

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019218.D
 Acq On : 22 Aug 2024 14:20
 Operator : SY/MD
 Sample : P3698-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-8-21-2024

Quant Time: Aug 23 01:52:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	12337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	18748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	13074	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	3410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	5838	47.207	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.420%
35) Dibromofluoromethane	7.622	113	6117	49.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.103	98	19432	44.049	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.100%
62) 4-Bromofluorobenzene	12.408	95	3893	25.887	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	51.780%

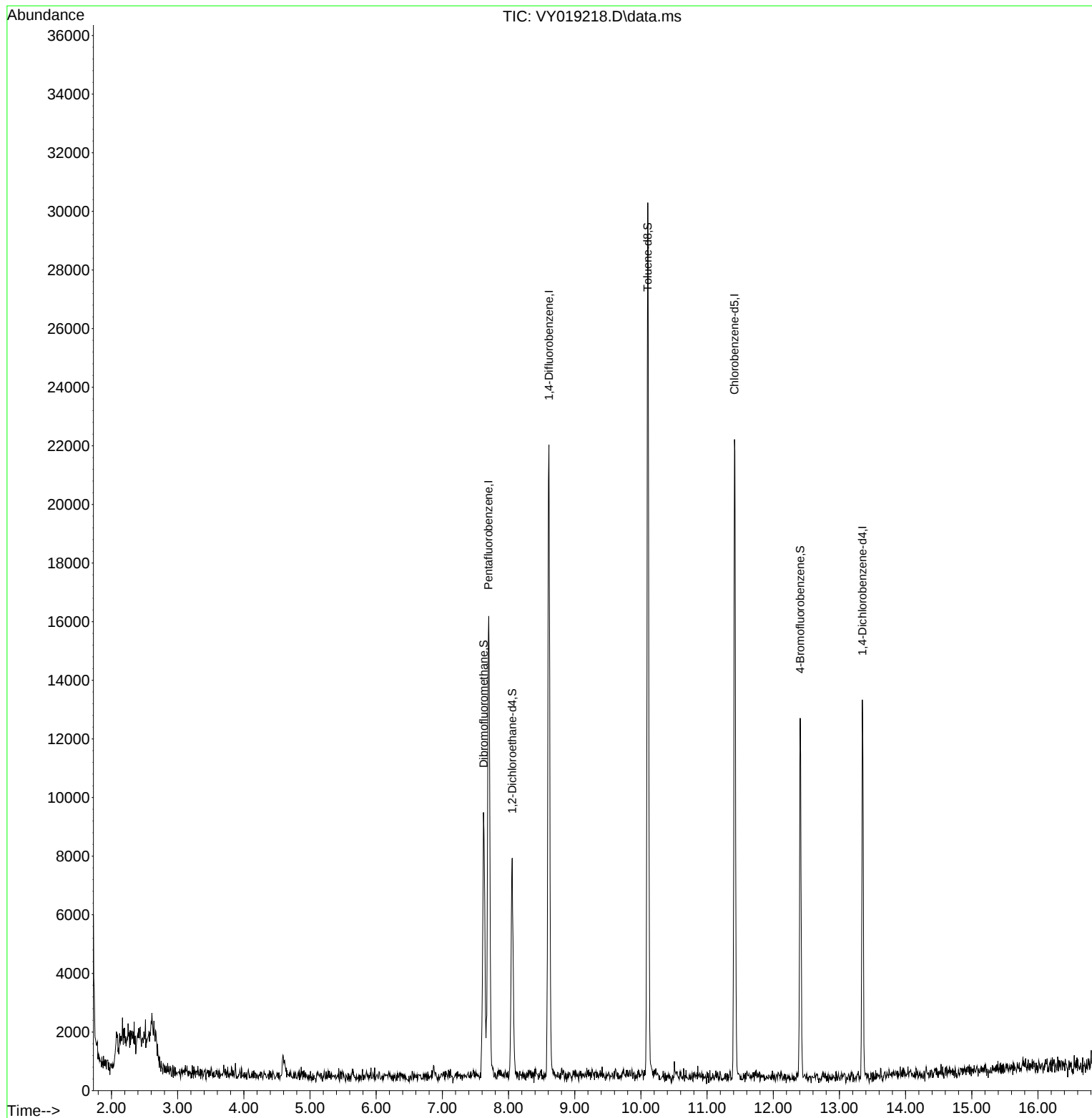
Target Compounds	Qvalue

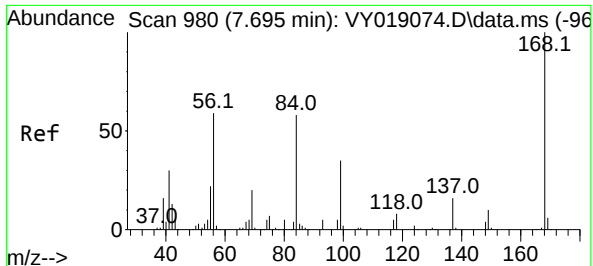
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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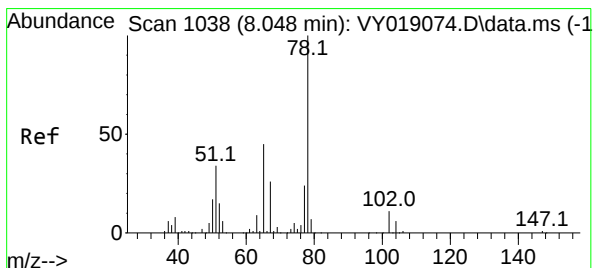
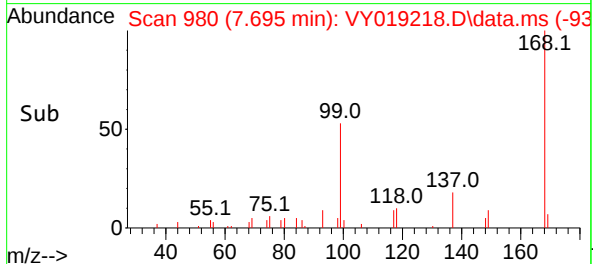
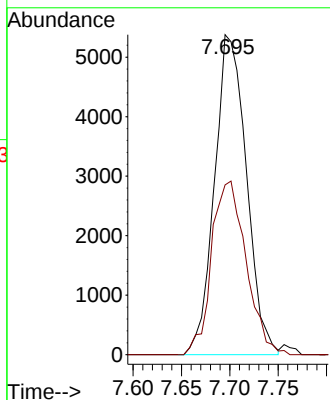
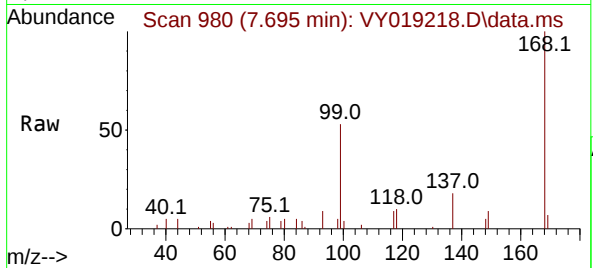




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

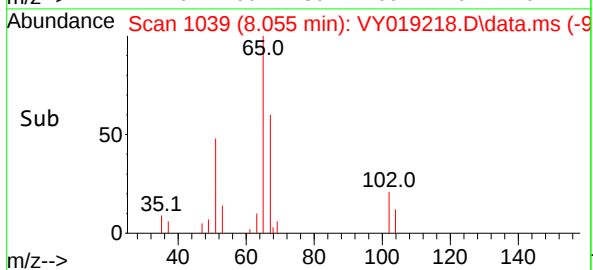
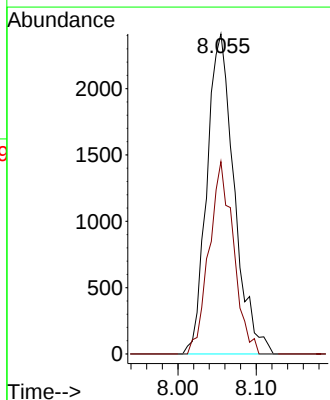
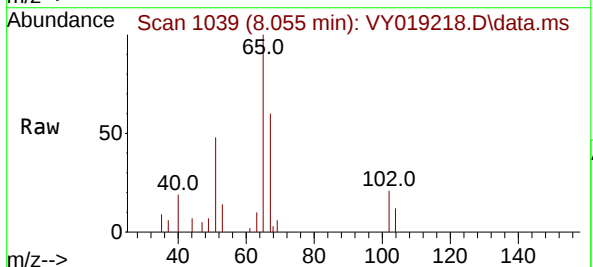
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-8-21-2024

Tgt Ion:168 Resp: 12337
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.207 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Tgt Ion: 65 Resp: 5838
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019218.D

Acq: 22 Aug 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-8-21-2024

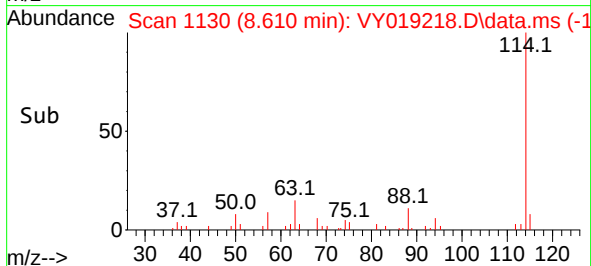
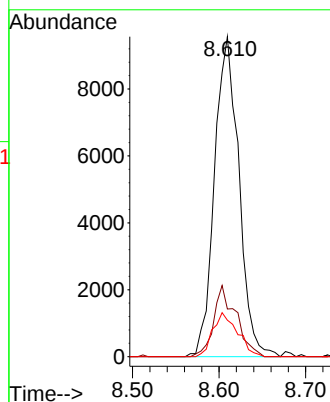
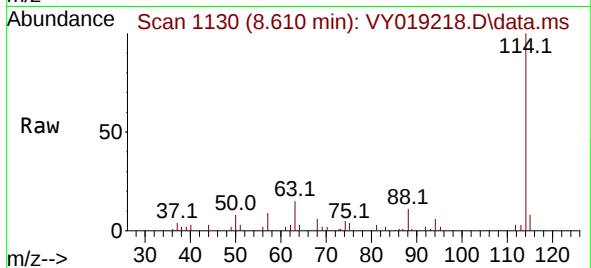
Tgt Ion:114 Resp: 18748

Ion Ratio Lower Upper

114 100

63 14.9 0.0 35.0

88 11.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.900 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019218.D

Acq: 22 Aug 2024 14:20

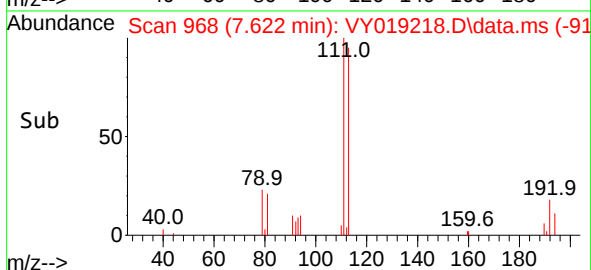
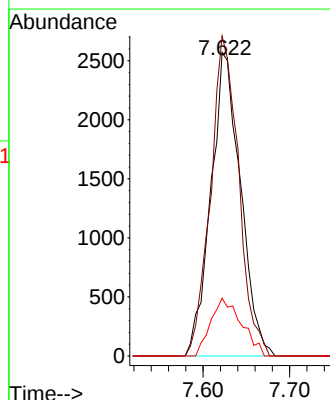
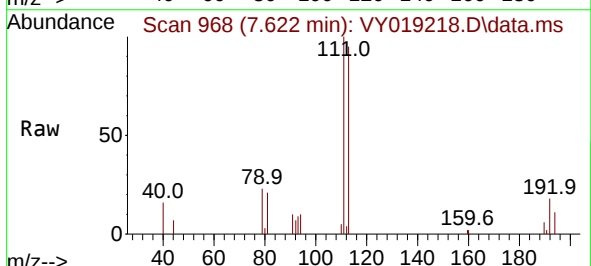
Tgt Ion:113 Resp: 6117

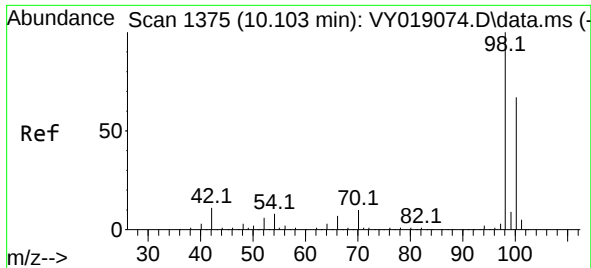
Ion Ratio Lower Upper

113 100

111 99.8 82.2 123.4

192 19.8 15.9 23.9

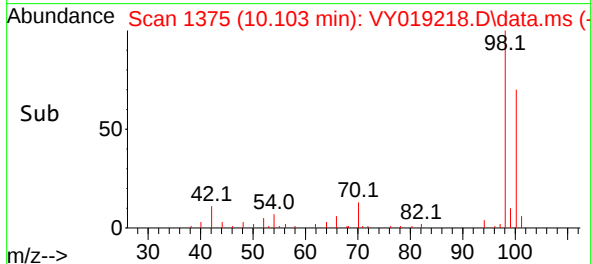
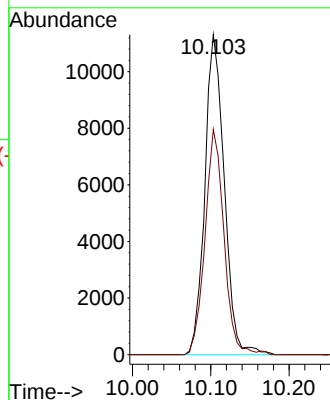
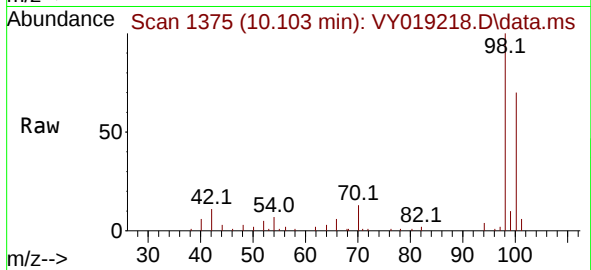




#50
Toluene-d8
Concen: 44.049 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

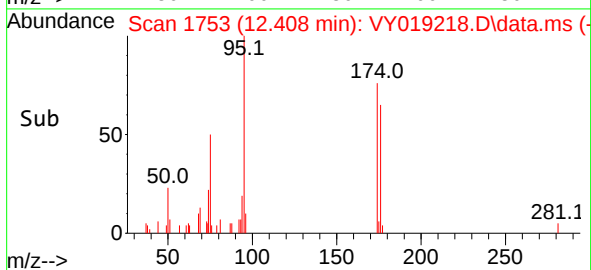
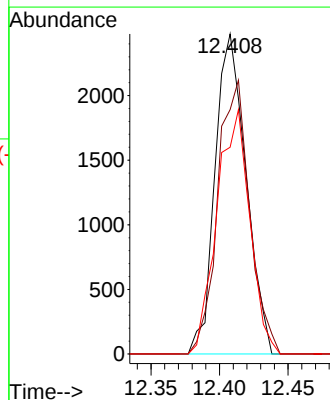
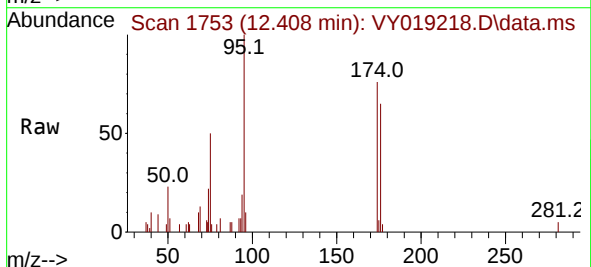
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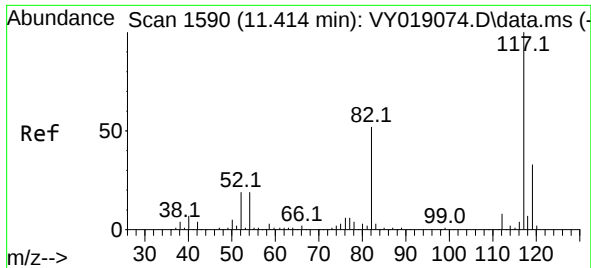
Tgt Ion: 98 Resp: 19432
Ion Ratio Lower Upper
98 100
100 69.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 25.887 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Tgt Ion: 95 Resp: 3893
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 81.0 0.0 171.4

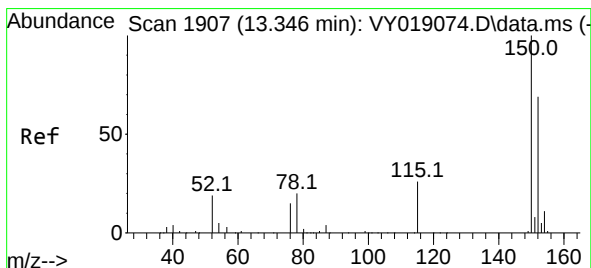
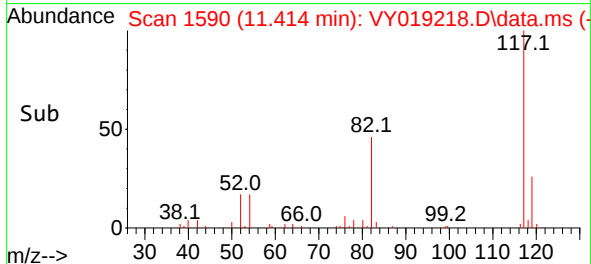
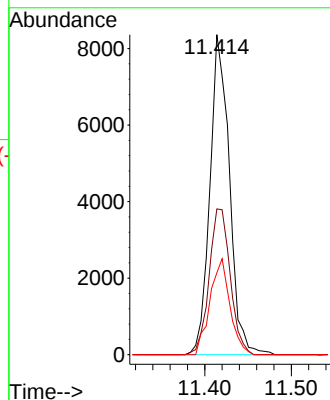
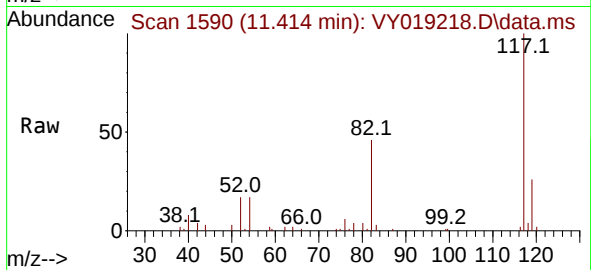




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-8-21-2024

Tgt Ion:117 Resp: 13074
Ion Ratio Lower Upper
117 100
82 45.6 42.4 63.6
119 25.6 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019218.D
Acq: 22 Aug 2024 14:20

Tgt Ion:152 Resp: 3410
Ion Ratio Lower Upper
152 100
115 45.6 28.2 84.7
150 136.3 0.0 345.6

