

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012092.D
 Acq On : 06 Jan 2023 15:28
 Operator : KP/MD
 Sample : VY0106SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0106SBL01

Quant Time: Jan 07 01:48:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	167331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93378	49.663	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.320%
35) Dibromofluoromethane	7.716	113	83952	49.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.179	98	308943	46.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.740%
62) 4-Bromofluorobenzene	12.483	95	106222	45.608	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.220%

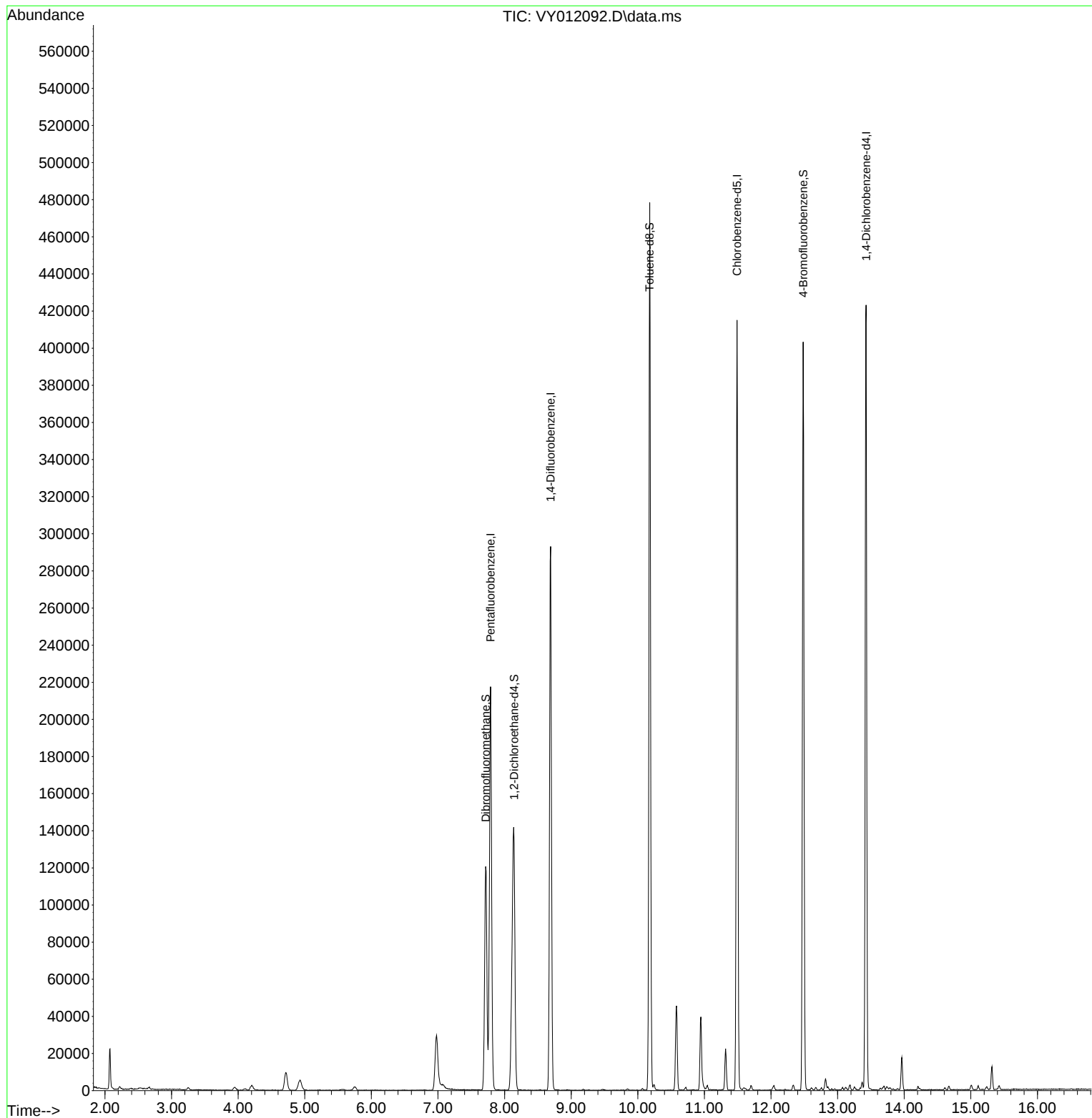
Target Compounds	Qvalue

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

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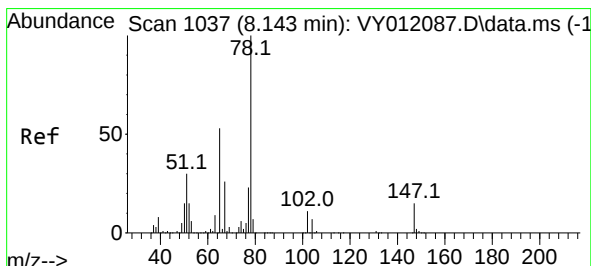
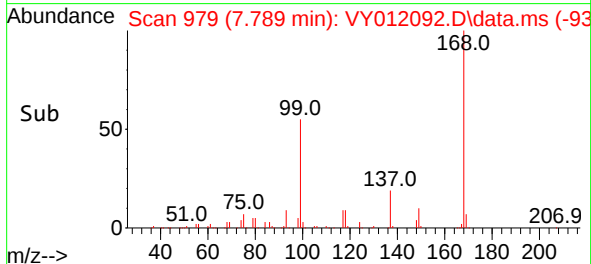
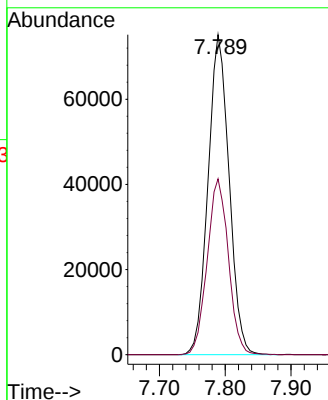
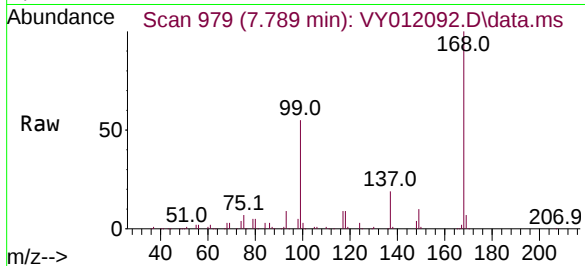




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

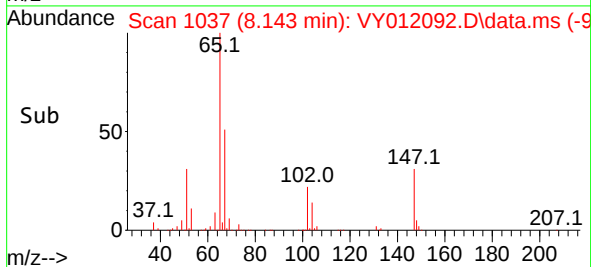
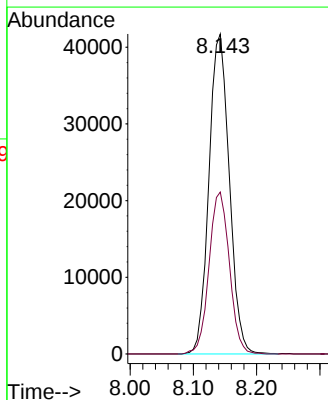
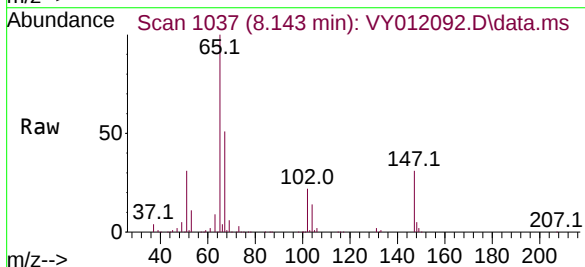
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

Tgt Ion:168 Resp: 167331
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 49.663 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Tgt Ion: 65 Resp: 93378
Ion Ratio Lower Upper
65 100
67 50.6 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: VY012092.D

Acq: 06 Jan 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0106SBL01

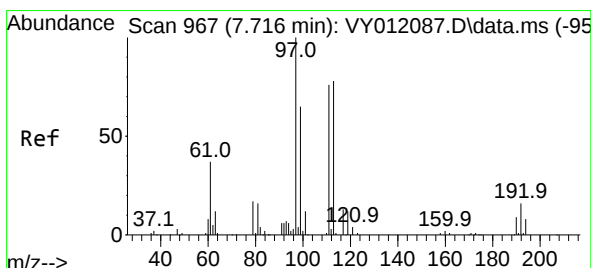
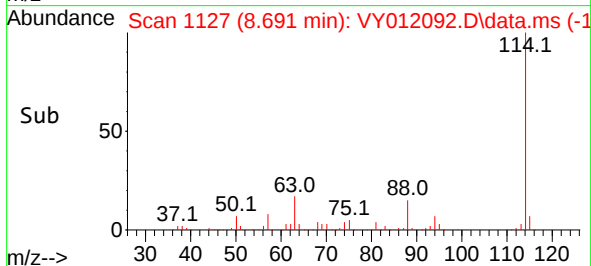
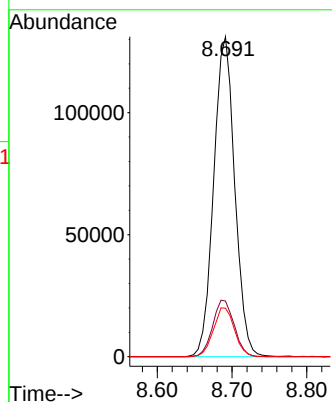
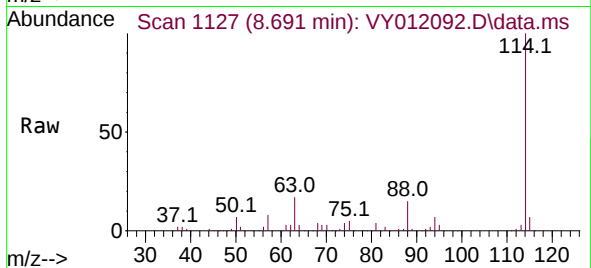
Tgt Ion:114 Resp: 256835

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.731 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012092.D

Acq: 06 Jan 2023 15:28

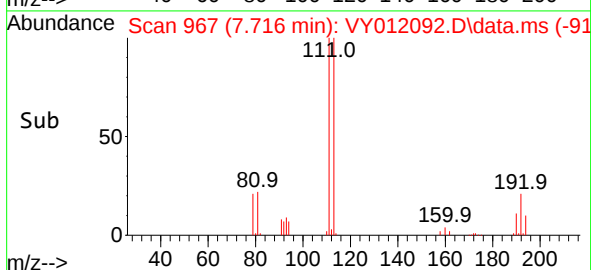
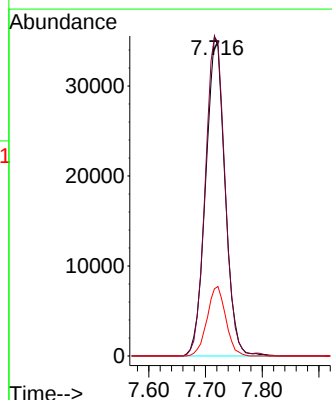
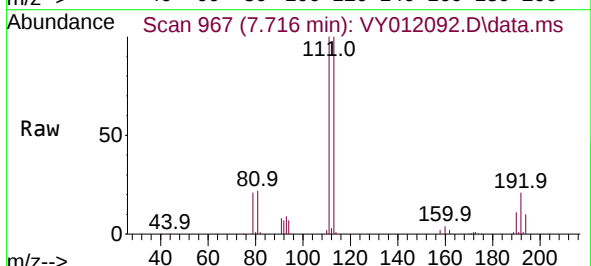
Tgt Ion:113 Resp: 83952

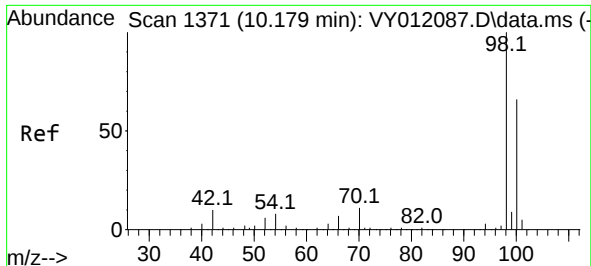
Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 21.0 16.0 24.0

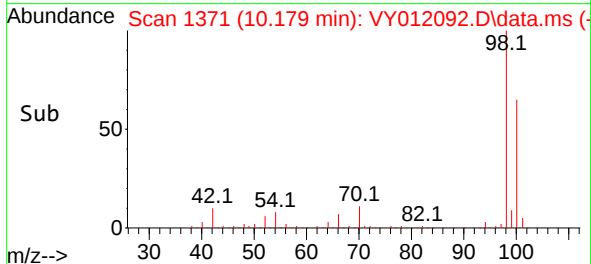
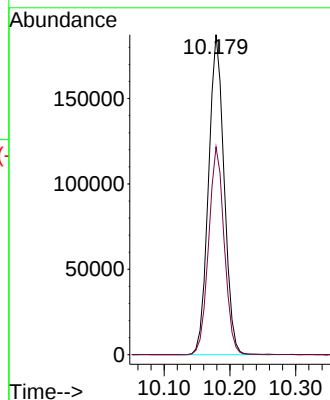
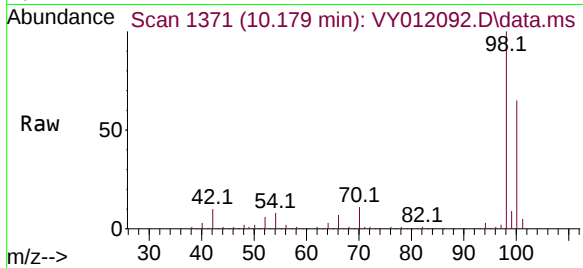




#50
Toluene-d8
Concen: 46.366 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

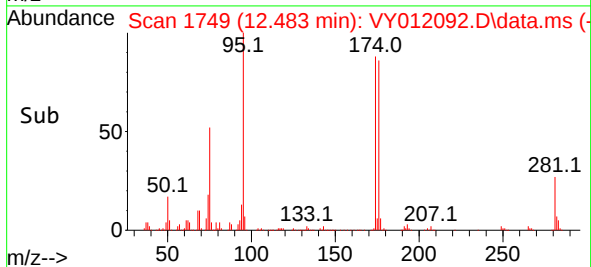
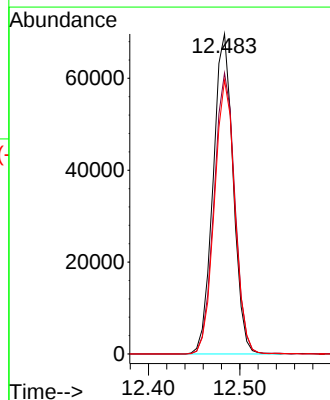
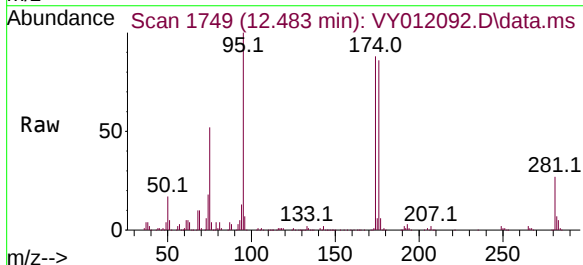
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

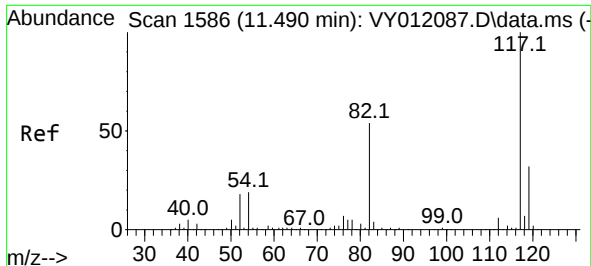
Tgt Ion: 98 Resp: 308943
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Tgt Ion: 95 Resp: 106222
Ion Ratio Lower Upper
95 100
174 91.2 0.0 172.0
176 87.4 0.0 167.6

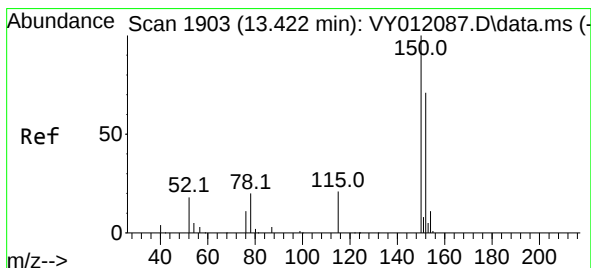
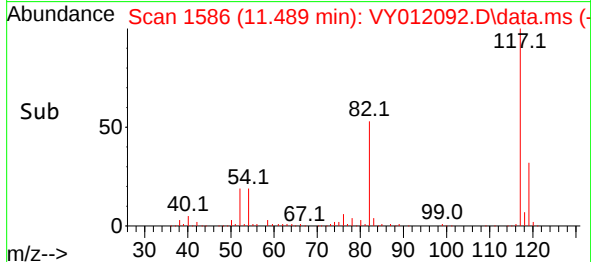
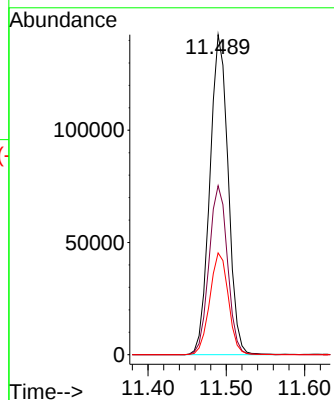
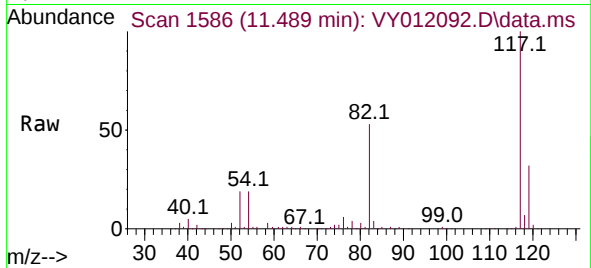




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

Tgt Ion:117 Resp: 231384
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Tgt Ion:152 Resp: 114729
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 156.1 0.0 342.6

