

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009000.D
 Acq On : 23 May 2022 12:47
 Operator : KP/MD
 Sample : N2939-03
 Misc : 6.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2

Quant Time: May 24 01:46:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87165	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78661	58.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.600%
35) Dibromofluoromethane	7.716	113	73454	50.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.179	98	291042	53.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.520%
62) 4-Bromofluorobenzene	12.483	95	82763	37.900	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.800%

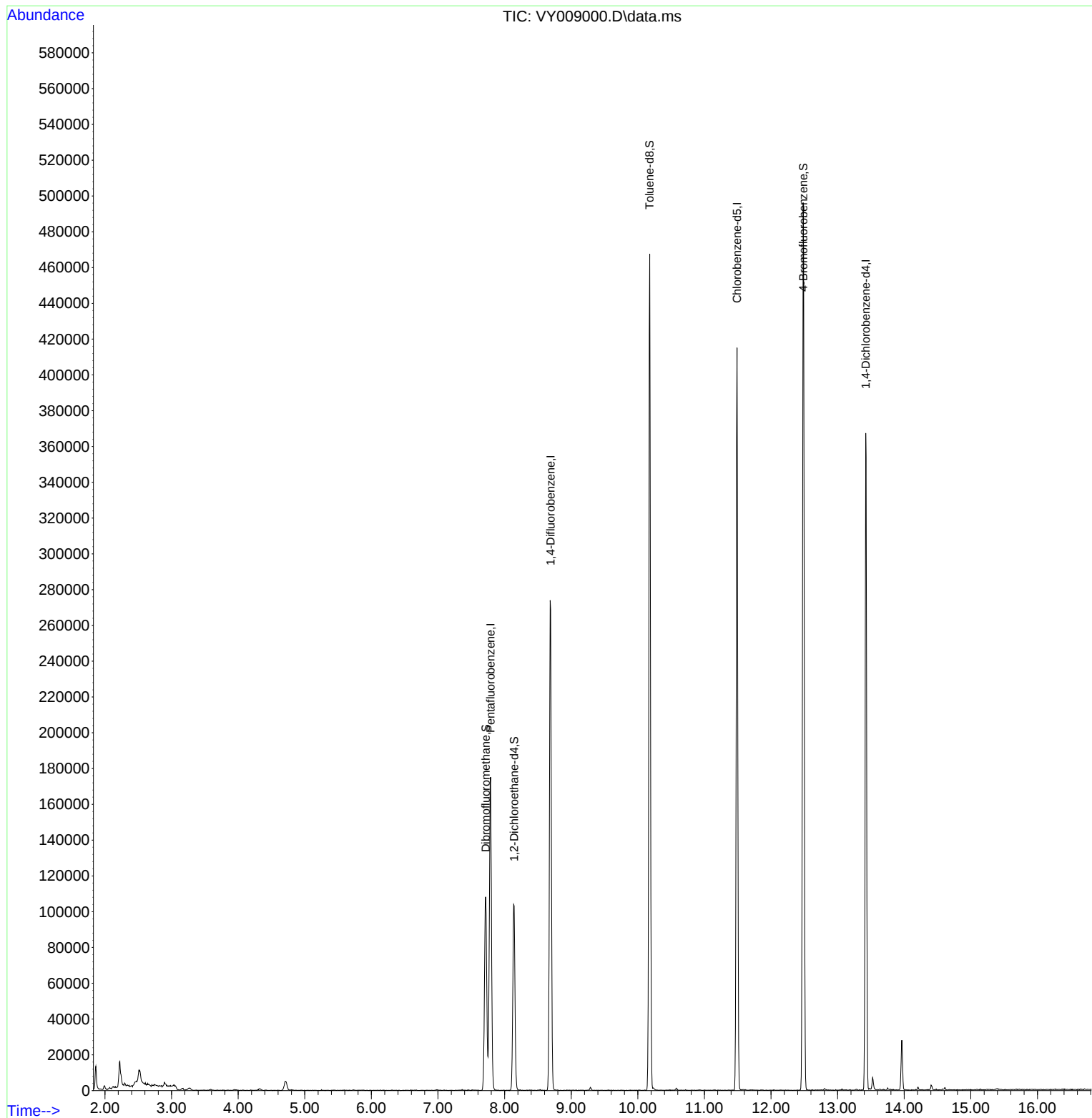
Target Compounds	Qvalue

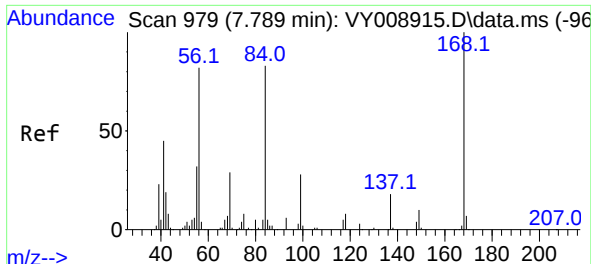
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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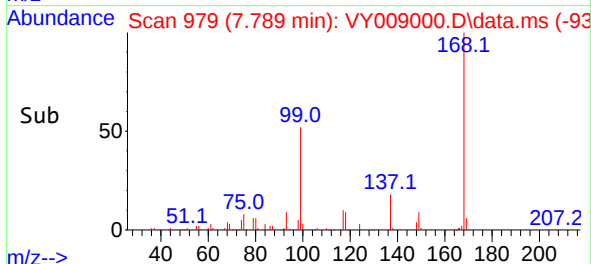
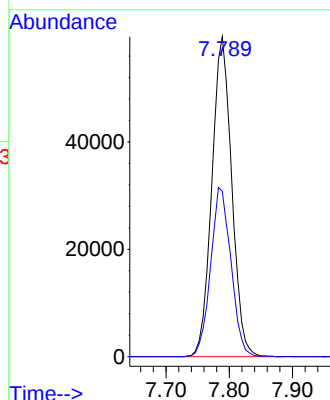
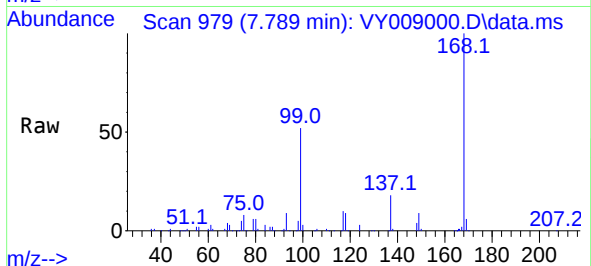




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

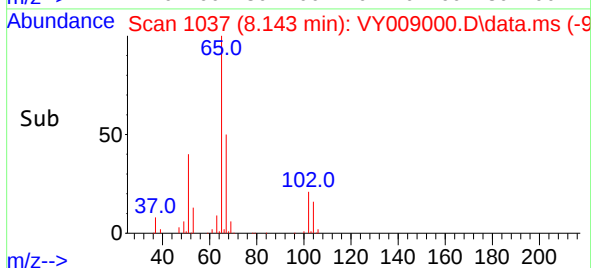
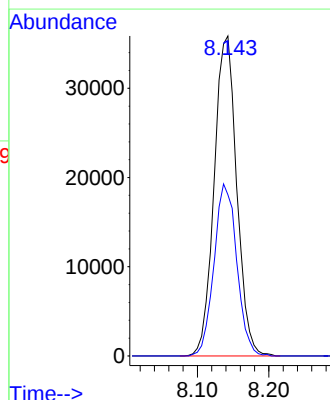
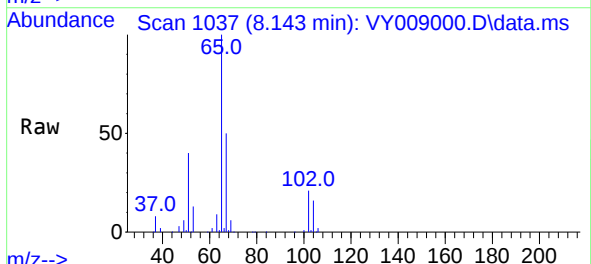
Instrument :
MSVOA_Y
ClientSampleId :
B2

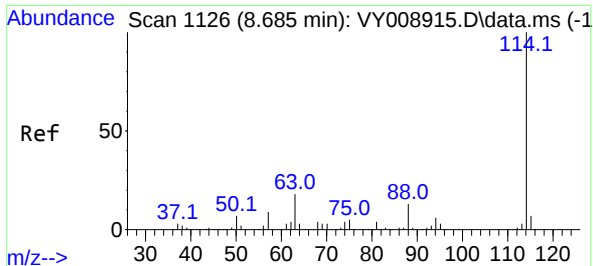
Tgt Ion:168 Resp: 129993
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.796 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Tgt Ion: 65 Resp: 78661
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009000.D

Acq: 23 May 2022 12:47

Instrument :

MSVOA_Y

ClientSampleId :

B2

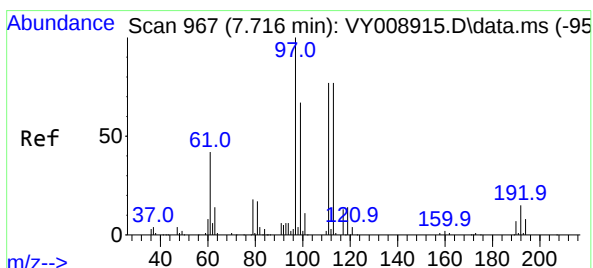
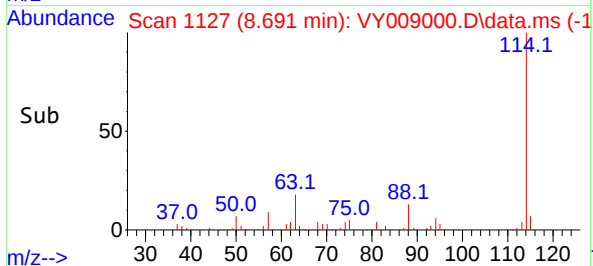
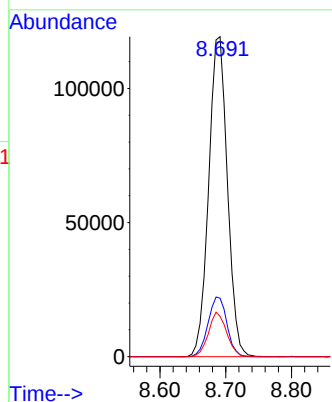
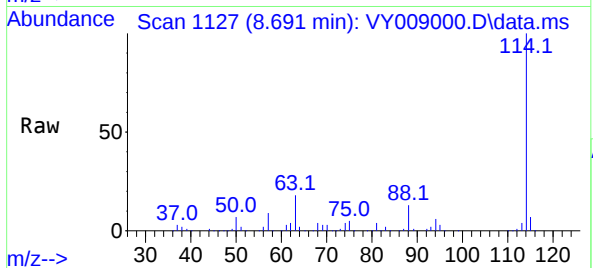
Tgt Ion:114 Resp: 235975

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 12.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.058 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009000.D

Acq: 23 May 2022 12:47

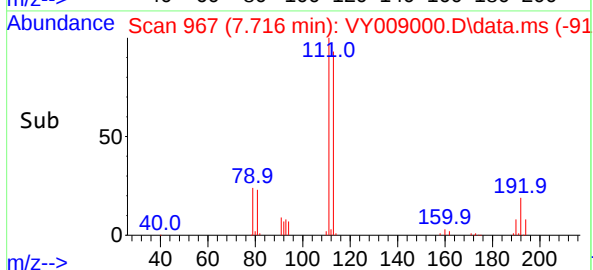
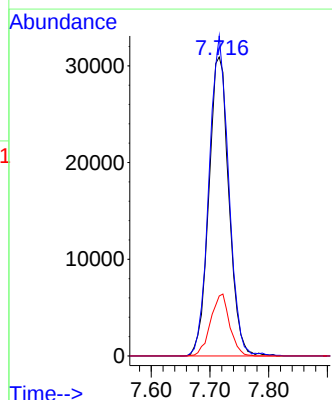
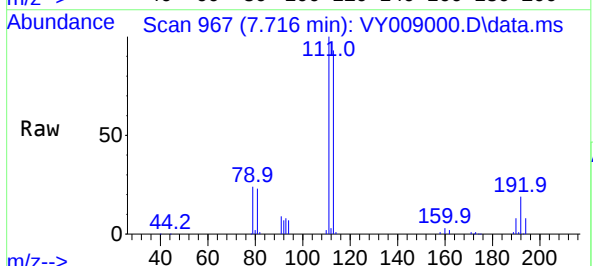
Tgt Ion:113 Resp: 73454

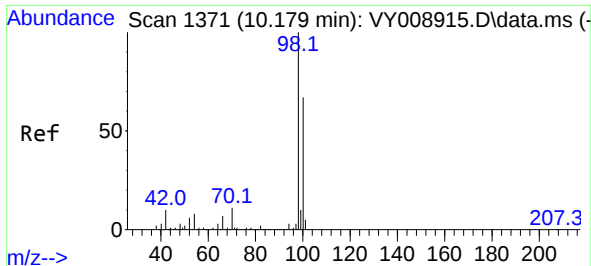
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 19.6 17.6 26.4

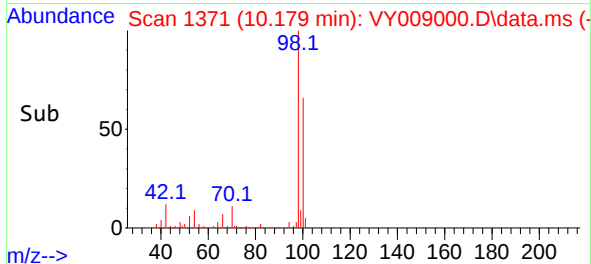
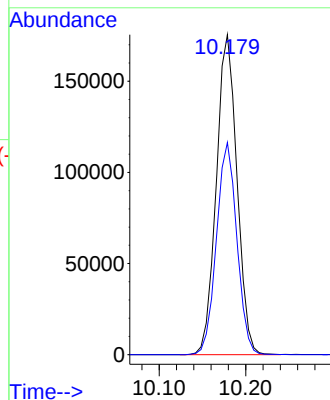
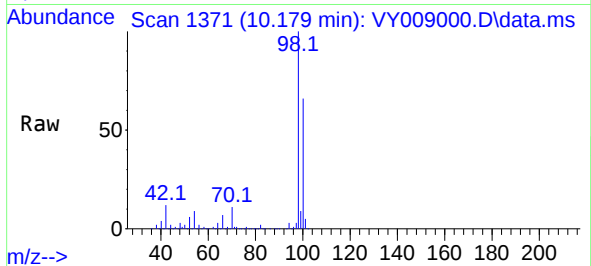




#50
Toluene-d8
Concen: 53.763 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

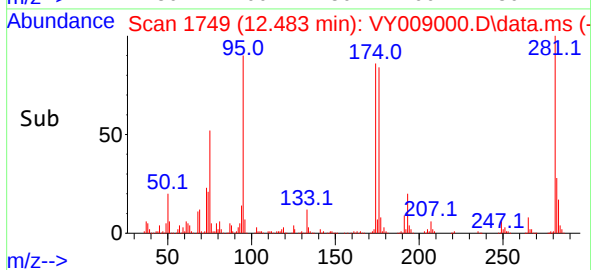
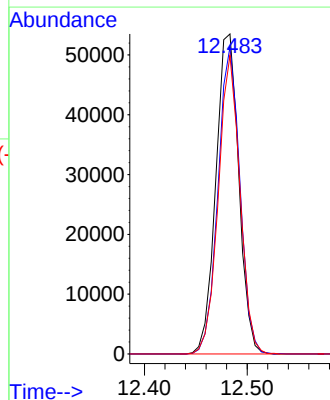
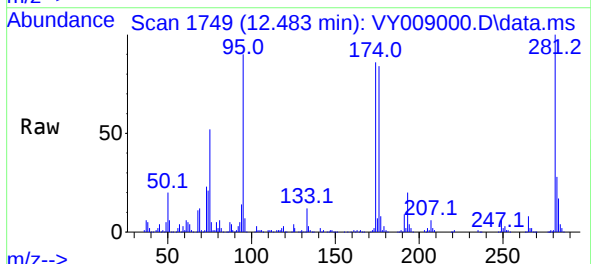
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ClientSampleId :
B2

Tgt Ion: 98 Resp: 291042
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.900 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Tgt Ion: 95 Resp: 82763
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 88.0 0.0 175.8

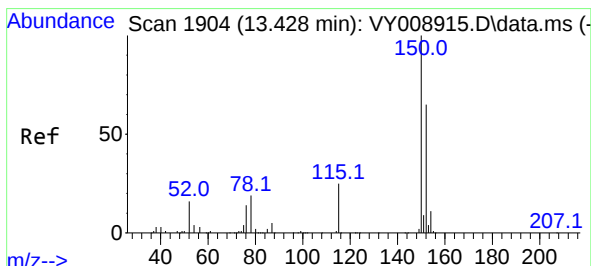
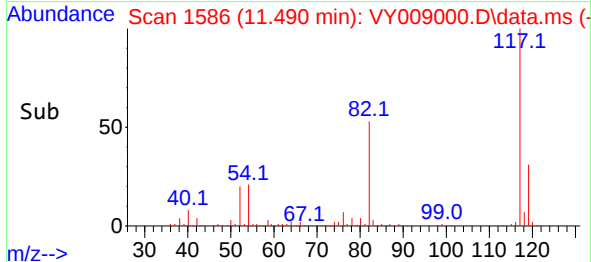
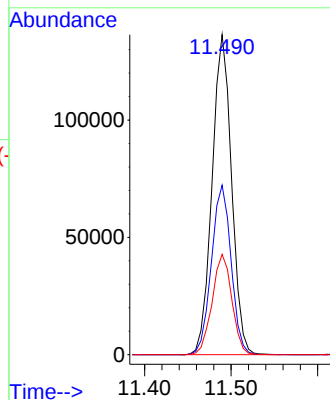
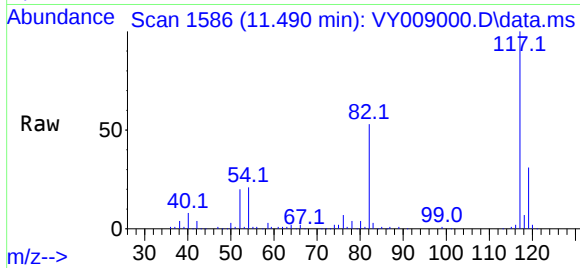




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Instrument :
MSVOA_Y
ClientSampleId :
B2

Tgt Ion:117 Resp: 212896
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Tgt Ion:152 Resp: 87165
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 159.0 0.0 347.6

