

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074951.D
 Acq On : 16 Nov 2022 16:20
 Operator : VA/SY
 Sample : N5642-06
 Misc : 6.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RIGHT-SIDE-FLATS-26

Quant Time: Nov 17 00:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	132127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	240017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	222766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	91542	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	67242	80.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.340%
35) Dibromofluoromethane	7.810	113	81475	55.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.269	98	293374	60.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.400%
62) 4-Bromofluorobenzene	12.575	95	82933	55.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.840%

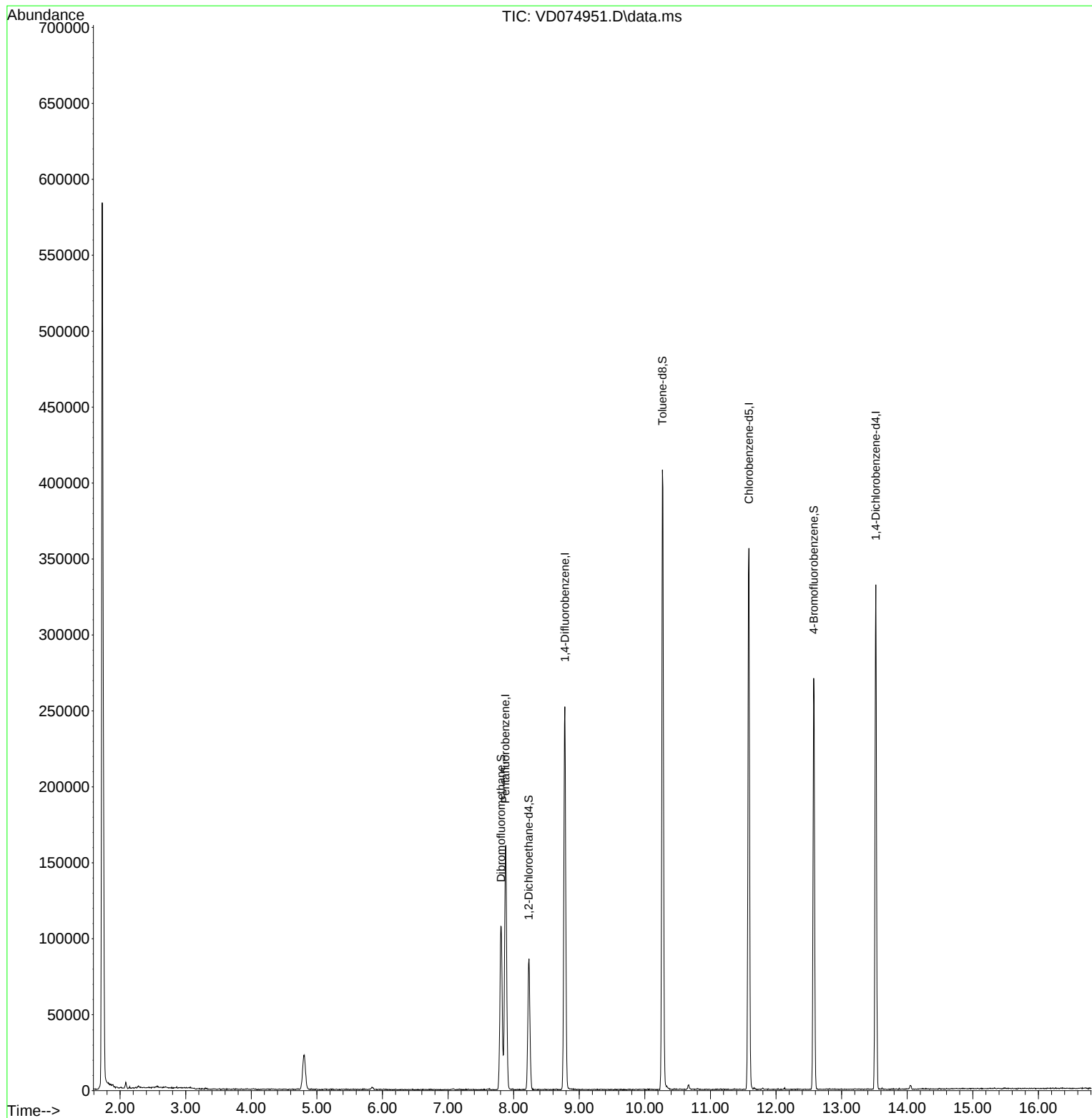
Target Compounds	Qvalue

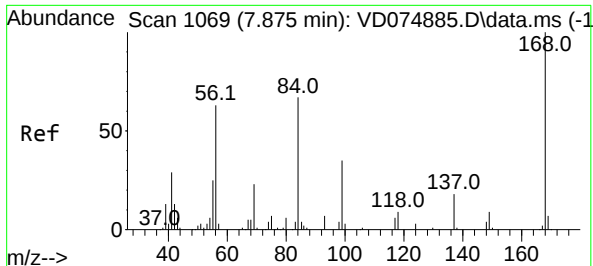
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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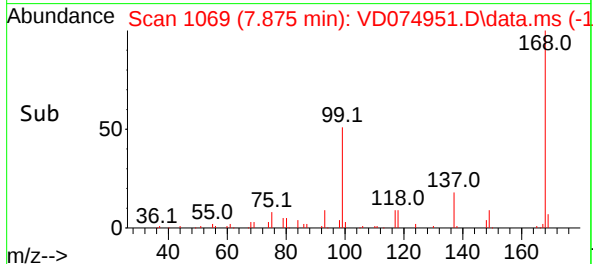
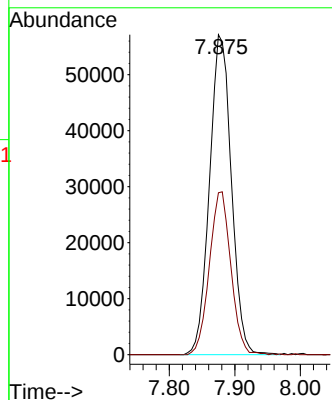
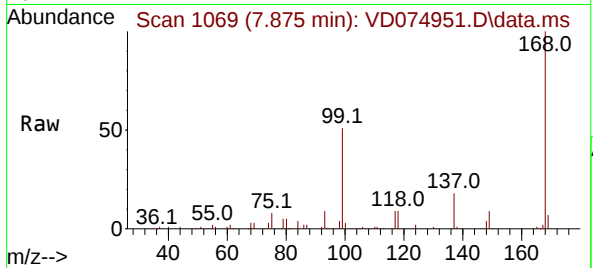




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

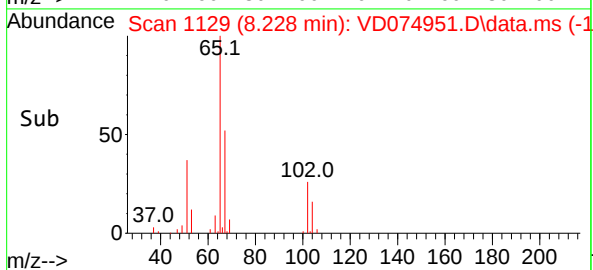
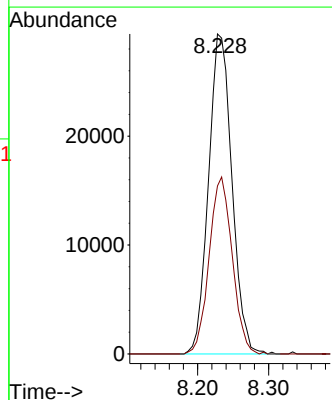
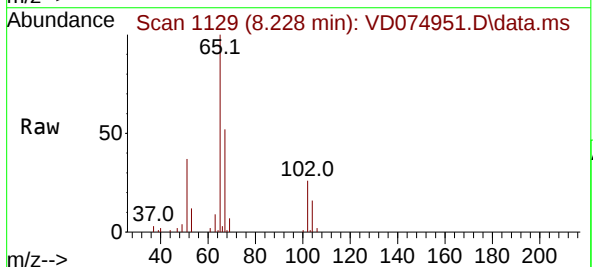
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-26

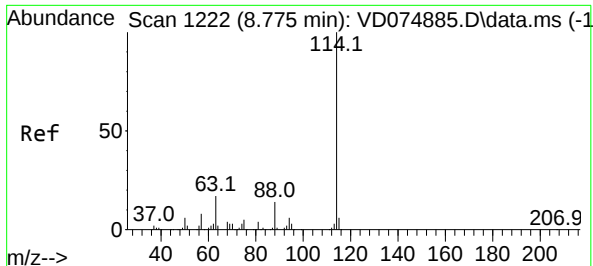
Tgt Ion:168 Resp: 132127
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 80.166 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

Tgt Ion: 65 Resp: 67242
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074951.D

Acq: 16 Nov 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

RIGHT-SIDE-FLATS-26

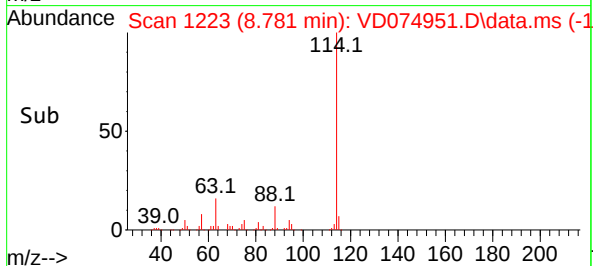
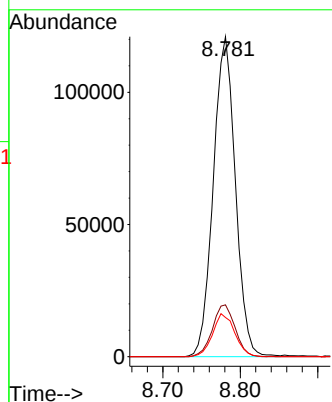
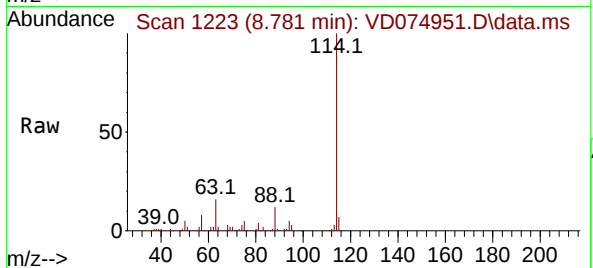
Tgt Ion:114 Resp: 240017

Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.2

88 12.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.068 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074951.D

Acq: 16 Nov 2022 16:20

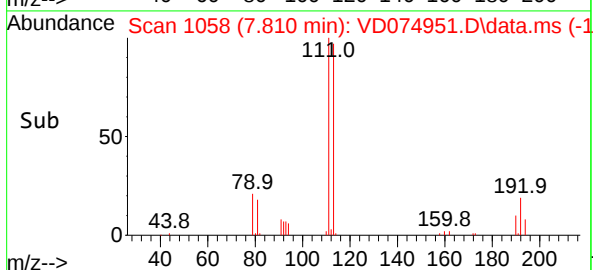
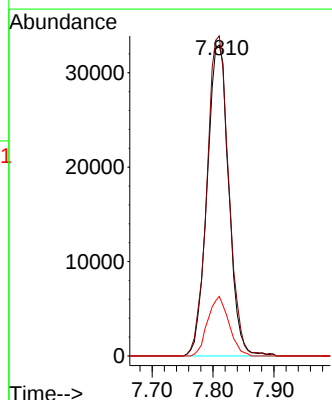
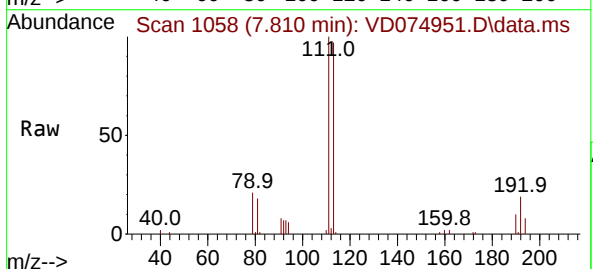
Tgt Ion:113 Resp: 81475

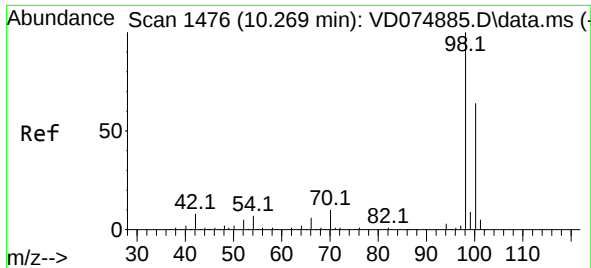
Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

192 18.7 16.4 24.6

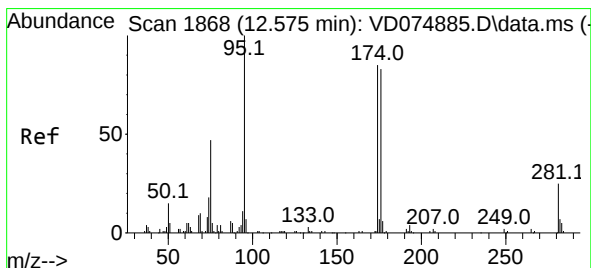
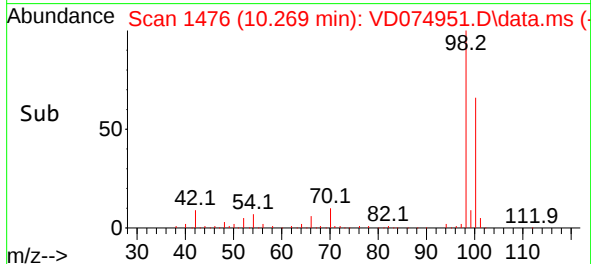
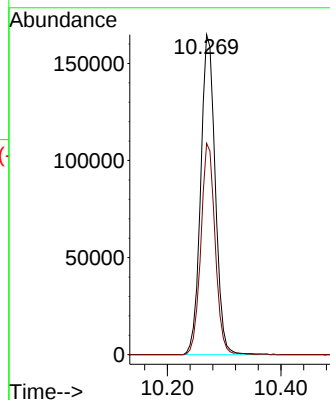
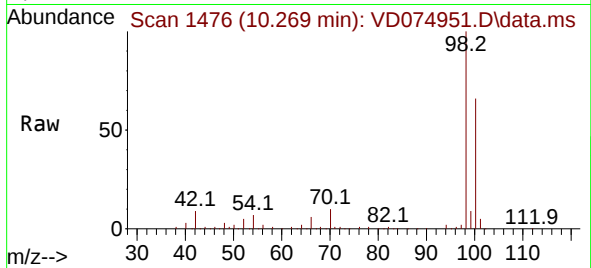




#50
Toluene-d8
Concen: 60.196 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

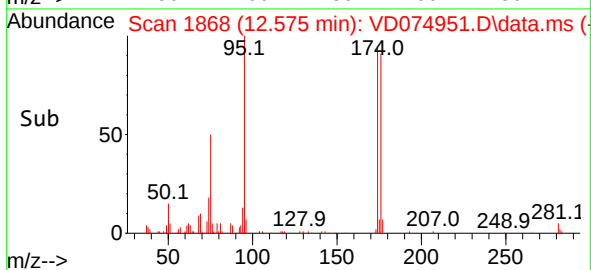
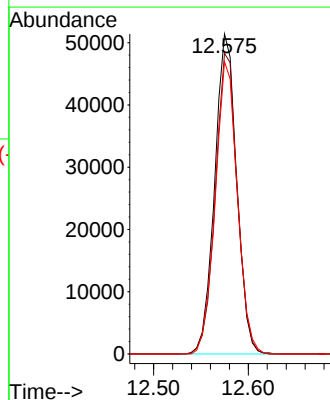
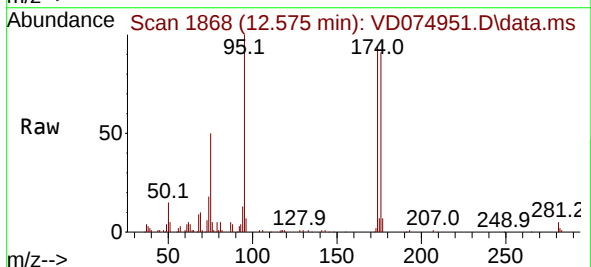
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Tgt Ion: 98 Resp: 293374
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 55.417 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

Tgt Ion: 95 Resp: 82933
Ion Ratio Lower Upper
95 100
174 93.6 0.0 197.0
176 91.8 0.0 182.6

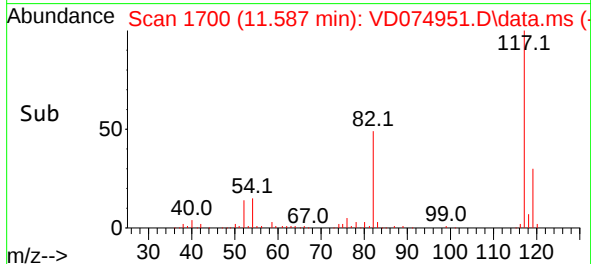
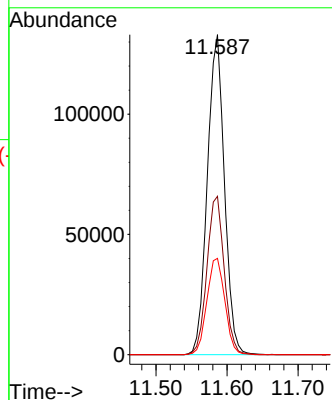
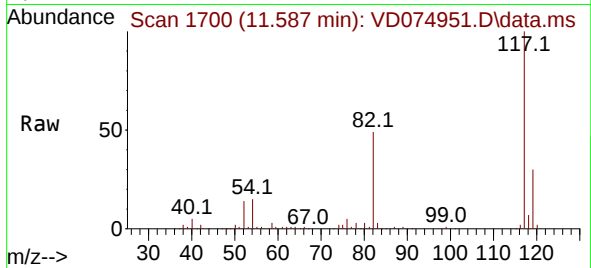




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-26

Tgt Ion:117 Resp: 222766
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 30.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074951.D
Acq: 16 Nov 2022 16:20

Tgt Ion:152 Resp: 91542
Ion Ratio Lower Upper
152 100
115 55.2 26.8 80.4
150 160.9 0.0 348.2

