

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072174.D
 Acq On : 14 Mar 2022 18:22
 Operator : VA/SY
 Sample : N1936-02
 Misc : 7.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-148-IDWSO-20220311-2

Quant Time: Mar 15 01:25:34 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	193088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	379972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	427987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	216324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	144013	66.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.840%
35) Dibromofluoromethane	7.914	113	139416	52.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.280%
50) Toluene-d8	10.338	98	492785	50.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.626	95	208503	54.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.760%

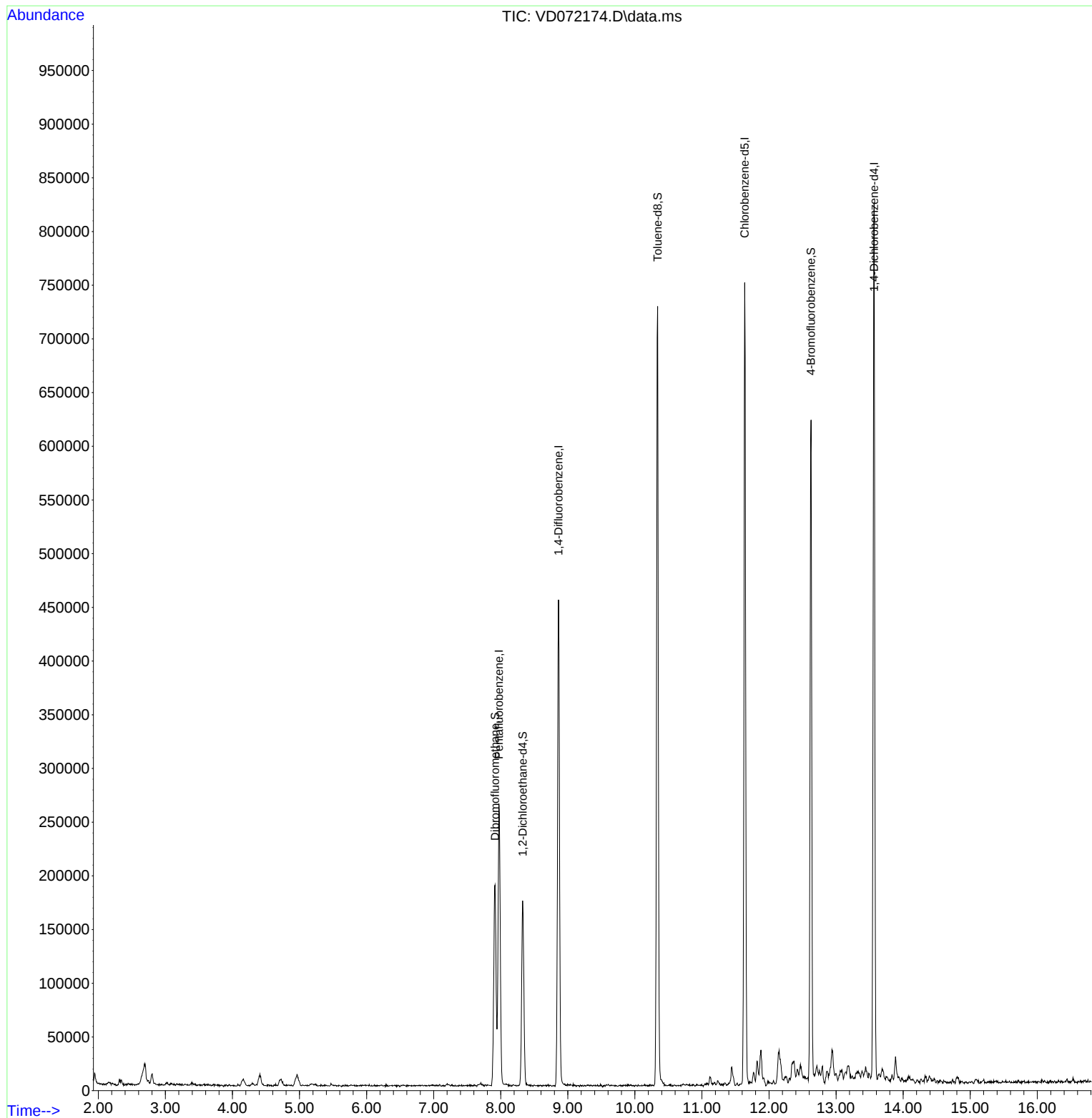
Target Compounds	Qvalue

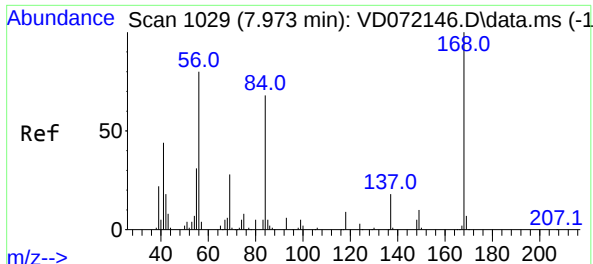
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD072174.D

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Instrument :

MSVOA_D

ClientSampleId :

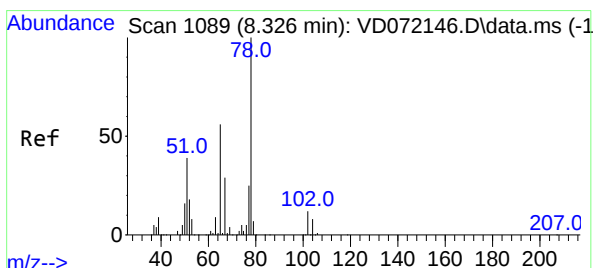
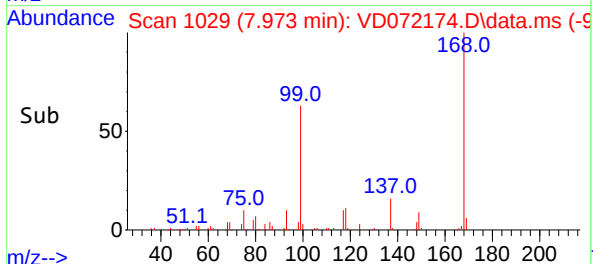
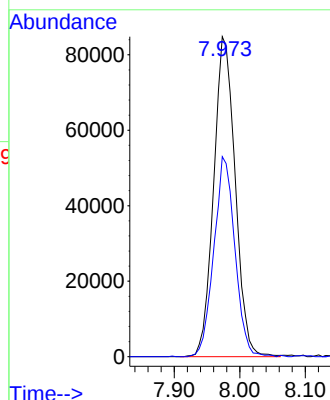
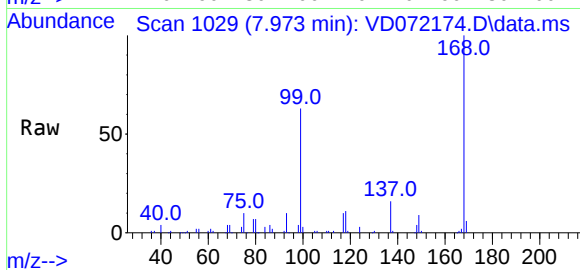
TT-148-IDWSO-20220311-2

Tgt Ion:168 Resp: 193088

Ion Ratio Lower Upper

168 100

99 62.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 66.925 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072174.D

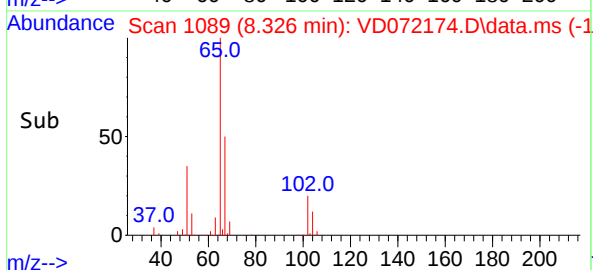
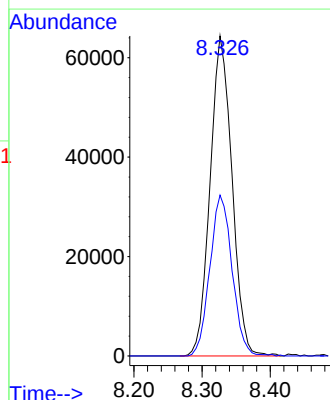
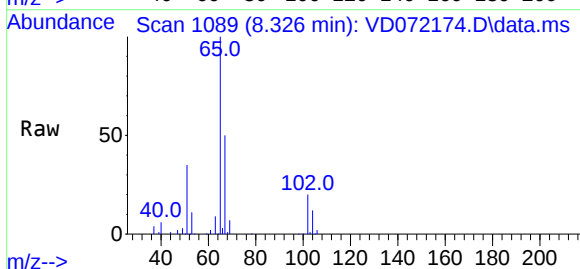
Acq: 14 Mar 2022 18:22

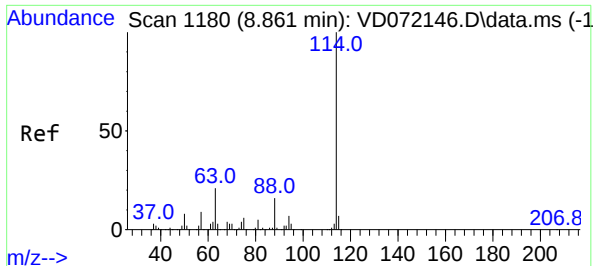
Tgt Ion: 65 Resp: 144013

Ion Ratio Lower Upper

65 100

67 51.0 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: VD072174.D

Acq: 14 Mar 2022 18:22

Instrument :

MSVOA_D

ClientSampleId :

TT-148-IDWSO-20220311-2

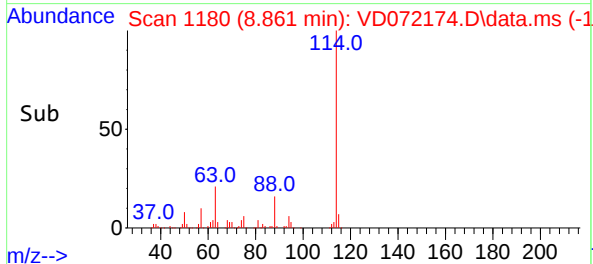
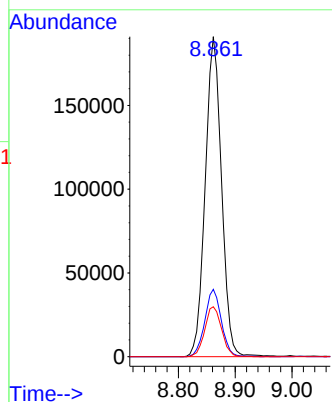
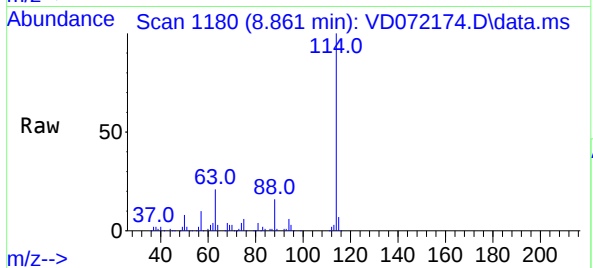
Tgt Ion:114 Resp: 379972

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.140 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072174.D

Acq: 14 Mar 2022 18:22

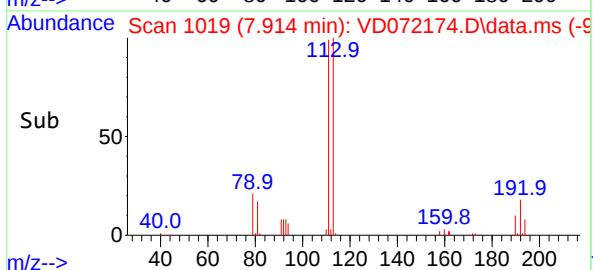
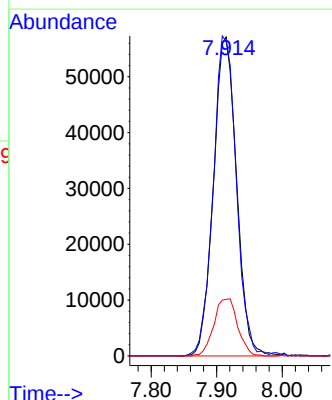
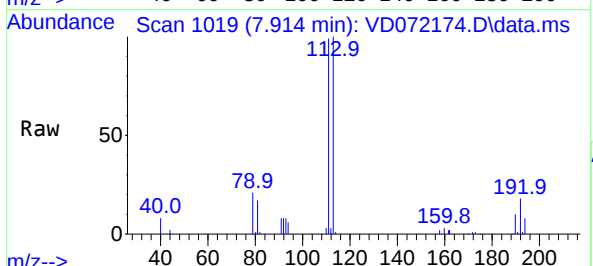
Tgt Ion:113 Resp: 139416

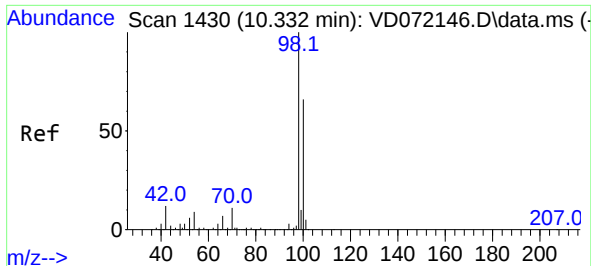
Ion Ratio Lower Upper

113 100

111 100.3 83.8 125.6

192 18.5 14.6 21.8

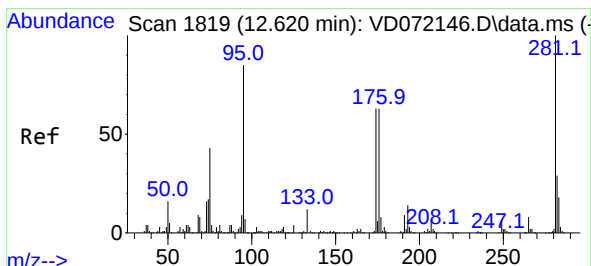
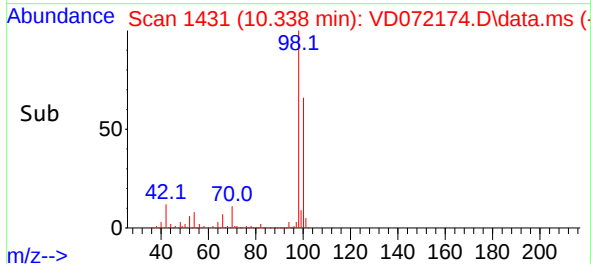
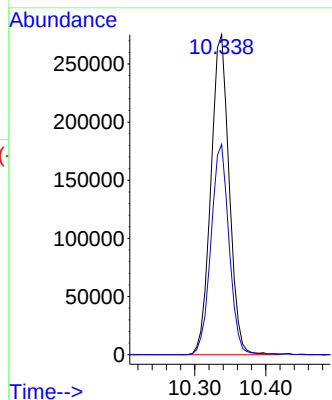
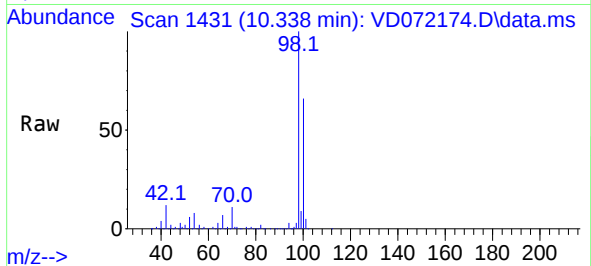




#50
Toluene-d8
Concen: 50.402 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072174.D
Acq: 14 Mar 2022 18:22

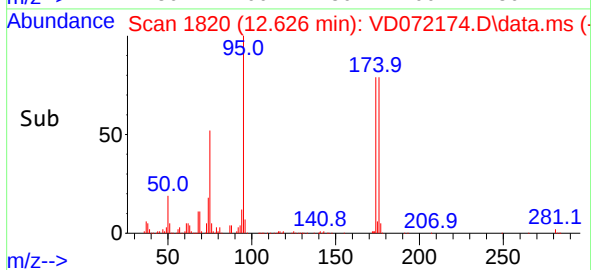
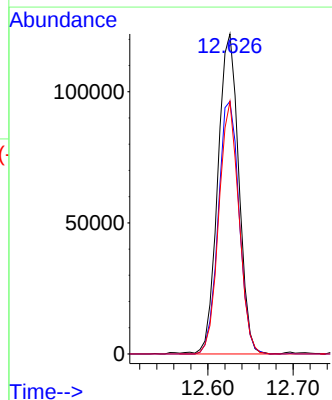
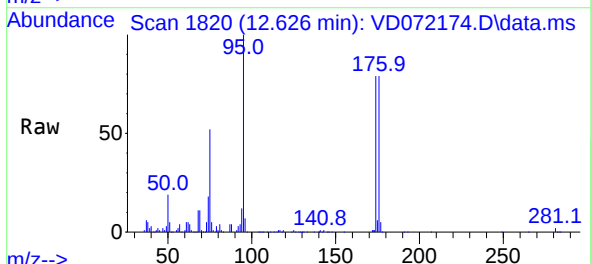
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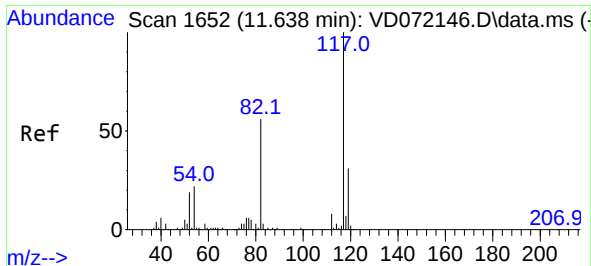
Tgt Ion: 98 Resp: 492785
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.884 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072174.D
Acq: 14 Mar 2022 18:22

Tgt Ion: 95 Resp: 208503
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 75.2 0.0 145.4

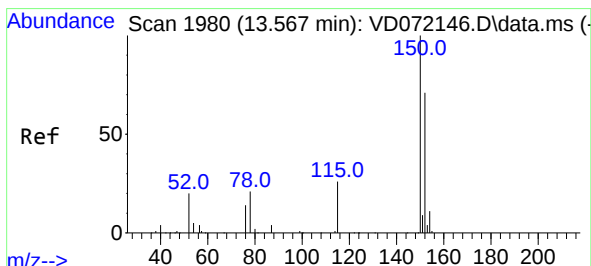
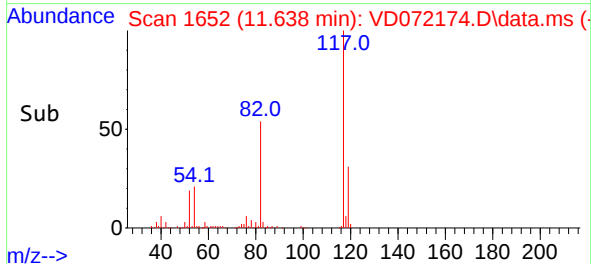
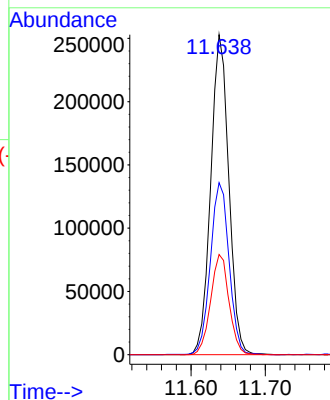
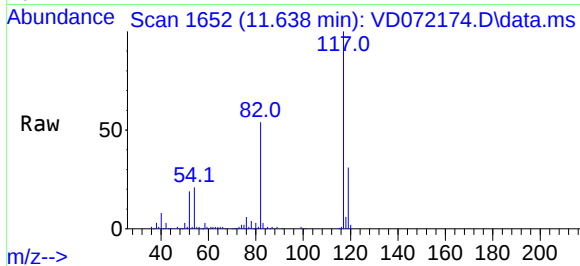




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072174.D
Acq: 14 Mar 2022 18:22

Instrument :
MSVOA_D
ClientSampleId :
TT-148-IDWSO-20220311-2

Tgt Ion:	117	Resp:	427987
Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.3	67.9
119	31.3	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: VD072174.D
Acq: 14 Mar 2022 18:22

Tgt Ion:	152	Resp:	216324
Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.3	93.8
150	156.9	0.0	348.6

