

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009009.D
 Acq On : 23 May 2022 16:18
 Operator : KP/MD
 Sample : N2982-08
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-8

Quant Time: May 24 01:49:09 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	40932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	68906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29065	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	29656	70.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.800%
35) Dibromofluoromethane	7.715	113	25457	56.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.420%
50) Toluene-d8	10.178	98	88151	52.761	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.477	95	24925	36.982	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.960%

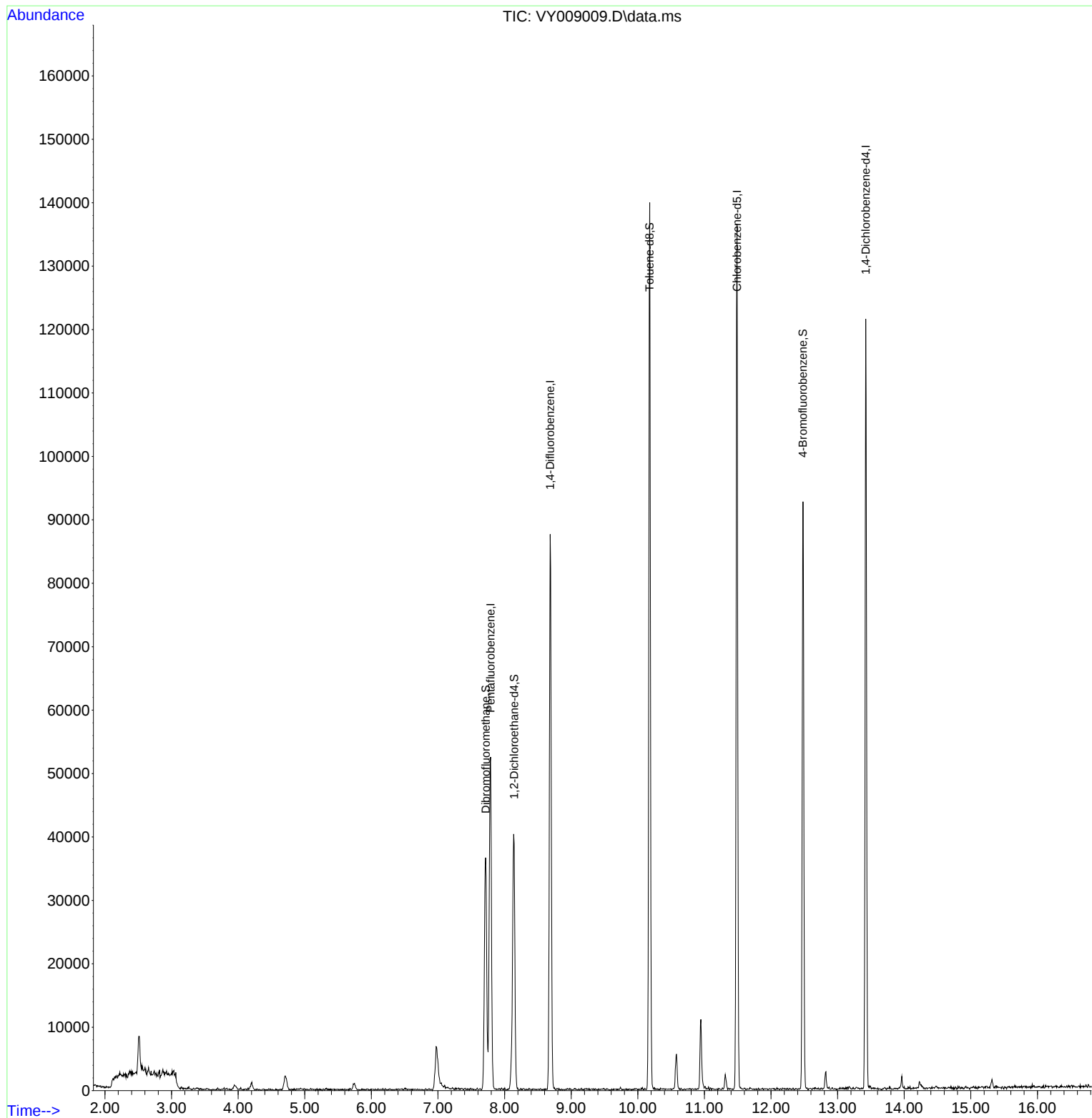
Target Compounds	Qvalue

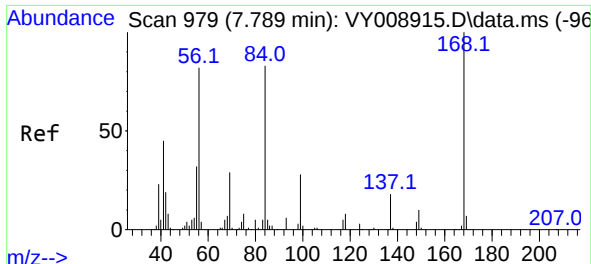
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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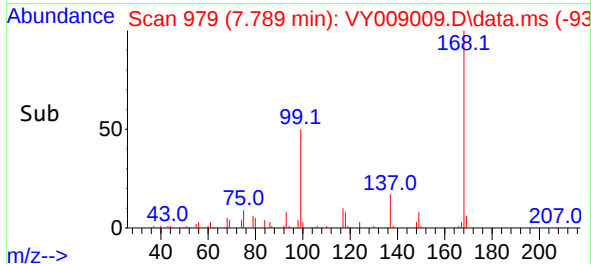
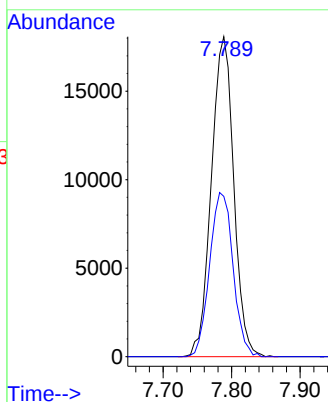
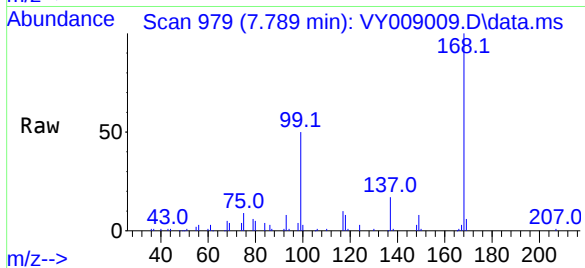




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

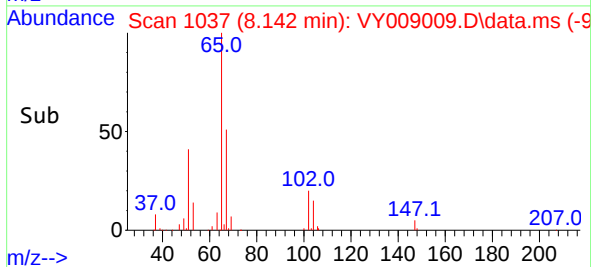
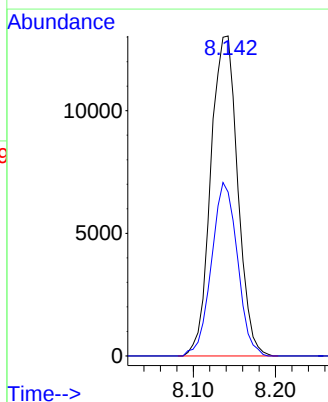
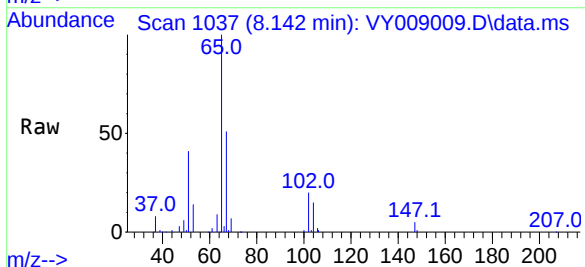
Instrument :
MSVOA_Y
ClientSampleId :
P-8

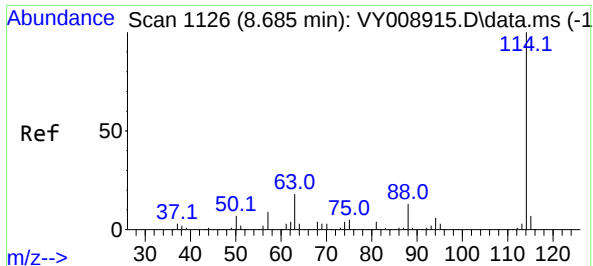
Tgt Ion:168 Resp: 40932
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.397 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Tgt Ion: 65 Resp: 29656
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009009.D

Acq: 23 May 2022 16:18

Instrument :

MSVOA_Y

ClientSampleId :

P-8

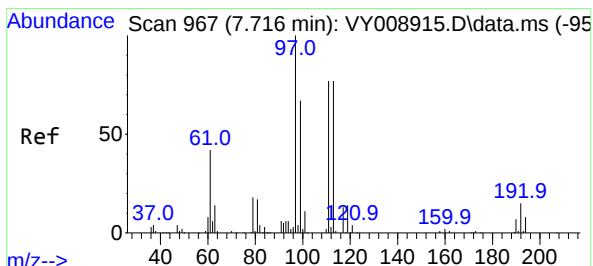
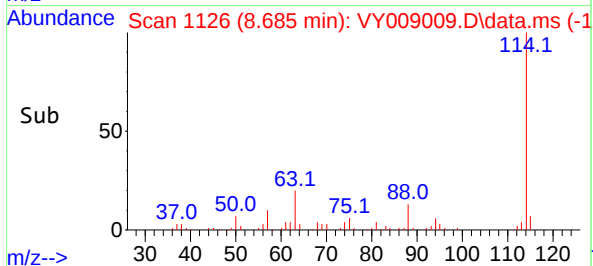
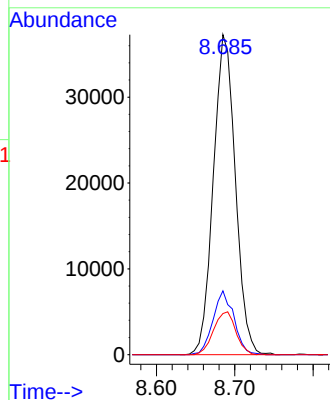
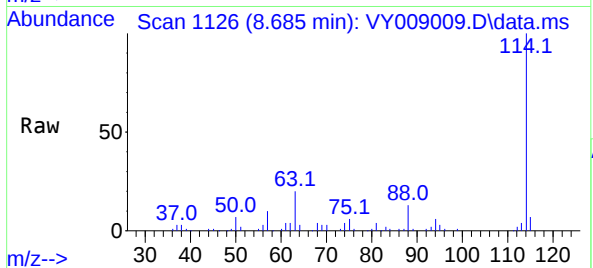
Tgt Ion:114 Resp: 72830

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 12.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.210 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY009009.D

Acq: 23 May 2022 16:18

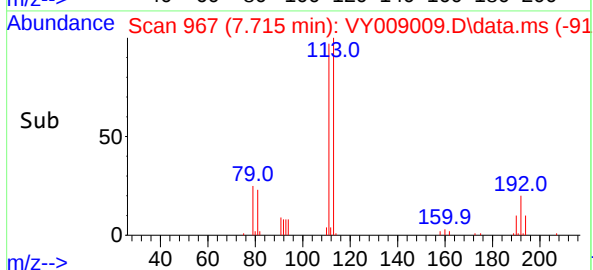
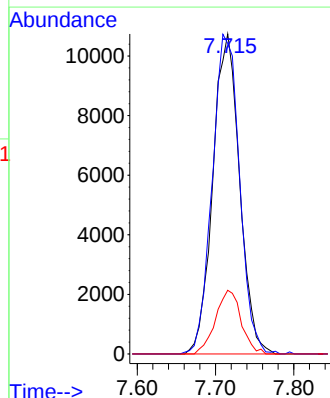
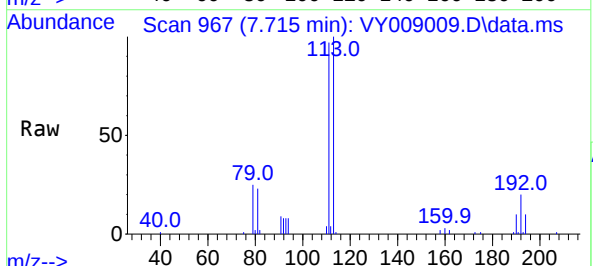
Tgt Ion:113 Resp: 25457

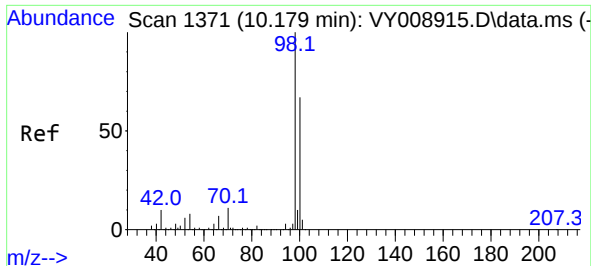
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.1 17.6 26.4

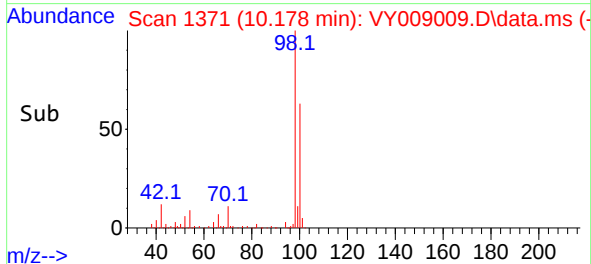
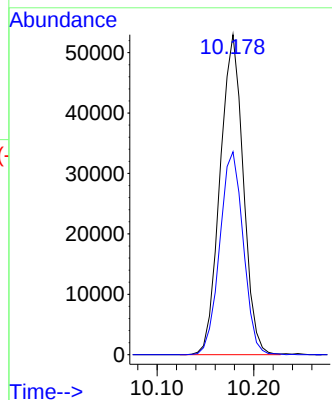
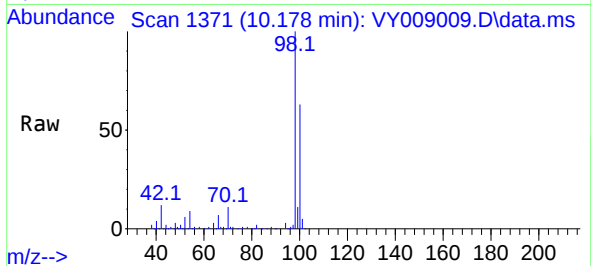




#50
Toluene-d8
Concen: 52.761 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

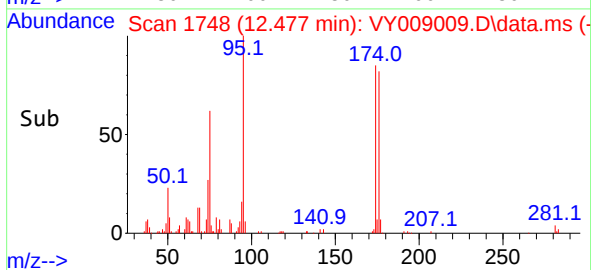
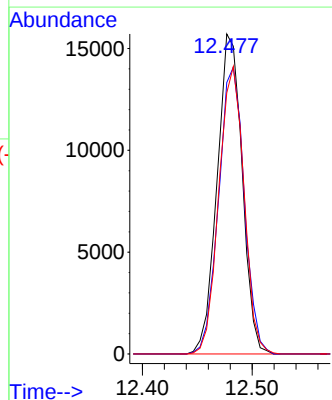
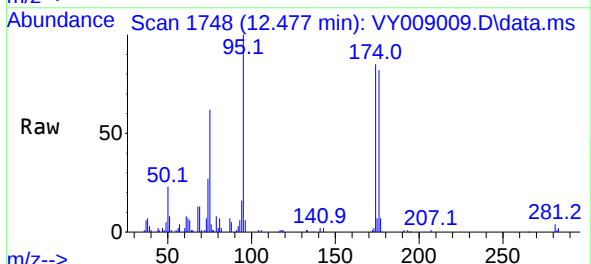
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ClientSampleId :
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Tgt Ion: 98 Resp: 88151
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.982 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Tgt Ion: 95 Resp: 24925
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 89.9 0.0 175.8

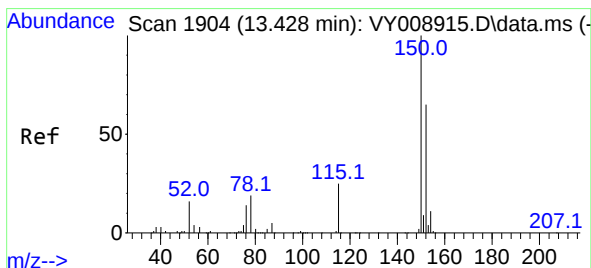
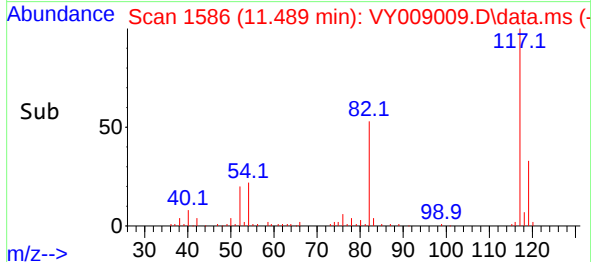
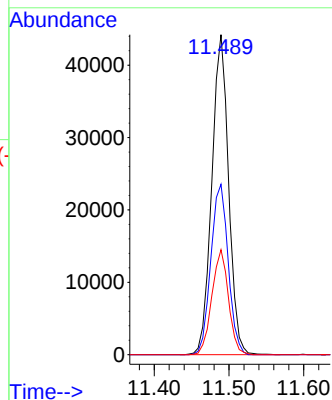
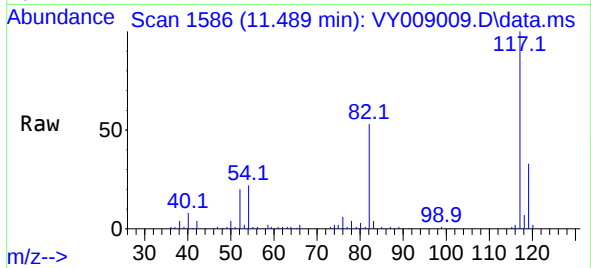




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
P-8

Tgt Ion:117 Resp: 68906
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.8 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: VY009009.D
Acq: 23 May 2022 16:18

Tgt Ion:152 Resp: 29065
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 153.6 0.0 347.6

