

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012821.D
 Acq On : 06 Mar 2023 14:20
 Operator : KP/MD
 Sample : 01821-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-IDW-S-1

Quant Time: Mar 07 04:24:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	108710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68306	63.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.560%
35) Dibromofluoromethane	7.716	113	66254	63.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.800%
50) Toluene-d8	10.179	98	209543	54.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.700%
62) 4-Bromofluorobenzene	12.483	95	54316	42.121	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.240%

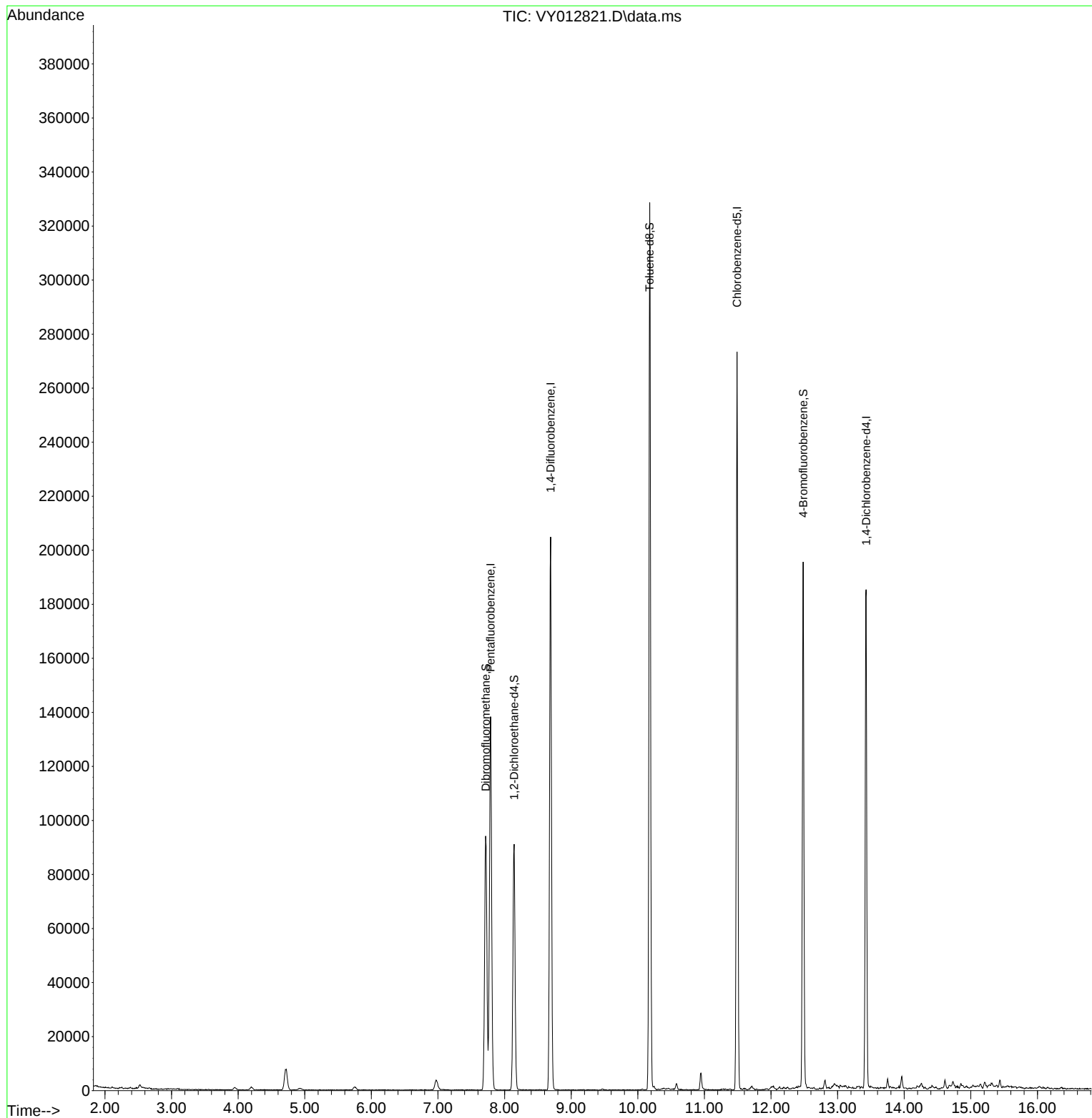
Target Compounds	Qvalue

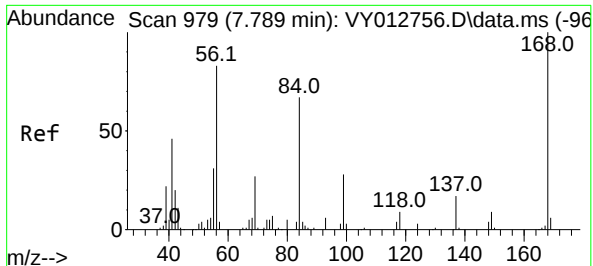
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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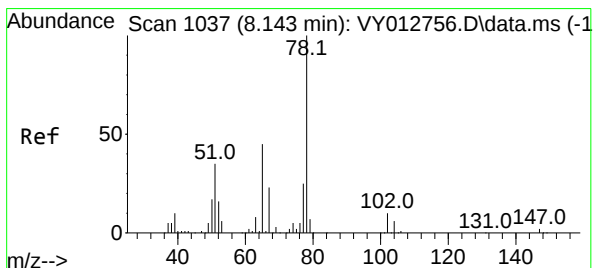
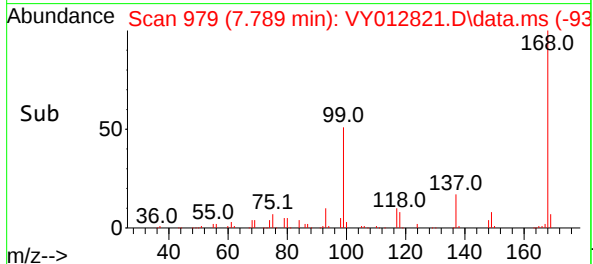
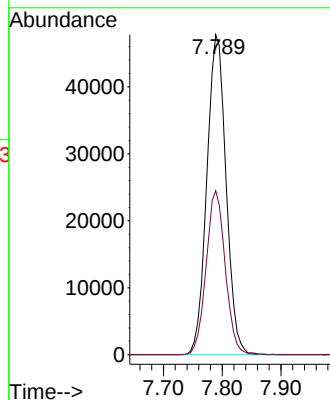
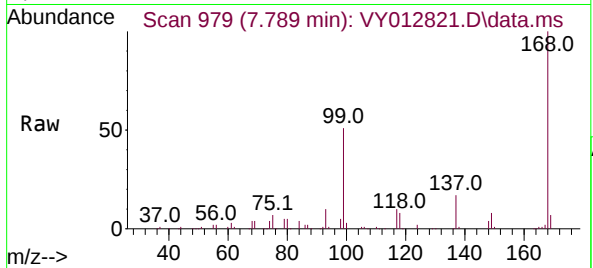




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

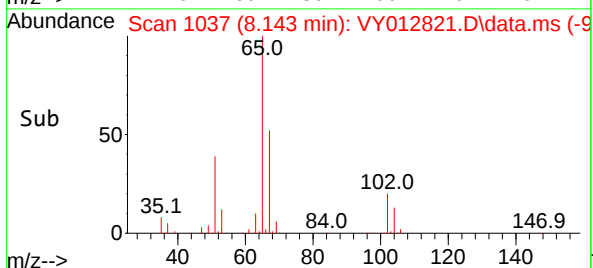
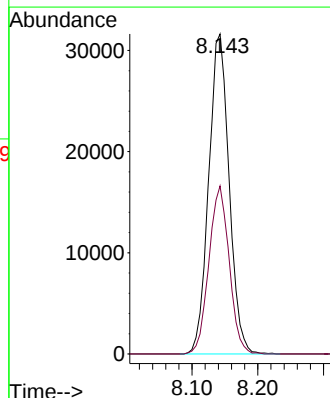
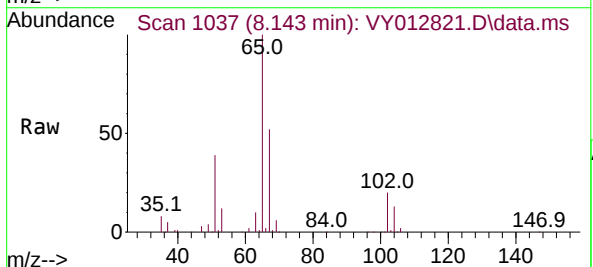
Instrument :
MSVOA_Y
ClientSampleId :
WC-IDW-S-1

Tgt Ion:168 Resp: 108710
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 63.284 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

Tgt Ion: 65 Resp: 68306
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

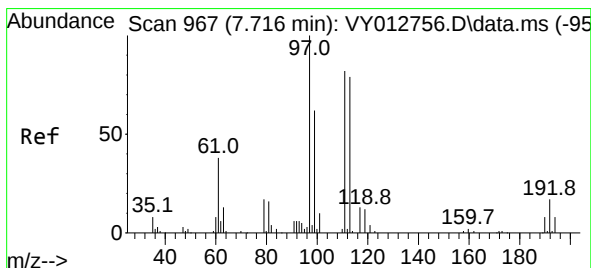
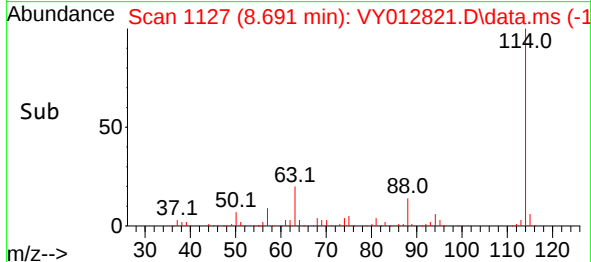
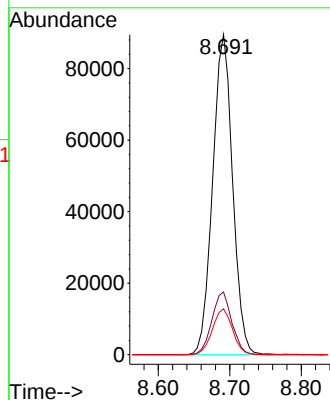
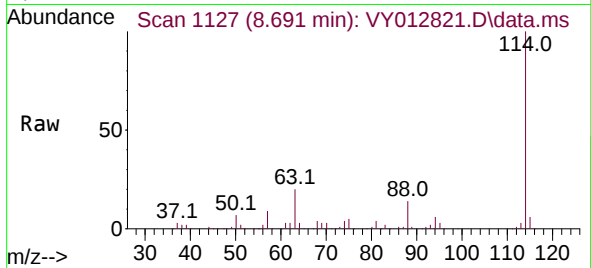




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

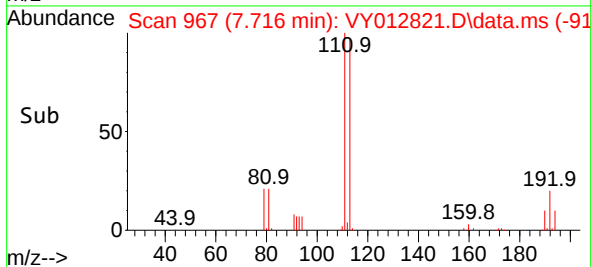
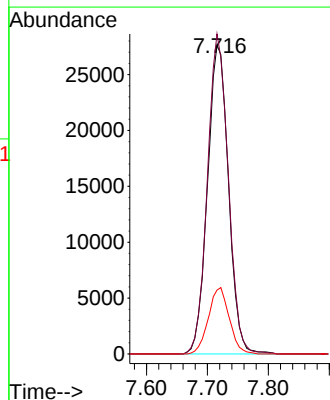
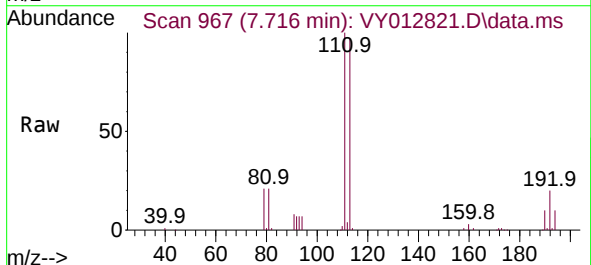
Instrument :
MSVOA_Y
ClientSampleId :
WC-IDW-S-1

Tgt Ion:114 Resp: 173167
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.4
88 14.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 63.397 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

Tgt Ion:113 Resp: 66254
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 21.3 16.8 25.2

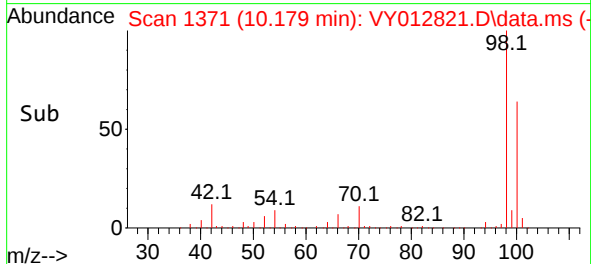
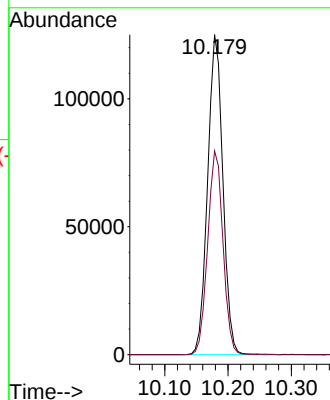
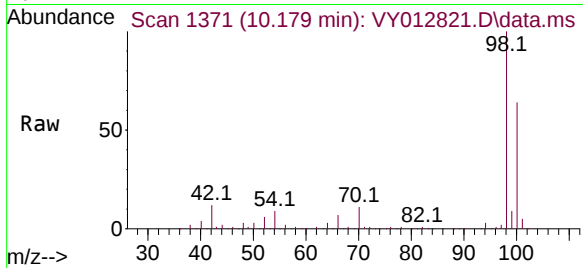




#50
Toluene-d8
Concen: 54.847 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

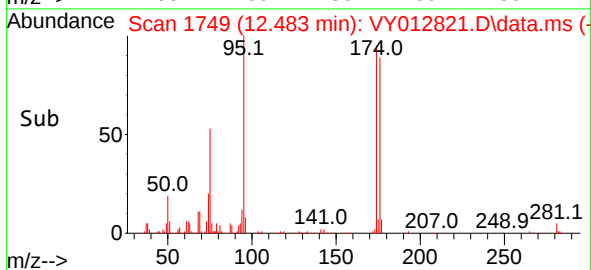
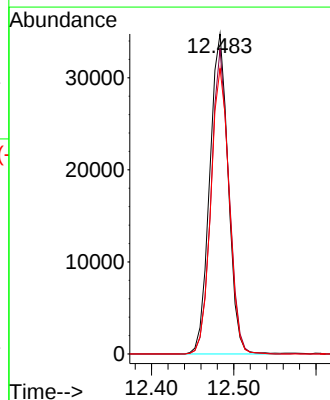
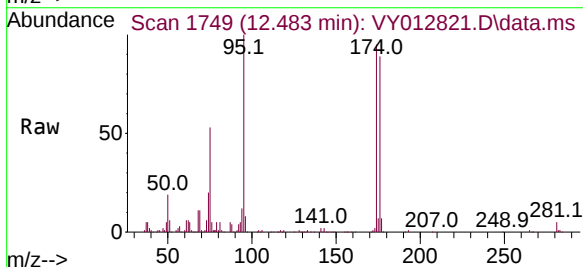
Instrument :
MSVOA_Y
ClientSampleId :
WC-IDW-S-1

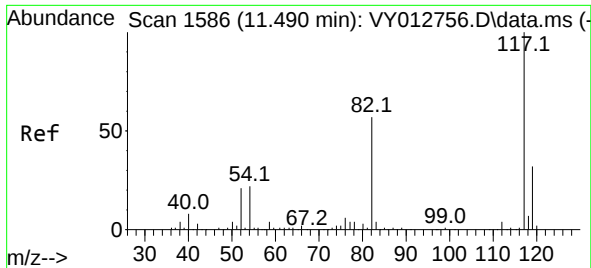
Tgt Ion: 98 Resp: 209543
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.121 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

Tgt Ion: 95 Resp: 54316
Ion Ratio Lower Upper
95 100
174 91.2 0.0 176.6
176 88.4 0.0 170.2

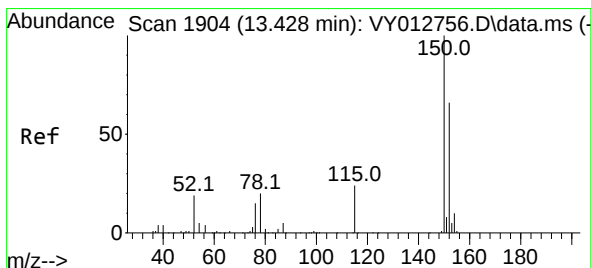
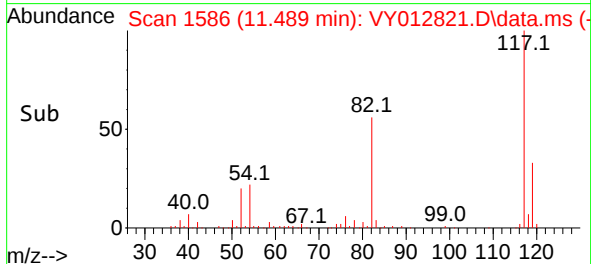
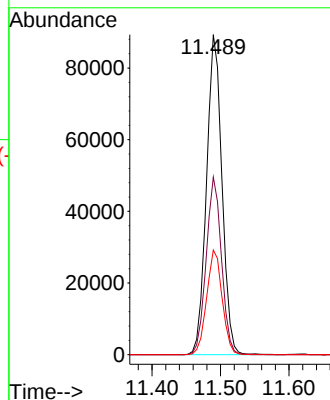
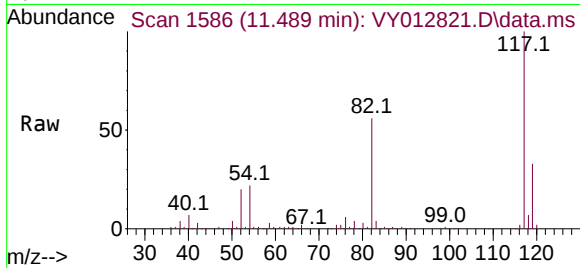




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
WC-IDW-S-1

Tgt Ion:117 Resp: 140078
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

Tgt Ion:152 Resp: 47416
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 159.7 0.0 347.8

