

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008938.D
 Acq On : 21 May 2022 10:36
 Operator : KP/MD
 Sample : VY0521SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBL01

Quant Time: May 21 21:27:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	161179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	261584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95636	57.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.300%
35) Dibromofluoromethane	7.716	113	88674	50.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.179	98	348919	53.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.880%
62) 4-Bromofluorobenzene	12.483	95	98012	37.564	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.120%

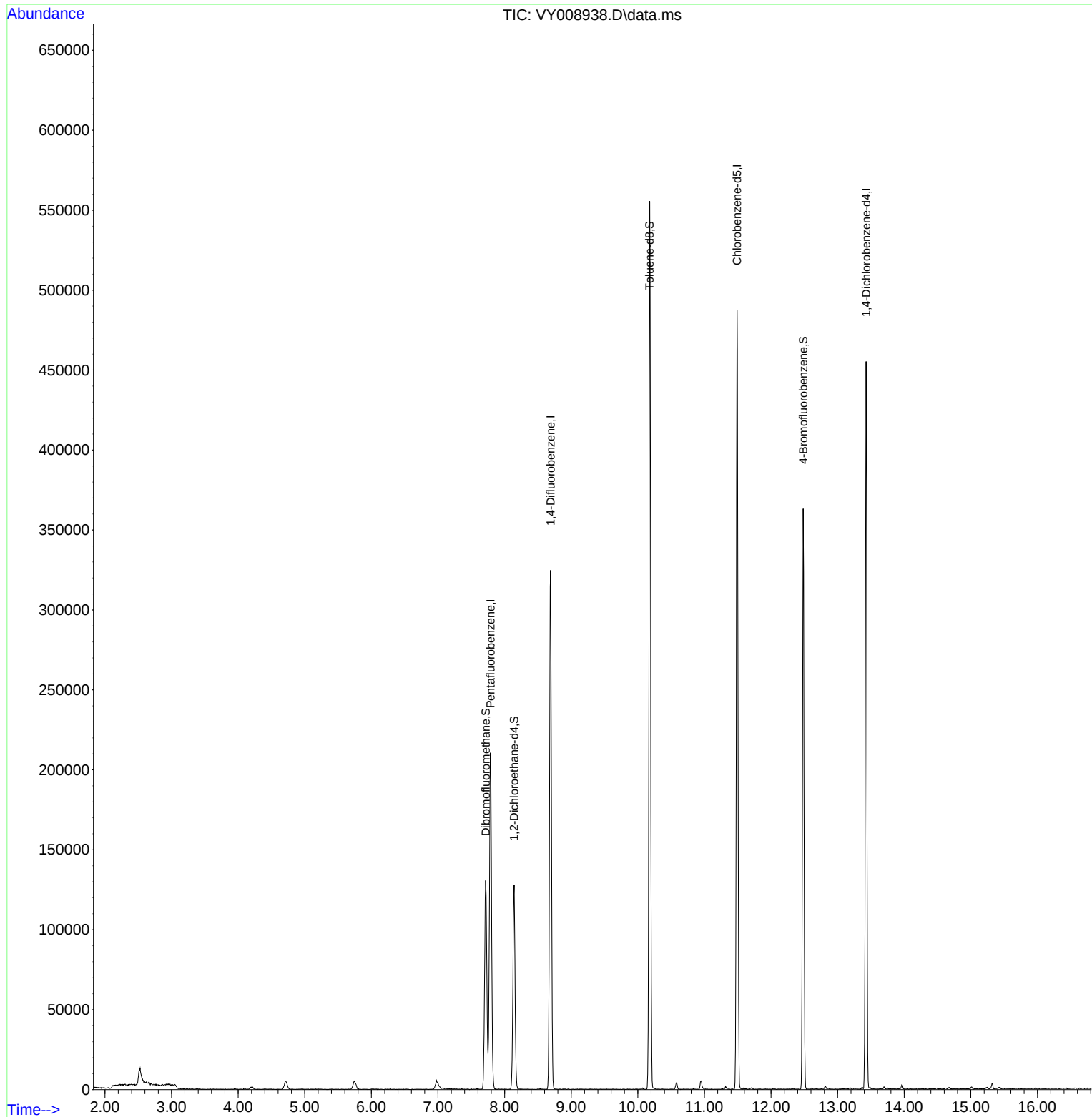
Target Compounds	Qvalue

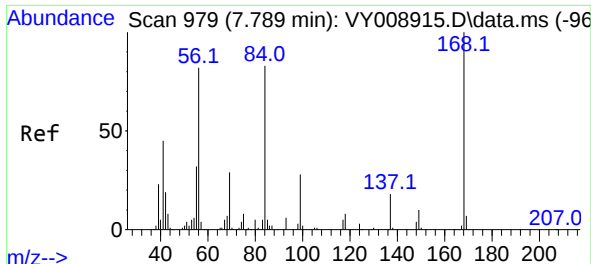
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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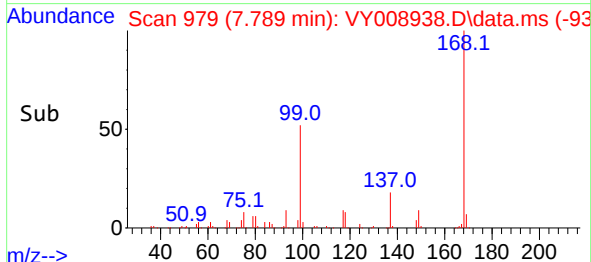
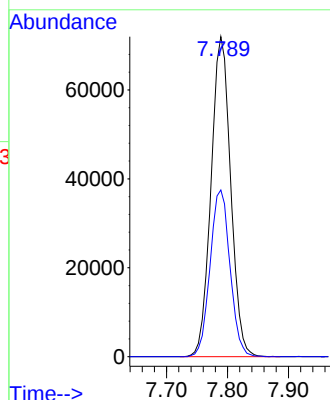
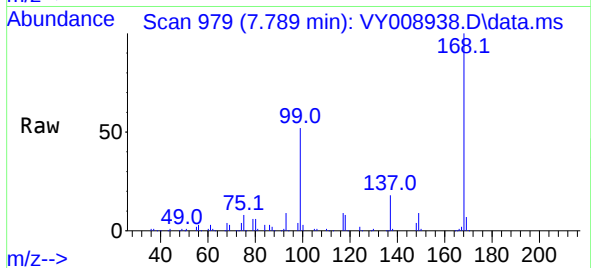




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008938.D
Acq: 21 May 2022 10:36

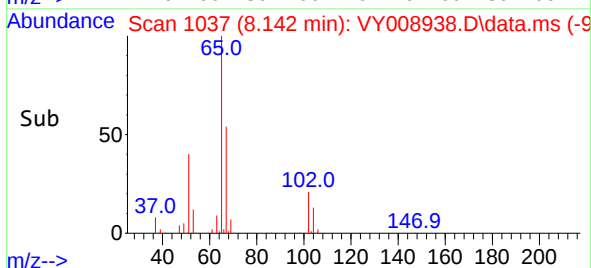
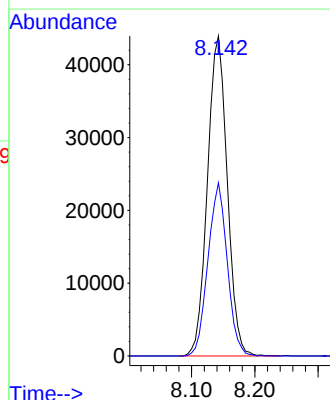
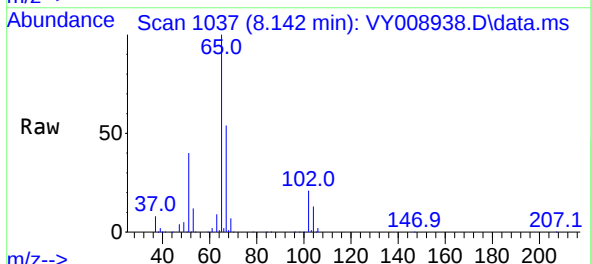
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL01

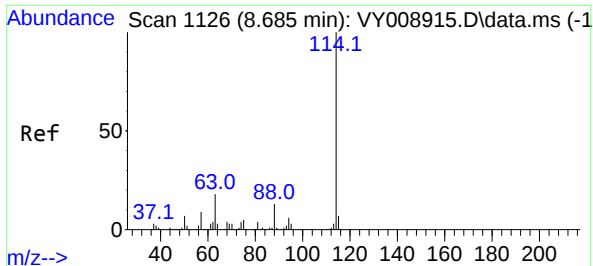
Tgt Ion:168 Resp: 161179
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.653 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY008938.D
Acq: 21 May 2022 10:36

Tgt Ion: 65 Resp: 95636
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008938.D

Acq: 21 May 2022 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBL01

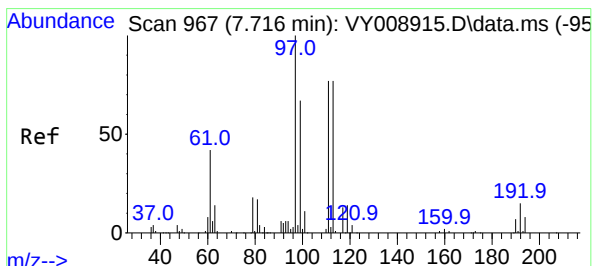
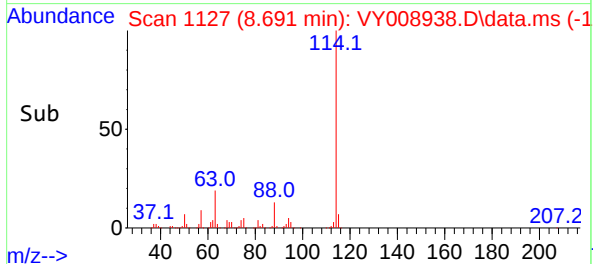
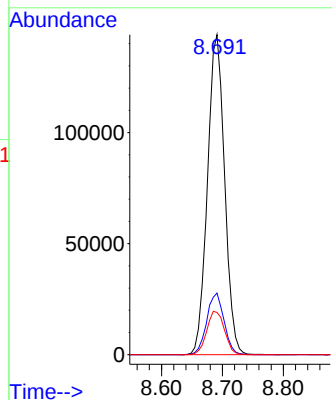
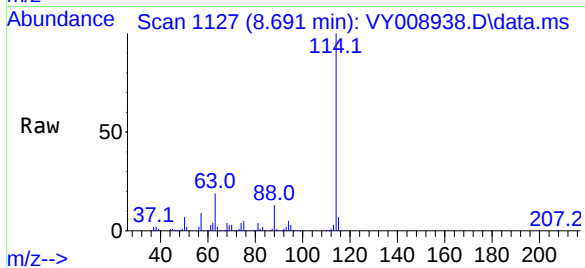
Tgt Ion:114 Resp: 281953

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.575 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008938.D

Acq: 21 May 2022 10:36

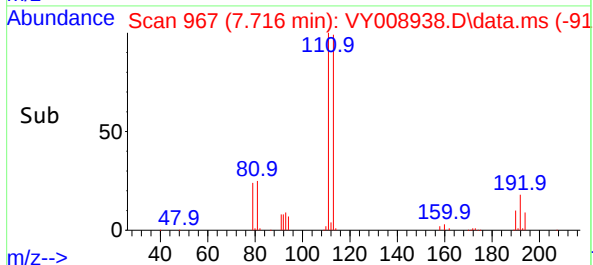
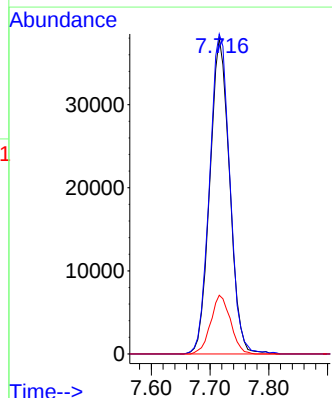
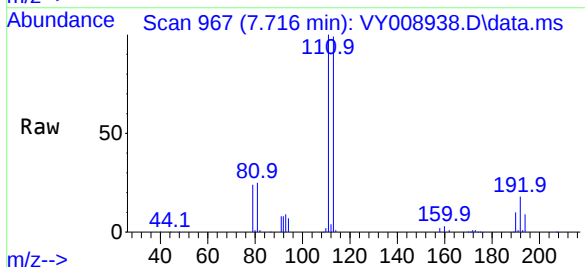
Tgt Ion:113 Resp: 88674

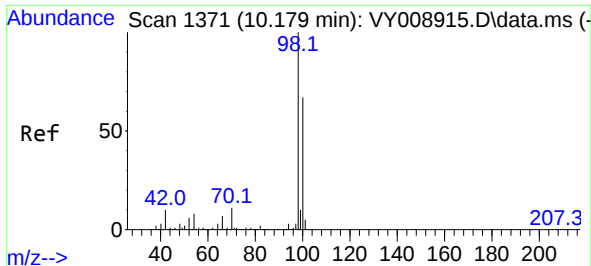
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 18.7 17.6 26.4

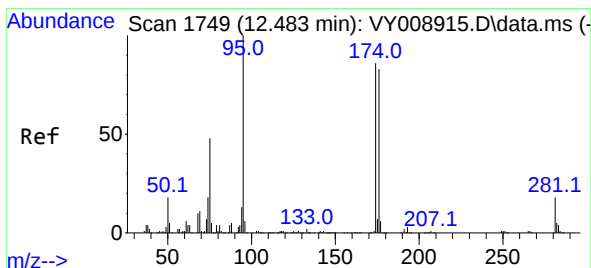
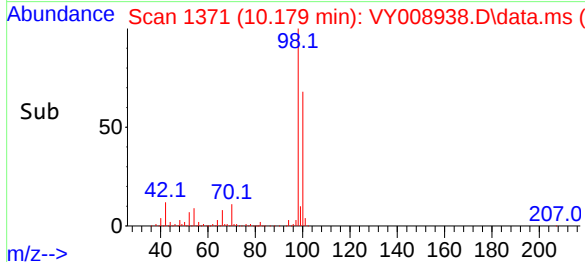
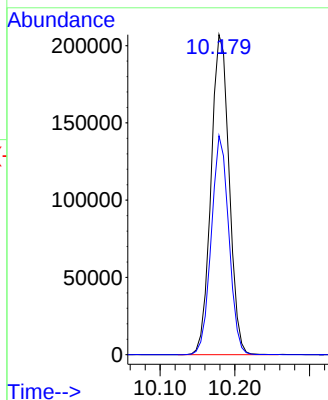
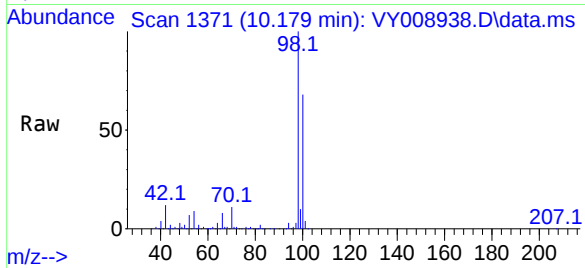




#50
Toluene-d8
Concen: 53.944 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008938.D
Acq: 21 May 2022 10:36

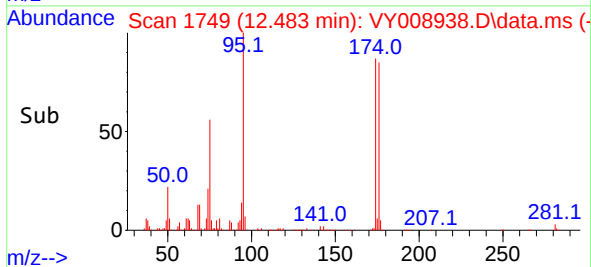
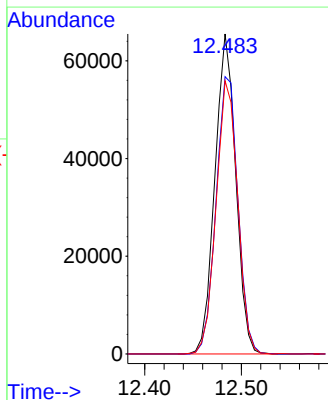
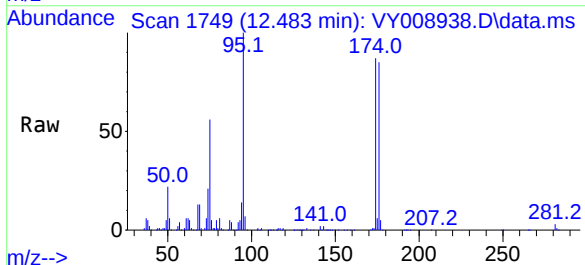
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL01

Tgt Ion: 98 Resp: 348919
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.564 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008938.D
Acq: 21 May 2022 10:36

Tgt Ion: 95 Resp: 98012
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 88.2 0.0 175.8

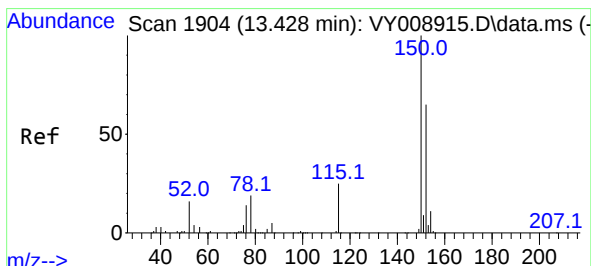
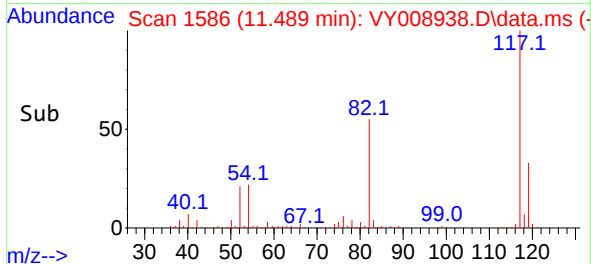
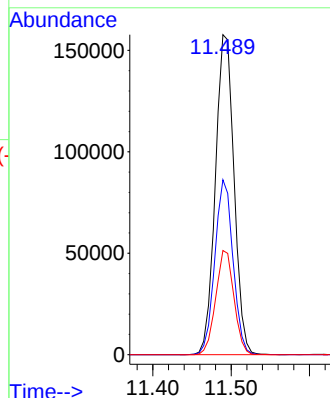
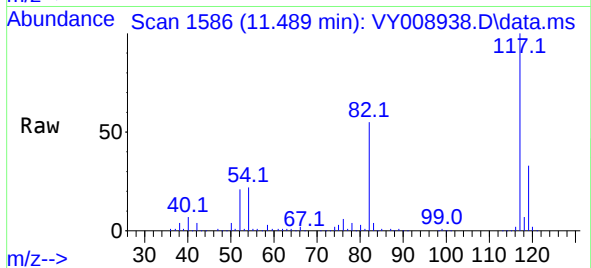




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008938.D
Acq: 21 May 2022 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL01

Tgt Ion:117 Resp: 261584
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008938.D
Acq: 21 May 2022 10:36

Tgt Ion:152 Resp: 110473
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 156.9 0.0 347.6

