

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013514.D
 Acq On : 28 Apr 2023 10:37
 Operator : KP/MD
 Sample : VY0428SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBL01

Quant Time: Apr 28 15:19:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	223149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	381013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	368095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167457	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	162541	66.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.900%
35) Dibromofluoromethane	7.716	113	132451	55.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.540%
50) Toluene-d8	10.179	98	465506	54.605	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.220%
62) 4-Bromofluorobenzene	12.483	95	149834	52.135	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.260%

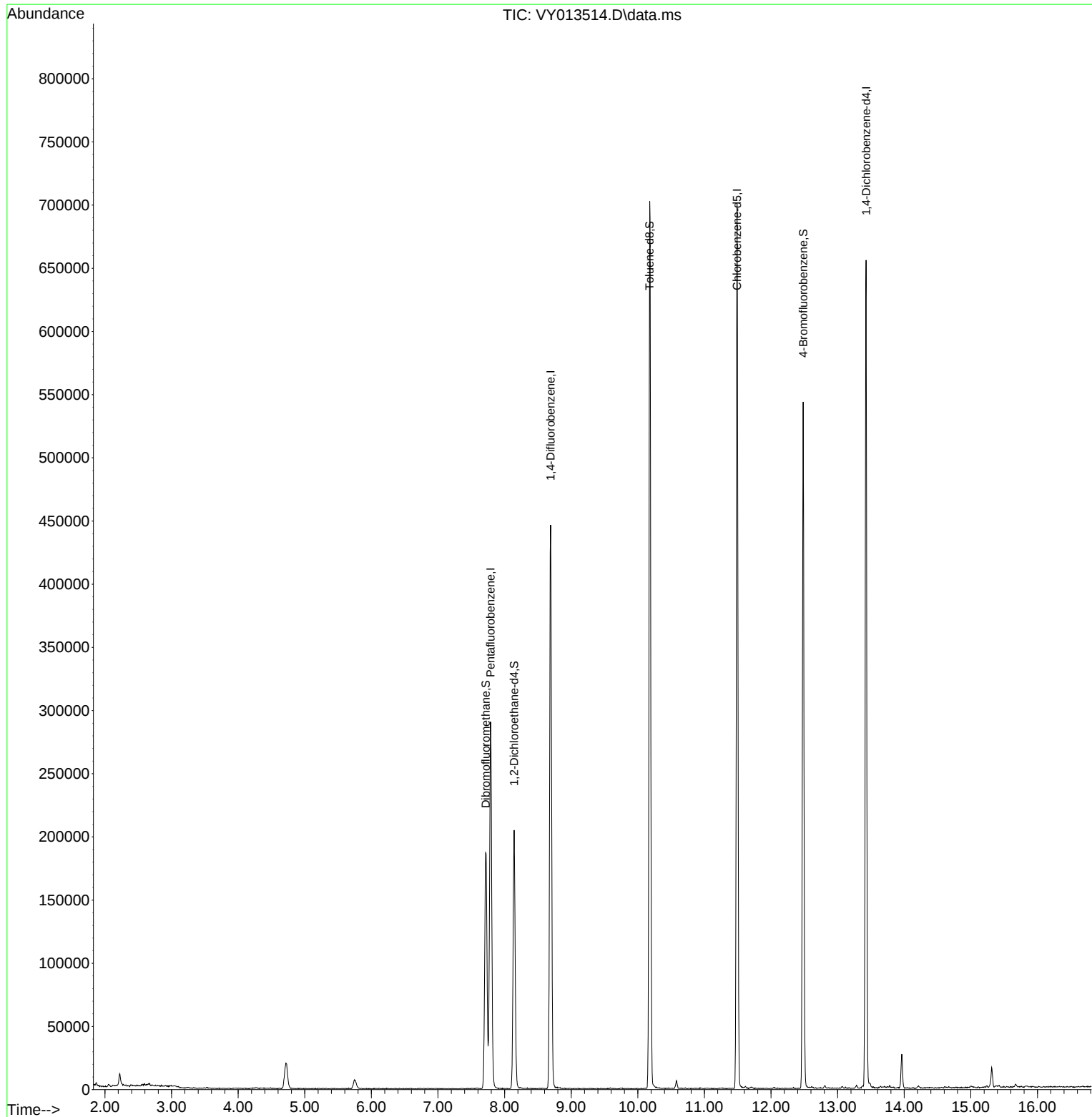
Target Compounds	Qvalue

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

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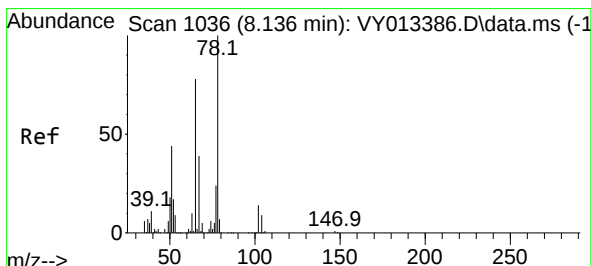
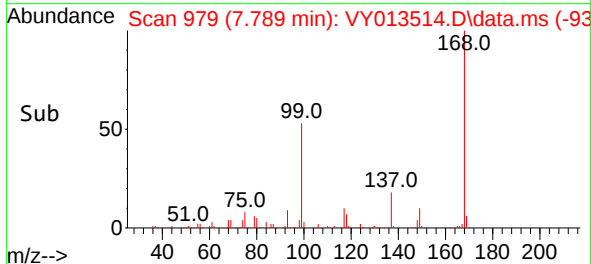
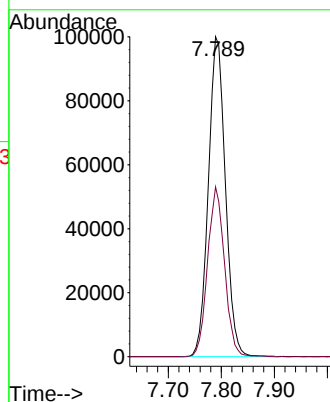
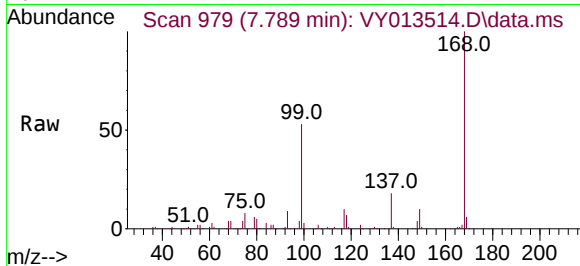




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

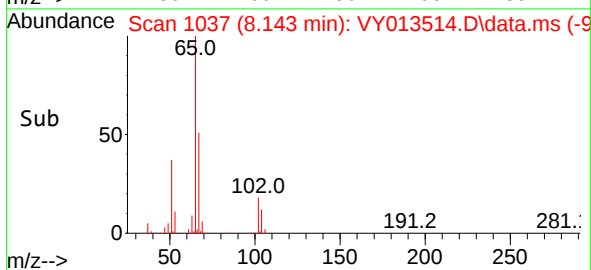
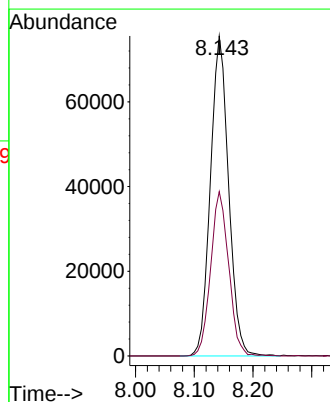
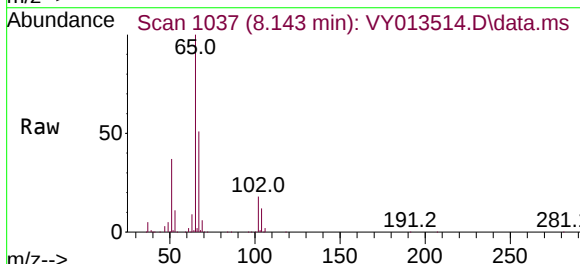
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

Tgt Ion:168 Resp: 223149
Ion Ratio Lower Upper
168 100
99 53.0 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 66.446 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

Tgt Ion: 65 Resp: 162541
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013514.D

Acq: 28 Apr 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBL01

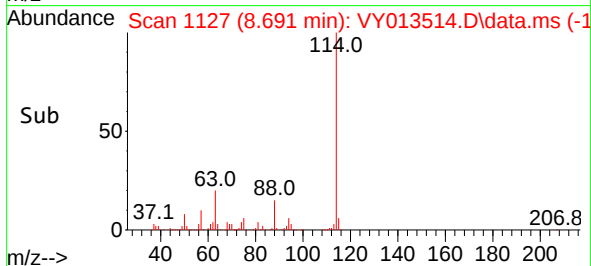
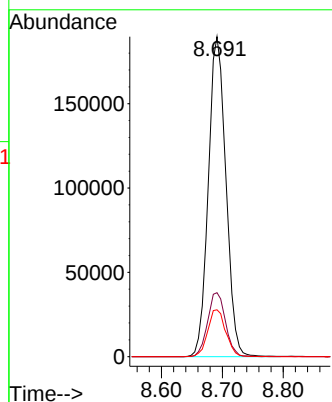
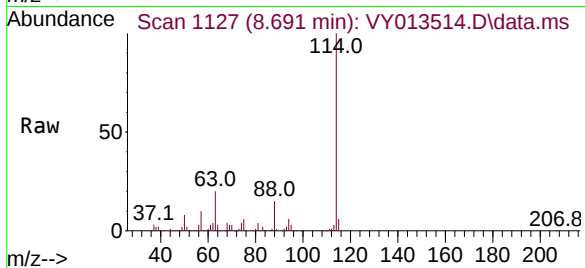
Tgt Ion:114 Resp: 381013

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.271 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013514.D

Acq: 28 Apr 2023 10:37

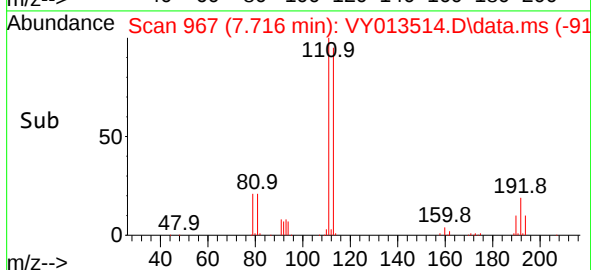
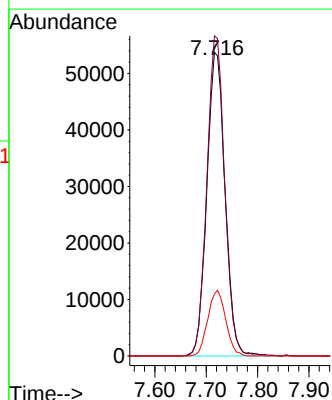
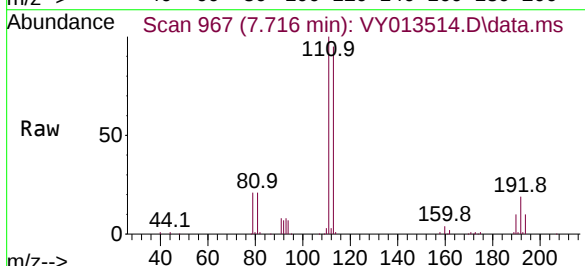
Tgt Ion:113 Resp: 132451

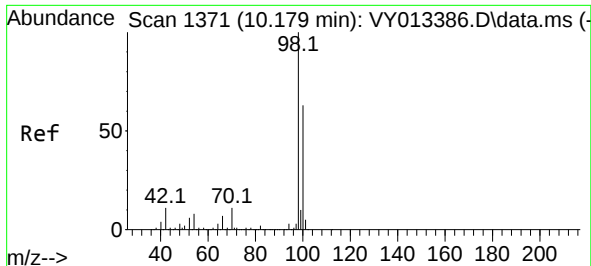
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 21.2 16.7 25.1

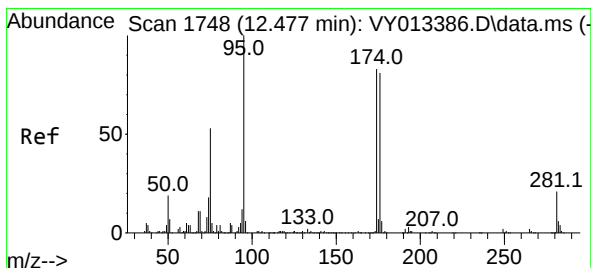
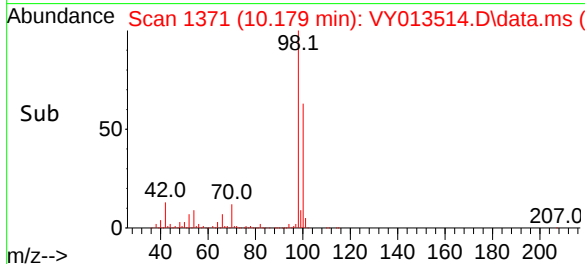
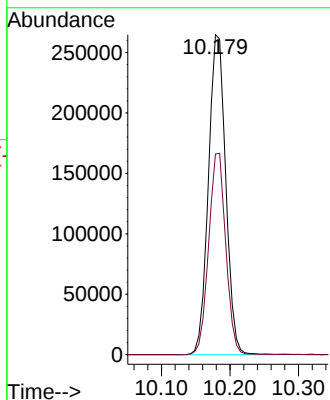
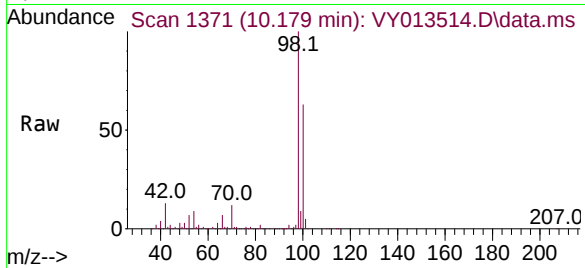




#50
Toluene-d8
Concen: 54.605 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

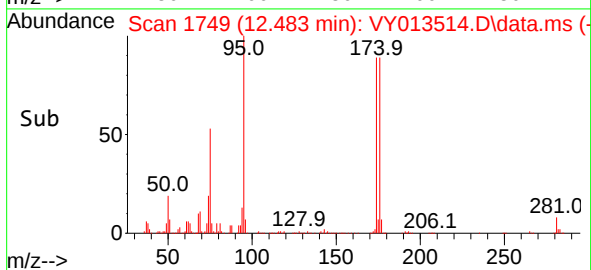
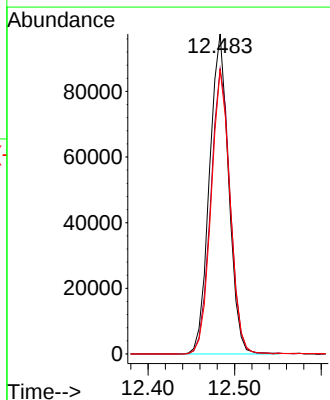
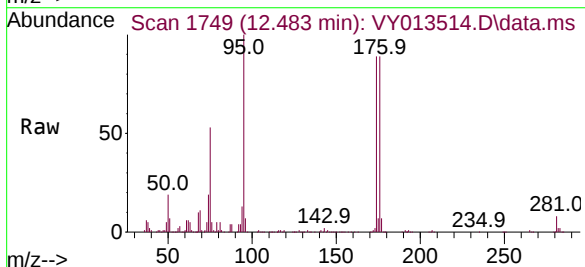
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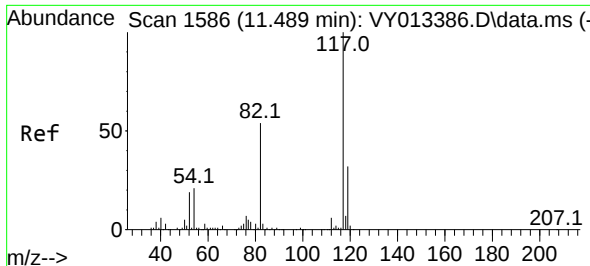
Tgt Ion: 98 Resp: 465506
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

Tgt Ion: 95 Resp: 149834
Ion Ratio Lower Upper
95 100
174 90.7 0.0 182.0
176 87.7 0.0 175.4

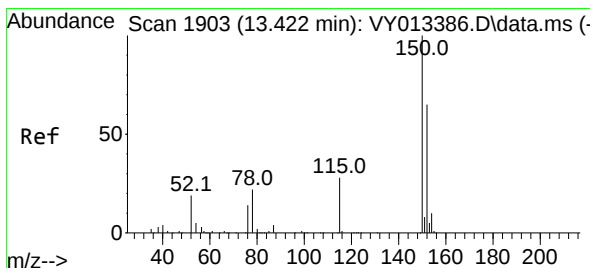
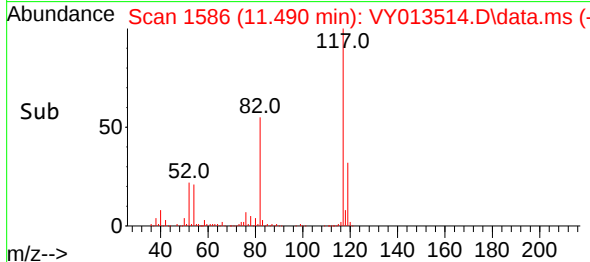
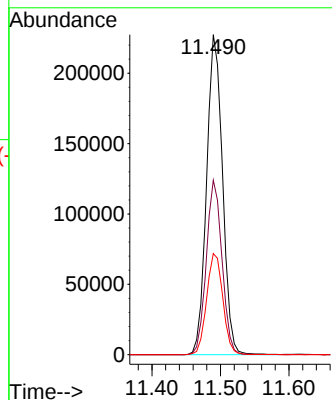
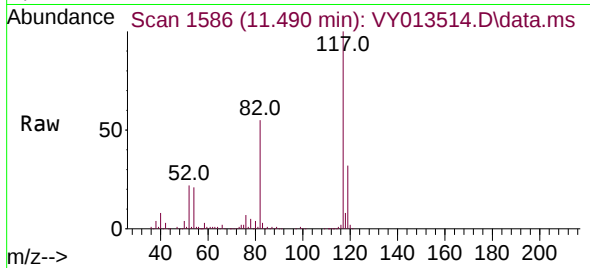




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

Tgt Ion:117 Resp: 368095
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.6
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

Tgt Ion:152 Resp: 167457
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.2
150 157.4 0.0 352.0

