

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072456.D
 Acq On : 28 Mar 2022 20:44
 Operator : VA/SY
 Sample : N2103-09
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20019

Quant Time: Mar 29 01:32:23 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	121454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	212057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	269709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	148455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	84959	62.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.540%
35) Dibromofluoromethane	7.908	113	73604	49.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.640%
50) Toluene-d8	10.332	98	269734	49.434	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.626	95	138946	65.536	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.080%

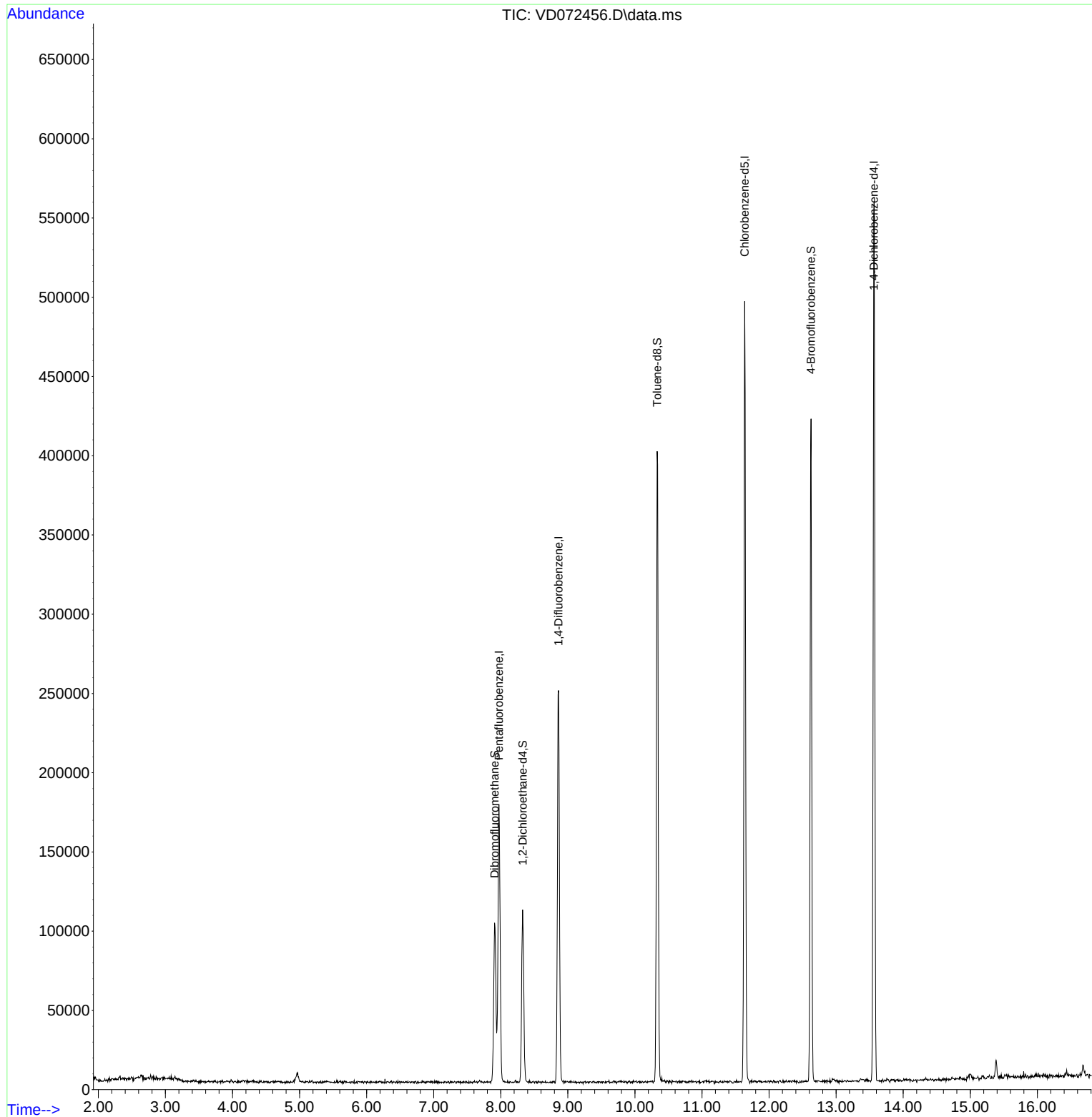
Target Compounds	Qvalue

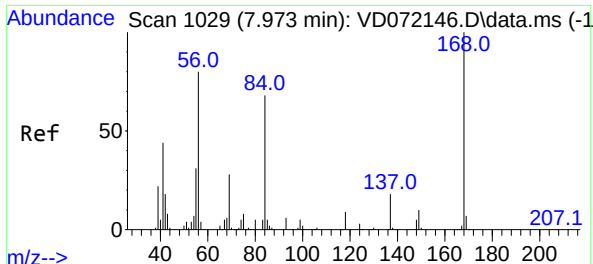
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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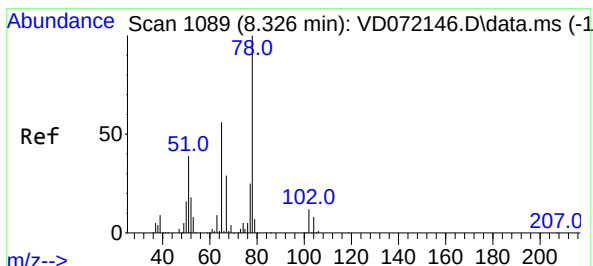
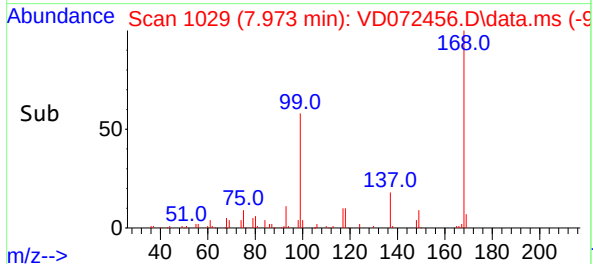
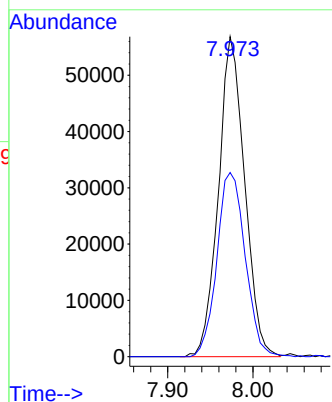
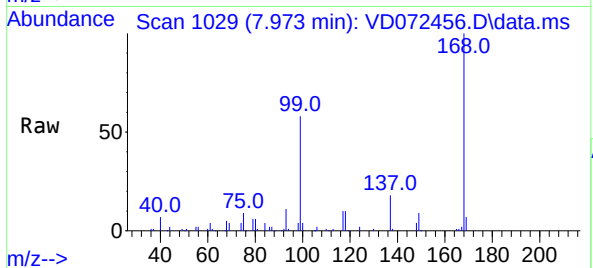




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072456.D
Acq: 28 Mar 2022 20:44

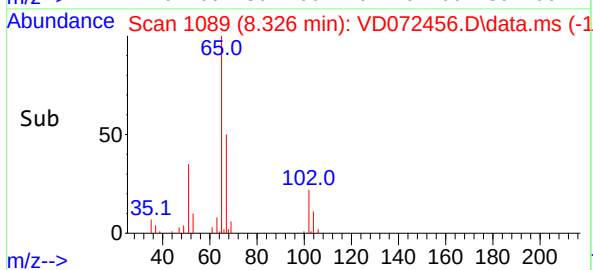
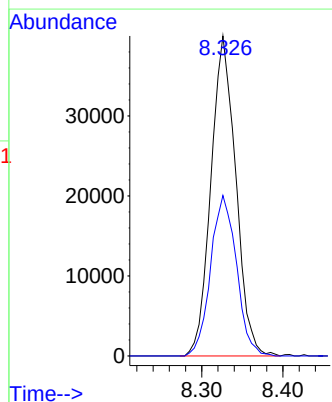
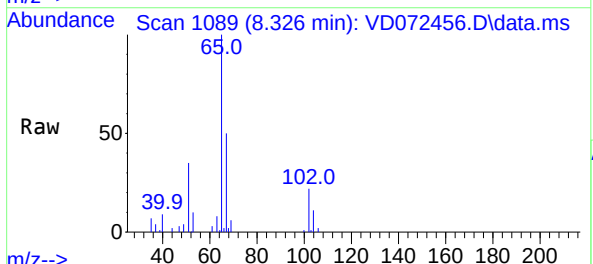
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20019

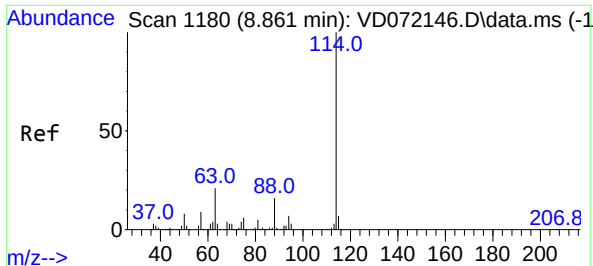
Tgt Ion:168 Resp: 121454
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 62.768 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072456.D
Acq: 28 Mar 2022 20:44

Tgt Ion: 65 Resp: 84959
Ion Ratio Lower Upper
65 100
67 52.2 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: VD072456.D

Acq: 28 Mar 2022 20:44

Instrument :

MSVOA_D

ClientSampleId :

CHRT-20019

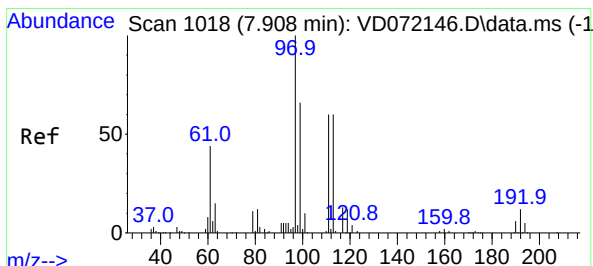
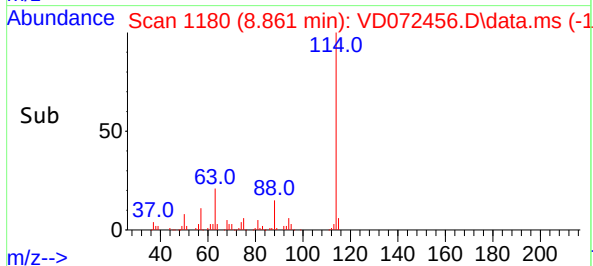
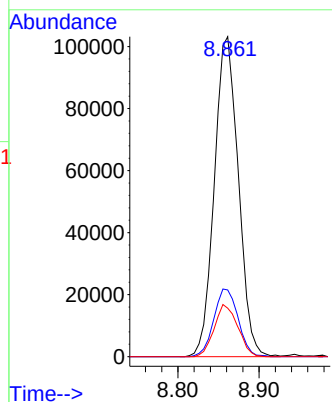
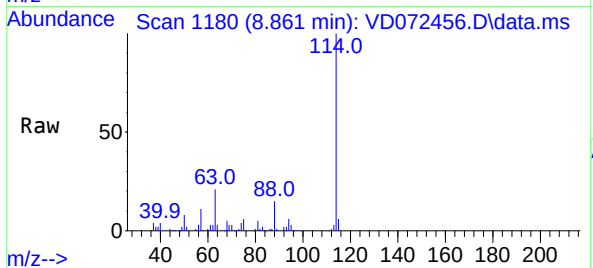
Tgt Ion:114 Resp: 212057

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.324 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072456.D

Acq: 28 Mar 2022 20:44

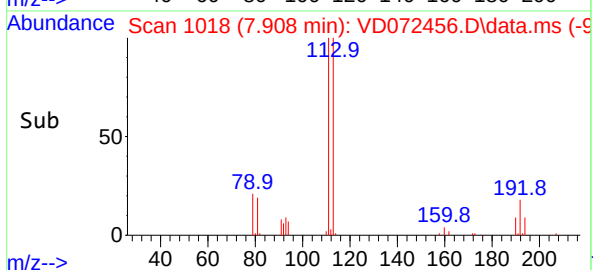
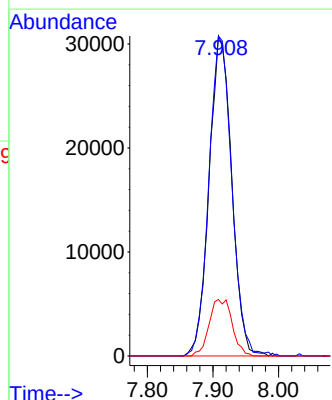
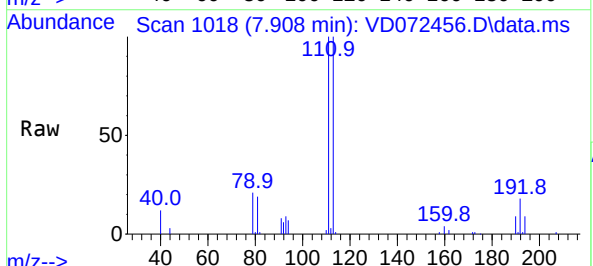
Tgt Ion:113 Resp: 73604

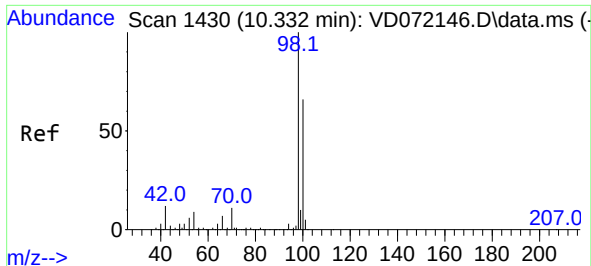
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.0 14.6 21.8

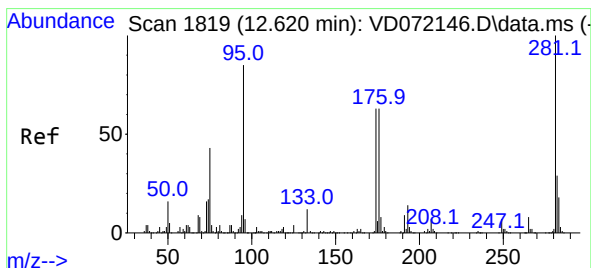
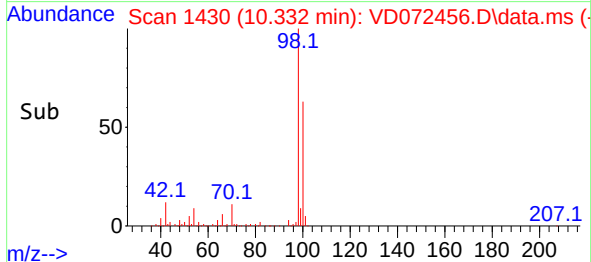
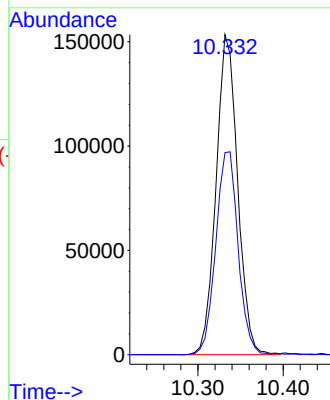
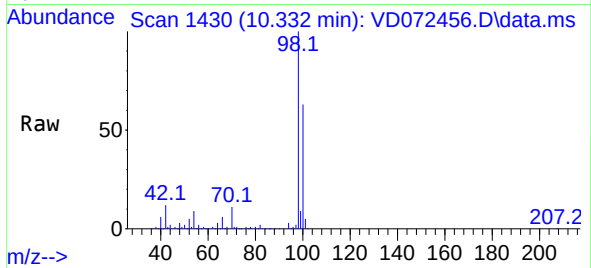




#50
Toluene-d8
Concen: 49.434 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072456.D
Acq: 28 Mar 2022 20:44

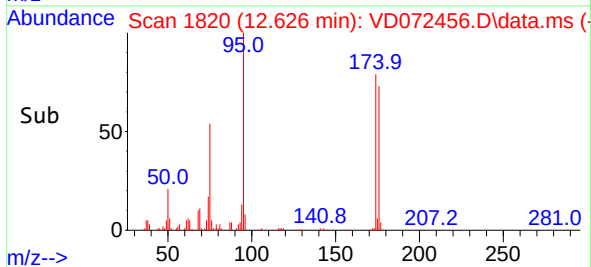
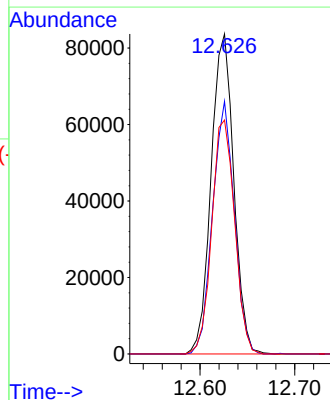
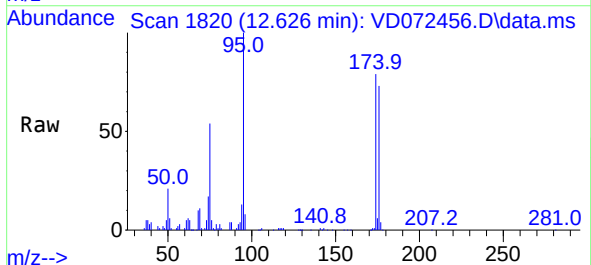
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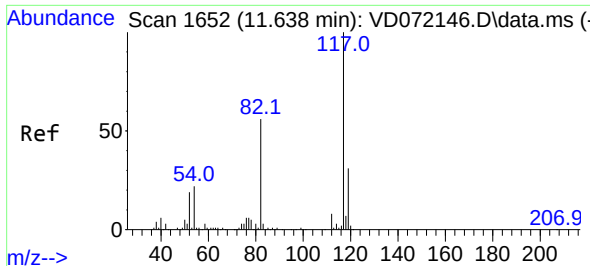
Tgt Ion: 98 Resp: 269734
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 65.536 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072456.D
Acq: 28 Mar 2022 20:44

Tgt Ion: 95 Resp: 138946
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 73.8 0.0 145.4

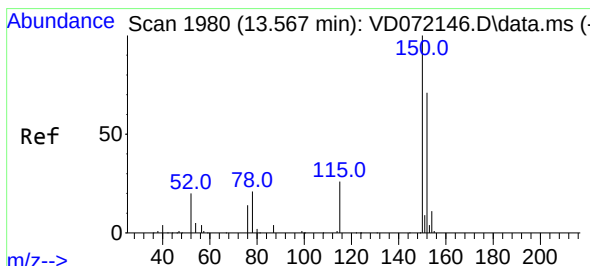
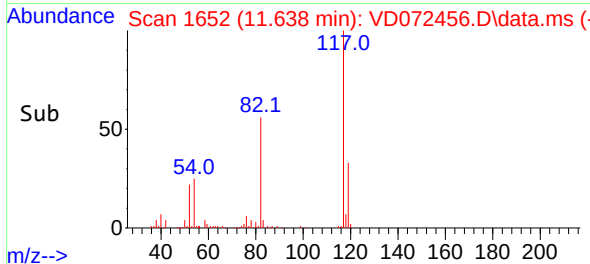
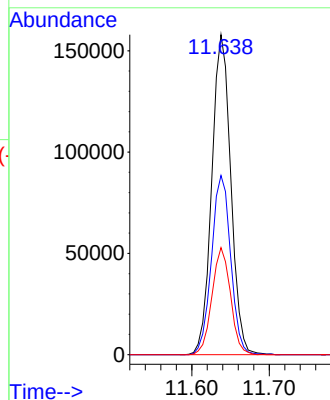
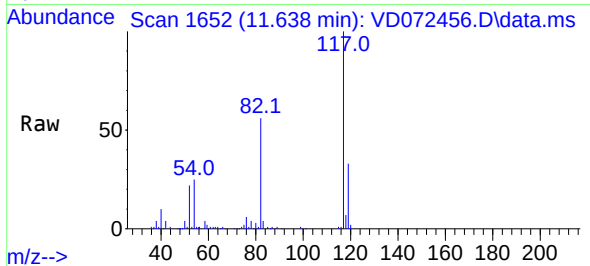




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072456.D
Acq: 28 Mar 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20019

Tgt Ion:117 Resp: 269709
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 33.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072456.D
Acq: 28 Mar 2022 20:44

Tgt Ion:152 Resp: 148455
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 156.1 0.0 348.6

