

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072919.D
 Acq On : 10 May 2022 17:28
 Operator : VA/SY
 Sample : N2755-04
 Misc : 4.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-221

Quant Time: May 11 05:53:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	122220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	221022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	244201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	115399	72.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.480%
35) Dibromofluoromethane	7.914	113	88359	56.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.840%
50) Toluene-d8	10.332	98	278995	50.106	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.620	95	113653	54.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.480%

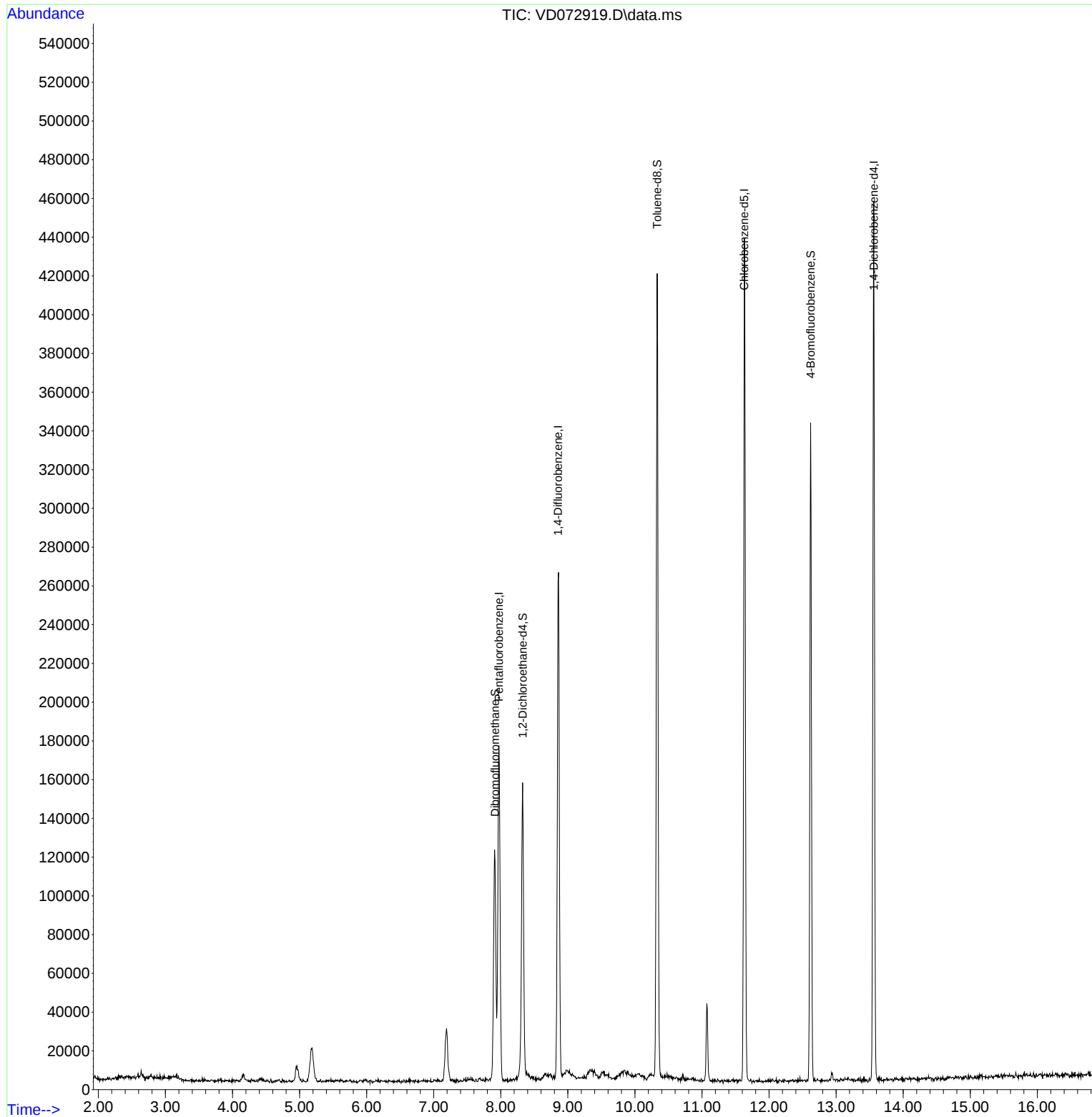
Target Compounds	Qvalue

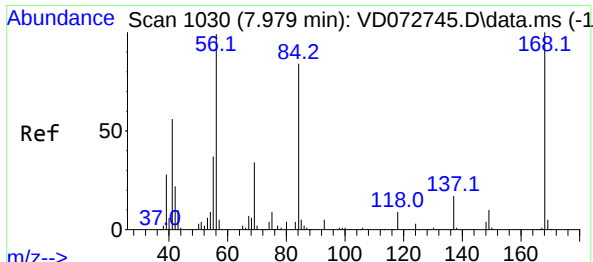
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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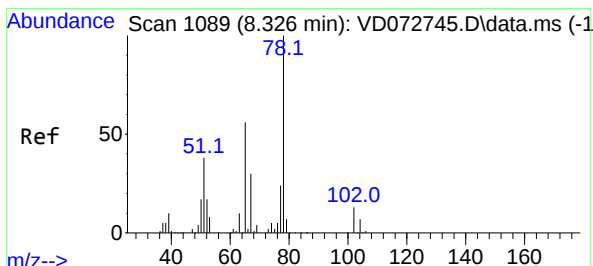
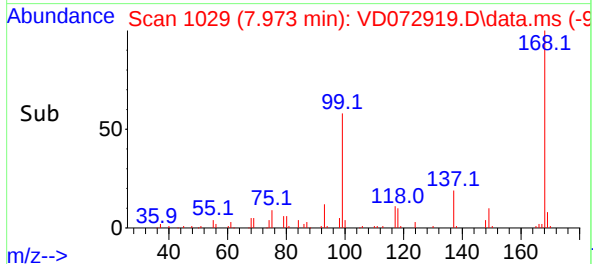
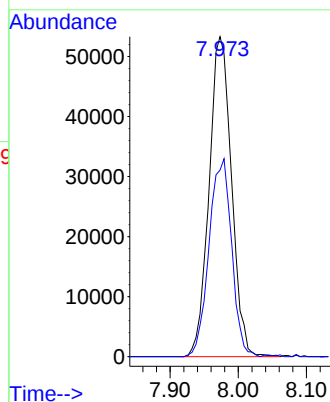
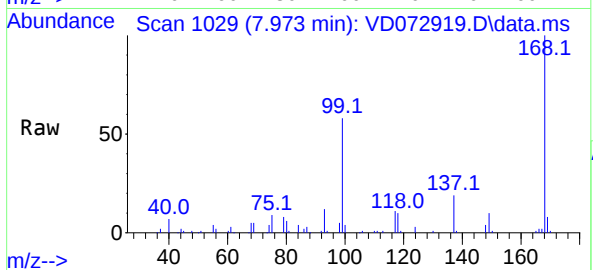




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

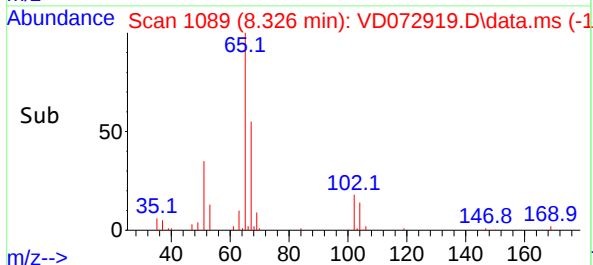
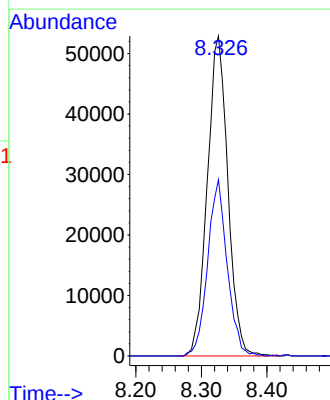
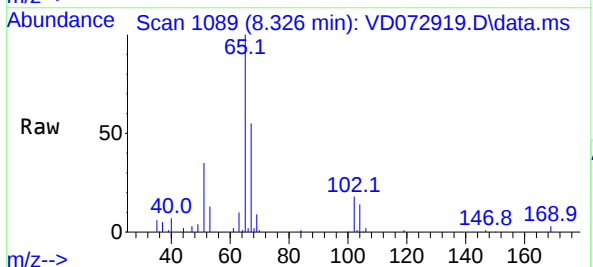
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

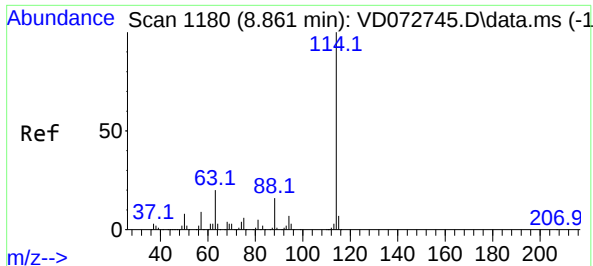
Tgt Ion:168 Resp: 122220
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 72.738 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

Tgt Ion: 65 Resp: 115399
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072919.D

Acq: 10 May 2022 17:28

Instrument :

MSVOA_D

ClientSampleId :

VNJ-221

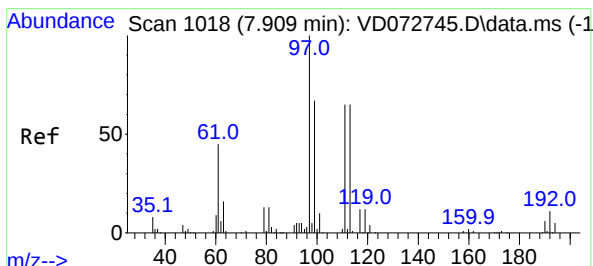
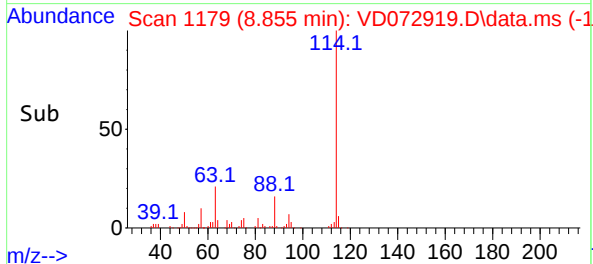
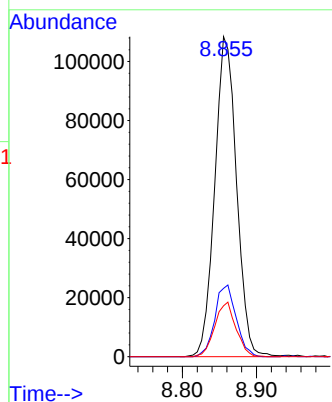
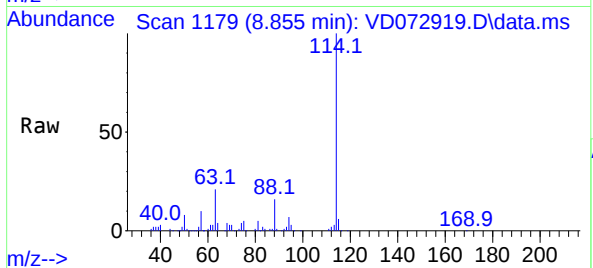
Tgt Ion:114 Resp: 221022

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.923 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072919.D

Acq: 10 May 2022 17:28

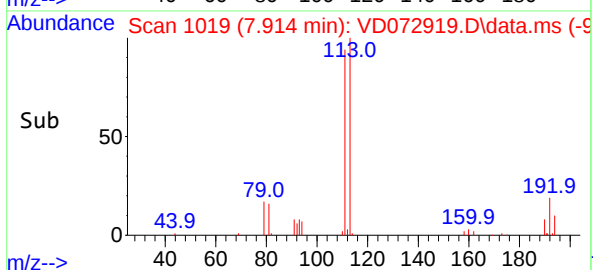
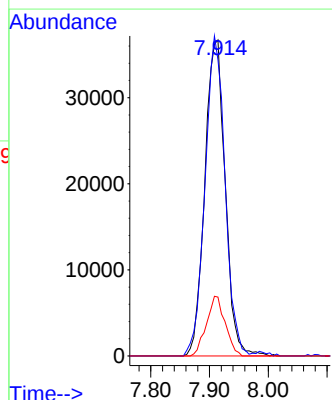
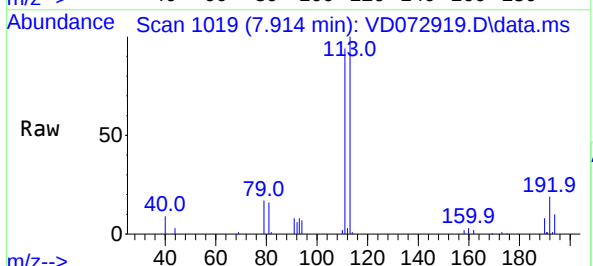
Tgt Ion:113 Resp: 88359

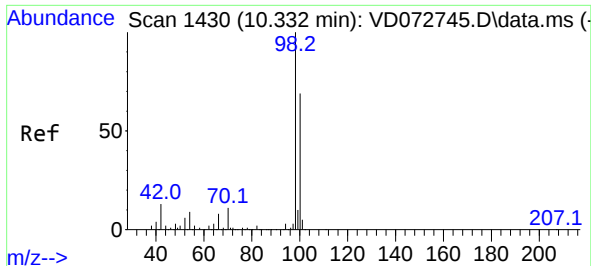
Ion Ratio Lower Upper

113 100

111 99.6 83.8 125.6

192 17.3 14.6 21.8

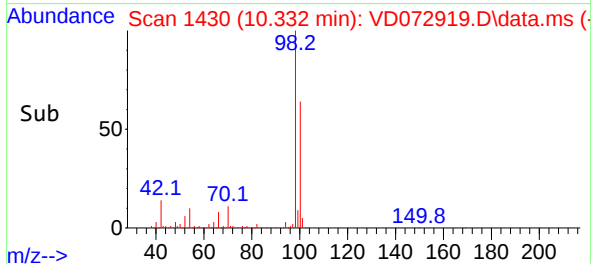
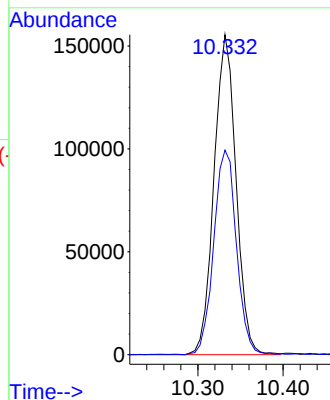
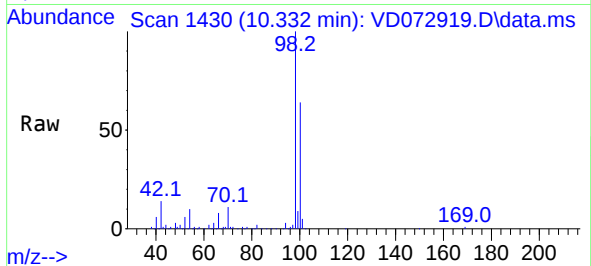




#50
Toluene-d8
Concen: 50.106 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

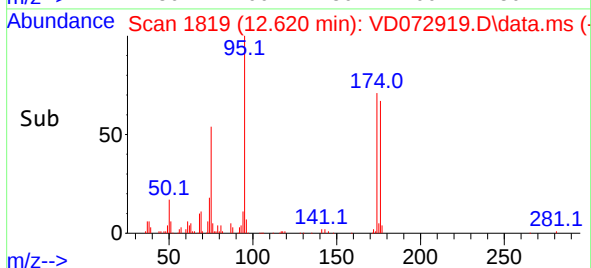
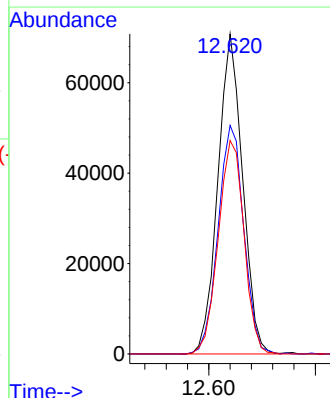
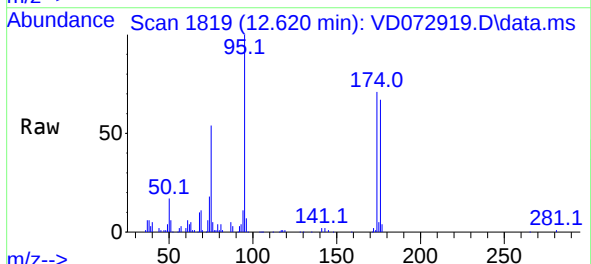
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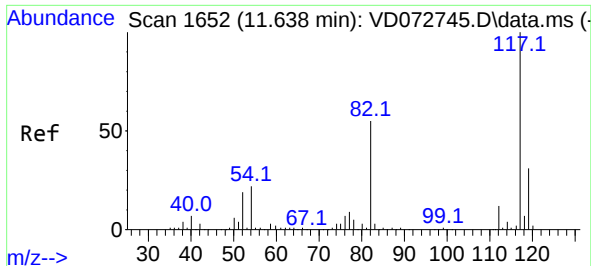
Tgt Ion: 98 Resp: 278995
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.741 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

Tgt Ion: 95 Resp: 113653
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 69.4 0.0 145.4

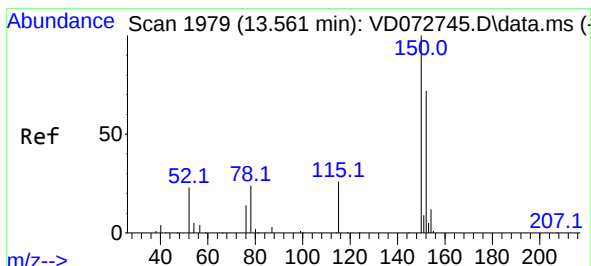
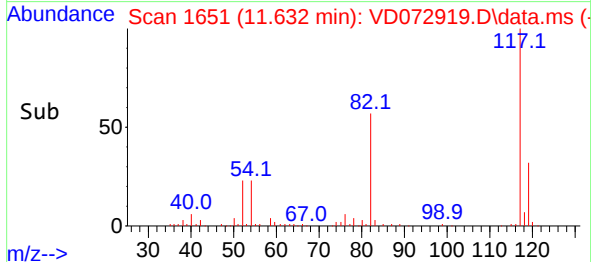
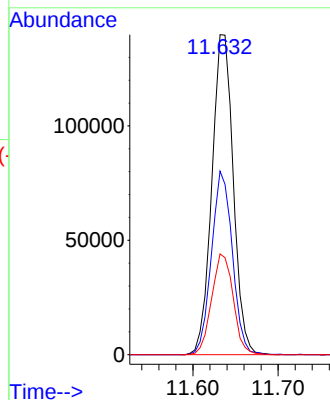
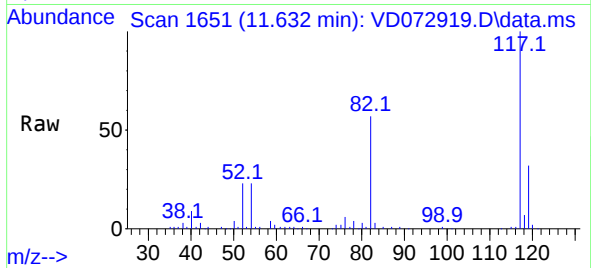




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

Tgt Ion:117 Resp: 244201
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072919.D
Acq: 10 May 2022 17:28

Tgt Ion:152 Resp: 117097
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 155.1 0.0 348.6

