

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072152.D
 Acq On : 11 Mar 2022 16:12
 Operator : VA/SY
 Sample : VD0311SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

Quant Time: Mar 14 04:00:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 03:10:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	527883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	902236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	879182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	427817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	259821	44.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.340%
35) Dibromofluoromethane	7.914	113	286826	45.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.360%
50) Toluene-d8	10.332	98	1086311	46.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.580%
62) 4-Bromofluorobenzene	12.626	95	421203	46.694	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.380%

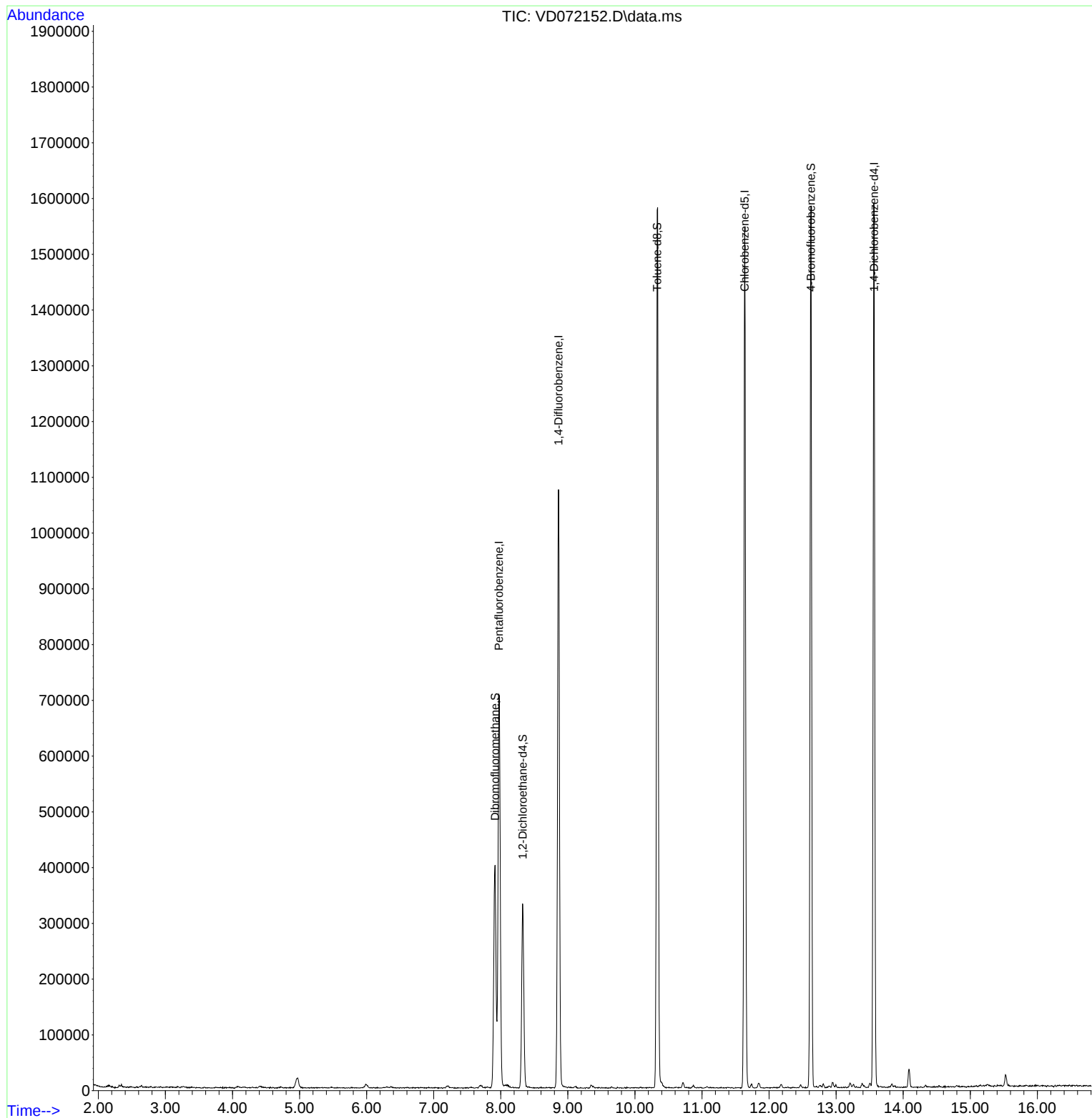
Target Compounds	Qvalue

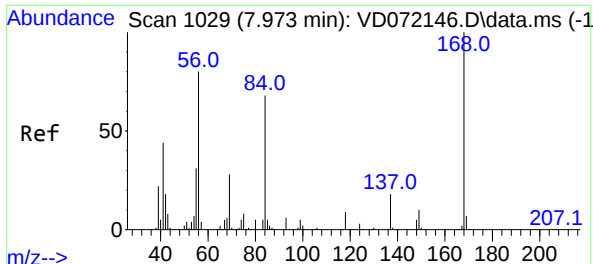
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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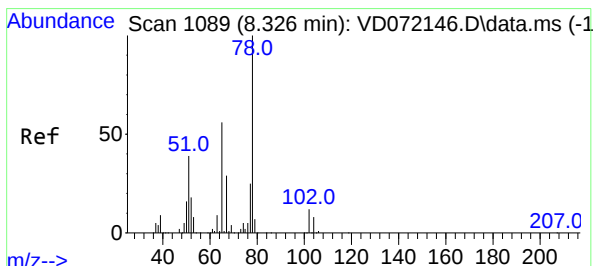
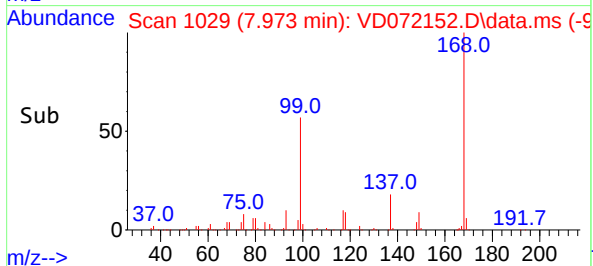
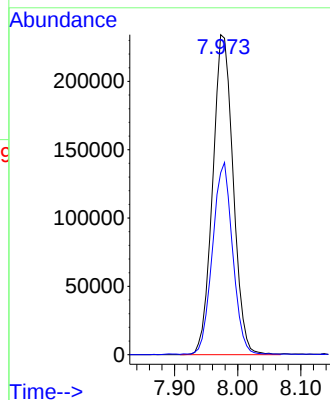
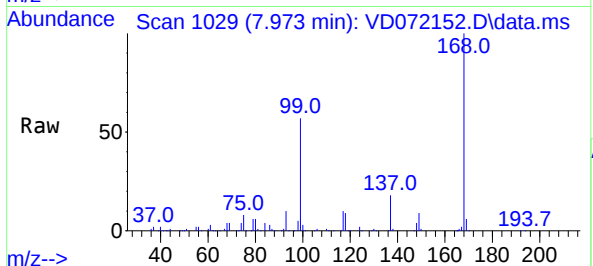




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

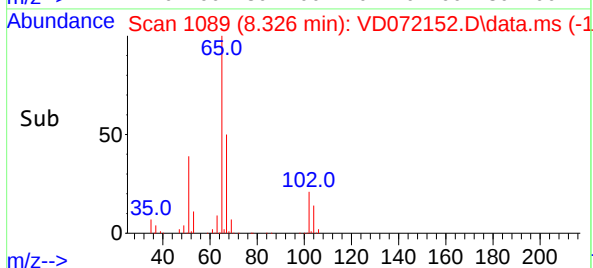
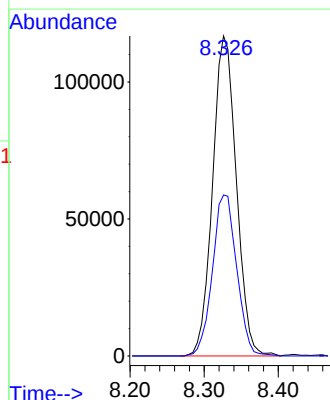
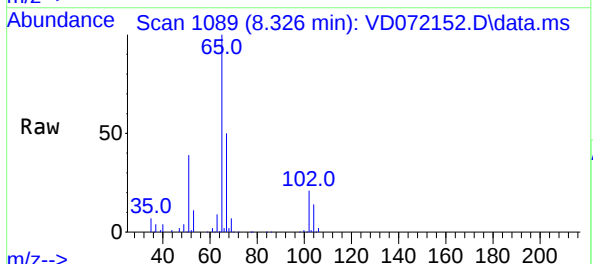
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

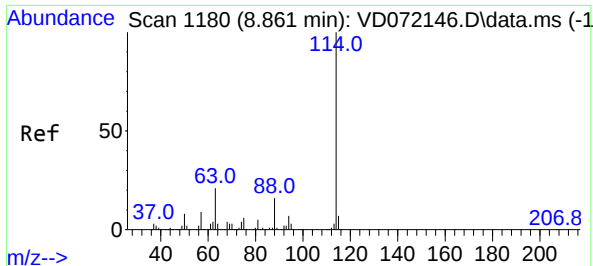
Tgt Ion:168 Resp: 527883
Ion Ratio Lower Upper
168 100
99 56.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.165 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

Tgt Ion: 65 Resp: 259821
Ion Ratio Lower Upper
65 100
67 51.4 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: VD072152.D

Acq: 11 Mar 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBL01

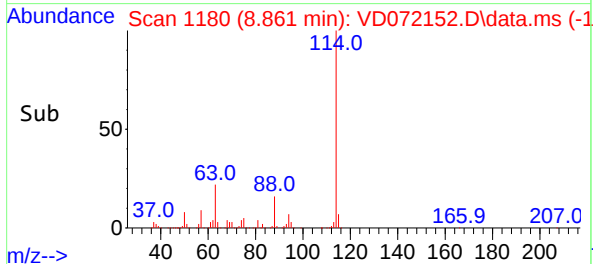
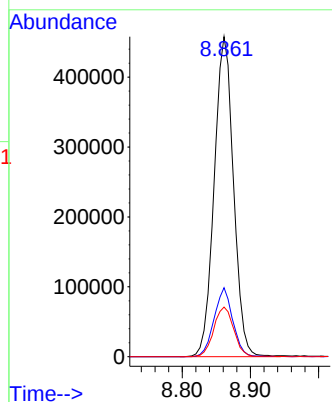
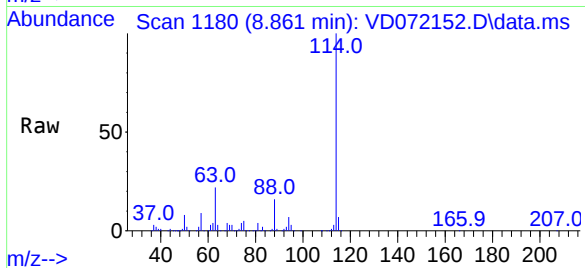
Tgt Ion:114 Resp: 902236

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.176 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072152.D

Acq: 11 Mar 2022 16:12

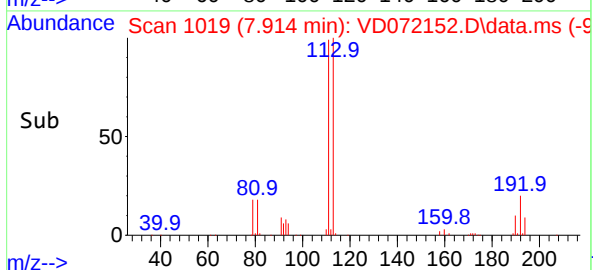
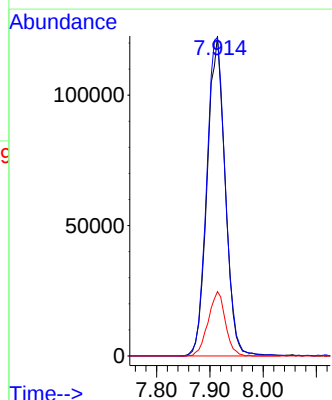
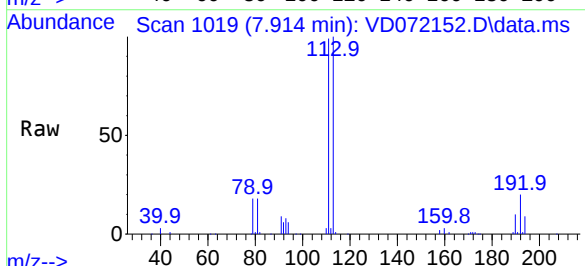
Tgt Ion:113 Resp: 286826

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 19.3 14.6 21.8

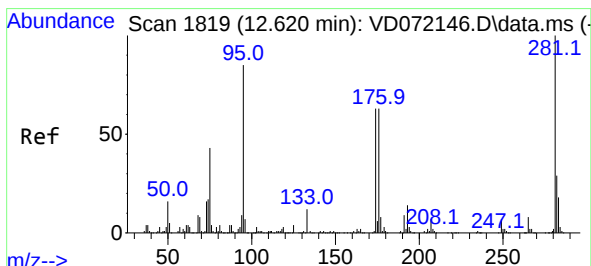
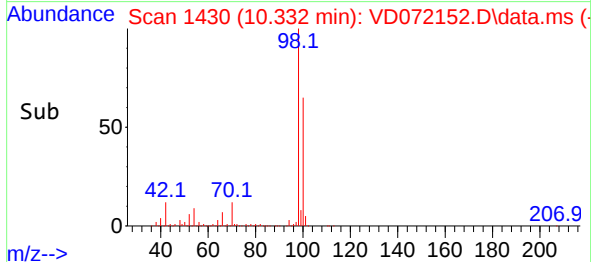
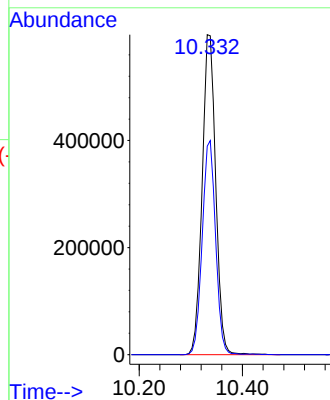
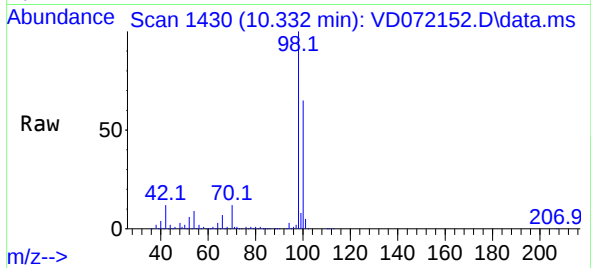




#50
Toluene-d8
Concen: 46.792 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

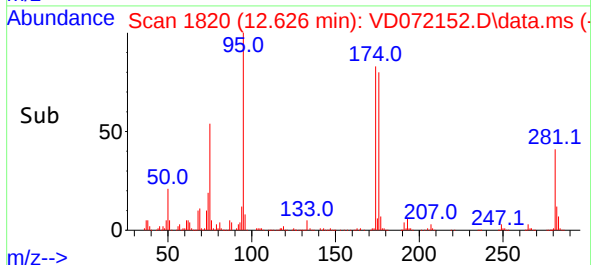
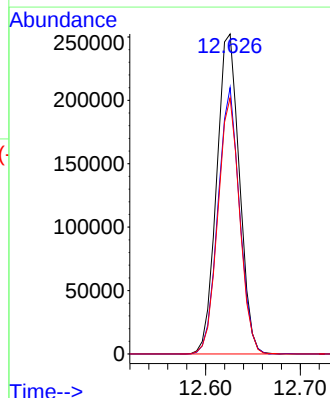
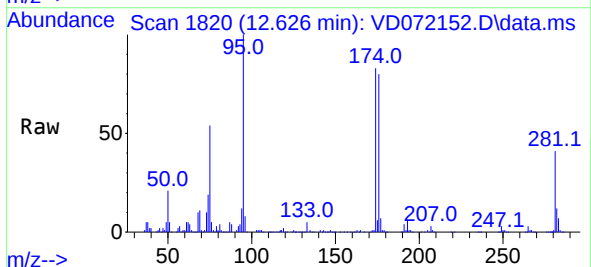
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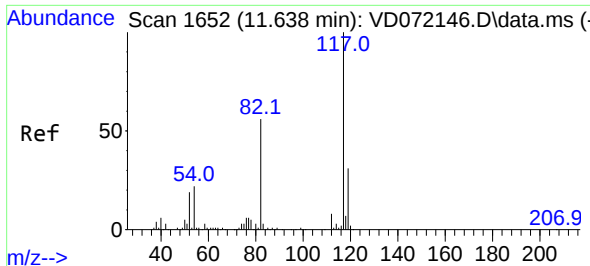
Tgt Ion: 98 Resp: 1086311
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.694 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

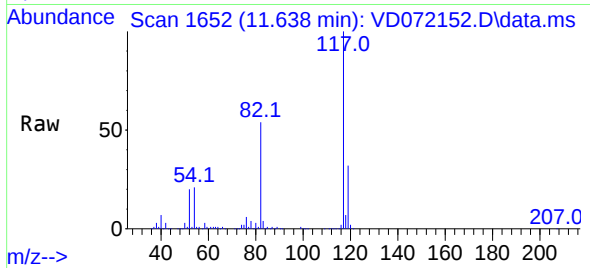
Tgt Ion: 95 Resp: 421203
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 76.5 0.0 145.4



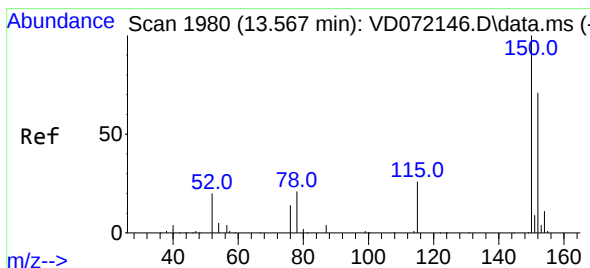
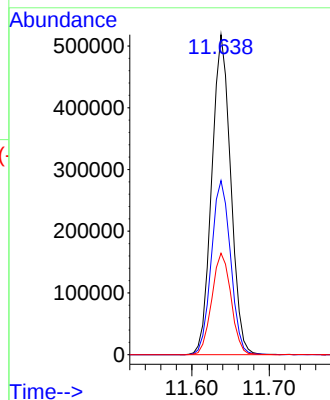
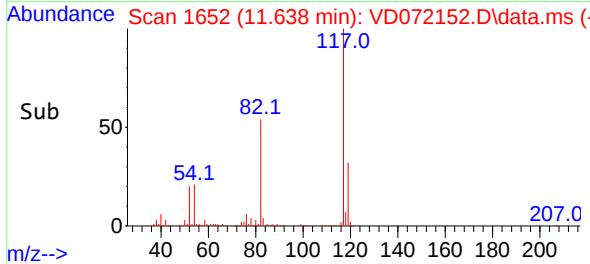


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072152.D
Acq: 11 Mar 2022 16:12

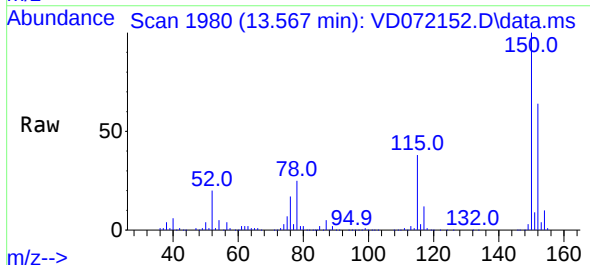
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01



Tgt Ion:117 Resp: 879182
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 31.7 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: VD072152.D
Acq: 11 Mar 2022 16:12



Tgt Ion:152 Resp: 427817
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 158.2 0.0 348.6

