

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072414.D
 Acq On : 24 Mar 2022 18:15
 Operator : VA/SY
 Sample : N2094-06RE
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(Q4)RE

Quant Time: Mar 25 02:57:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	328032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	563842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	547793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	131129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165754	45.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.680%
35) Dibromofluoromethane	7.914	113	177421	44.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.440%
50) Toluene-d8	10.338	98	663151	45.708	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.626	95	239287	42.447	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.900%

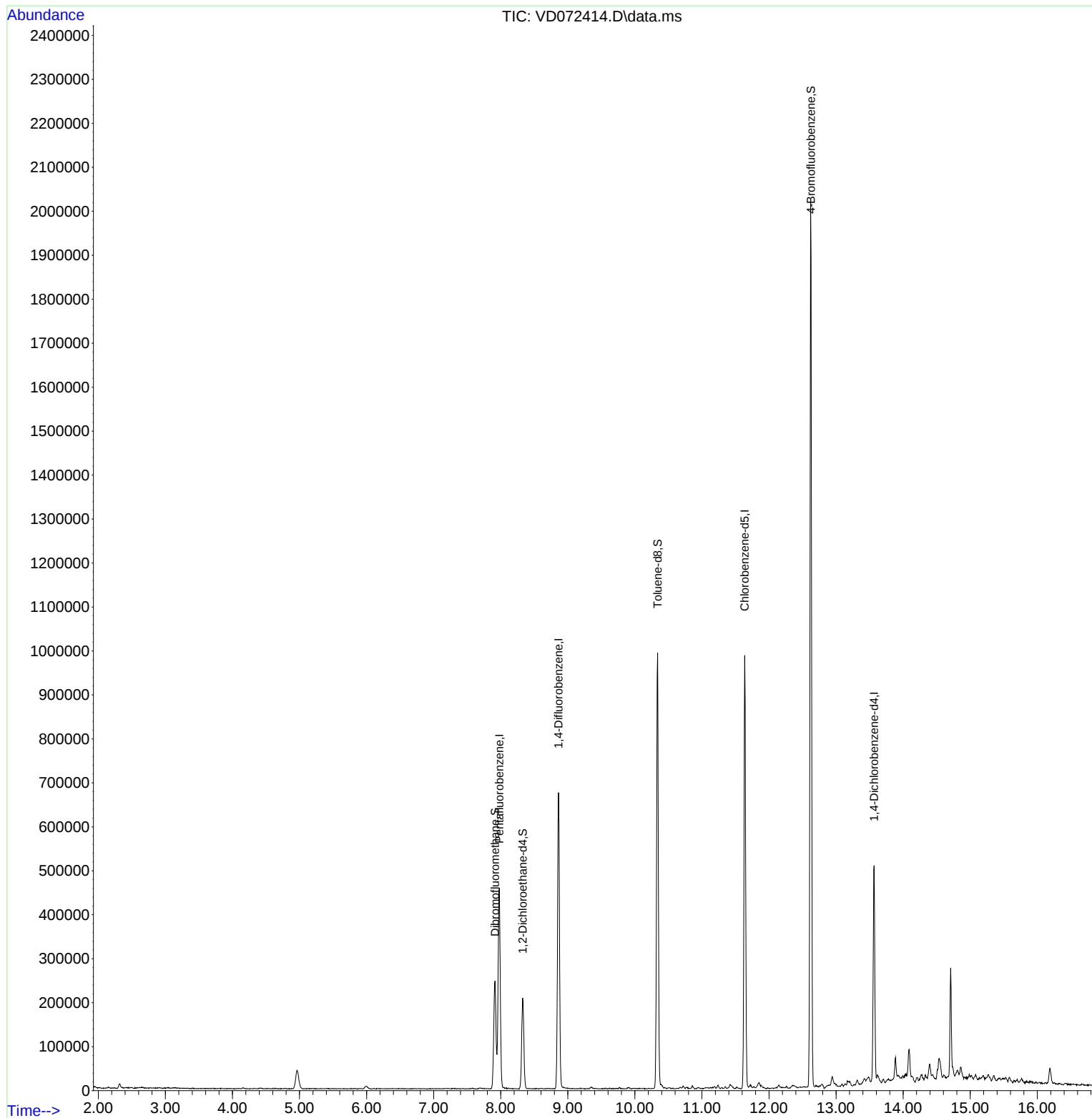
Target Compounds	Qvalue

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072414.D

Acq: 24 Mar 2022 18:15

Instrument :

MSVOA_D

ClientSampleId :

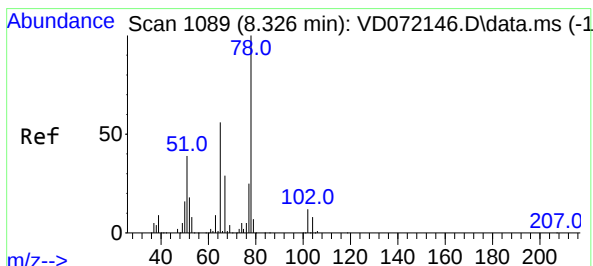
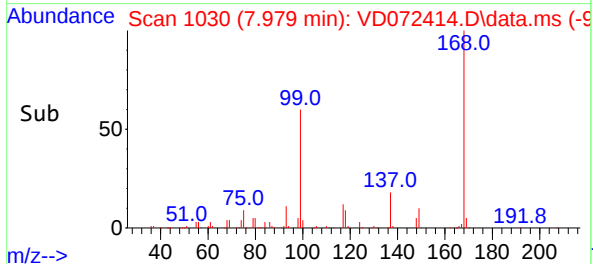
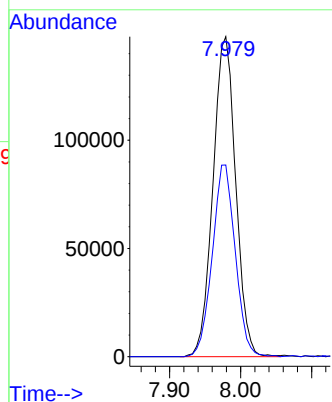
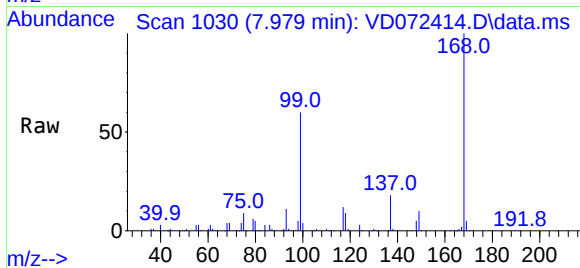
WC-2-(Q4)RE

Tgt Ion:168 Resp: 328032

Ion Ratio Lower Upper

168 100

99 59.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 45.341 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072414.D

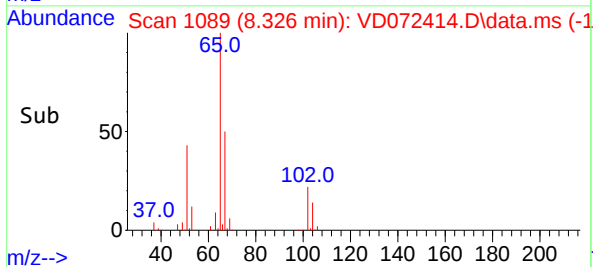
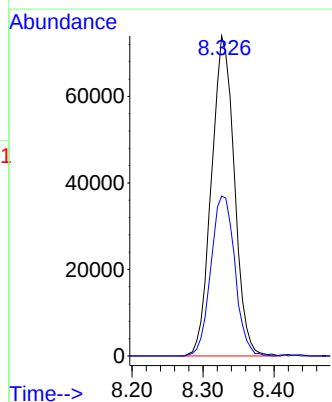
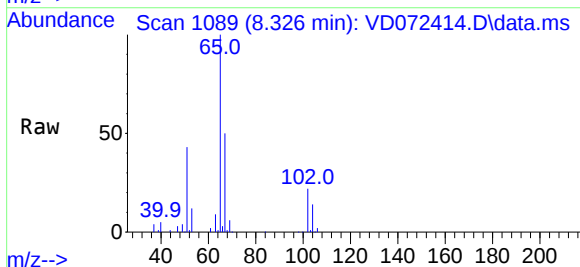
Acq: 24 Mar 2022 18:15

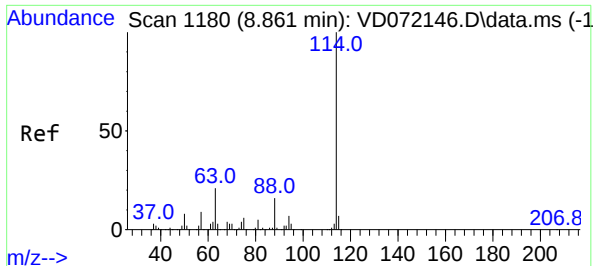
Tgt Ion: 65 Resp: 165754

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072414.D

Acq: 24 Mar 2022 18:15

Instrument :

MSVOA_D

ClientSampleId :

WC-2-(Q4)RE

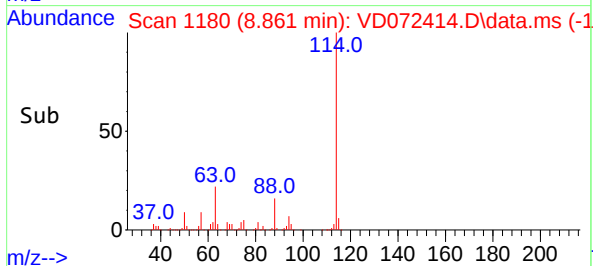
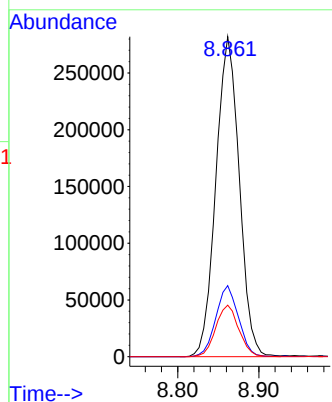
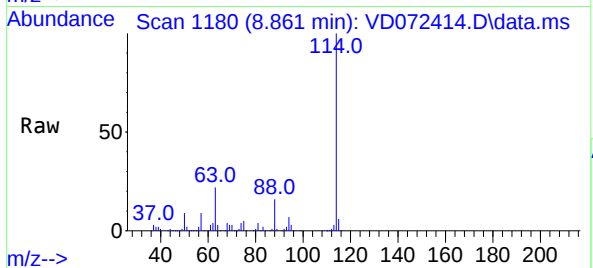
Tgt Ion:114 Resp: 563842

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.715 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072414.D

Acq: 24 Mar 2022 18:15

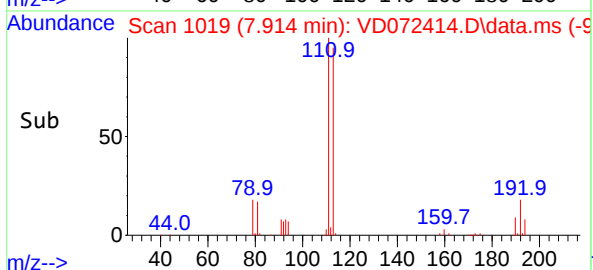
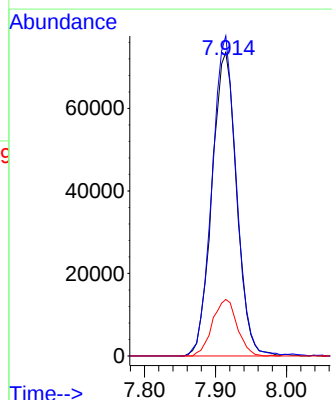
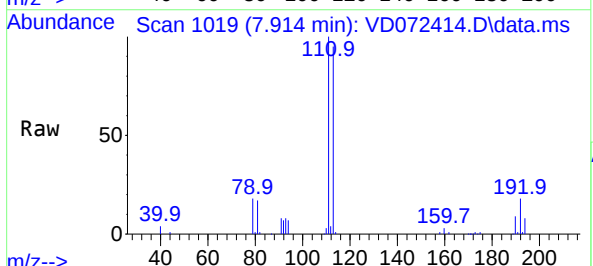
Tgt Ion:113 Resp: 177421

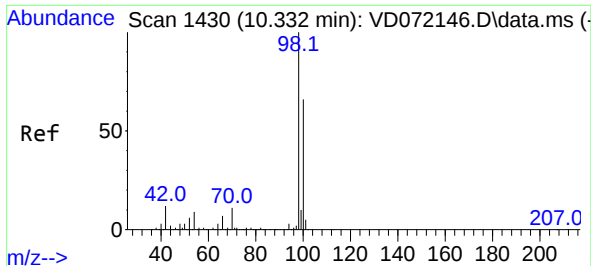
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.6 14.6 21.8

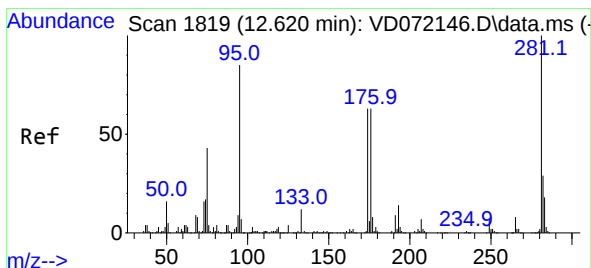
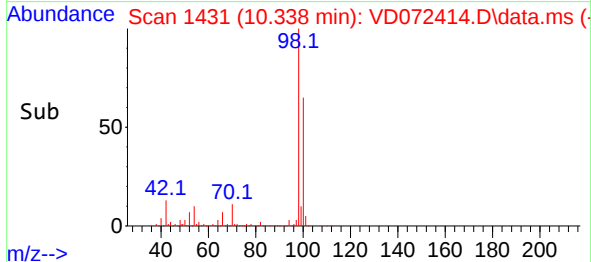
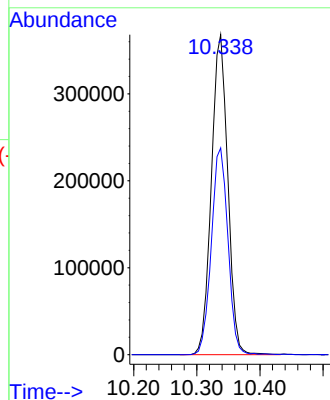
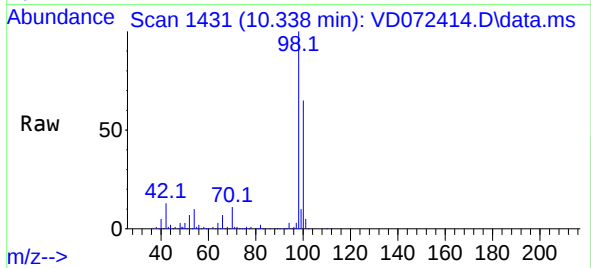




#50
Toluene-d8
Concen: 45.708 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

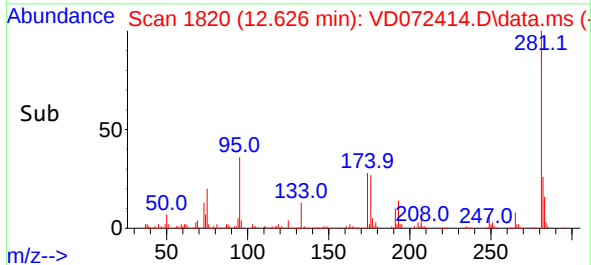
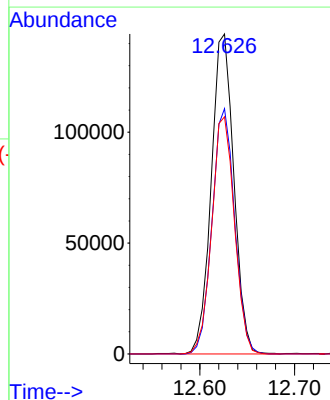
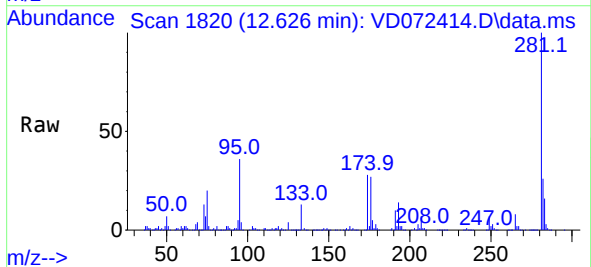
Instrument :
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WC-2-(Q4)RE

Tgt Ion: 98 Resp: 663151
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.447 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Tgt Ion: 95 Resp: 239287
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 74.5 0.0 145.4

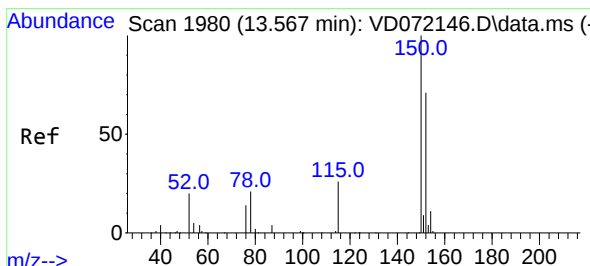
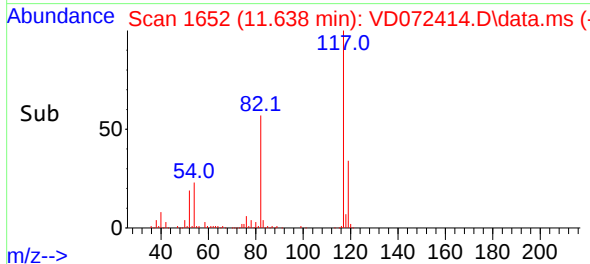
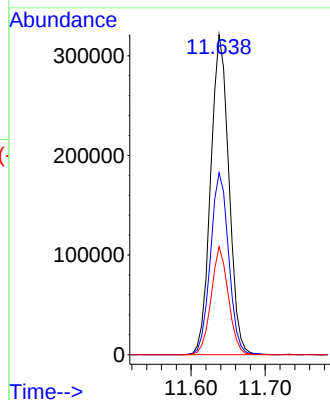
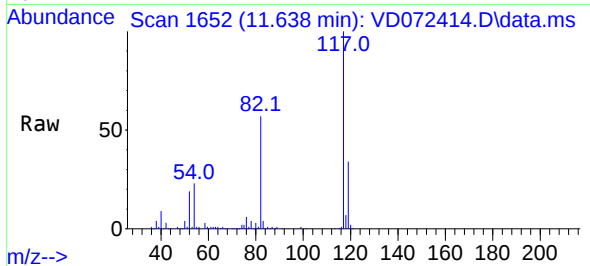




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q4)RE

Tgt Ion:117 Resp: 547793
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 33.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072414.D
Acq: 24 Mar 2022 18:15

Tgt Ion:152 Resp: 131129
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 157.8 0.0 348.6

