

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012141.D
 Acq On : 10 Jan 2023 14:56
 Operator : KP/MD
 Sample : 01089-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-3-010923

Quant Time: Jan 11 03:09:25 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	168830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	287809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	276463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	100492	52.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.940%
35) Dibromofluoromethane	7.716	113	87531	46.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.540%
50) Toluene-d8	10.179	98	345007	46.206	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.420%
62) 4-Bromofluorobenzene	12.483	95	111619	42.767	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.540%

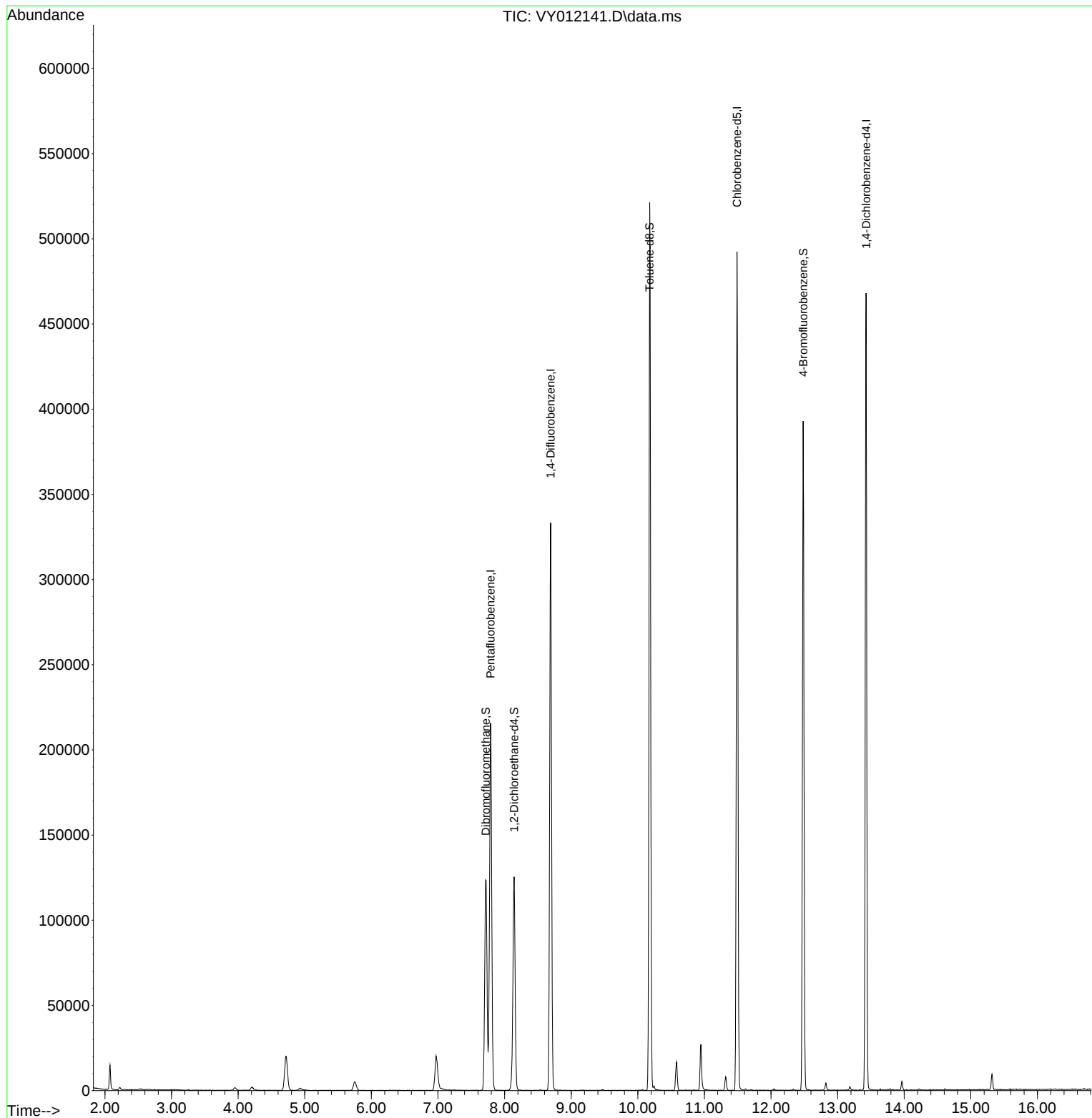
Target Compounds	Qvalue

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

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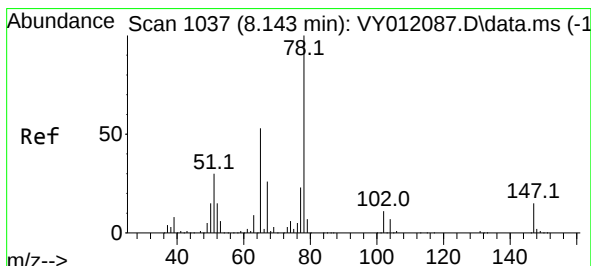
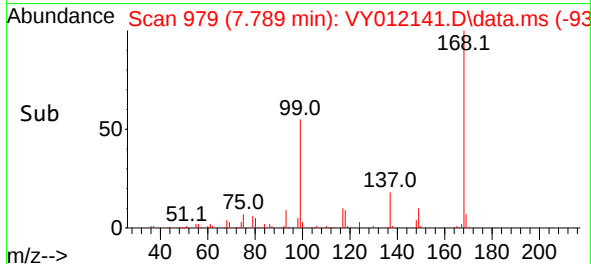
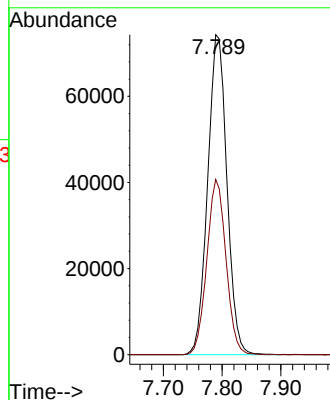
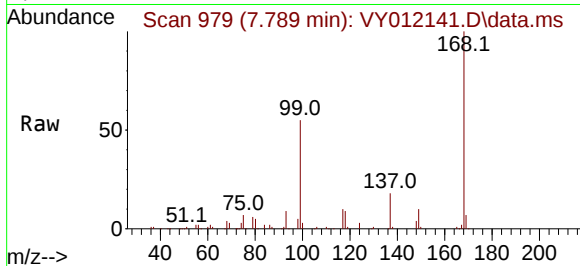




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012141.D
Acq: 10 Jan 2023 14:56

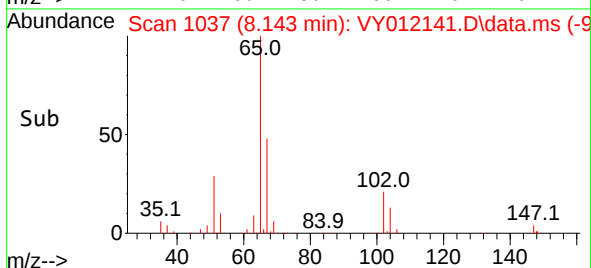
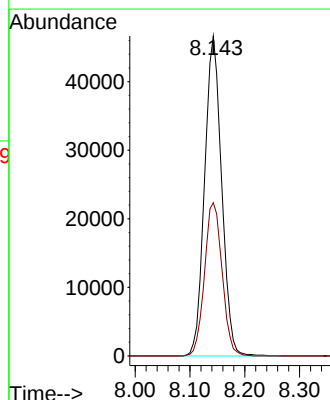
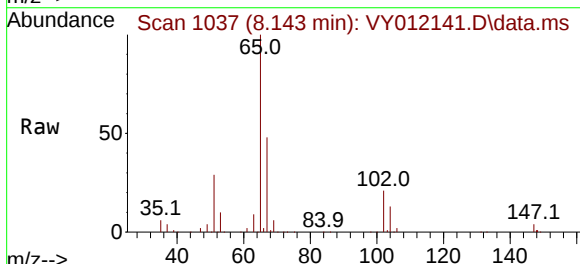
Instrument :
MSVOA_Y
ClientSampleId :
PL-3-010923

Tgt Ion:168 Resp: 168830
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.972 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012141.D
Acq: 10 Jan 2023 14:56

Tgt Ion: 65 Resp: 100492
Ion Ratio Lower Upper
65 100
67 49.4 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: VY012141.D

Acq: 10 Jan 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

PL-3-010923

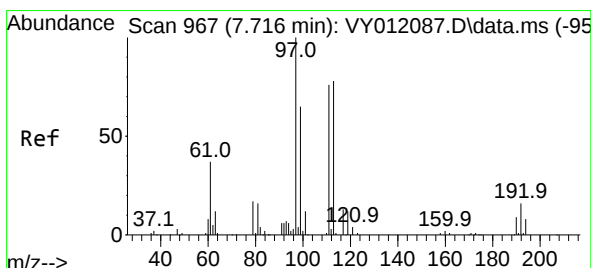
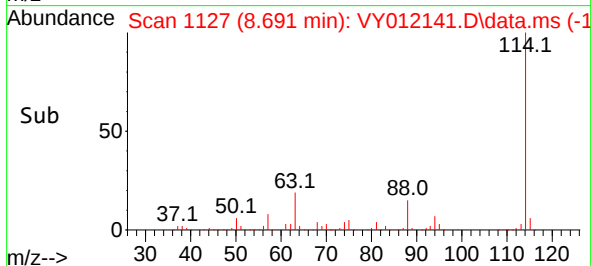
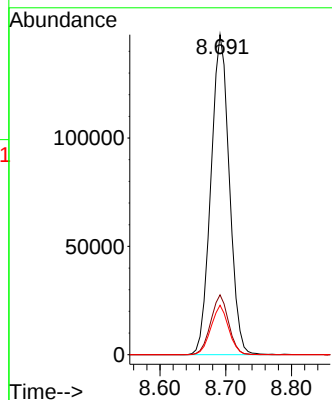
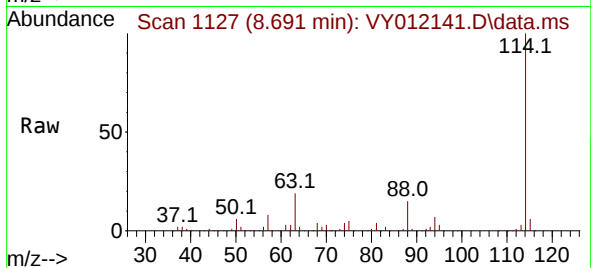
Tgt Ion:114 Resp: 287809

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.271 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012141.D

Acq: 10 Jan 2023 14:56

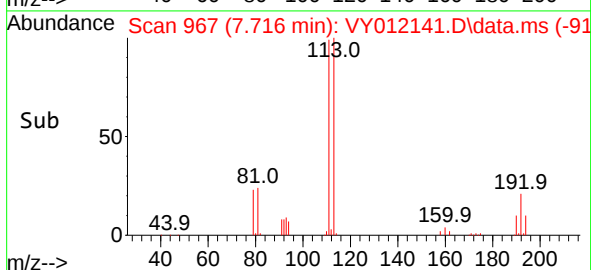
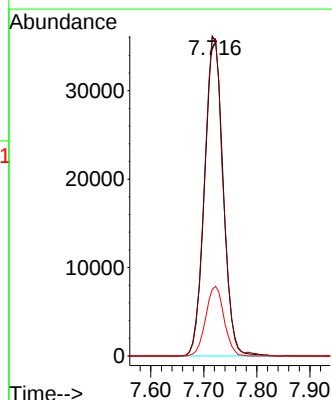
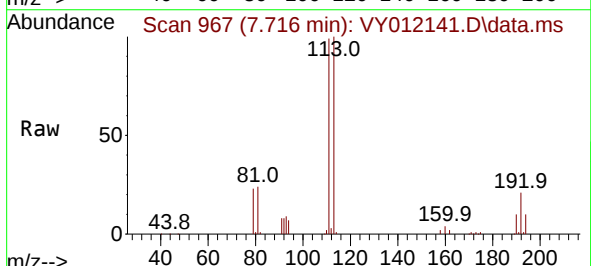
Tgt Ion:113 Resp: 87531

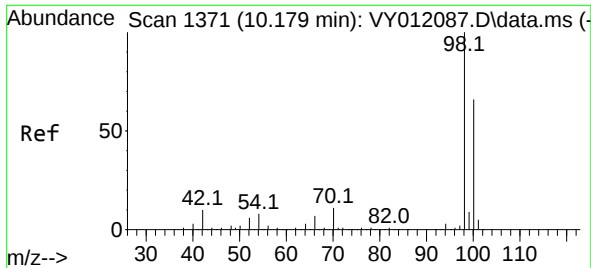
Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.4

192 21.6 16.0 24.0

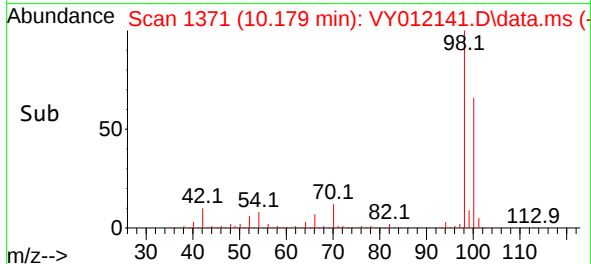
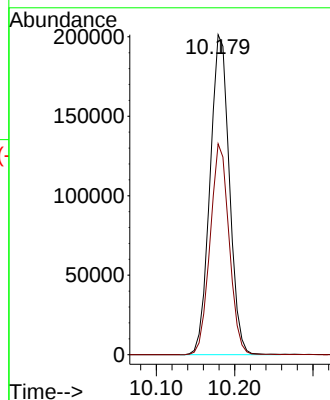
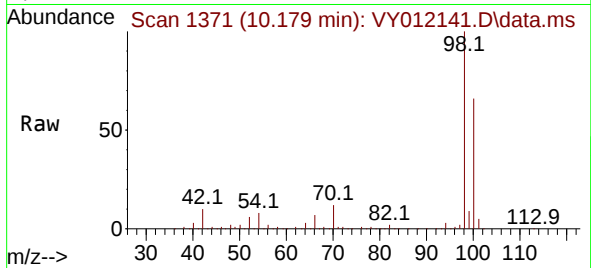




#50
Toluene-d8
Concen: 46.206 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012141.D
Acq: 10 Jan 2023 14:56

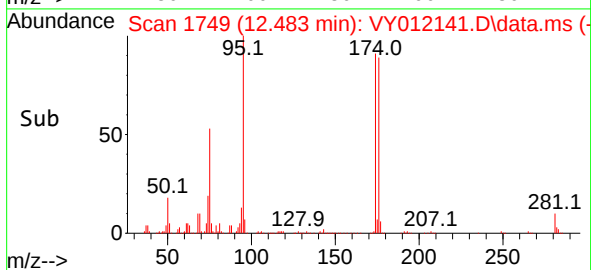
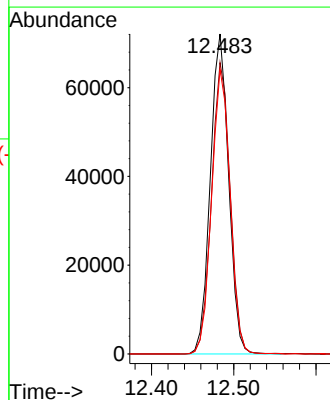
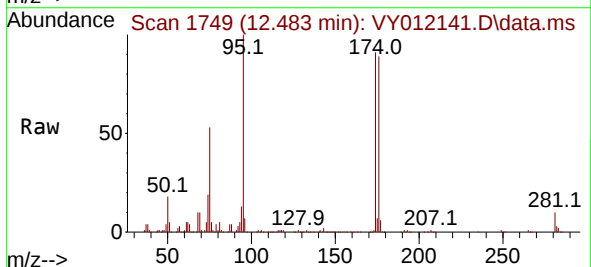
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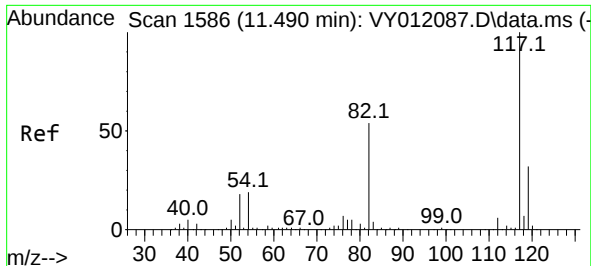
Tgt Ion: 98 Resp: 345007
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012141.D
Acq: 10 Jan 2023 14:56

Tgt Ion: 95 Resp: 111619
Ion Ratio Lower Upper
95 100
174 92.5 0.0 172.0
176 89.5 0.0 167.6

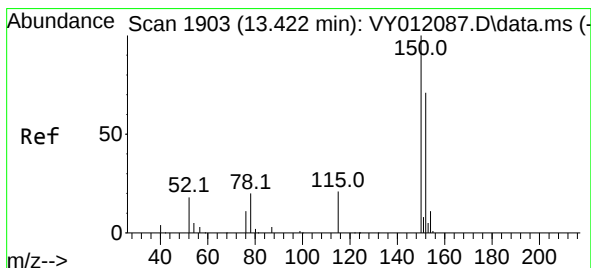
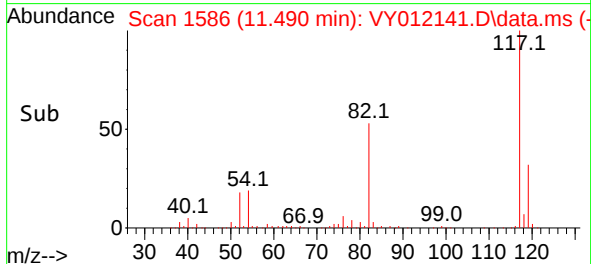
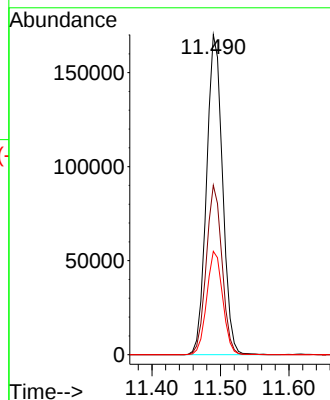
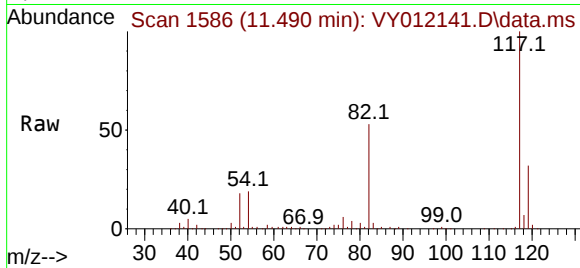




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012141.D
Acq: 10 Jan 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :
PL-3-010923

Tgt Ion:117 Resp: 276463
Ion Ratio Lower Upper
117 100
82 53.0 44.8 67.2
119 32.3 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: VY012141.D
Acq: 10 Jan 2023 14:56

Tgt Ion:152 Resp: 125920
Ion Ratio Lower Upper
152 100
115 56.2 29.1 87.3
150 155.3 0.0 342.6

