

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009012.D
 Acq On : 23 May 2022 17:28
 Operator : KP/MD
 Sample : N2963-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-057

Quant Time: May 24 01:49:39 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	50041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	79475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	69493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26268	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	26037	50.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.120%
35) Dibromofluoromethane	7.716	113	25804	52.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.179	98	94693	51.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.483	95	22844	31.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.120%

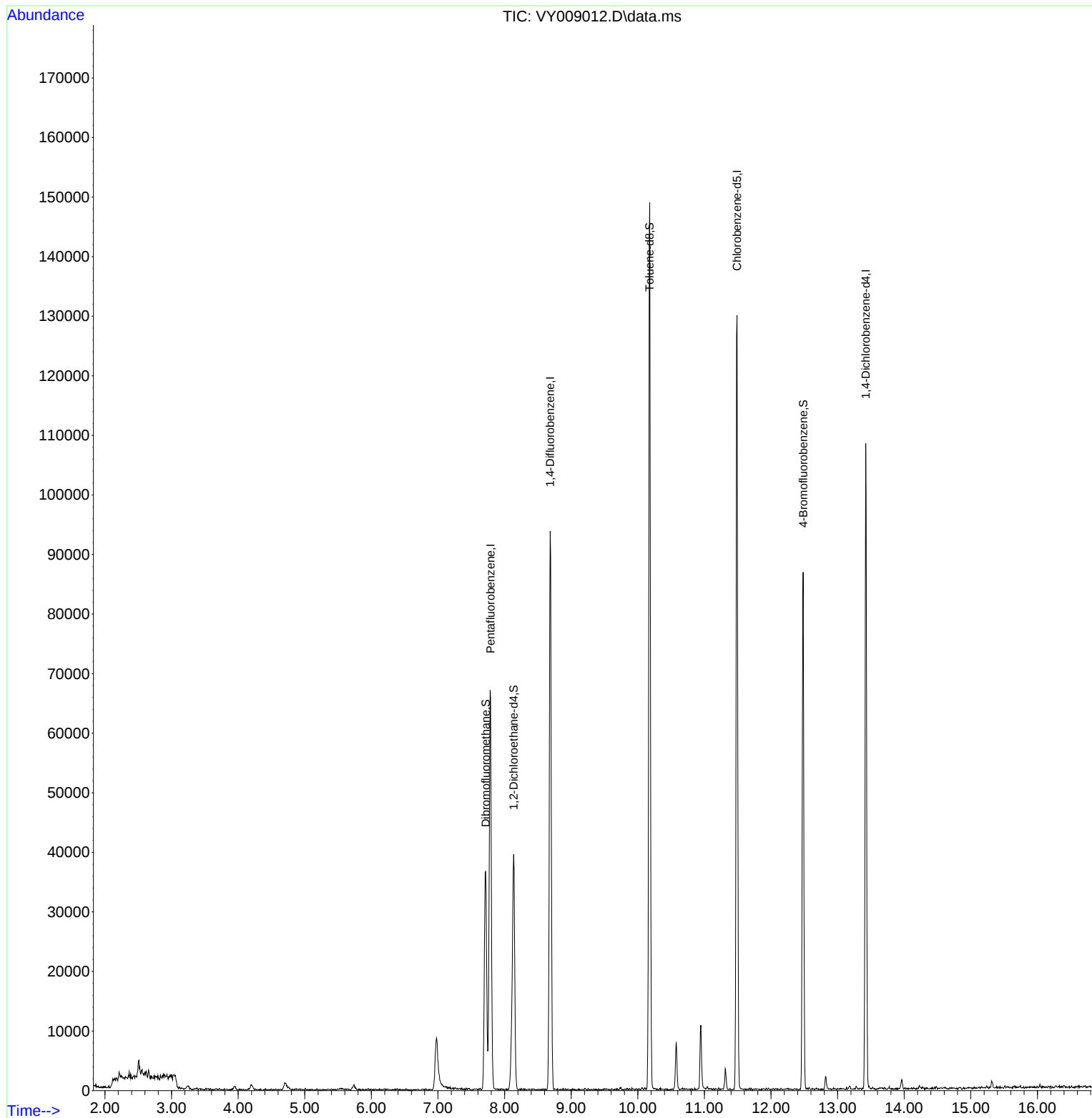
Target Compounds	Qvalue

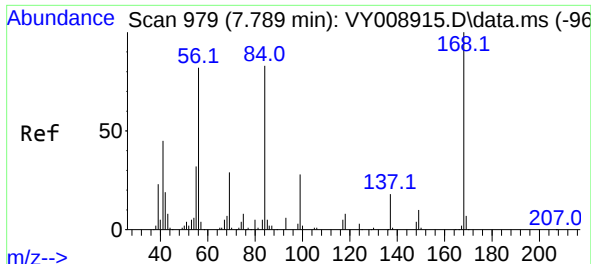
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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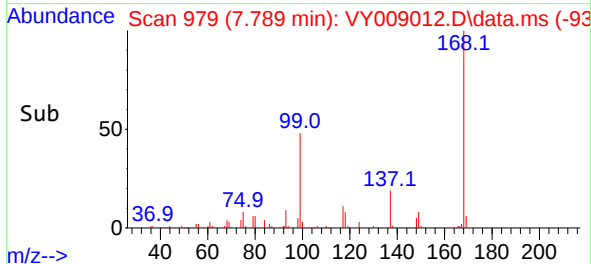
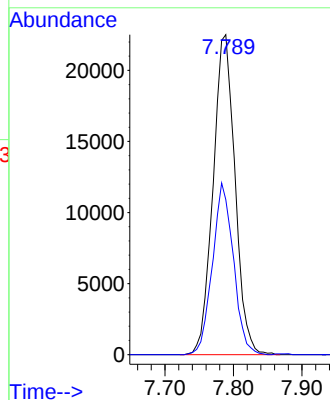
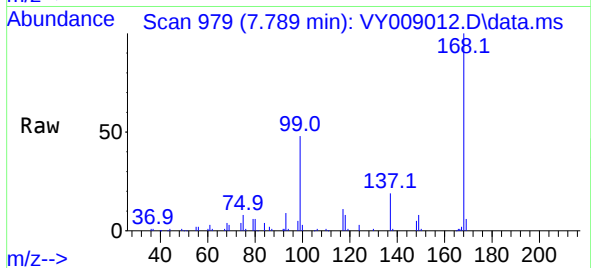




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009012.D
Acq: 23 May 2022 17:28

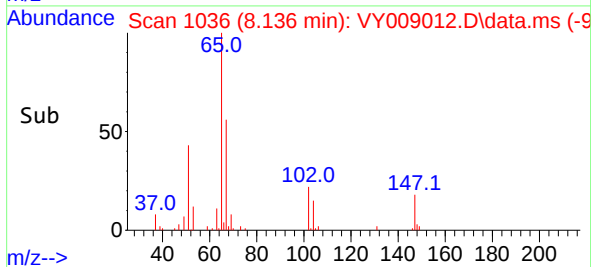
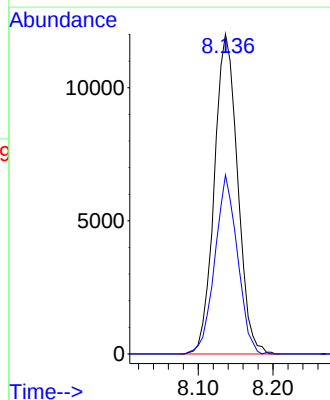
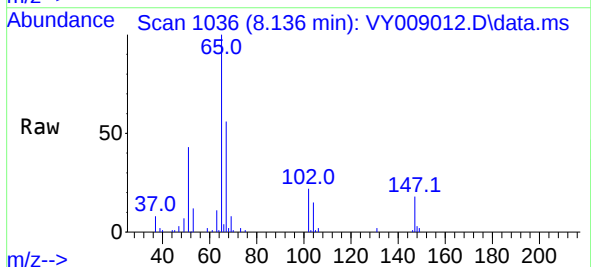
Instrument :
MSVOA_Y
ClientSampleId :
RBR-057

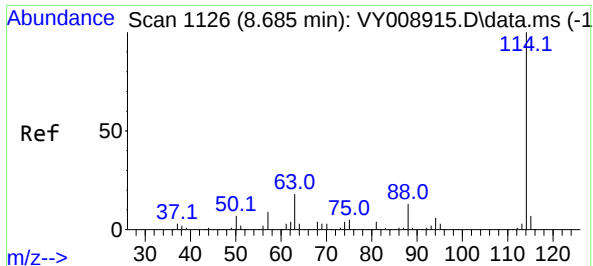
Tgt Ion:168 Resp: 50041
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.556 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009012.D
Acq: 23 May 2022 17:28

Tgt Ion: 65 Resp: 26037
Ion Ratio Lower Upper
65 100
67 54.3 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: VY009012.D

Acq: 23 May 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

RBR-057

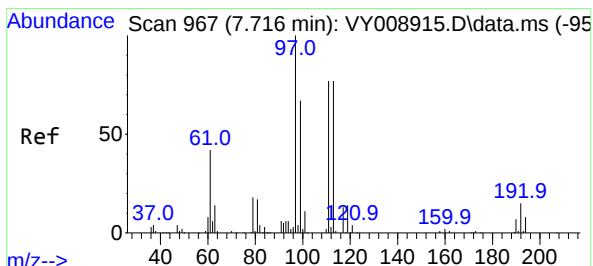
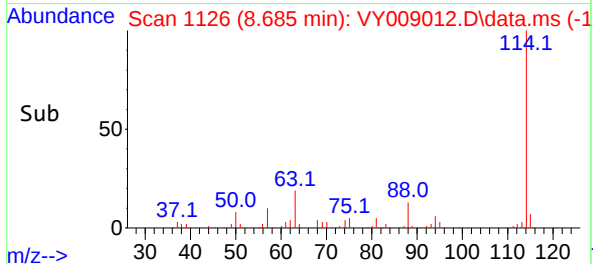
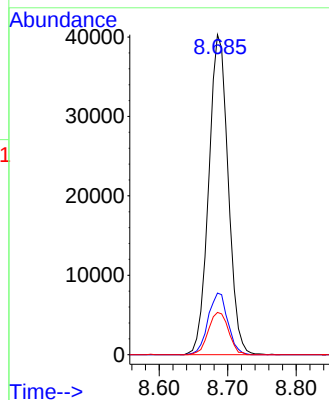
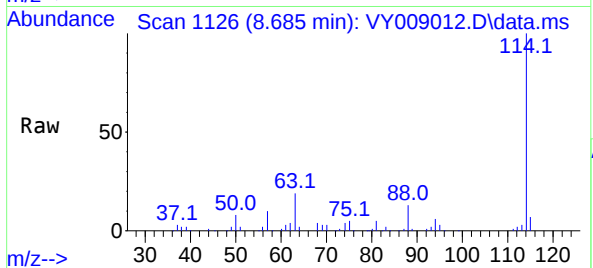
Tgt Ion:114 Resp: 79475

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.213 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009012.D

Acq: 23 May 2022 17:28

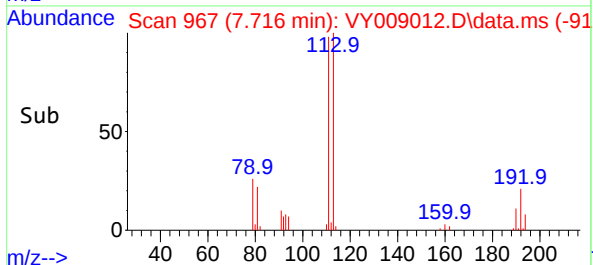
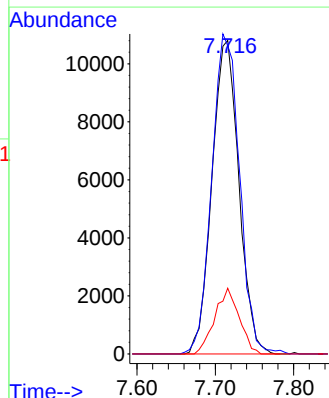
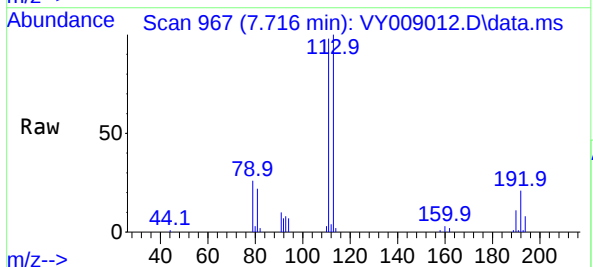
Tgt Ion:113 Resp: 25804

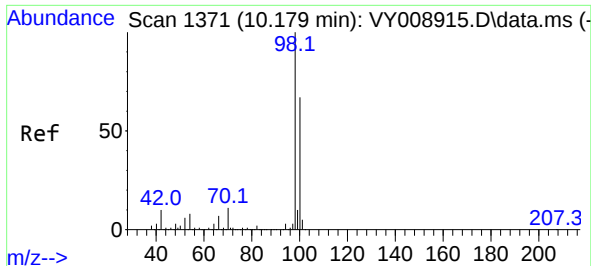
Ion Ratio Lower Upper

113 100

111 105.1 82.6 124.0

192 19.0 17.6 26.4

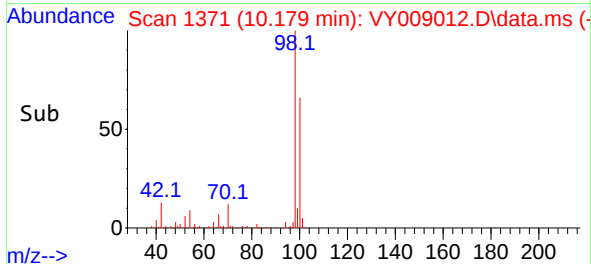
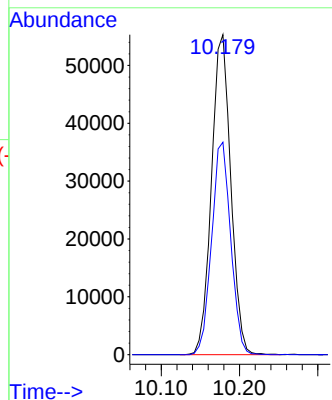
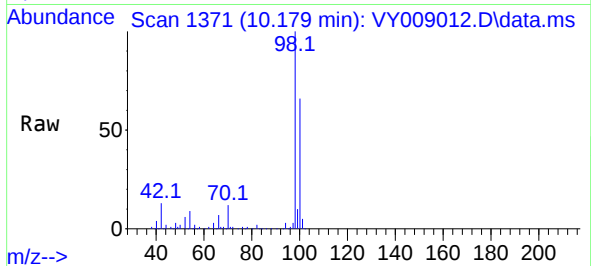




#50
Toluene-d8
Concen: 51.938 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009012.D
Acq: 23 May 2022 17:28

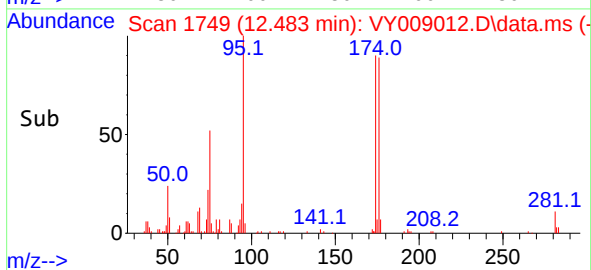
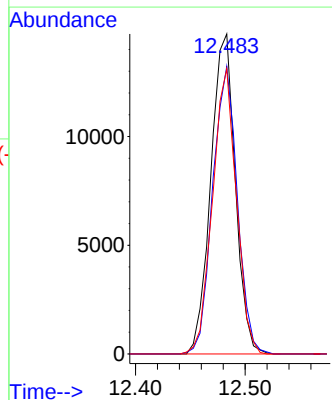
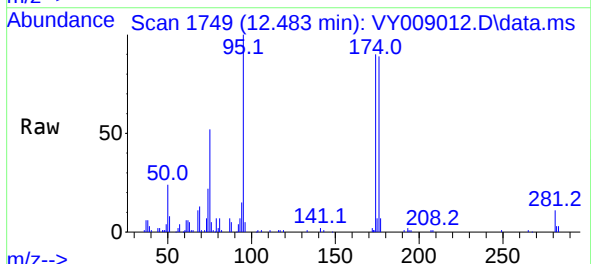
Instrument :
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Tgt Ion: 98 Resp: 94693
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.061 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009012.D
Acq: 23 May 2022 17:28

Tgt Ion: 95 Resp: 22844
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 87.0 0.0 175.8

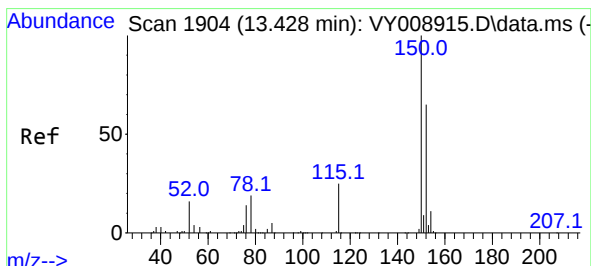
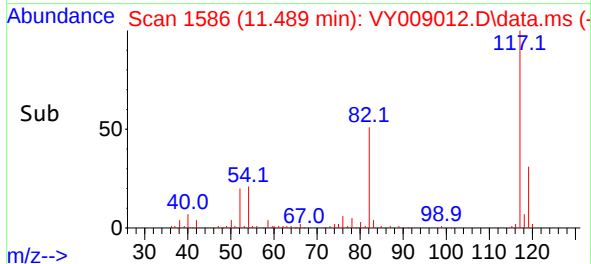
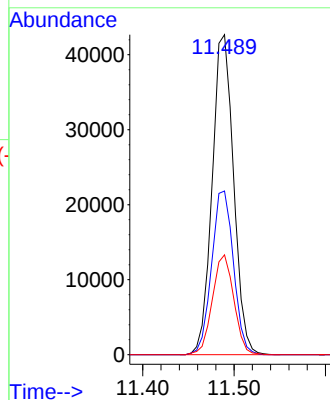
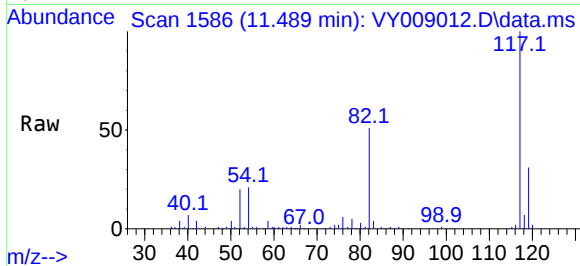




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009012.D
Acq: 23 May 2022 17:28

Instrument :
MSVOA_Y
ClientSampleId :
RBR-057

Tgt Ion:117 Resp: 69493
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 31.2 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: VY009012.D
Acq: 23 May 2022 17:28

Tgt Ion:152 Resp: 26268
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 158.3 0.0 347.6

