

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072205.D
 Acq On : 15 Mar 2022 23:51
 Operator : VA/SY
 Sample : VD0315SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBL02

Quant Time: Mar 16 01:05:30 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	655678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1108439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1135238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	555749	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	301583	41.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.540%
35) Dibromofluoromethane	7.914	113	329104	42.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.380%
50) Toluene-d8	10.332	98	1367646	47.952	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.620	95	553059	49.906	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.820%

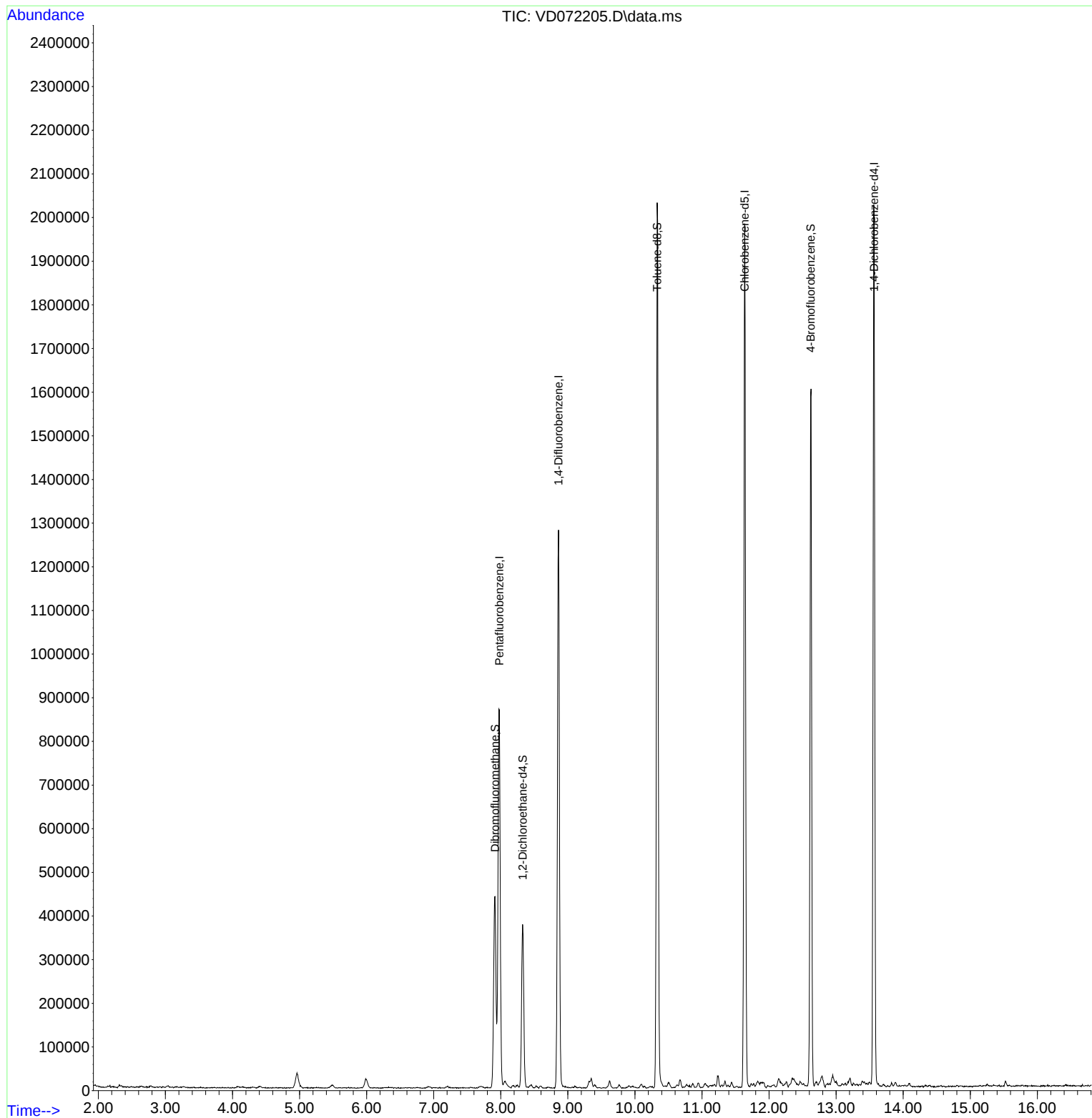
Target Compounds	Qvalue

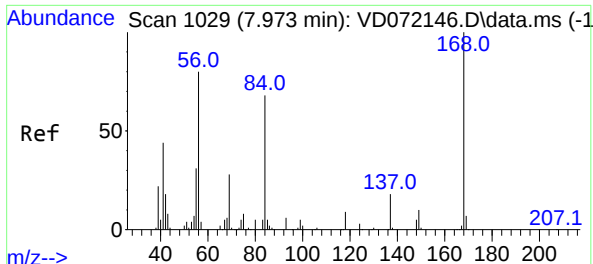
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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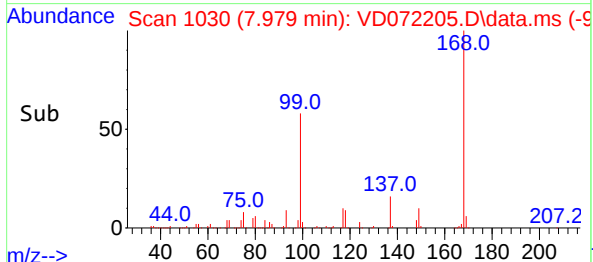
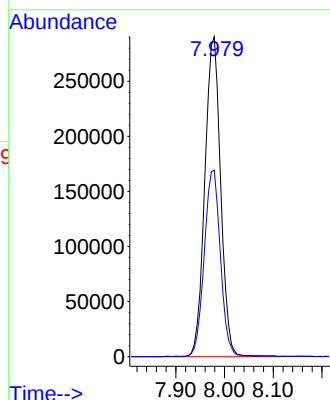
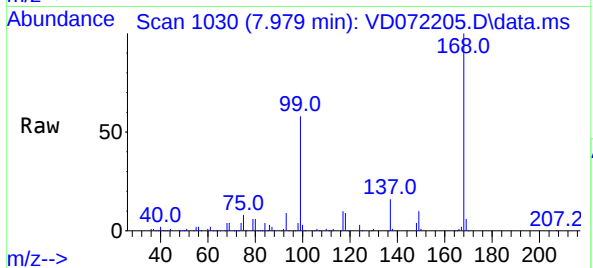




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072205.D
Acq: 15 Mar 2022 23:51

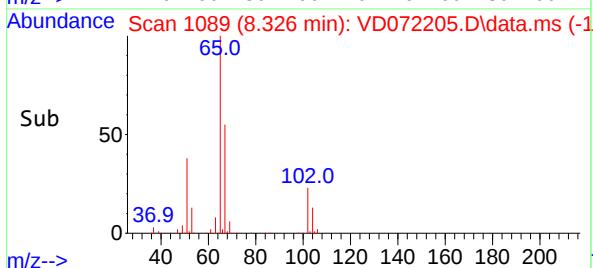
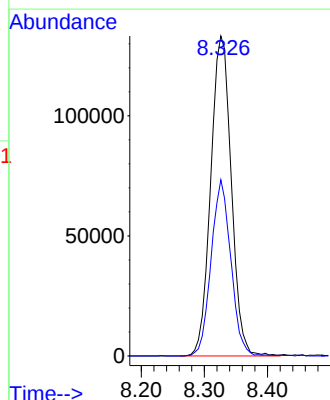
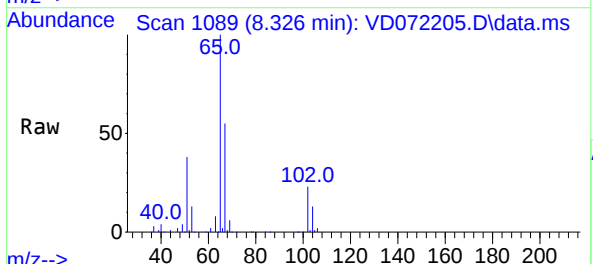
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL02

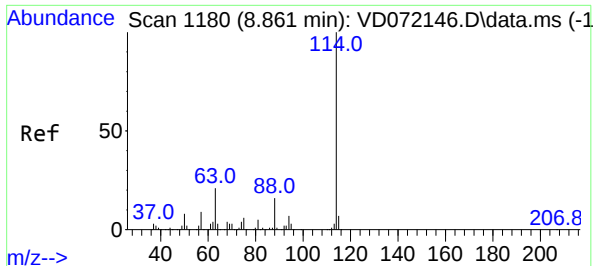
Tgt Ion:168 Resp: 655678
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 41.272 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072205.D
Acq: 15 Mar 2022 23:51

Tgt Ion: 65 Resp: 301583
Ion Ratio Lower Upper
65 100
67 52.8 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: VD072205.D

Acq: 15 Mar 2022 23:51

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBL02

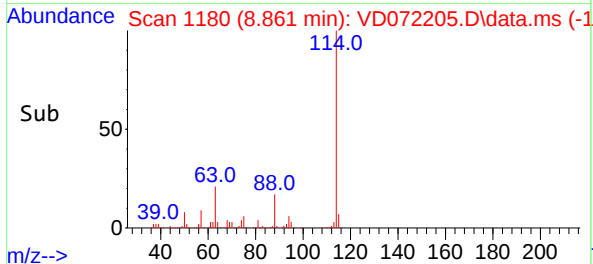
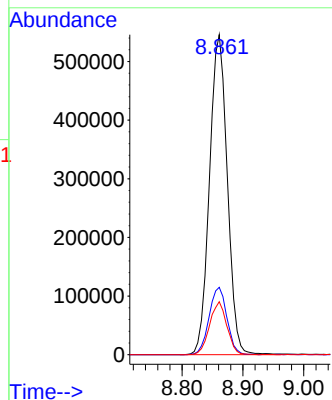
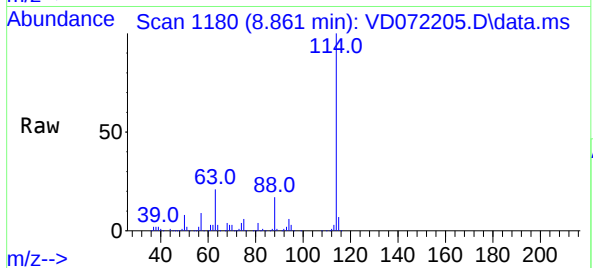
Tgt Ion:114 Resp: 1108439

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.192 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072205.D

Acq: 15 Mar 2022 23:51

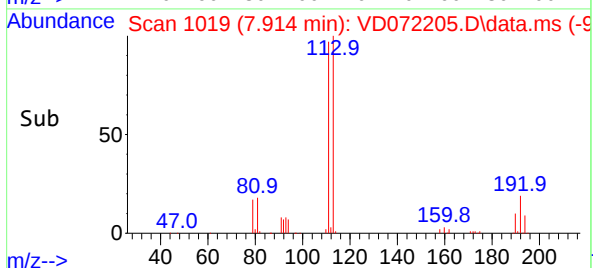
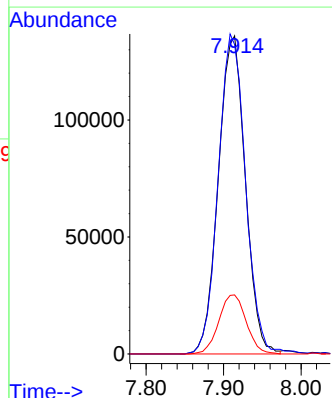
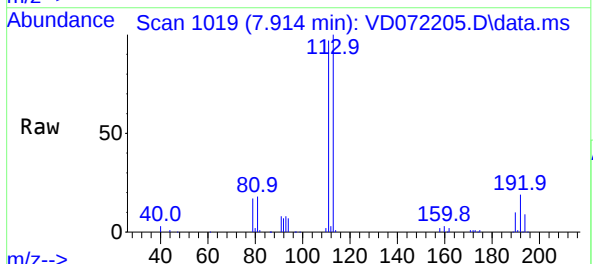
Tgt Ion:113 Resp: 329104

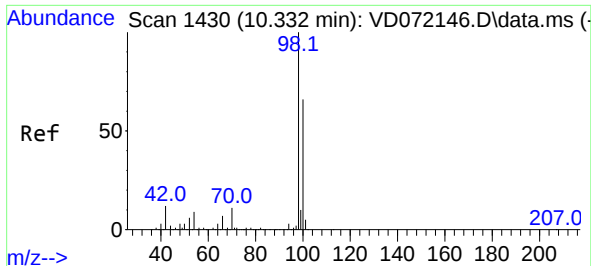
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.9 14.6 21.8

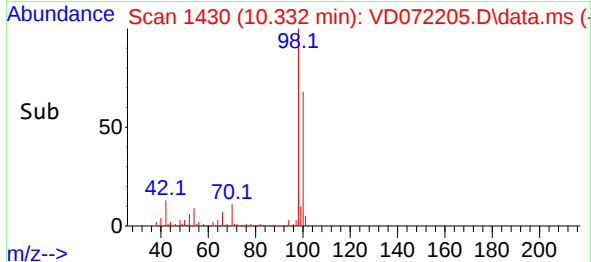
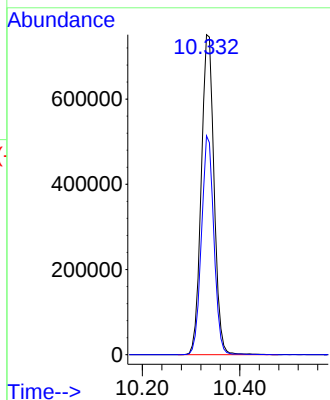
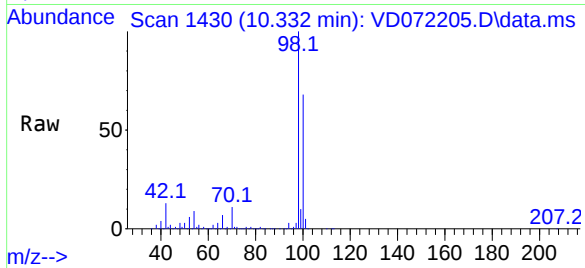




#50
Toluene-d8
Concen: 47.952 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072205.D
Acq: 15 Mar 2022 23:51

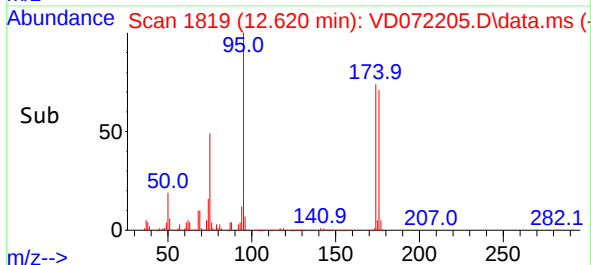
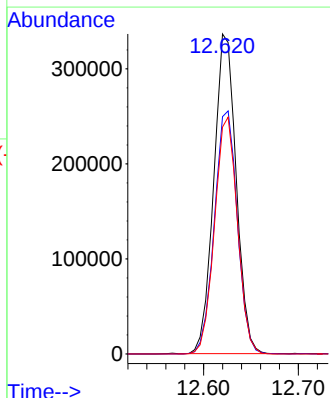
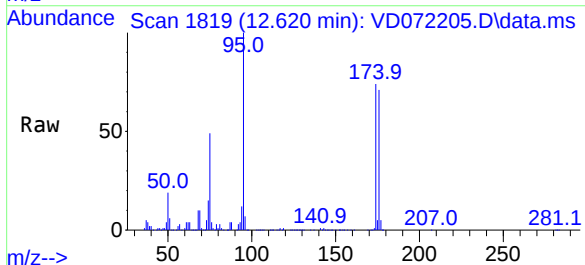
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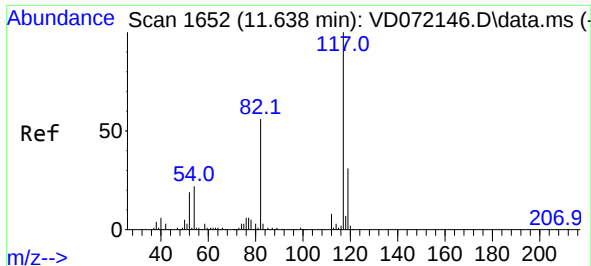
Tgt Ion: 98 Resp: 1367646
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.906 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072205.D
Acq: 15 Mar 2022 23:51

Tgt Ion: 95 Resp: 553059
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 75.2 0.0 145.4

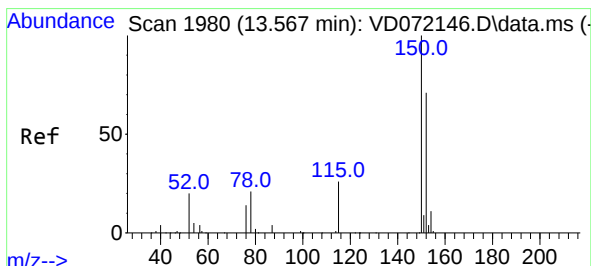
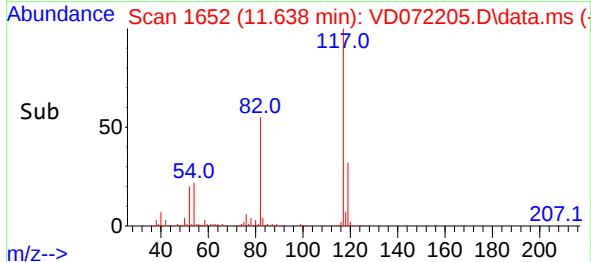
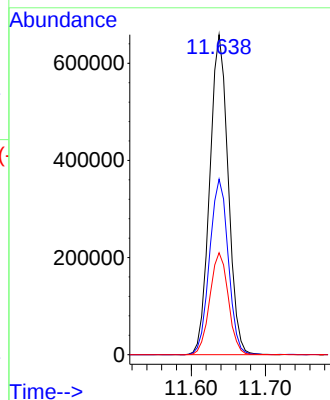
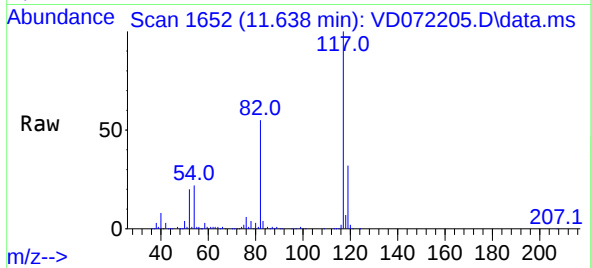




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072205.D
Acq: 15 Mar 2022 23:51

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBL02

Tgt Ion:117 Resp: 1135238
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 31.9 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: VD072205.D
Acq: 15 Mar 2022 23:51

Tgt Ion:152 Resp: 555749
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 155.9 0.0 348.6

