

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072346.D
 Acq On : 21 Mar 2022 18:01
 Operator : VA/SY
 Sample : N1962-08RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-21-21-23RE

Quant Time: Mar 22 02:13:20 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	977	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	1611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1100	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.57

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	295	27.094	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	54.180%
35) Dibromofluoromethane	7.914	113	686	60.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.020%
50) Toluene-d8	10.326	98	1896	45.739	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.614	95	262	16.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	32.540%

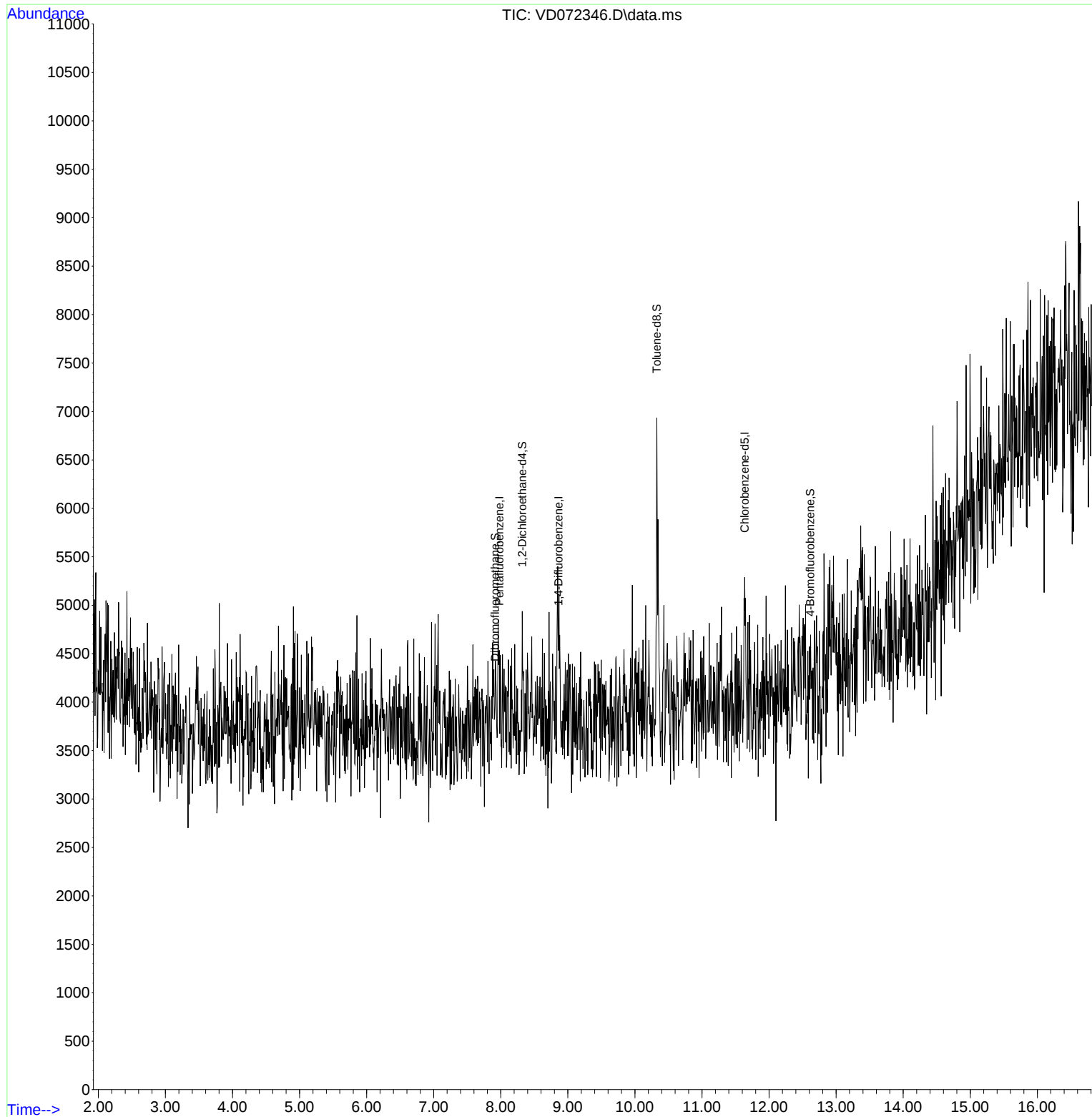
Target Compounds	Qvalue

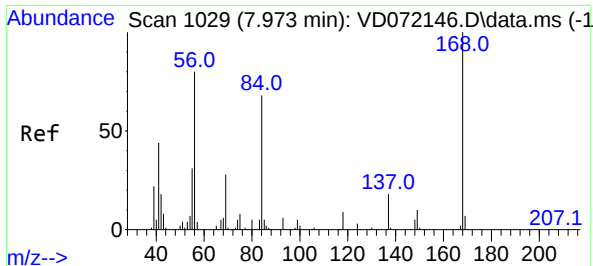
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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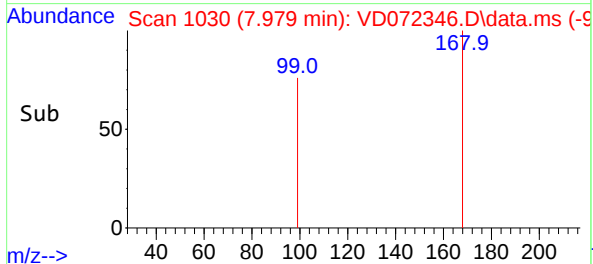
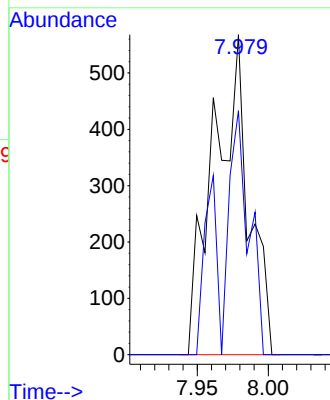
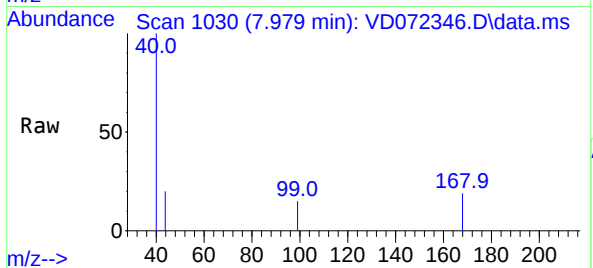




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072346.D
Acq: 21 Mar 2022 18:01

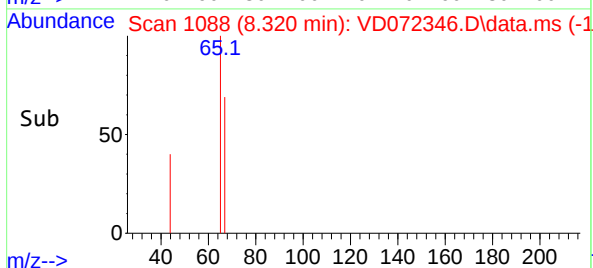
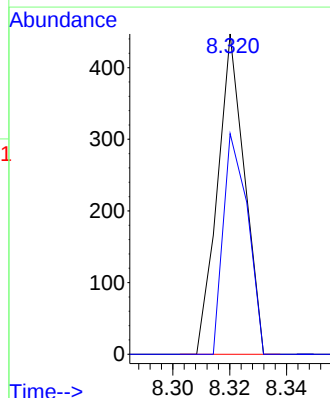
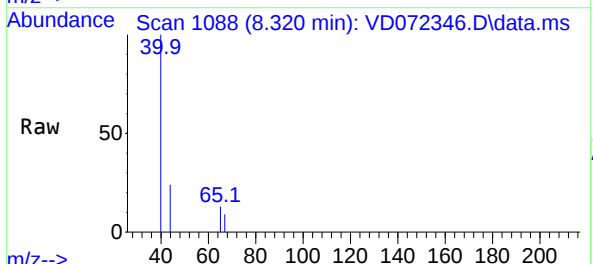
Instrument :
MSVOA_D
ClientSampleId :
C-21-21-23RE

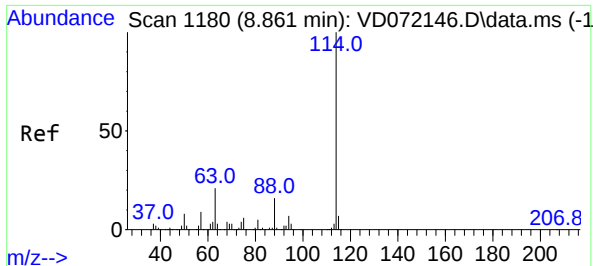
Tgt Ion:168 Resp: 977
Ion Ratio Lower Upper
168 100
99 76.2 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 27.094 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072346.D
Acq: 21 Mar 2022 18:01

Tgt Ion: 65 Resp: 295
Ion Ratio Lower Upper
65 100
67 62.0 0.0 101.4

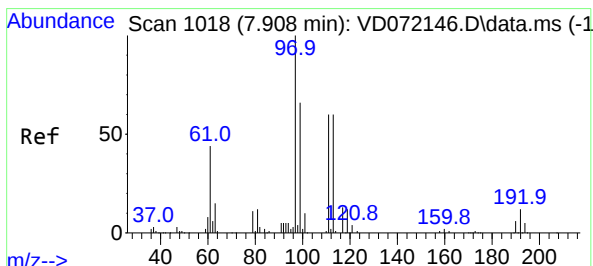
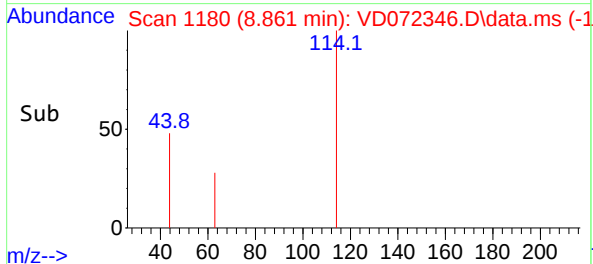
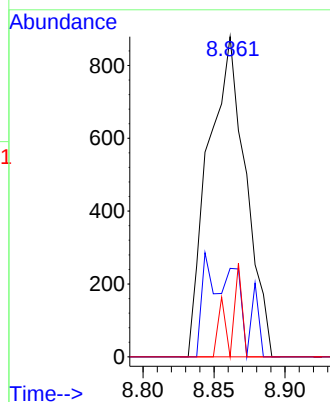
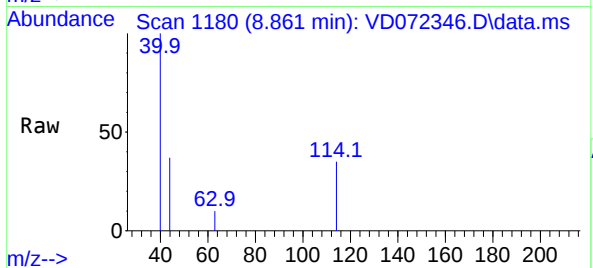




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072346.D
Acq: 21 Mar 2022 18:01

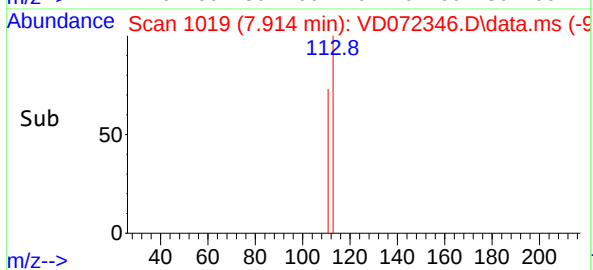
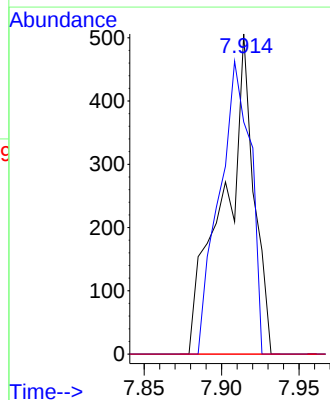
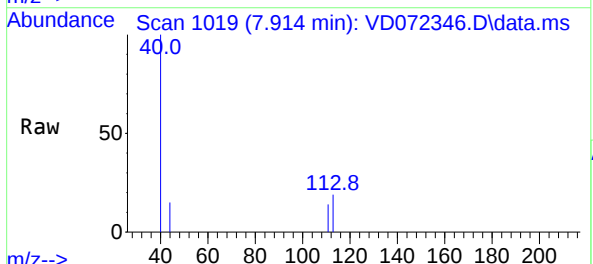
Instrument :
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ClientSampleId :
C-21-21-23RE

Tgt Ion:	114	Resp:	1611
Ion	Ratio	Lower	Upper
114	100		
63	27.6	0.0	46.6
88	0.0	0.0	33.2



#35
Dibromofluoromethane
Concen: 60.511 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072346.D
Acq: 21 Mar 2022 18:01

Tgt Ion:	113	Resp:	686
Ion	Ratio	Lower	Upper
113	100		
111	94.6	83.8	125.6
192	0.0	14.6	21.8

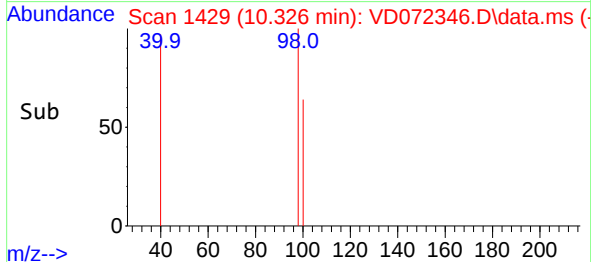
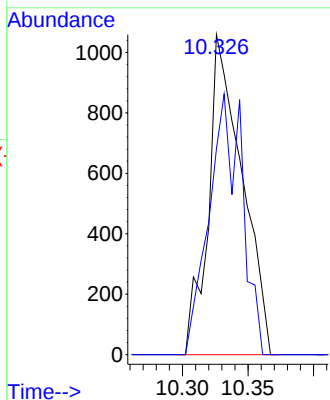
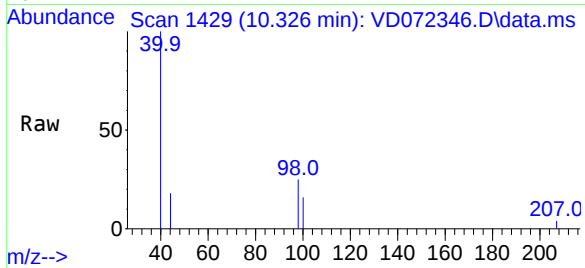




#50
Toluene-d8
Concen: 45.739 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072346.D
Acq: 21 Mar 2022 18:01

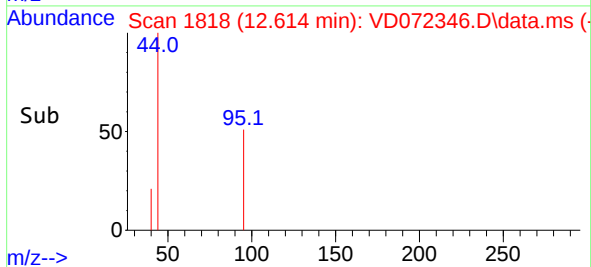
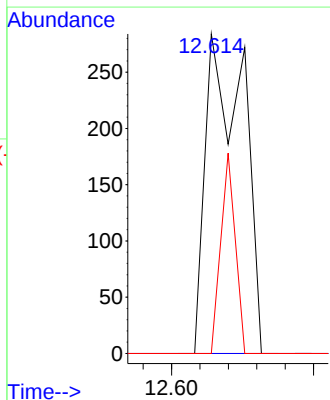
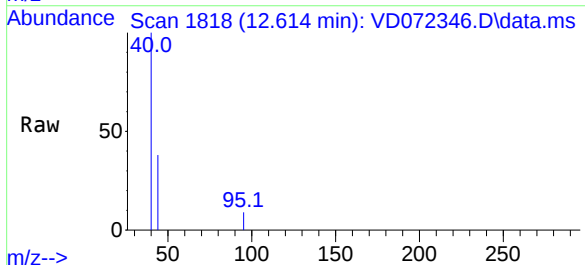
Instrument :
MSVOA_D
ClientSampleId :
C-21-21-23RE

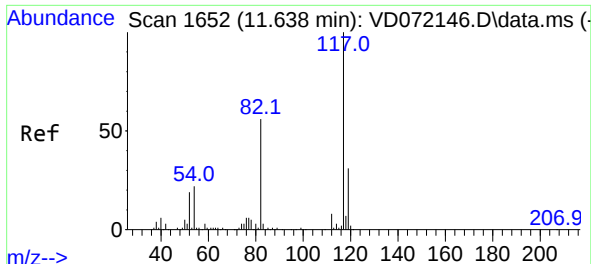
Tgt Ion: 98 Resp: 1896
Ion Ratio Lower Upper
98 100
100 80.0 52.4 78.6#



#62
4-Bromofluorobenzene
Concen: 16.267 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD072346.D
Acq: 21 Mar 2022 18:01

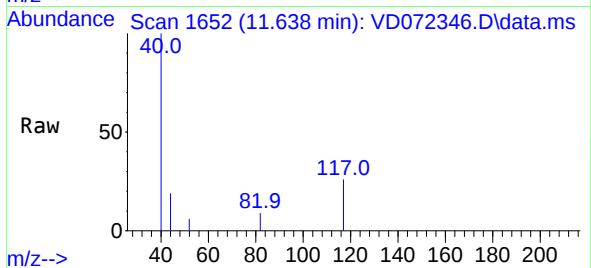
Tgt Ion: 95 Resp: 262
Ion Ratio Lower Upper
95 100
174 0.0 0.0 152.8
176 24.0 0.0 145.4



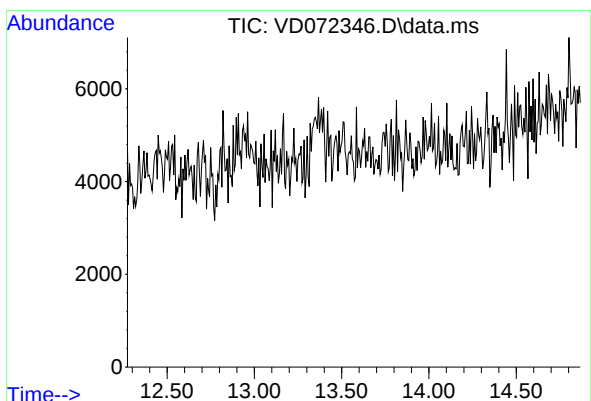
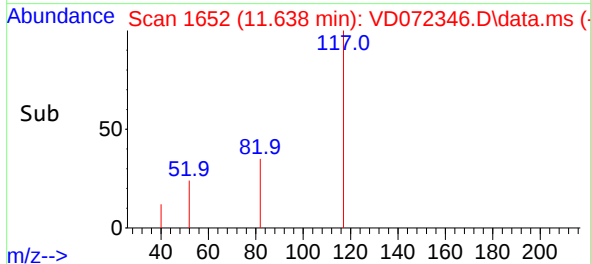
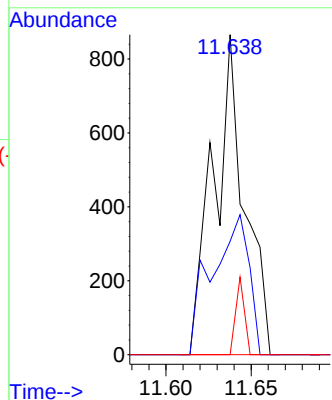


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072346.D
Acq: 21 Mar 2022 18:01

Instrument :
MSVOA_D
ClientSampleId :
C-21-21-23RE



Tgt Ion:117 Resp: 1100
Ion Ratio Lower Upper
117 100
82 35.5 45.3 67.9#
119 0.0 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.57 min

Lab File: VD072346.D
Acq: 21 Mar 2022 18:01

Tgt Ion: 152
Sig Exp Ratio
152 100
115 62.5
150 174.3

