

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072413.D
 Acq On : 24 Mar 2022 17:47
 Operator : VA/SY
 Sample : N2070-04
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-212

Quant Time: Mar 25 02:57:09 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	7.973	168	361942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	618688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	720247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	362919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188109	46.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.280%
35) Dibromofluoromethane	7.908	113	191605	44.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.020%
50) Toluene-d8	10.337	98	785077	49.315	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.626	95	364552	58.935	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.880%

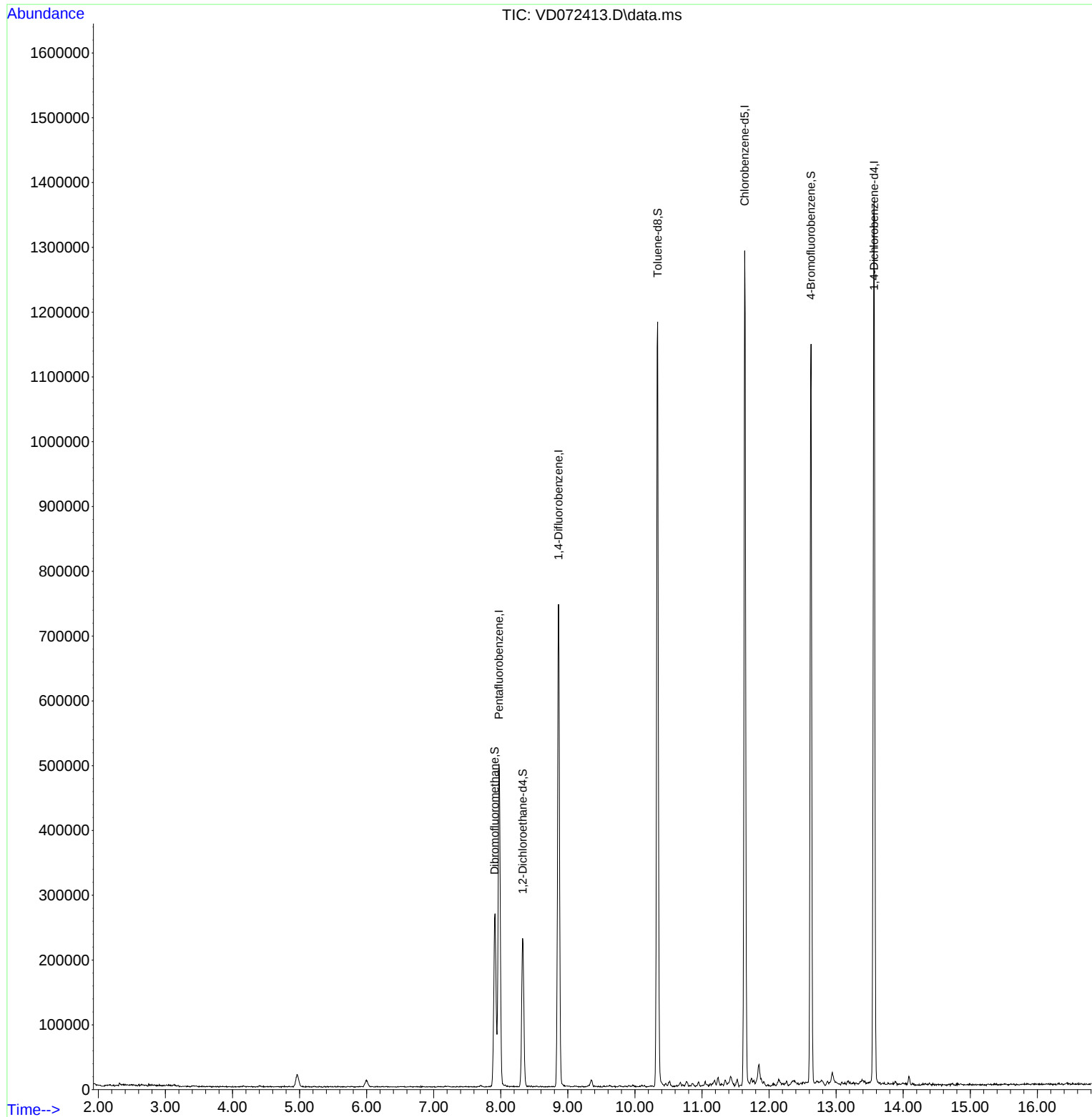
Target Compounds	Qvalue

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

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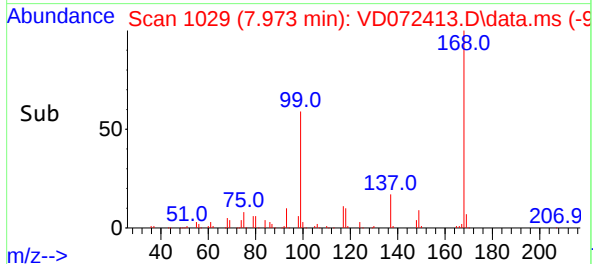
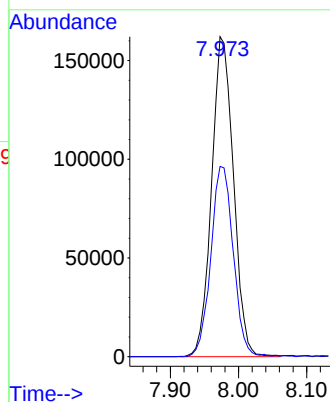
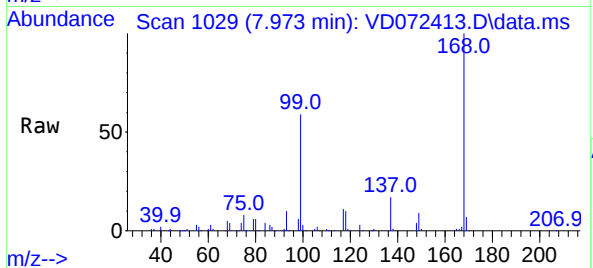




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072413.D
Acq: 24 Mar 2022 17:47

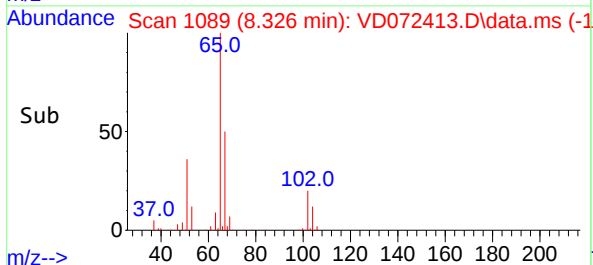
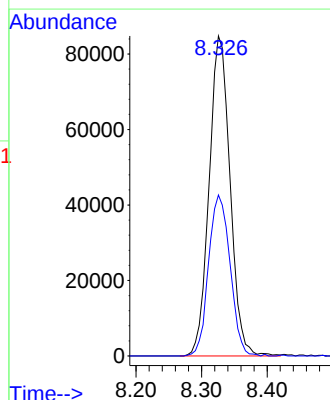
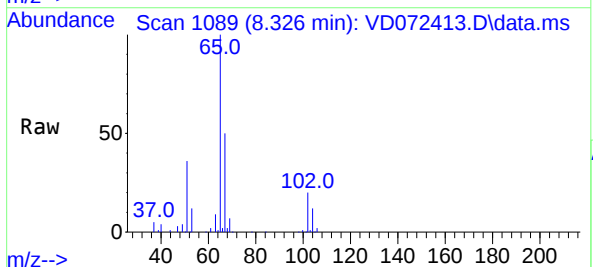
Instrument :
MSVOA_D
ClientSampleId :
VNJ-212

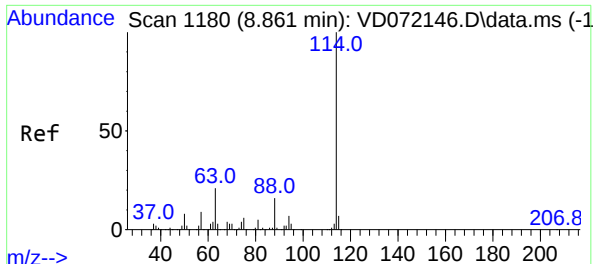
Tgt Ion:168 Resp: 361942
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 46.635 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072413.D
Acq: 24 Mar 2022 17:47

Tgt Ion: 65 Resp: 188109
Ion Ratio Lower Upper
65 100
67 51.6 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: VD072413.D

Acq: 24 Mar 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VNJ-212

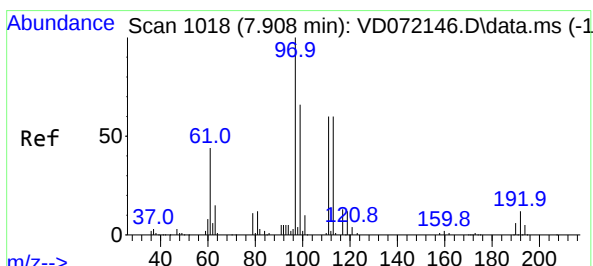
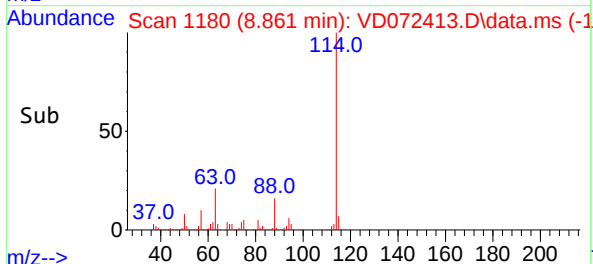
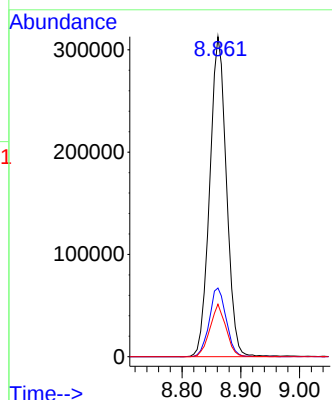
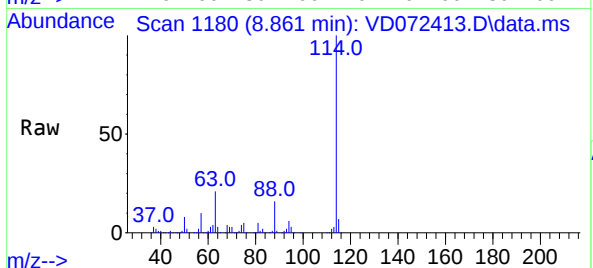
Tgt Ion:114 Resp: 618688

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 16.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.009 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072413.D

Acq: 24 Mar 2022 17:47

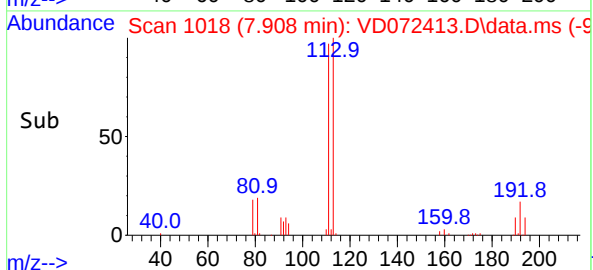
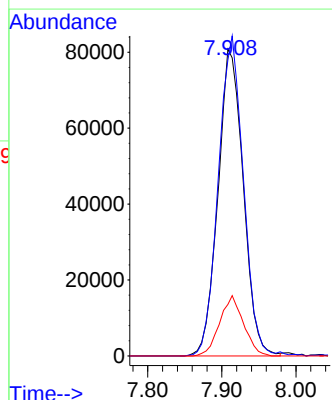
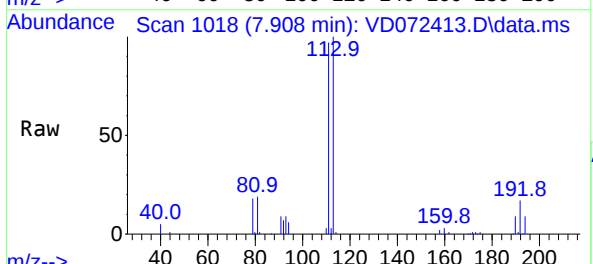
Tgt Ion:113 Resp: 191605

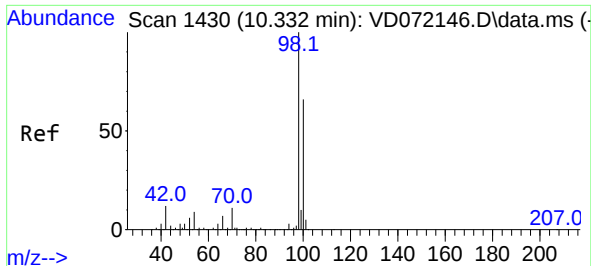
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.6 14.6 21.8

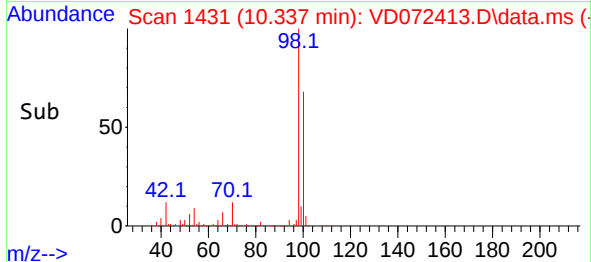
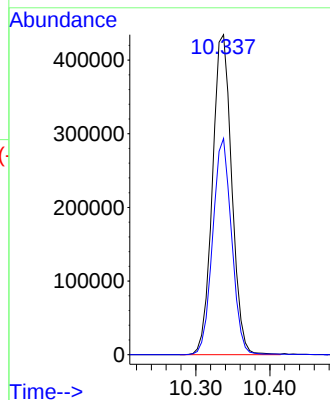
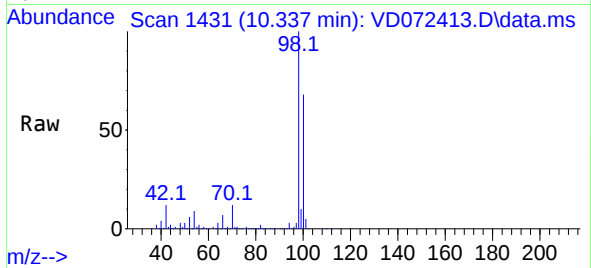




#50
Toluene-d8
Concen: 49.315 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072413.D
Acq: 24 Mar 2022 17:47

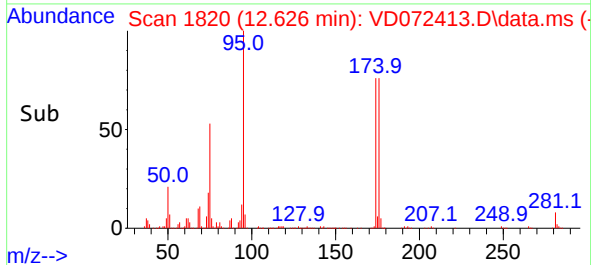
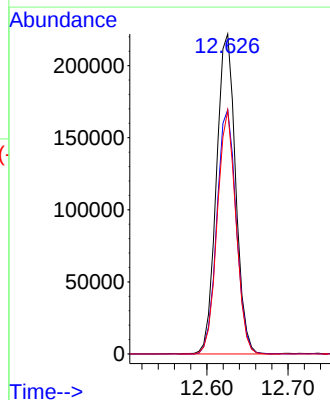
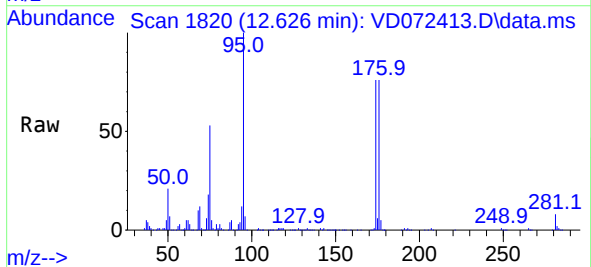
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VNJ-212

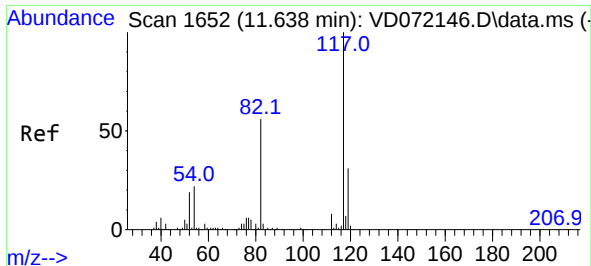
Tgt Ion: 98 Resp: 785077
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.935 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072413.D
Acq: 24 Mar 2022 17:47

Tgt Ion: 95 Resp: 364552
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 73.7 0.0 145.4

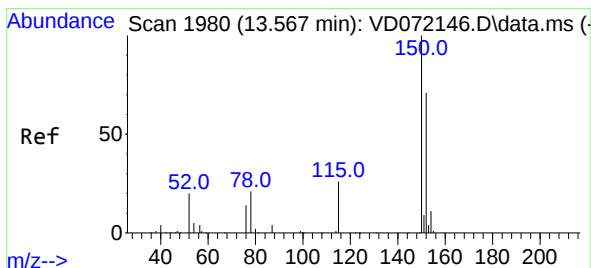
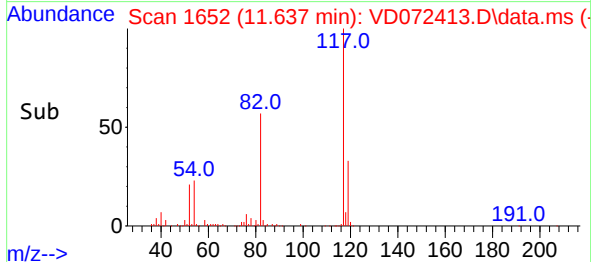
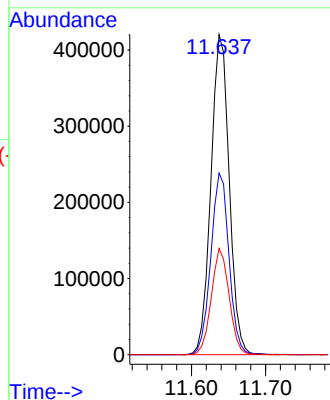
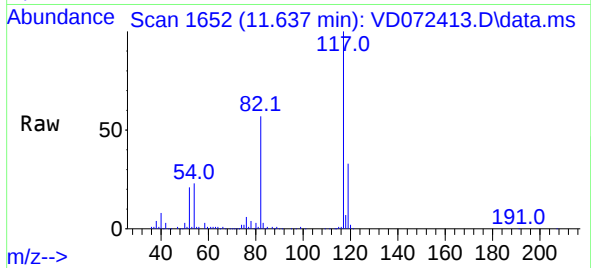




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072413.D
Acq: 24 Mar 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
VNJ-212

Tgt Ion:117 Resp: 720247
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 33.2 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: VD072413.D
Acq: 24 Mar 2022 17:47

Tgt Ion:152 Resp: 362919
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 156.4 0.0 348.6

