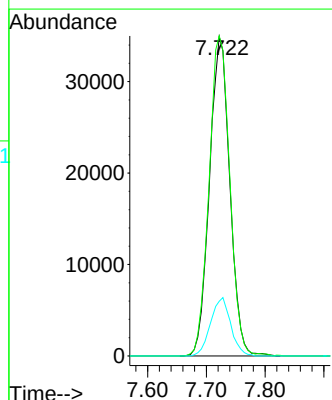
Tgt Ion:113 Resp: 83553

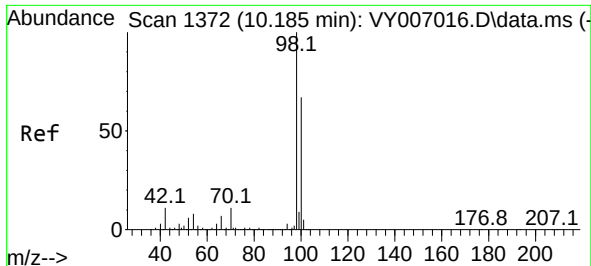
Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 18.2 14.6 21.8

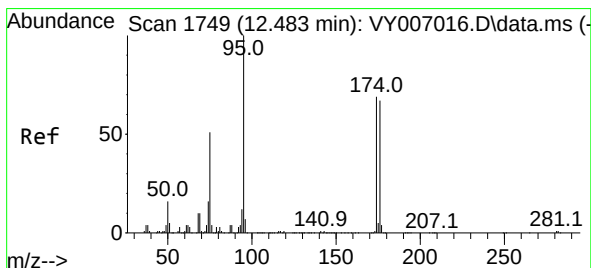
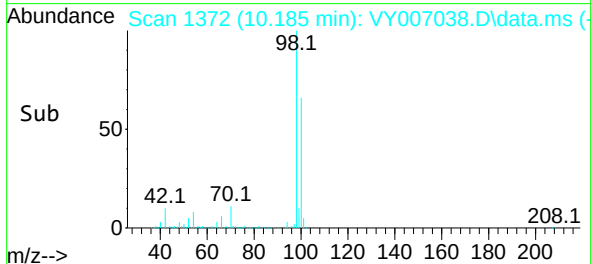
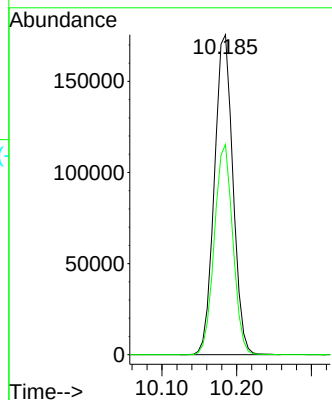
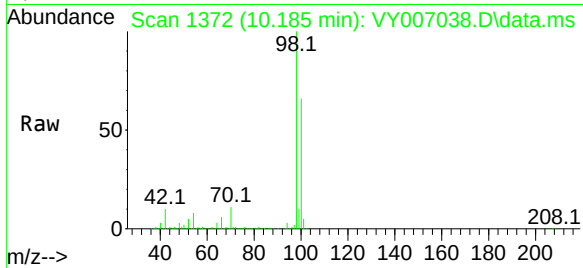




#50
Toluene-d8
Concen: 49.843 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007038.D
Acq: 06 Jan 2022 17:28

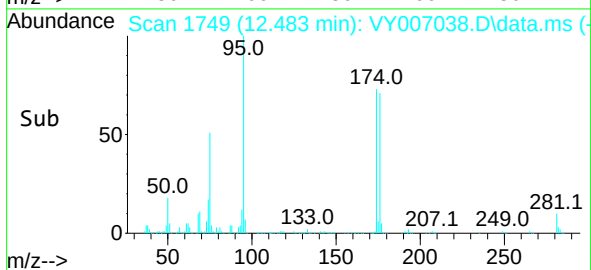
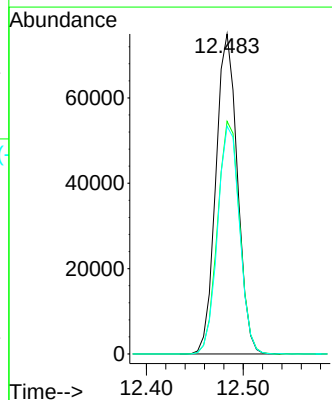
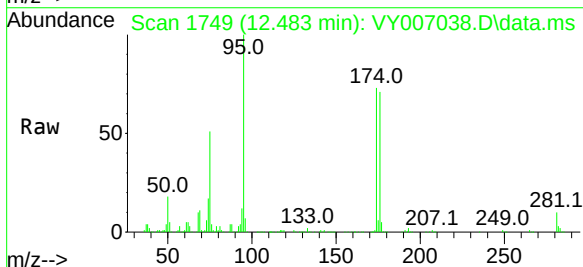
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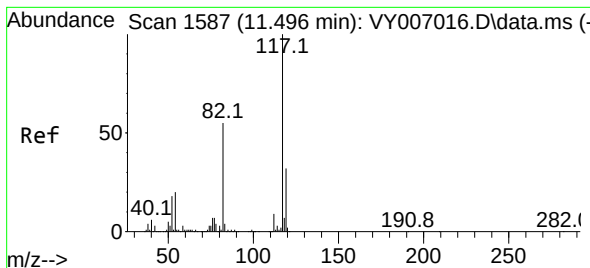
Tgt Ion: 98 Resp: 303279
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.501 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007038.D
Acq: 06 Jan 2022 17:28

Tgt Ion: 95 Resp: 115724
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.6
176 72.6 0.0 141.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007038.D

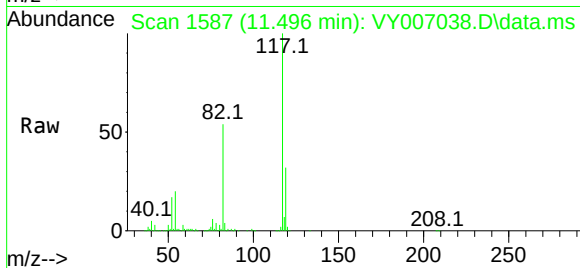
Acq: 06 Jan 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-20430-27106-26948-24245



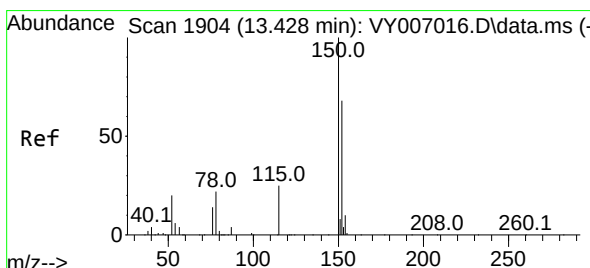
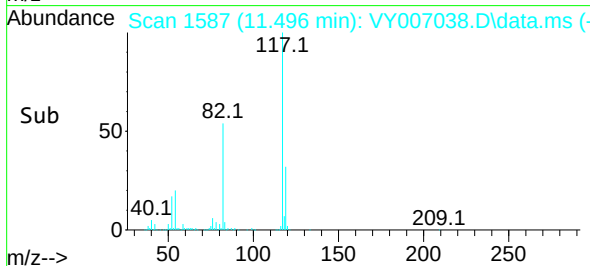
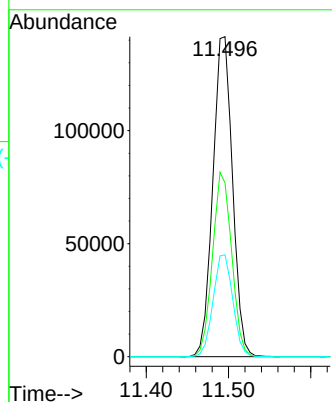
Tgt Ion:117 Resp: 235268

Ion Ratio Lower Upper

117 100

82 54.3 44.1 66.1

119 31.9 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007038.D

Acq: 06 Jan 2022 17:28

Tgt Ion:152 Resp: 110934

Ion Ratio Lower Upper

152 100

115 62.8 31.9 95.5

150 157.2 0.0 358.0

