

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011960.D
 Acq On : 21 Dec 2022 20:28
 Operator : KP/MD
 Sample : N6161-08
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 N40305

Quant Time: Dec 22 00:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	19579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	24325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10465	53.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.100%
35) Dibromofluoromethane	7.722	113	9661	53.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.920%
50) Toluene-d8	10.179	98	35106	47.878	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.483	95	8855	35.908	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.820%

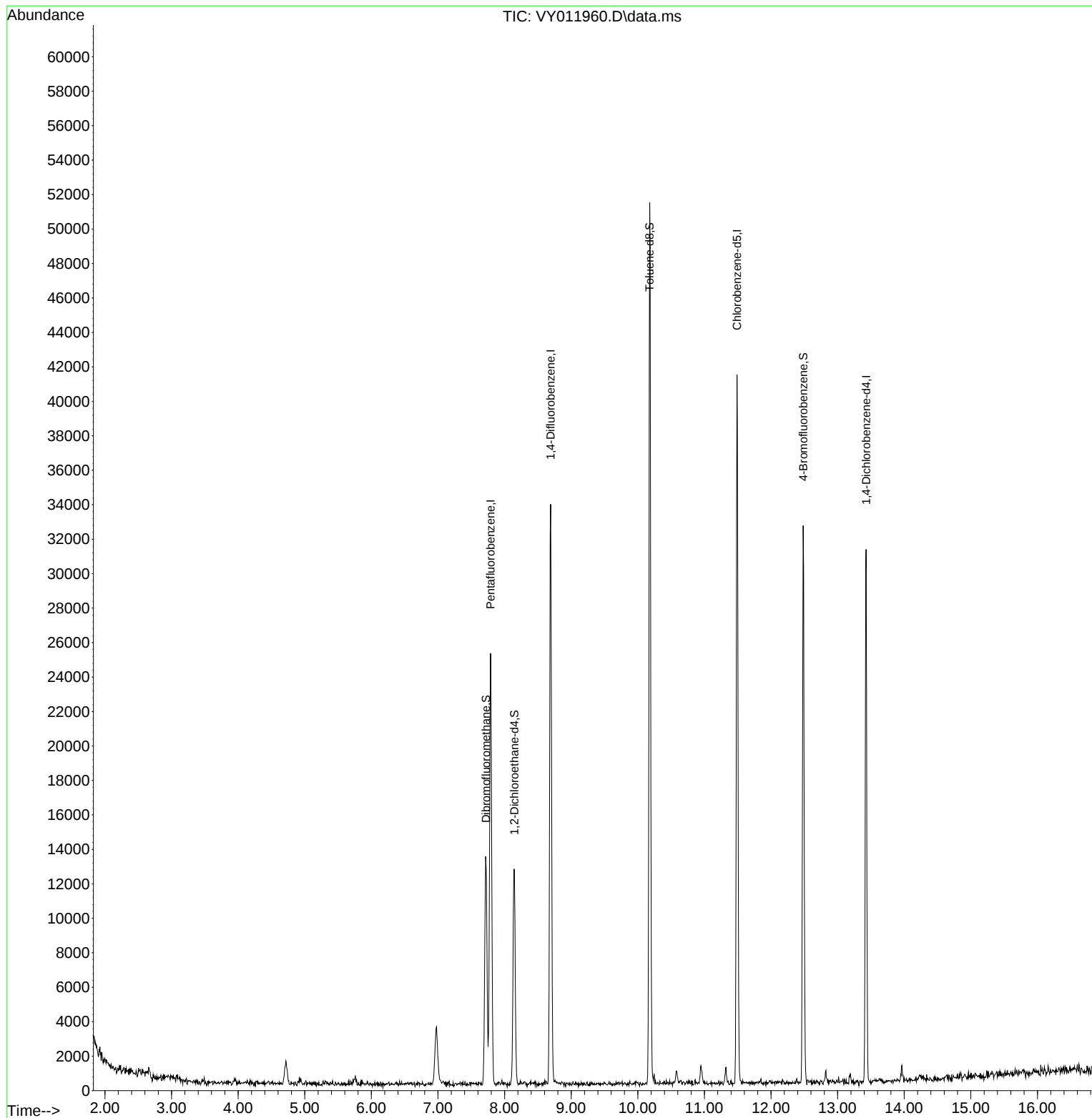
Target Compounds	Qvalue

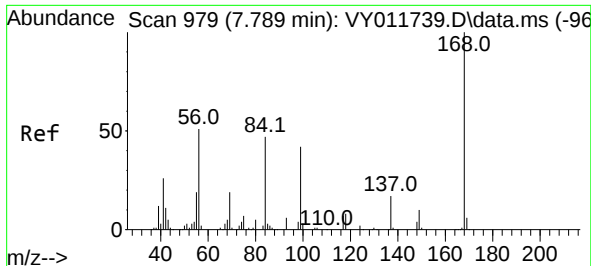
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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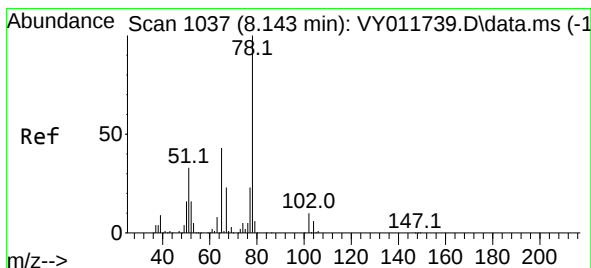
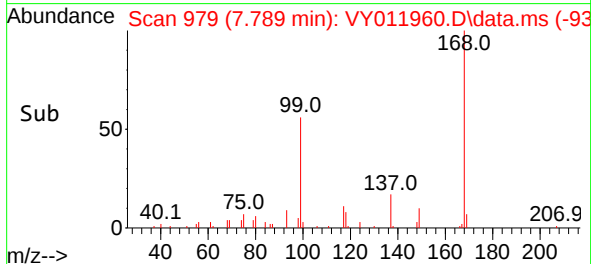
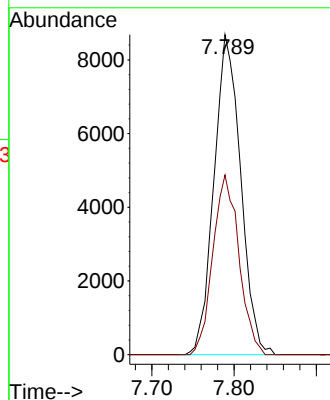
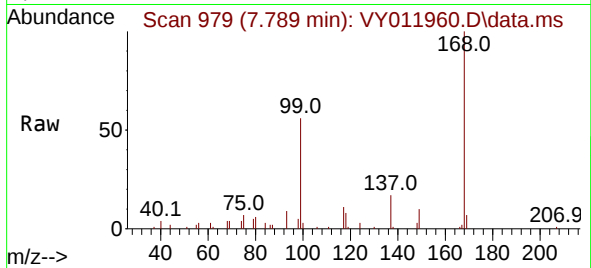




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

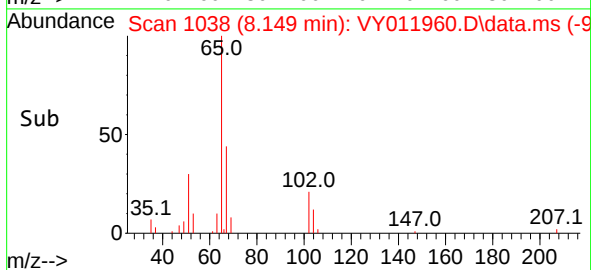
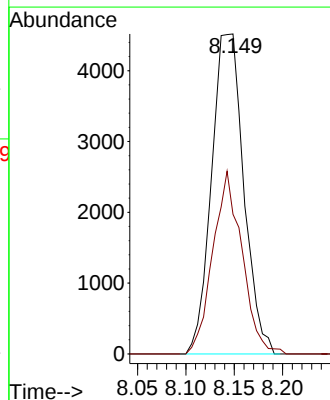
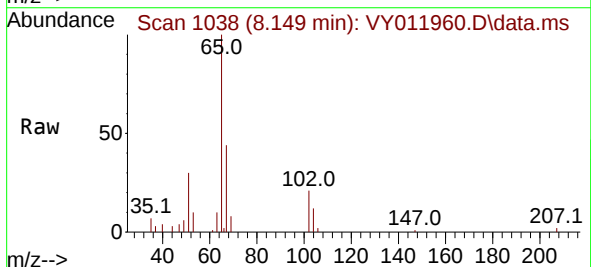
Instrument :
MSVOA_Y
ClientSampleId :
N40305

Tgt Ion:168 Resp: 19579
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 53.053 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

Tgt Ion: 65 Resp: 10465
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011960.D

Acq: 21 Dec 2022 20:28

Instrument :

MSVOA_Y

ClientSampleId :

N40305

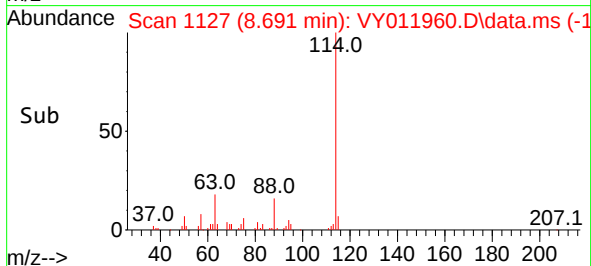
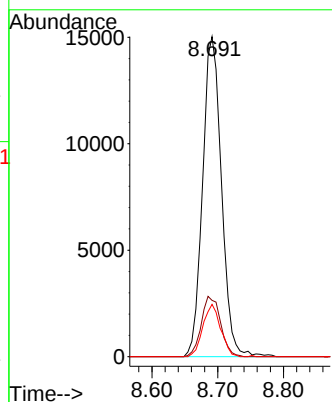
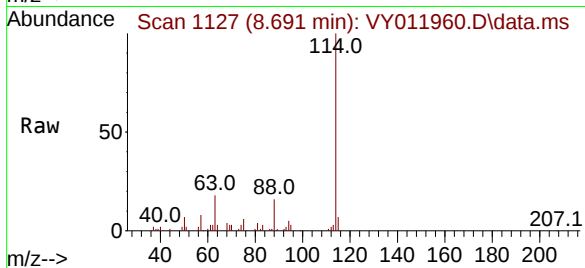
Tgt Ion:114 Resp: 30019

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 16.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.458 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011960.D

Acq: 21 Dec 2022 20:28

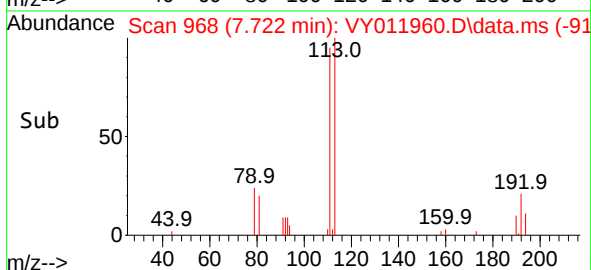
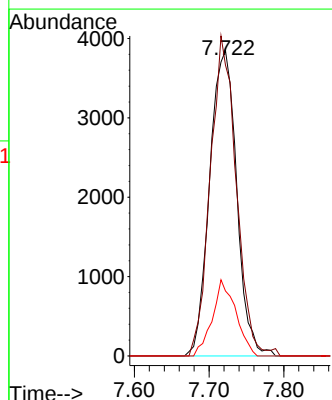
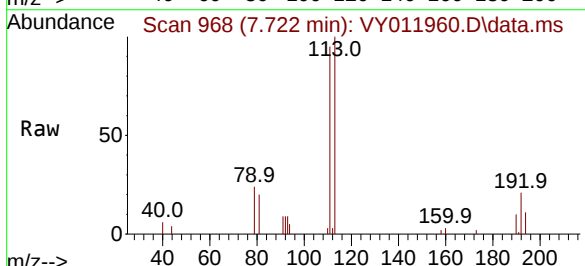
Tgt Ion:113 Resp: 9661

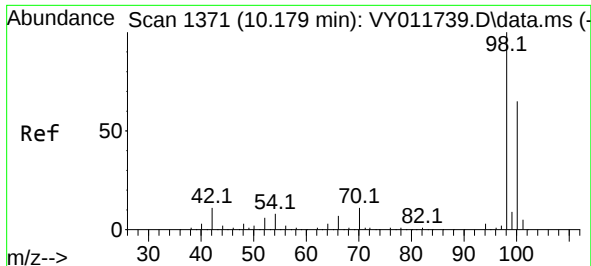
Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.4

192 21.7 16.0 24.0

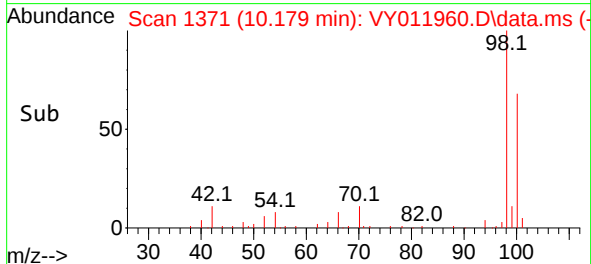
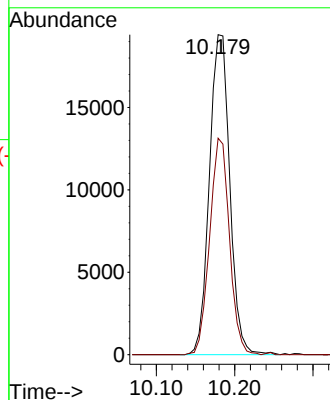
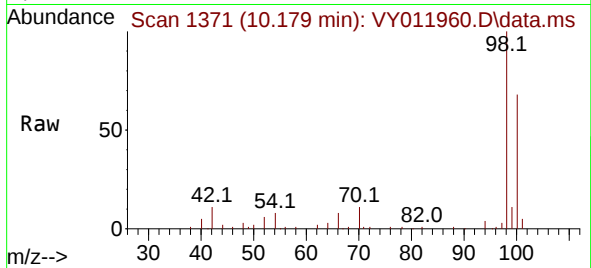




#50
Toluene-d8
Concen: 47.878 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

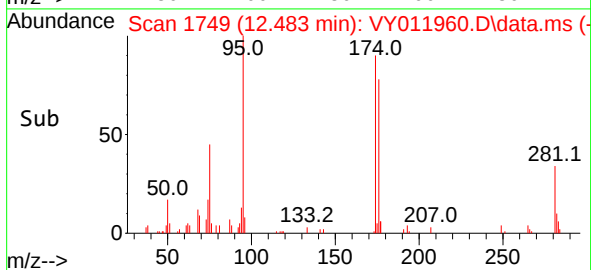
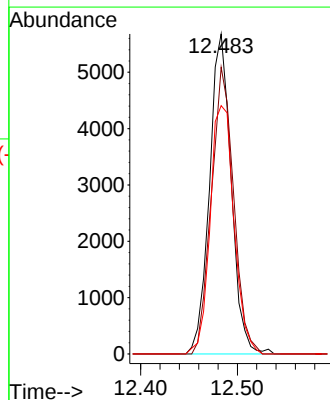
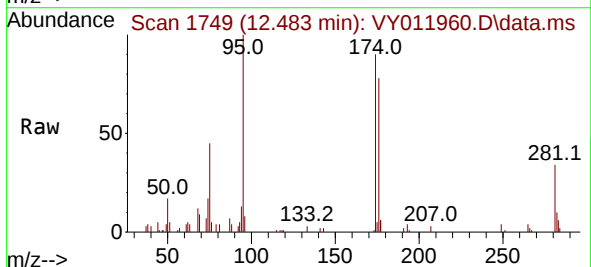
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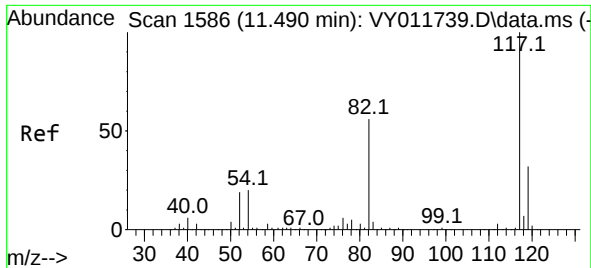
Tgt Ion: 98 Resp: 35106
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 35.908 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

Tgt Ion: 95 Resp: 8855
Ion Ratio Lower Upper
95 100
174 91.9 0.0 172.0
176 85.2 0.0 167.6

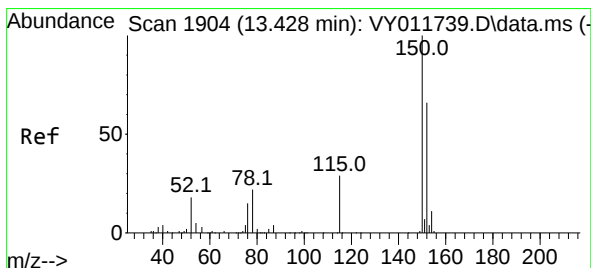
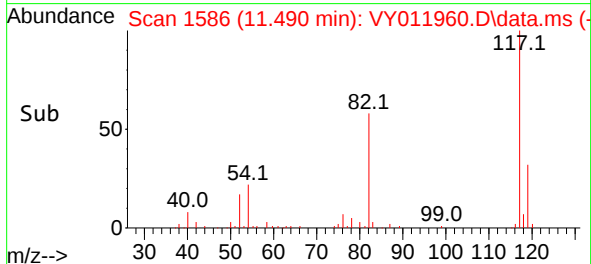
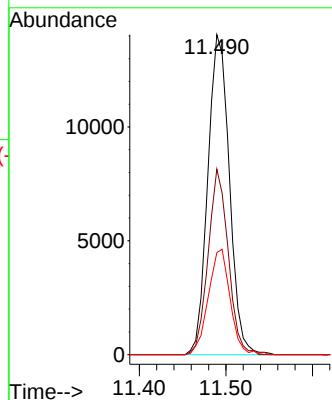
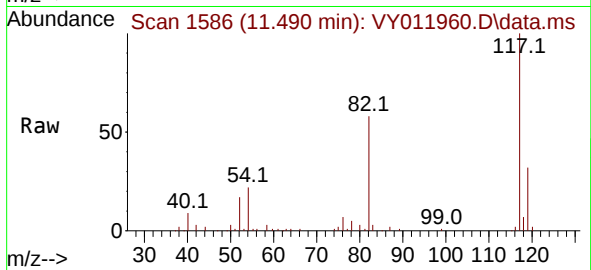




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

Instrument :
MSVOA_Y
ClientSampleId :
N40305

Tgt Ion:117 Resp: 24325
Ion Ratio Lower Upper
117 100
82 58.0 44.8 67.2
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011960.D
Acq: 21 Dec 2022 20:28

Tgt Ion:152 Resp: 9284
Ion Ratio Lower Upper
152 100
115 52.0 29.1 87.3
150 143.1 0.0 342.6

