

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011850.D
 Acq On : 14 Dec 2022 17:04
 Operator : KP/MD
 Sample : N6038-03
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-30-(1.5-3.5)

Quant Time: Dec 15 01:22:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	239855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	396574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	322851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114272	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86020	52.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.660%
35) Dibromofluoromethane	7.716	113	88205	50.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.140%
50) Toluene-d8	10.179	98	241221	40.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.000%
62) 4-Bromofluorobenzene	12.483	95	78728	32.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.320%

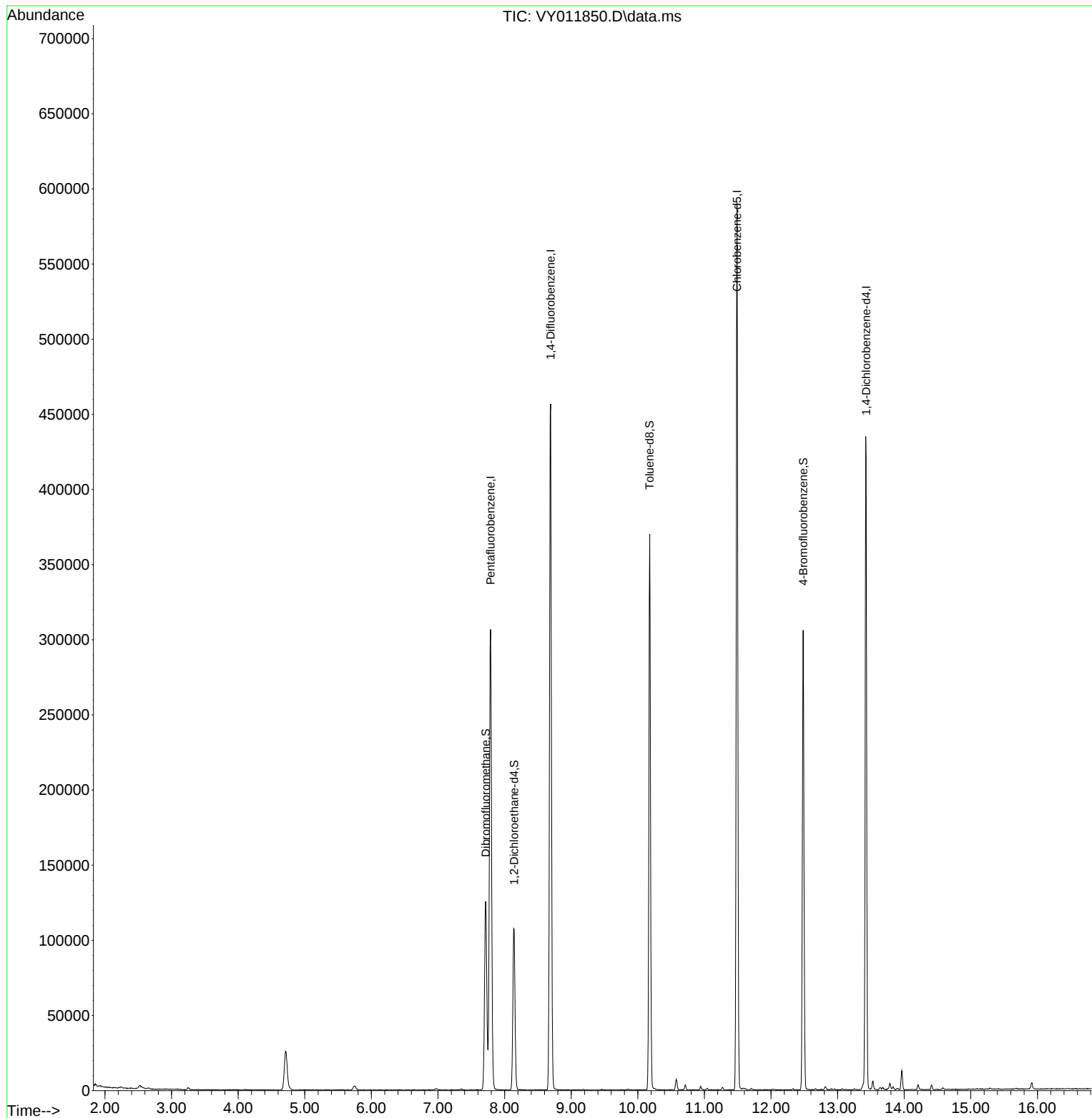
Target Compounds	Qvalue

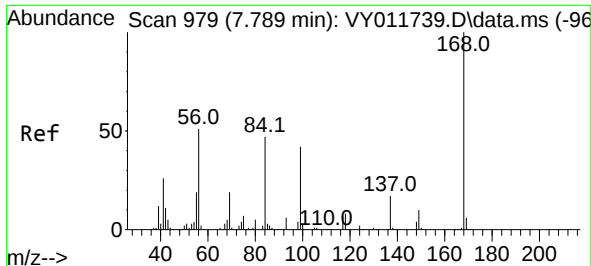
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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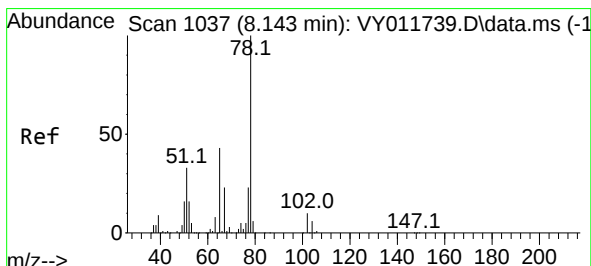
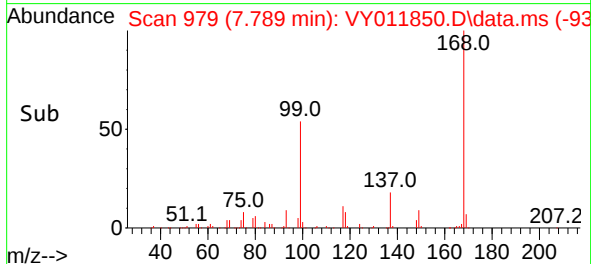
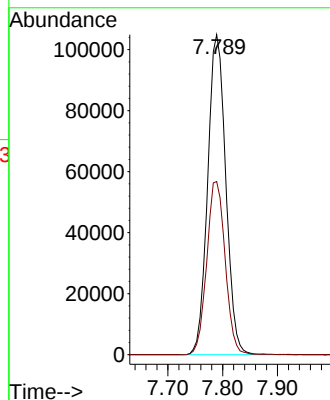
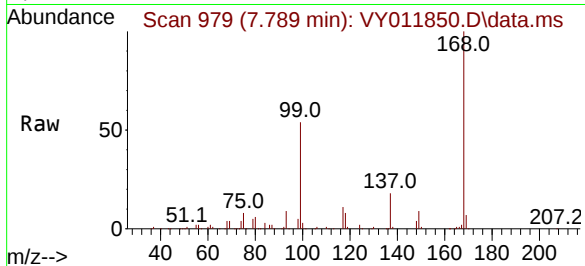




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011850.D
Acq: 14 Dec 2022 17:04

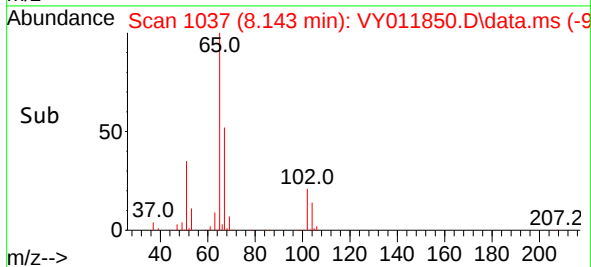
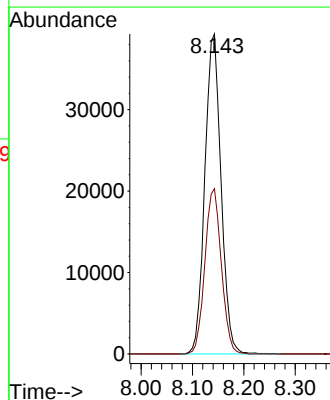
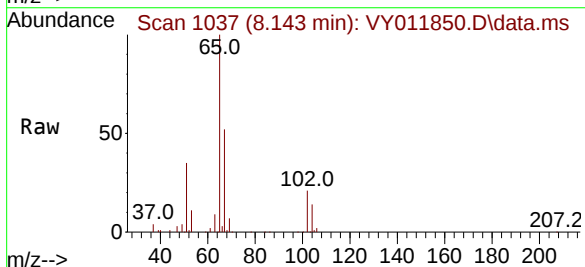
Instrument :
MSVOA_Y
ClientSampleId :
RB-30-(1.5-3.5)

Tgt Ion:168 Resp: 239855
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.827 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011850.D
Acq: 14 Dec 2022 17:04

Tgt Ion: 65 Resp: 86020
Ion Ratio Lower Upper
65 100
67 52.4 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: VY011850.D

Acq: 14 Dec 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

RB-30-(1.5-3.5)

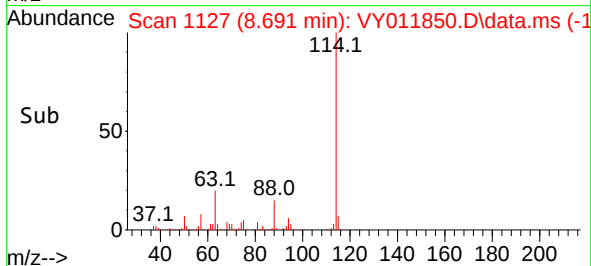
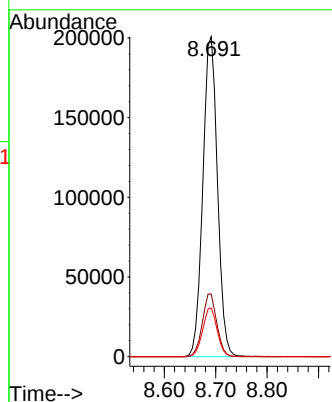
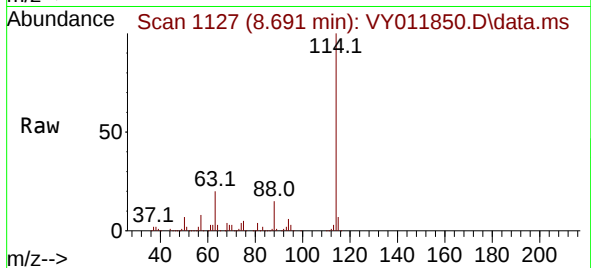
Tgt Ion:114 Resp: 396574

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.066 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011850.D

Acq: 14 Dec 2022 17:04

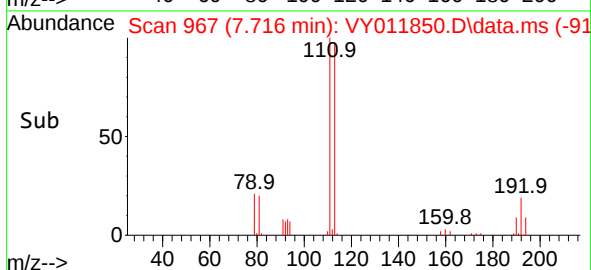
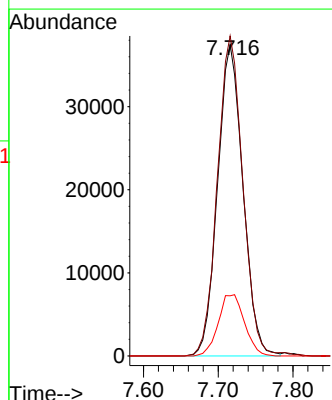
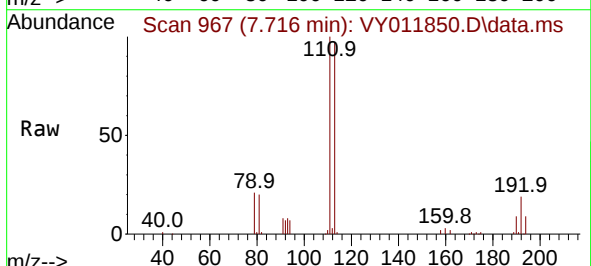
Tgt Ion:113 Resp: 88205

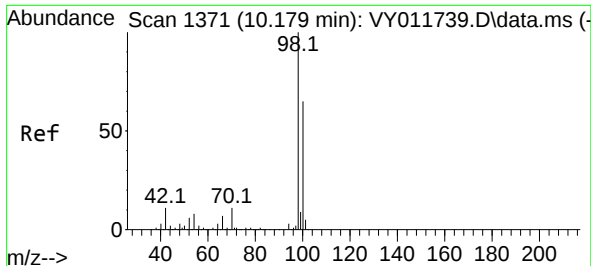
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

192 20.4 16.0 24.0

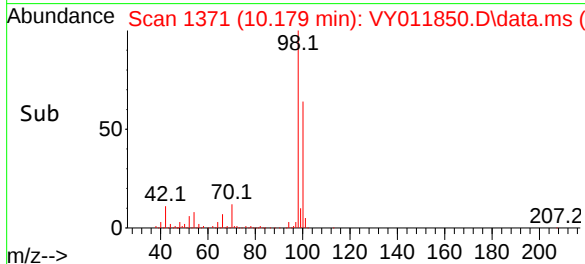
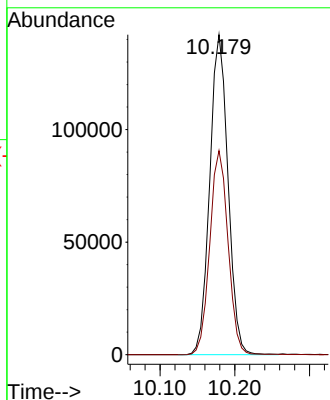
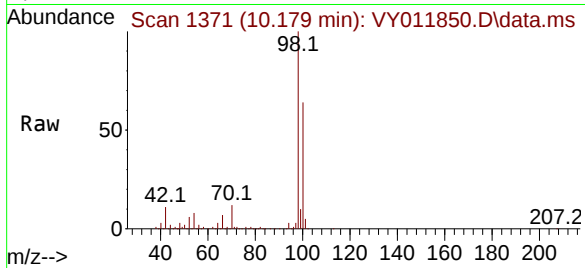




#50
Toluene-d8
Concen: 40.495 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011850.D
Acq: 14 Dec 2022 17:04

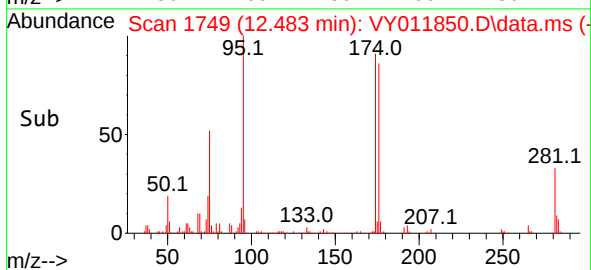
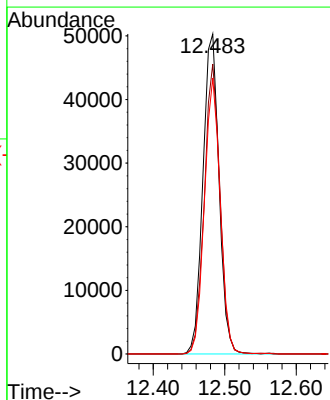
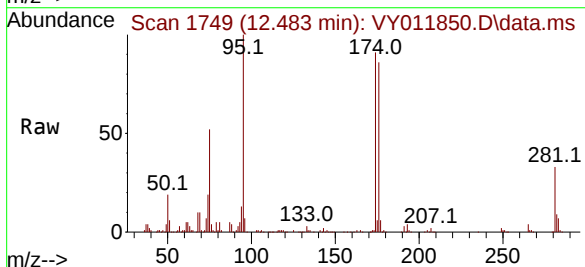
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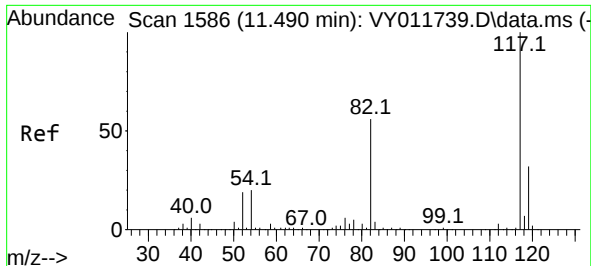
Tgt Ion: 98 Resp: 241221
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 32.657 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011850.D
Acq: 14 Dec 2022 17:04

Tgt Ion: 95 Resp: 78728
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.0
176 84.6 0.0 167.6

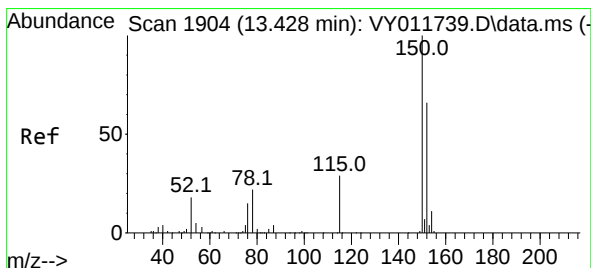
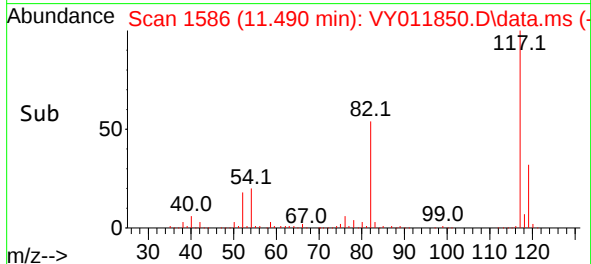
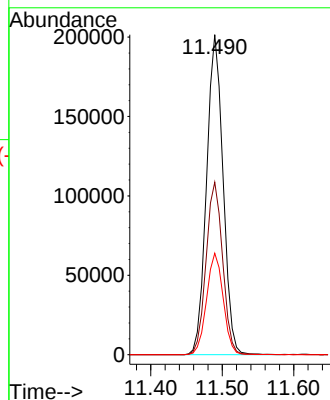
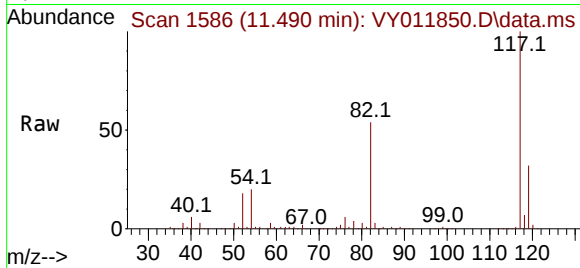




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11739
Delta R.T. -0.000 min
Lab File: VY011850.D
Acq: 14 Dec 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :
RB-30-(1.5-3.5)

Tgt Ion:117 Resp: 322851
Ion Ratio Lower Upper
117 100
82 53.9 44.8 67.2
119 31.7 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: VY011850.D
Acq: 14 Dec 2022 17:04

Tgt Ion:152 Resp: 114272
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.3
150 157.5 0.0 342.6

