

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008465.D
 Acq On : 22 Apr 2022 15:24
 Operator : KP/MD
 Sample : N2526-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-3S

Quant Time: Apr 23 01:53:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	5081	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1912	58.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.020%	
35) Dibromofluoromethane	7.716	113	1442	44.253	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.500%	
50) Toluene-d8	10.179	98	6152	47.489	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.980%	
62) 4-Bromofluorobenzene	12.489	95	1843	42.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.000%	

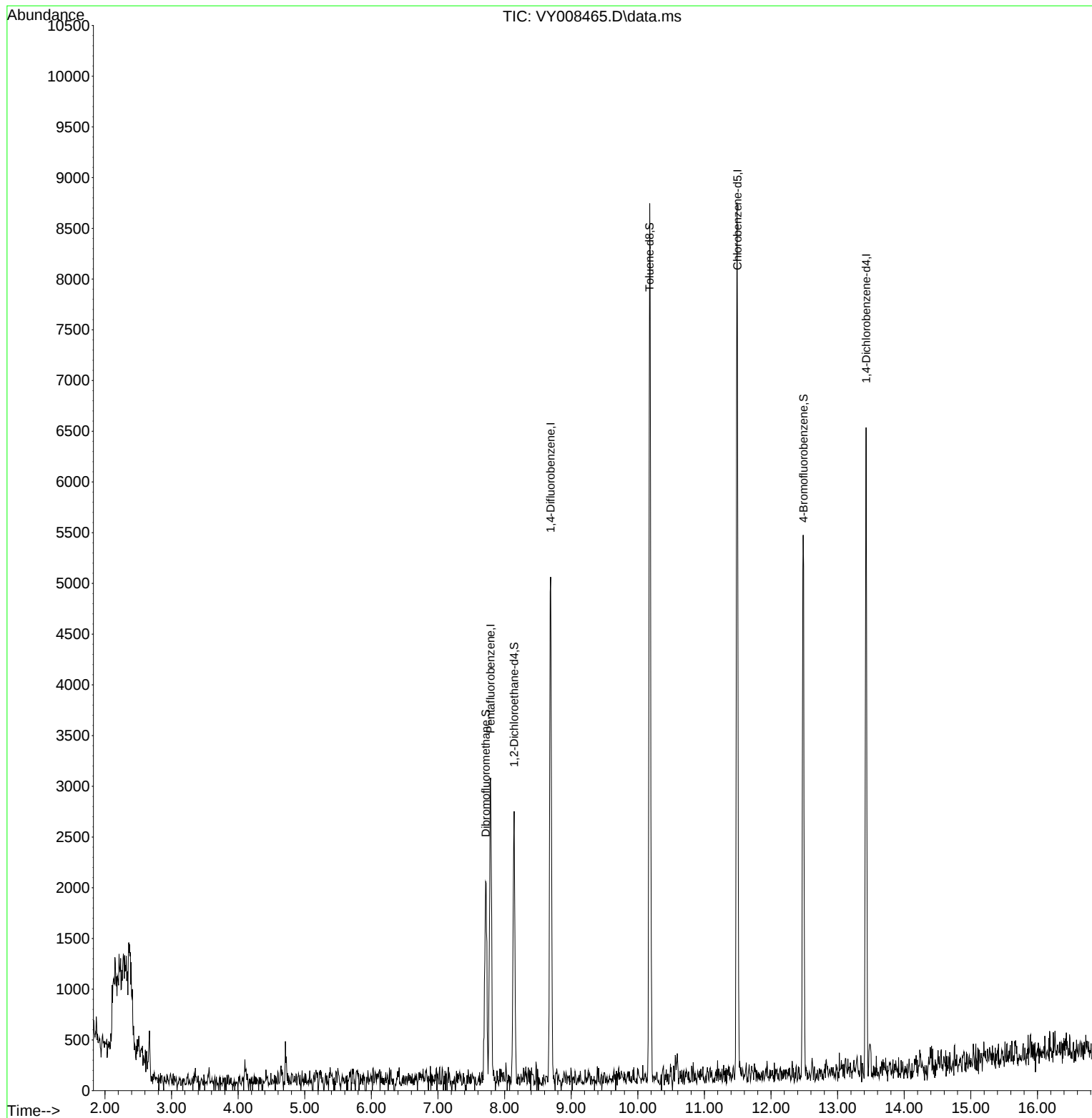
Target Compounds	Qvalue

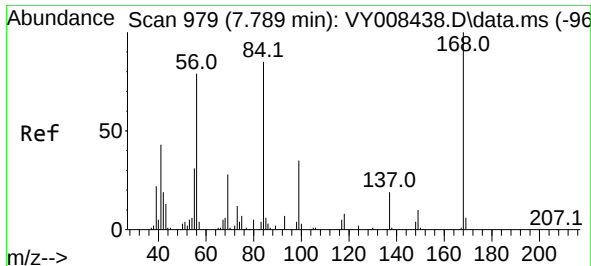
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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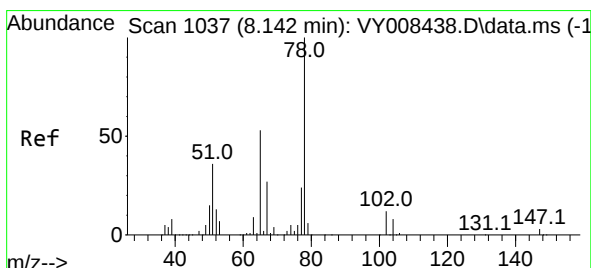
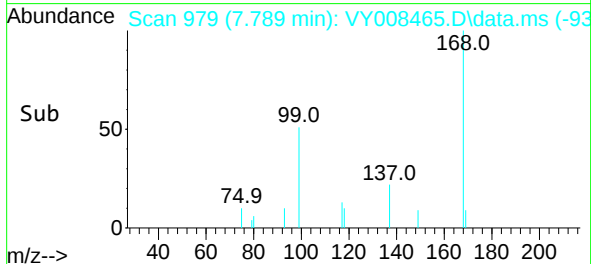
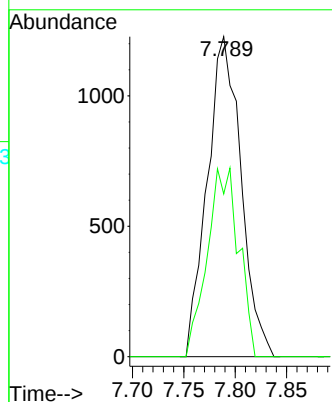
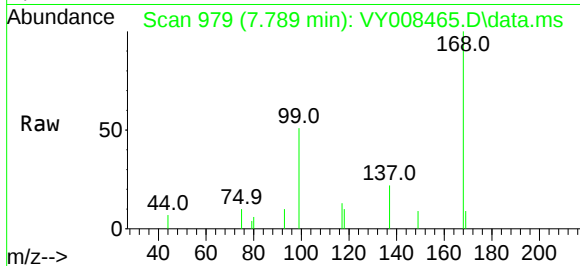




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

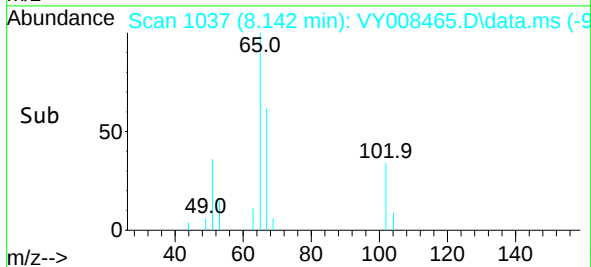
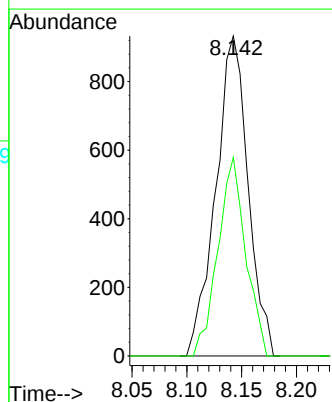
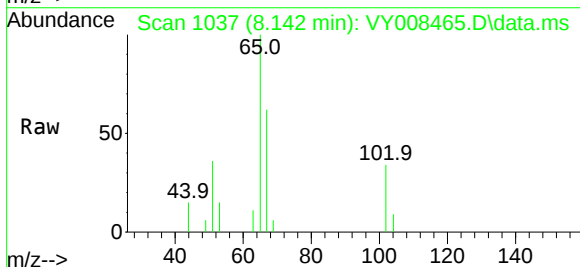
Instrument :
MSVOA_Y
ClientSampleId :
MH-3S

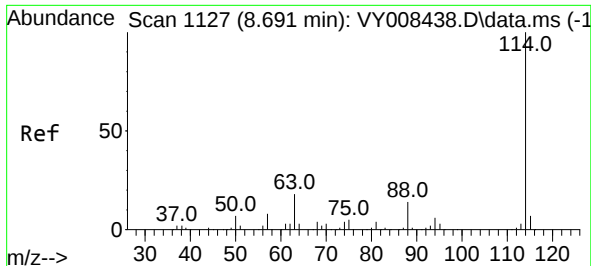
Tgt Ion:168 Resp: 2801
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.015 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Tgt Ion: 65 Resp: 1912
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008465.D

Acq: 22 Apr 2022 15:24

Instrument :

MSVOA_Y

ClientSampleId :

MH-3S

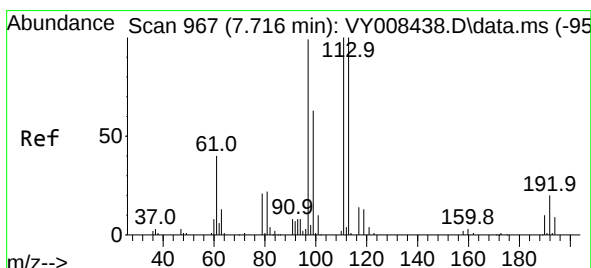
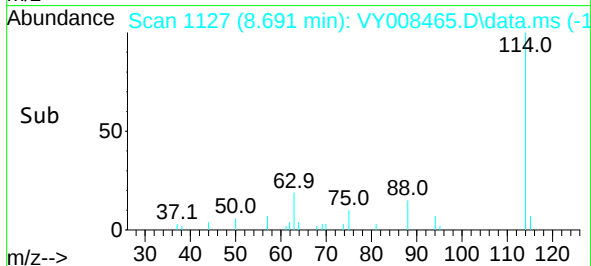
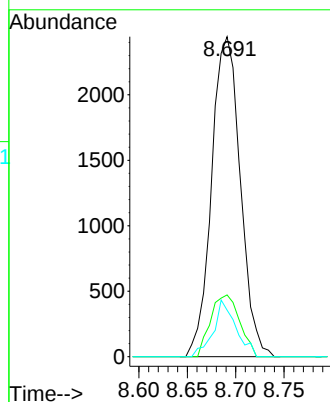
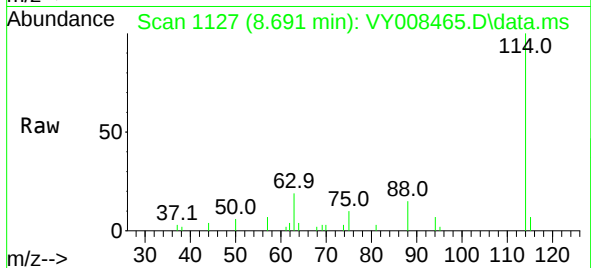
Tgt Ion:114 Resp: 5049

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.253 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008465.D

Acq: 22 Apr 2022 15:24

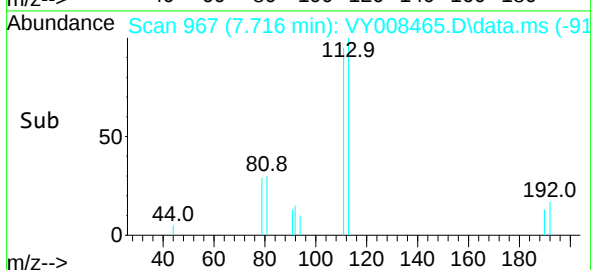
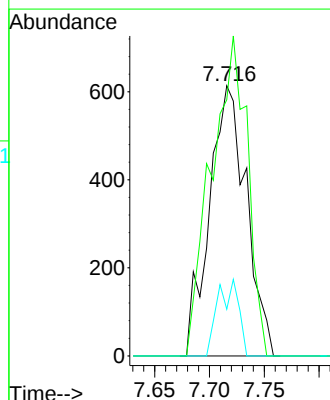
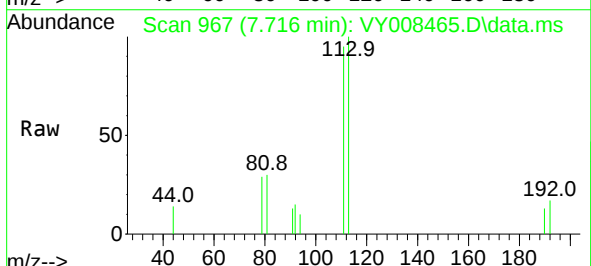
Tgt Ion:113 Resp: 1442

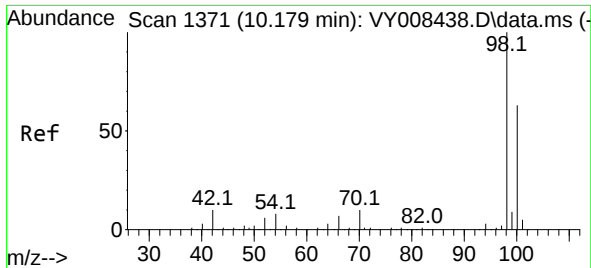
Ion Ratio Lower Upper

113 100

111 115.3 82.6 124.0

192 15.8 17.6 26.4#

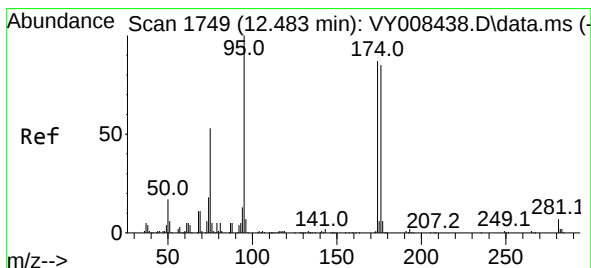
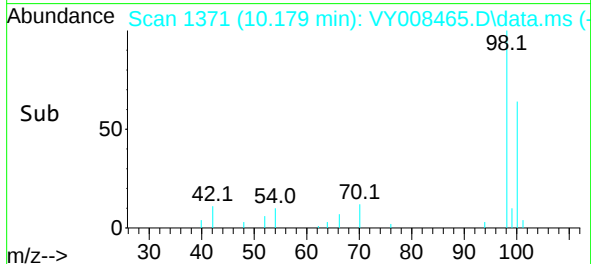
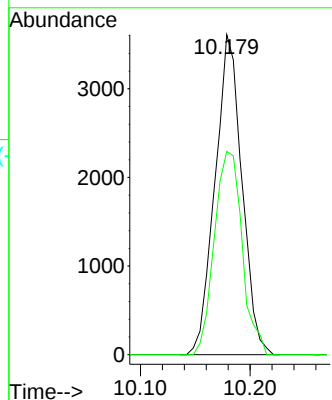
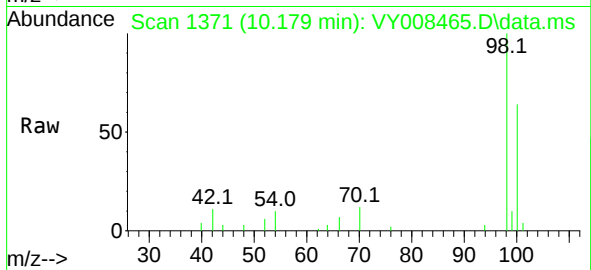




#50
Toluene-d8
Concen: 47.489 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

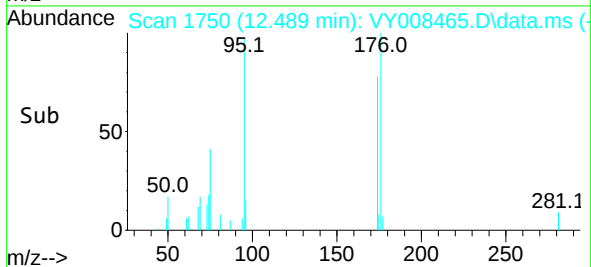
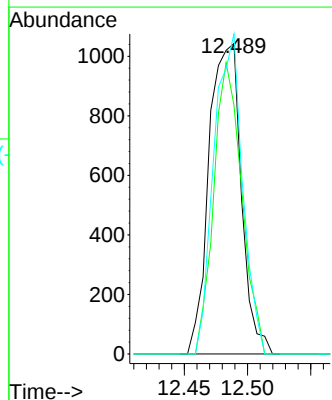
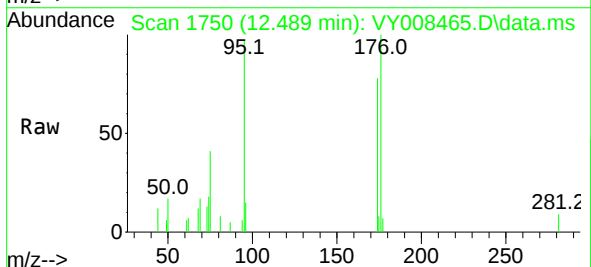
Instrument :
MSVOA_Y
ClientSampleId :
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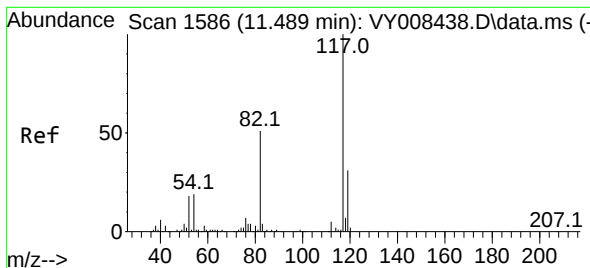
Tgt Ion: 98 Resp: 6152
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.003 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Tgt Ion: 95 Resp: 1843
Ion Ratio Lower Upper
95 100
174 81.7 0.0 177.0
176 91.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008465.D

Acq: 22 Apr 2022 15:24

Instrument :

MSVOA_Y

ClientSampleId :

MH-3S

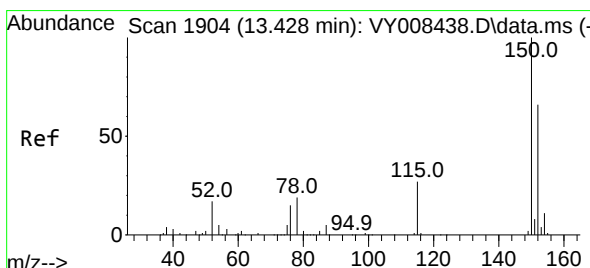
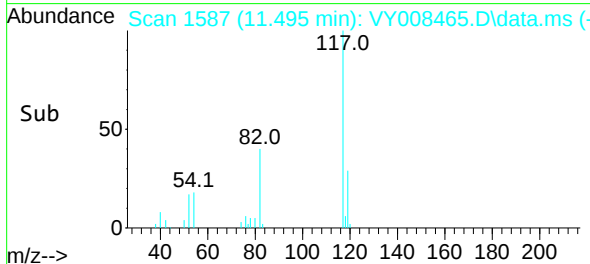
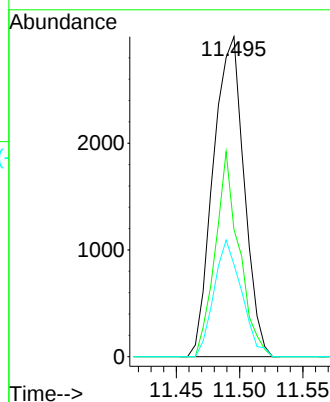
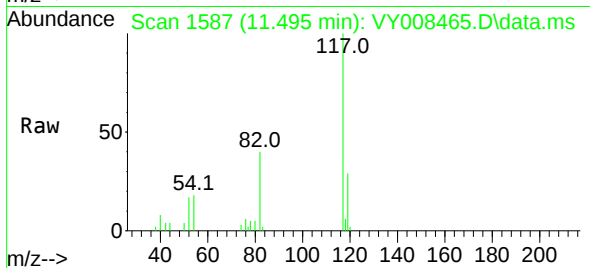
Tgt Ion:117 Resp: 5081

Ion Ratio Lower Upper

117 100

82 39.8 43.0 64.4#

119 28.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008465.D

Acq: 22 Apr 2022 15:24

Tgt Ion:152 Resp: 1623

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 169.6 0.0 347.6

