

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011723.D
 Acq On : 07 Dec 2022 11:10
 Operator : KP/MD
 Sample : VY1207SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1207SBL01

Quant Time: Dec 08 07:55:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	173126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93438	53.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.300%
35) Dibromofluoromethane	7.716	113	91751	53.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.860%
50) Toluene-d8	10.179	98	287726	46.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.483	95	107873	46.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.520%

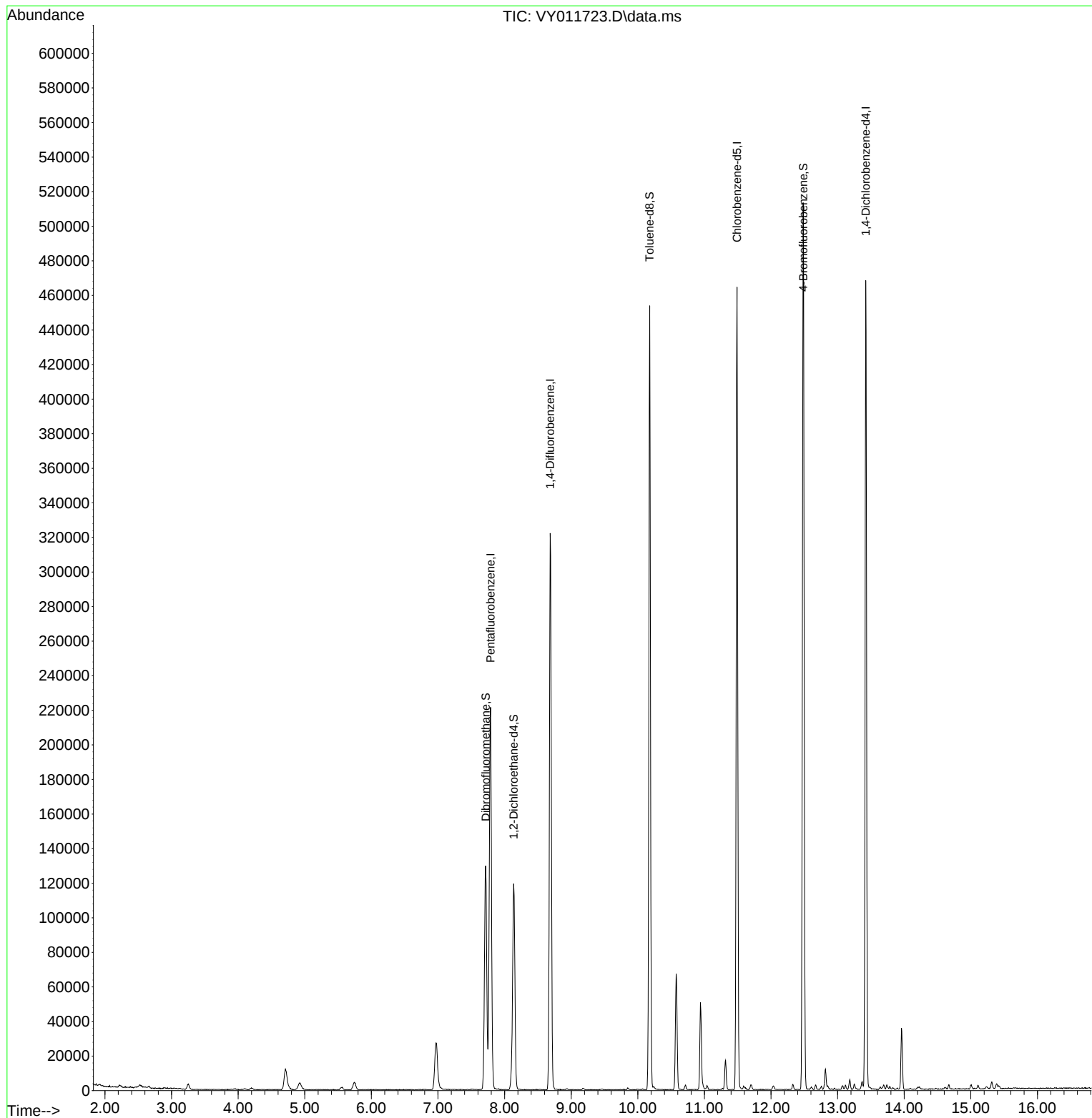
Target Compounds	Qvalue

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

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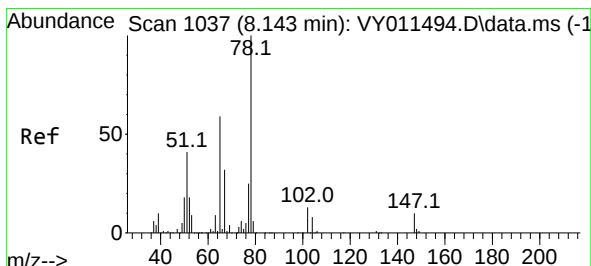
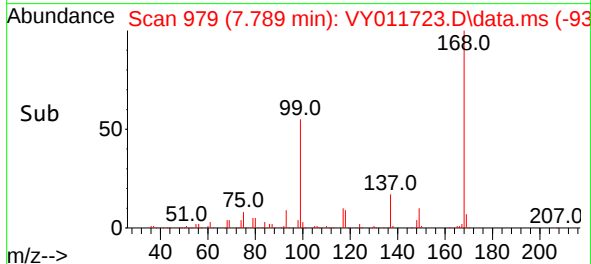
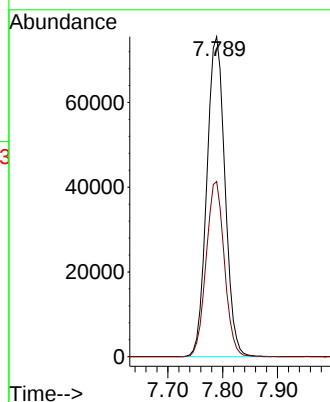
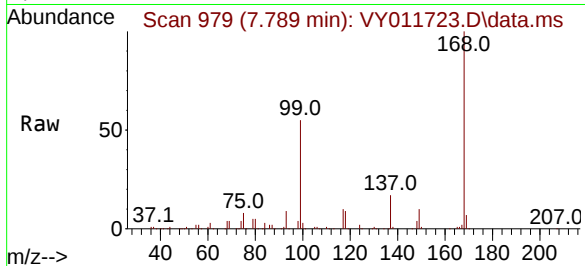




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011723.D
Acq: 07 Dec 2022 11:10

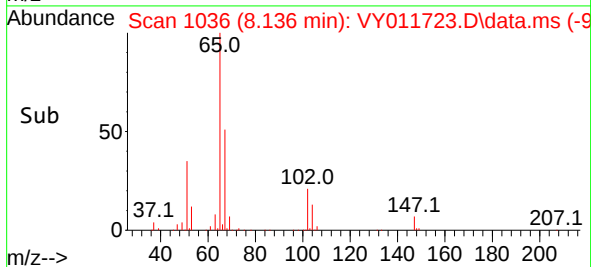
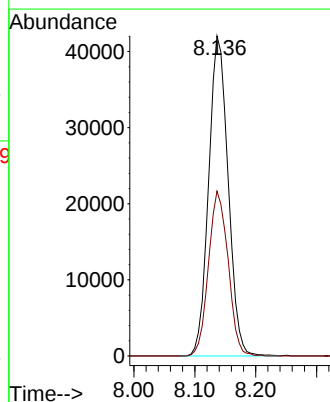
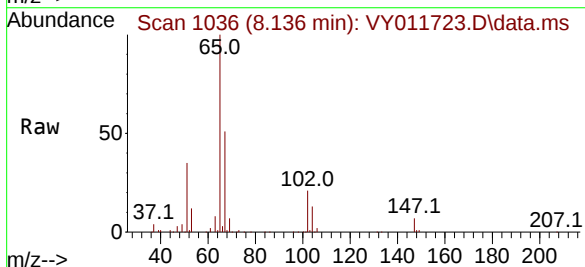
Instrument :
MSVOA_Y
ClientSampleId :
VY1207SBL01

Tgt Ion:168 Resp: 173126
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.153 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011723.D
Acq: 07 Dec 2022 11:10

Tgt Ion: 65 Resp: 93438
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011723.D

Acq: 07 Dec 2022 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1207SBL01

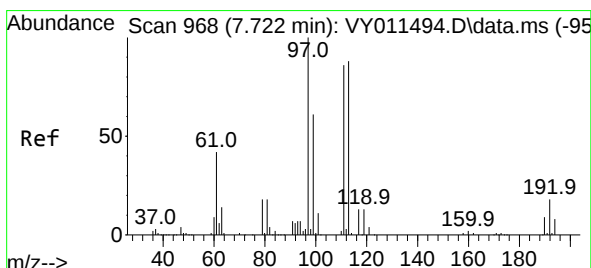
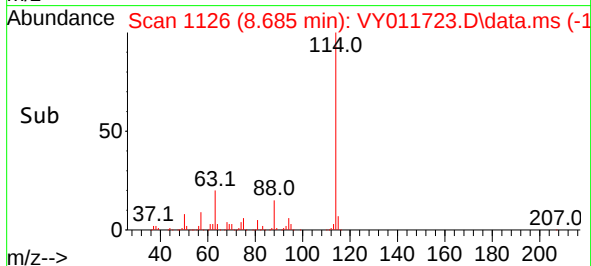
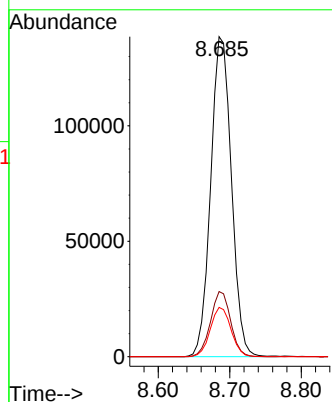
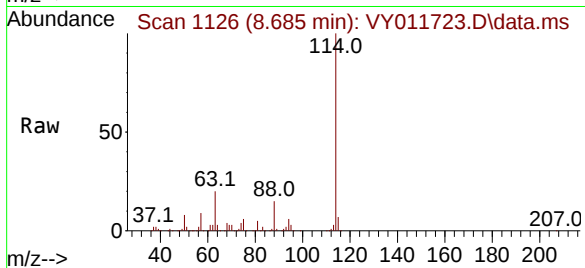
Tgt Ion:114 Resp: 278953

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.430 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011723.D

Acq: 07 Dec 2022 11:10

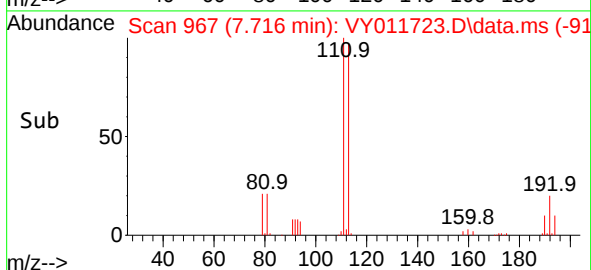
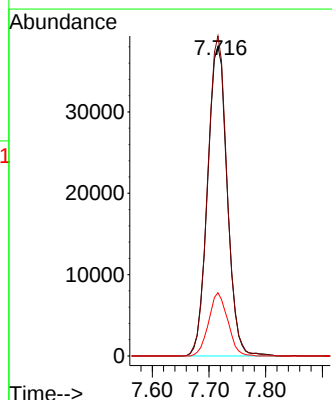
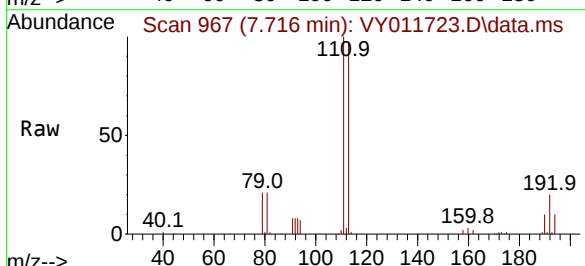
Tgt Ion:113 Resp: 91751

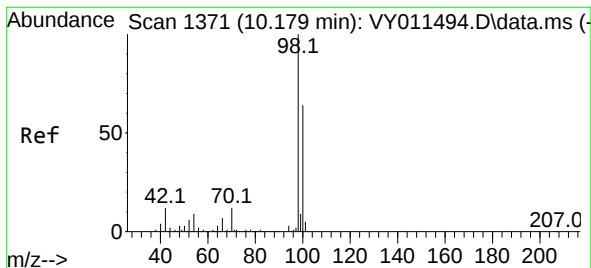
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 19.8 17.6 26.4





#50

Toluene-d8

Concen: 46.108 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011723.D

Acq: 07 Dec 2022 11:10

Instrument :

MSVOA_Y

ClientSampleId :

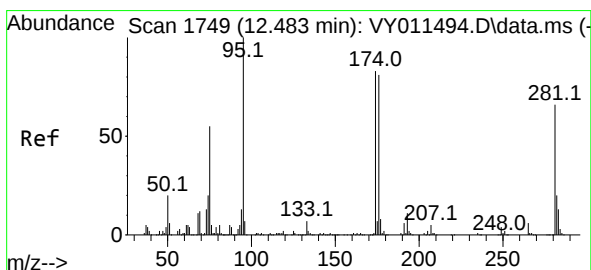
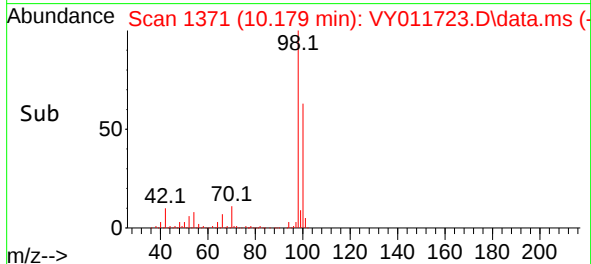
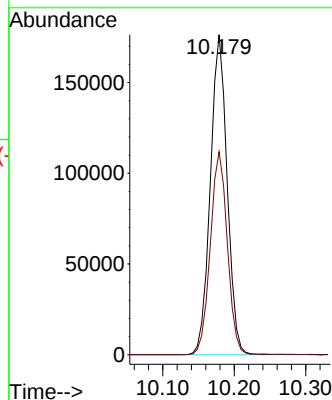
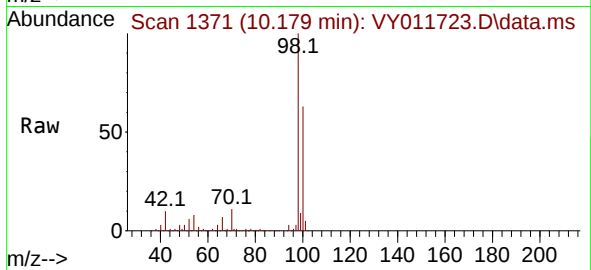
VY1207SBL01

Tgt Ion: 98 Resp: 287726

Ion Ratio Lower Upper

98 100

100 64.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 46.755 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011723.D

Acq: 07 Dec 2022 11:10

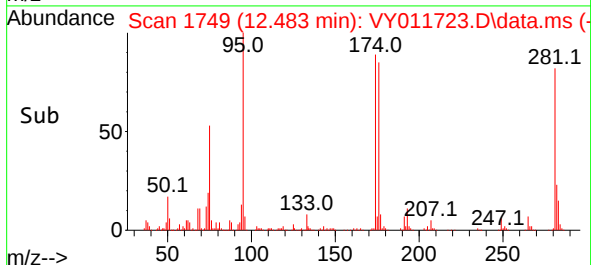
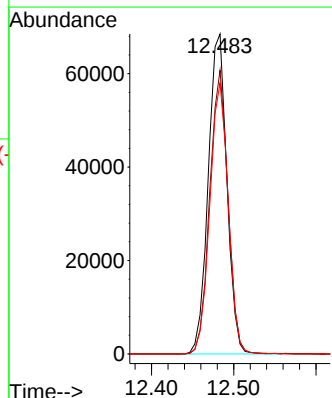
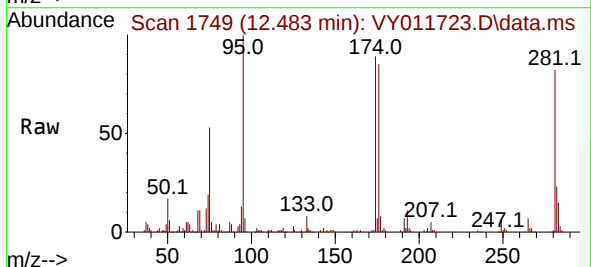
Tgt Ion: 95 Resp: 107873

Ion Ratio Lower Upper

95 100

174 86.7 0.0 177.0

176 83.6 0.0 175.8

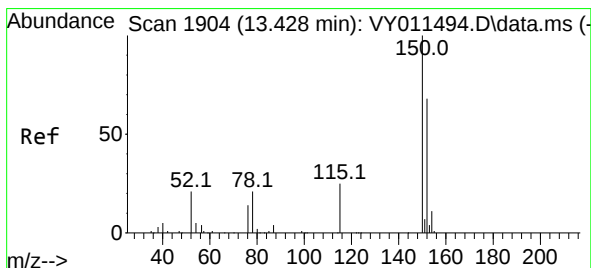
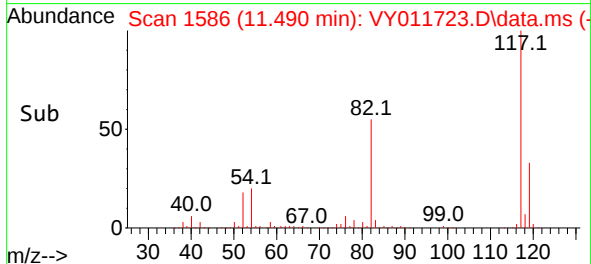
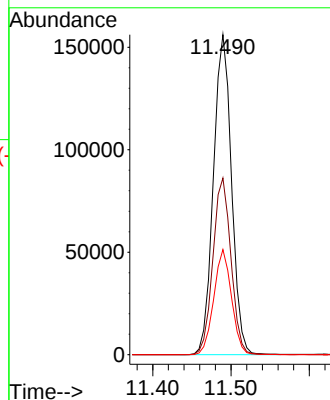
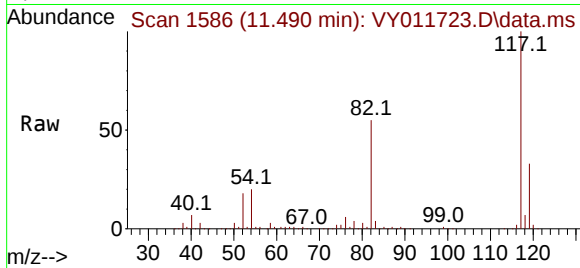




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011723.D
Acq: 07 Dec 2022 11:10

Instrument :
MSVOA_Y
ClientSampleId :
VY1207SBL01

Tgt Ion:117 Resp: 250851
Ion Ratio Lower Upper
117 100
82 55.2 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: VY011723.D
Acq: 07 Dec 2022 11:10

Tgt Ion:152 Resp: 119996
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.9 0.0 347.6

