

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073210.D
 Acq On : 21 May 2022 05:24
 Operator : VA/SY
 Sample : VD0520SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBL02

Quant Time: May 21 05:34:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	312352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	545506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	571432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	255767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	164668	47.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.400%
35) Dibromofluoromethane	7.909	113	182404	50.673	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.340%
50) Toluene-d8	10.332	98	677288	51.043	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.080%
62) 4-Bromofluorobenzene	12.620	95	243981	52.394	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.780%

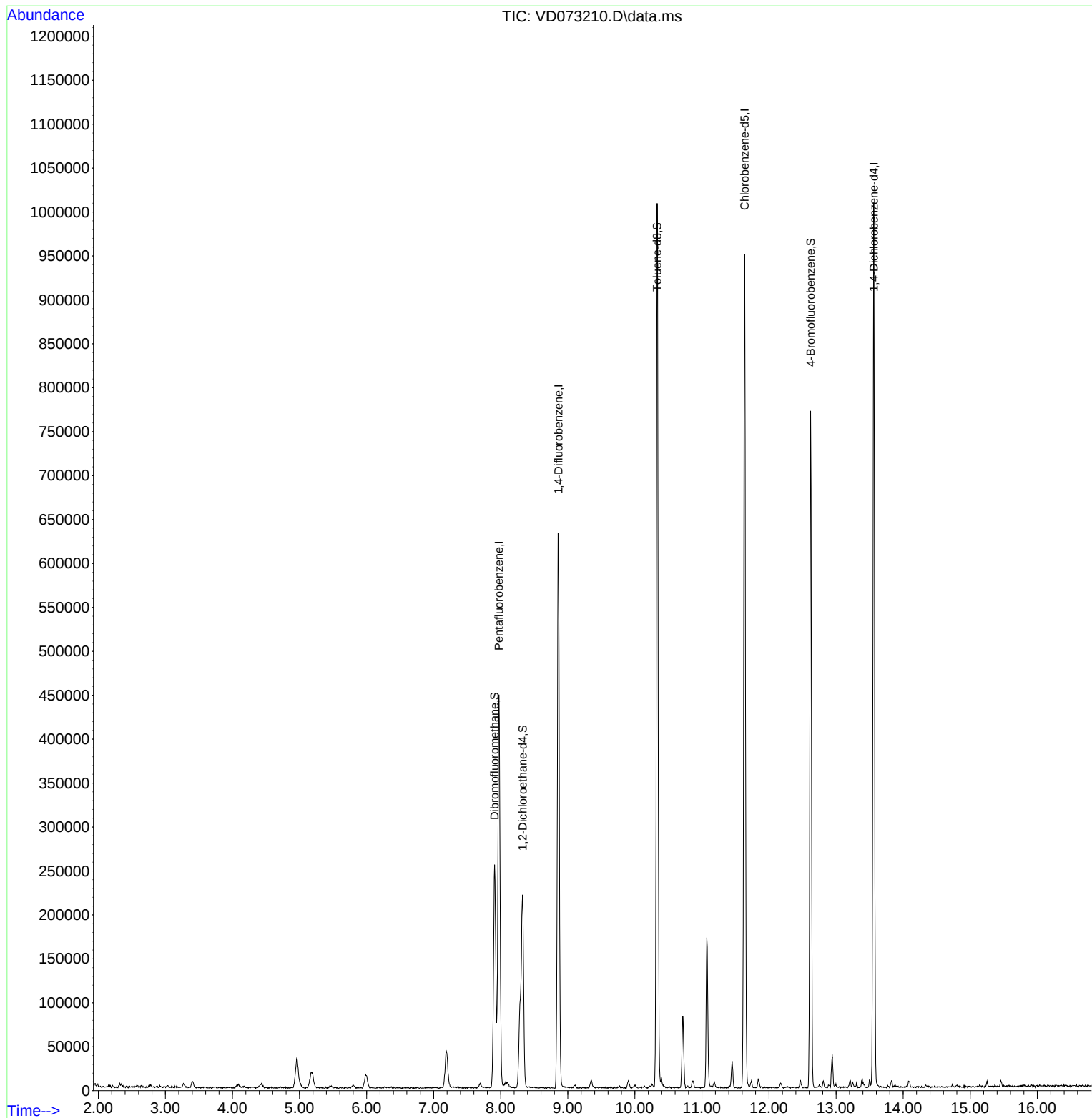
Target Compounds	Qvalue

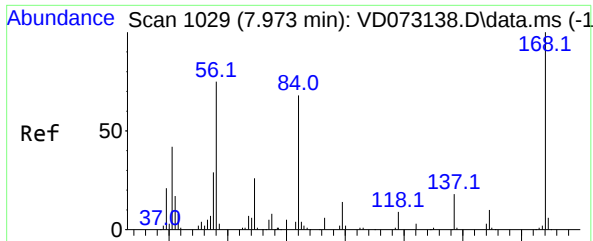
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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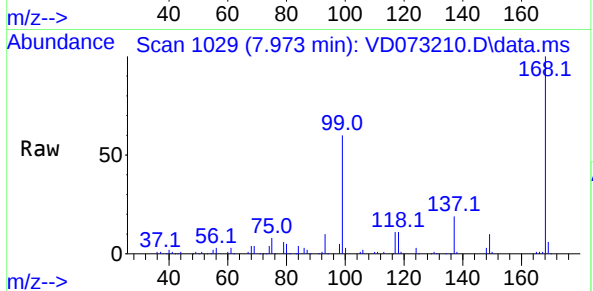
Quant Time: May 21 05:34:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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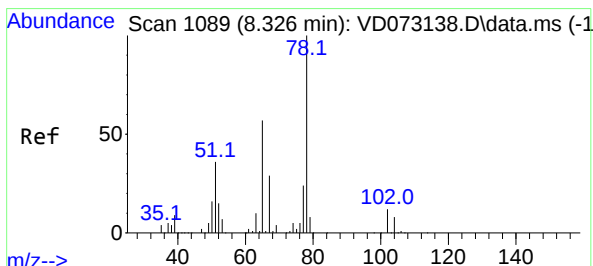
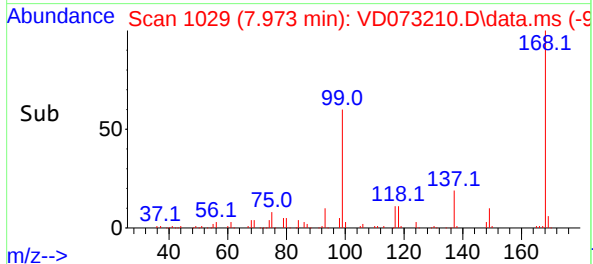
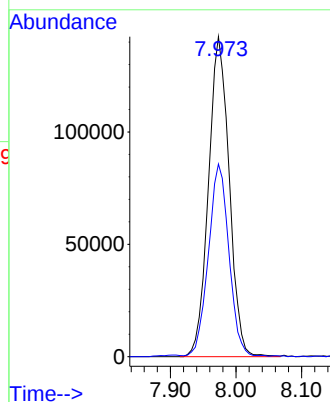


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073210.D
Acq: 21 May 2022 05:24

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBL02

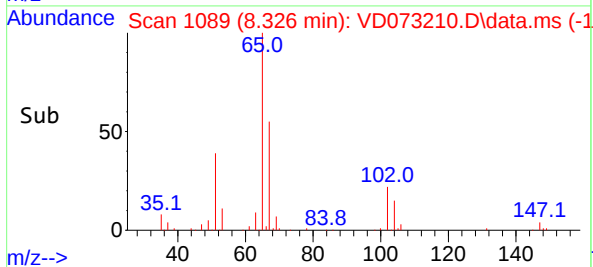
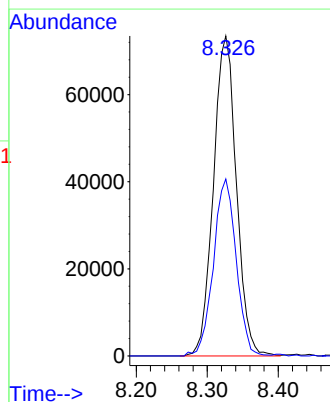
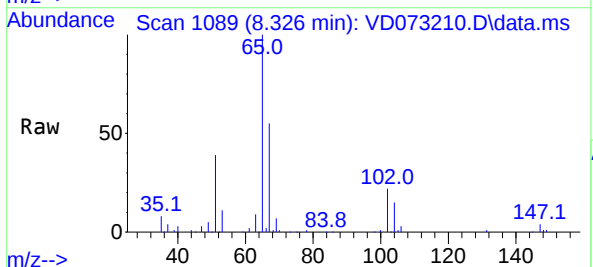


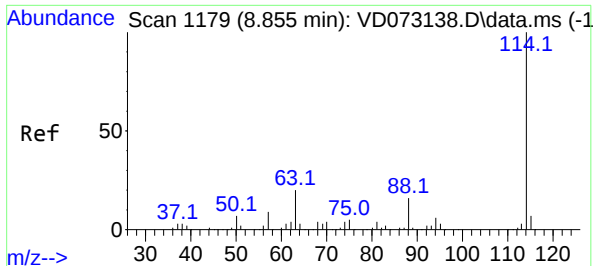
Tgt Ion:168 Resp: 312352
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.703 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073210.D
Acq: 21 May 2022 05:24

Tgt Ion: 65 Resp: 164668
Ion Ratio Lower Upper
65 100
67 54.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073210.D

Acq: 21 May 2022 05:24

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBL02

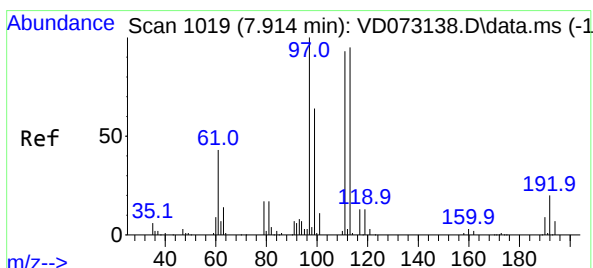
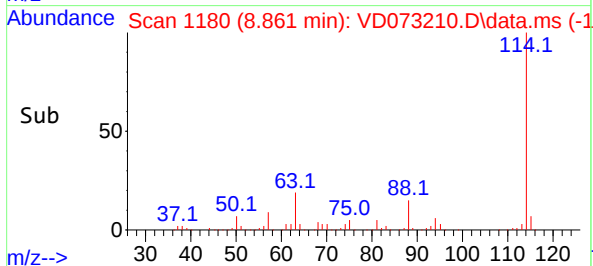
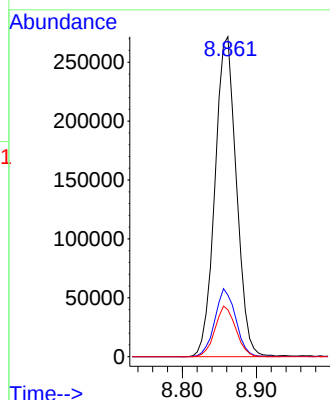
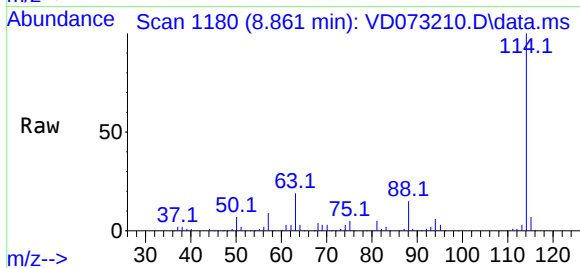
Tgt Ion:114 Resp: 545506

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 14.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.673 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073210.D

Acq: 21 May 2022 05:24

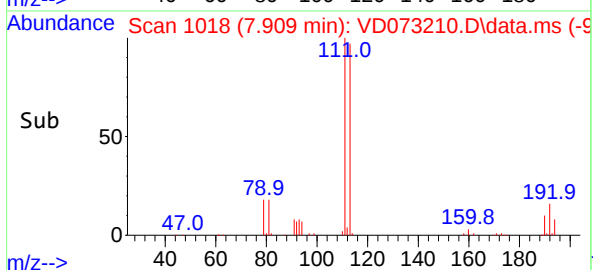
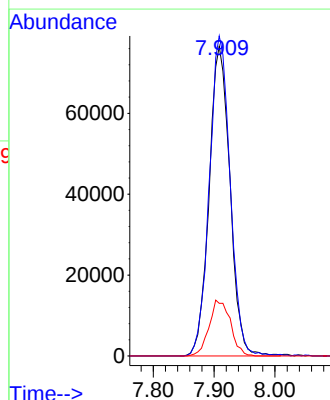
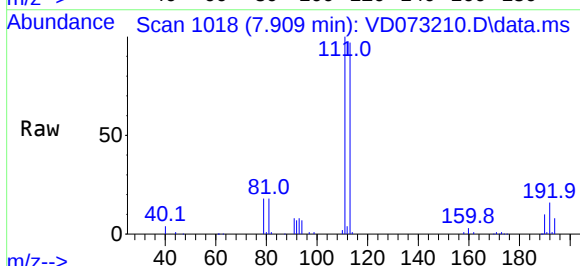
Tgt Ion:113 Resp: 182404

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.4 14.6 21.8

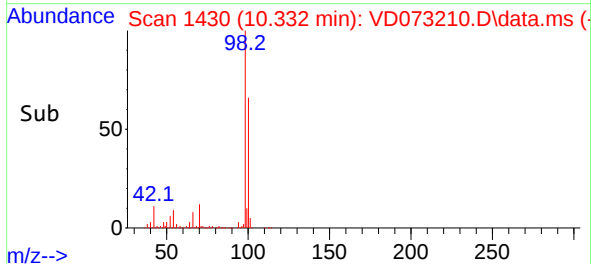
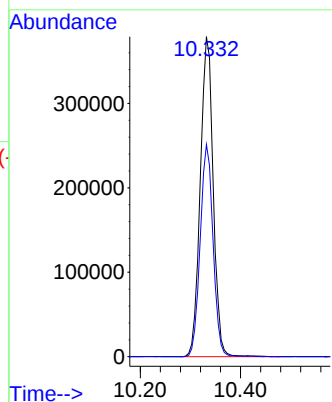
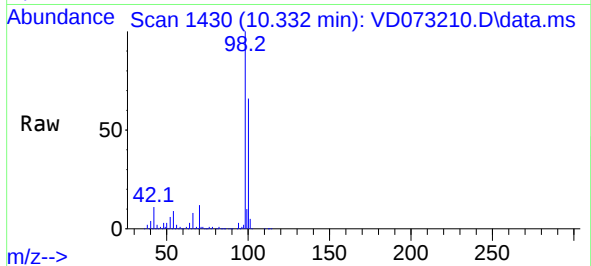




#50
Toluene-d8
Concen: 51.043 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073210.D
Acq: 21 May 2022 05:24

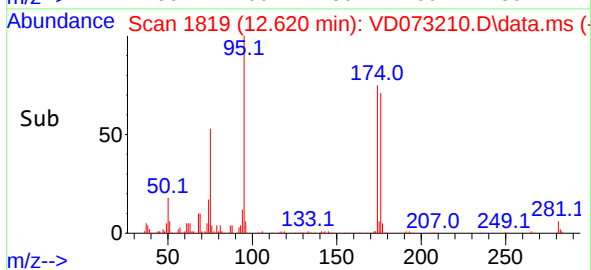
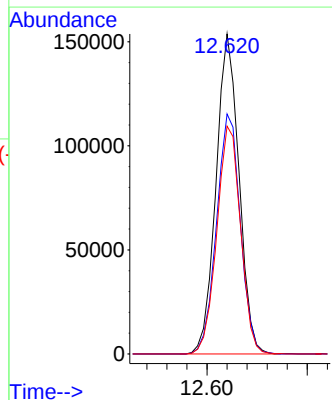
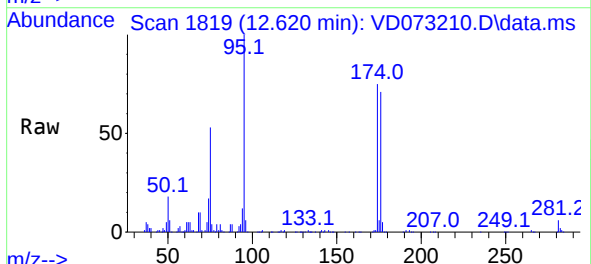
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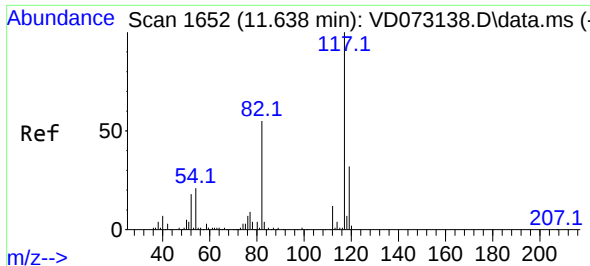
Tgt Ion: 98 Resp: 677288
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.394 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073210.D
Acq: 21 May 2022 05:24

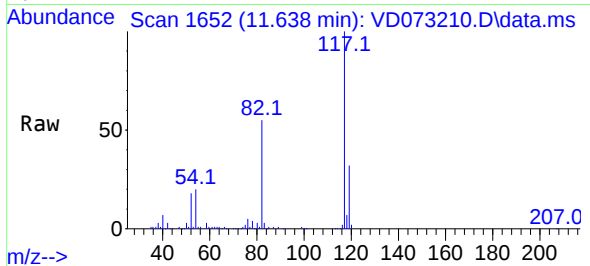
Tgt Ion: 95 Resp: 243981
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 73.6 0.0 145.4



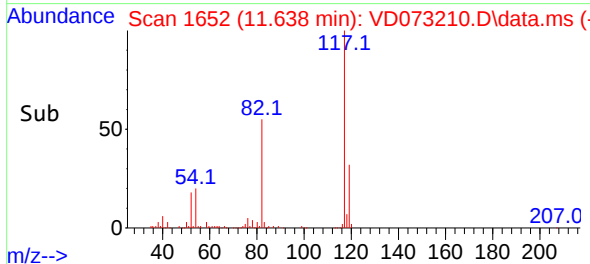
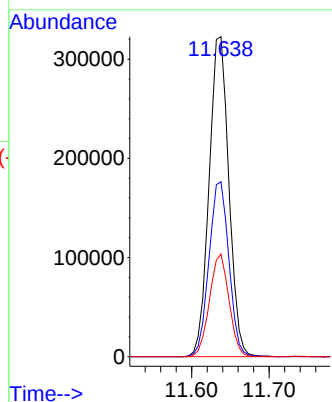


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073210.D
Acq: 21 May 2022 05:24

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBL02



Tgt Ion:117 Resp: 571432
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 32.1 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: VD073210.D
Acq: 21 May 2022 05:24

Tgt Ion:152 Resp: 255767
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 159.7 0.0 348.6

