

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072184.D
 Acq On : 15 Mar 2022 13:00
 Operator : VA/SY
 Sample : N1936-02RE
 Misc : 6.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 15 17:44:46 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	39952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	77074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	86621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	40826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	36045	80.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.920%
35) Dibromofluoromethane	7.908	113	31941	58.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.780%
50) Toluene-d8	10.332	98	95011	47.908	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.626	95	39175	50.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.680%

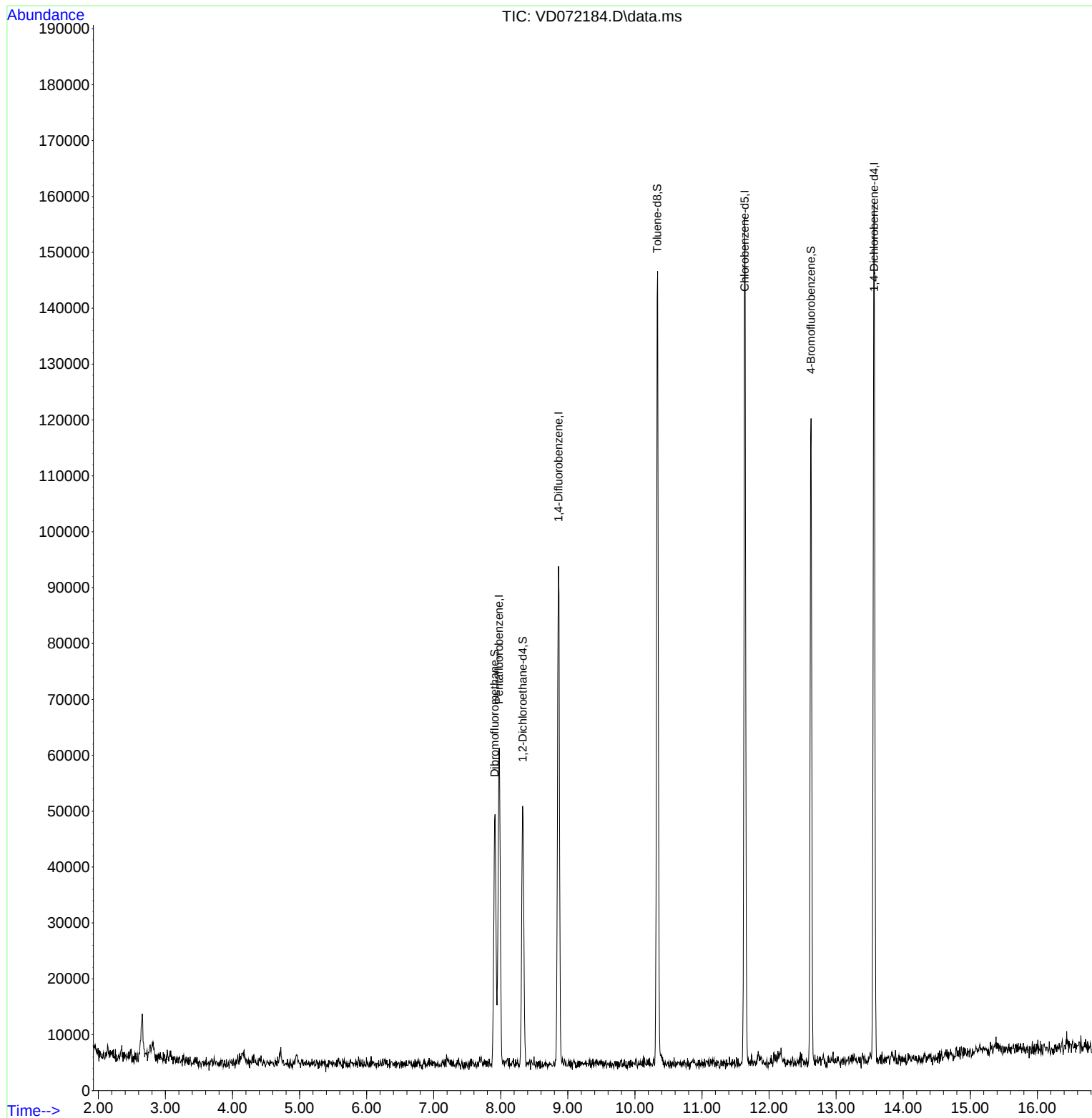
Target Compounds	Qvalue

(#) = 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: VD072184.D

Acq: 15 Mar 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

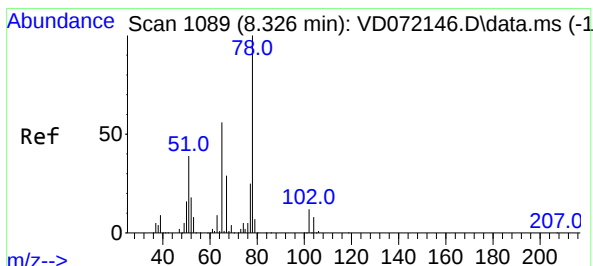
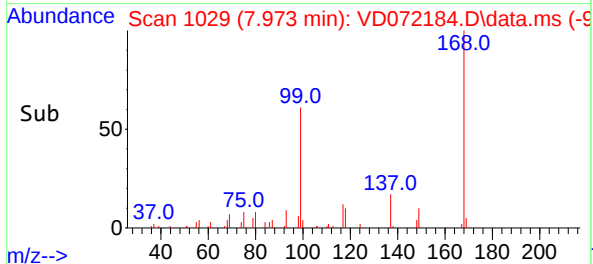
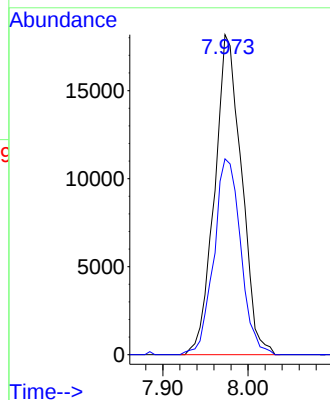
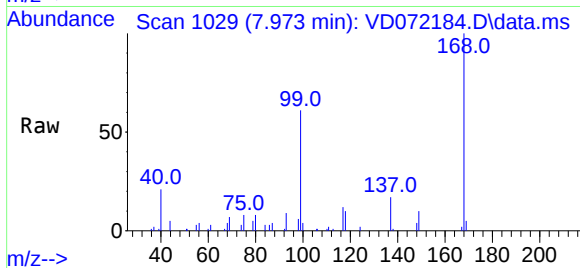
TT-148-IDWSO-20220311-2RE

Tgt Ion:168 Resp: 39952

Ion Ratio Lower Upper

168 100

99 61.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 80.956 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072184.D

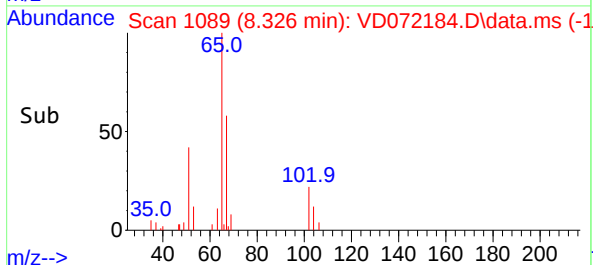
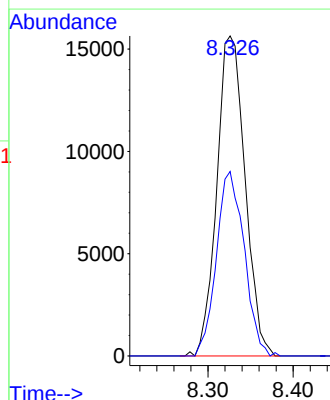
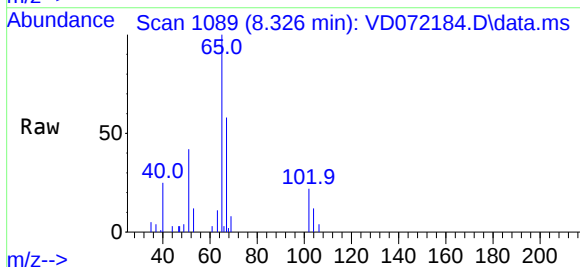
Acq: 15 Mar 2022 13:00

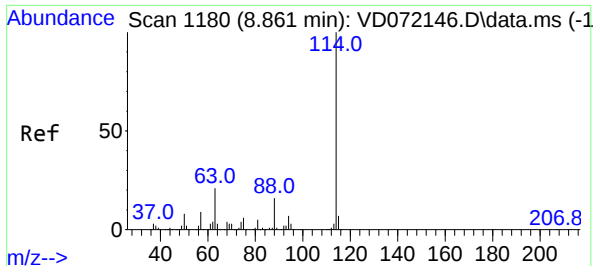
Tgt Ion: 65 Resp: 36045

Ion Ratio Lower Upper

65 100

67 56.6 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: VD072184.D

Acq: 15 Mar 2022 13:00

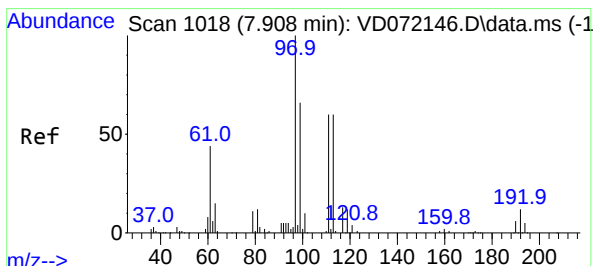
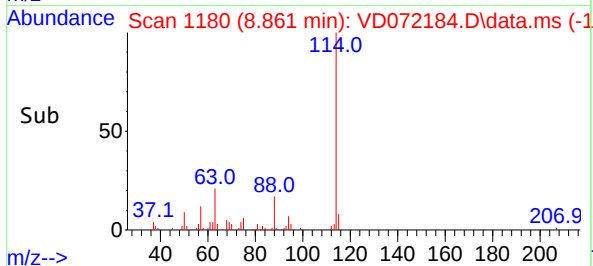
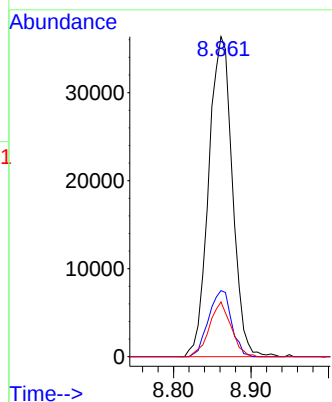
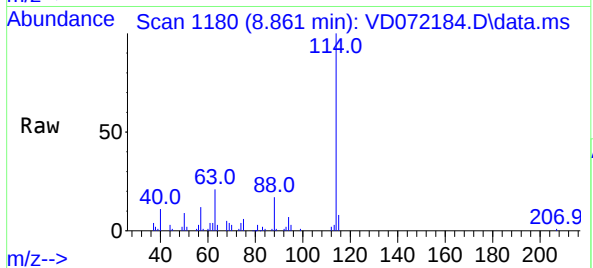
Instrument :

MSVOA_D

ClientSampleId :

TT-148-IDWSO-20220311-2RE

Tgt Ion:	114	Resp:	77074
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	46.6
88	17.1	0.0	33.2



#35

Dibromofluoromethane

Concen: 58.891 ug/l

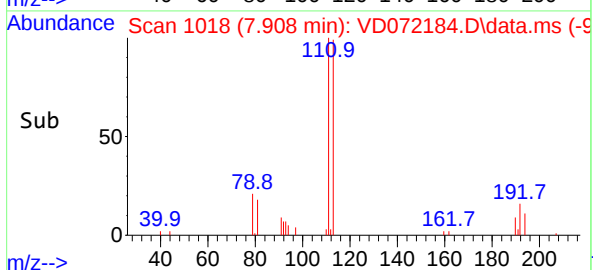
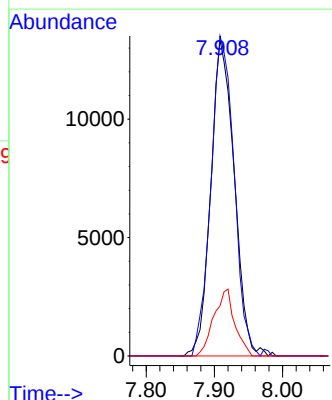
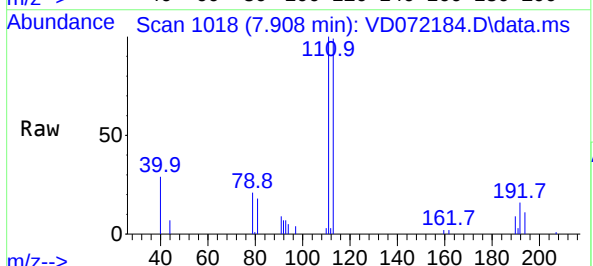
RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072184.D

Acq: 15 Mar 2022 13:00

Tgt Ion:	113	Resp:	31941
Ion Ratio	Lower	Upper	
113	100		
111	100.2	83.8	125.6
192	18.8	14.6	21.8

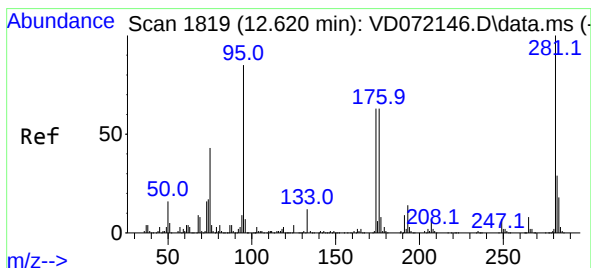
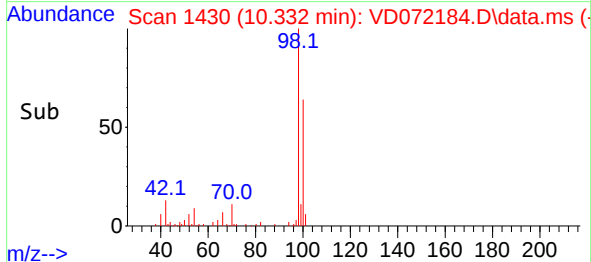
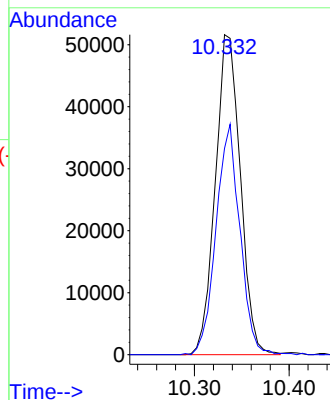
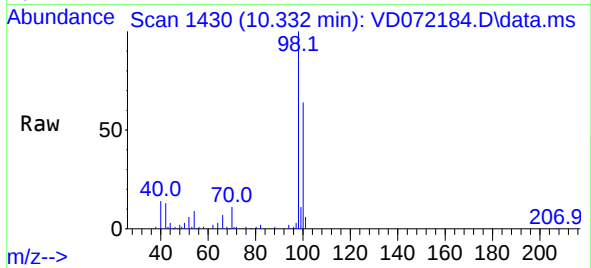




#50
Toluene-d8
Concen: 47.908 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072184.D
Acq: 15 Mar 2022 13:00

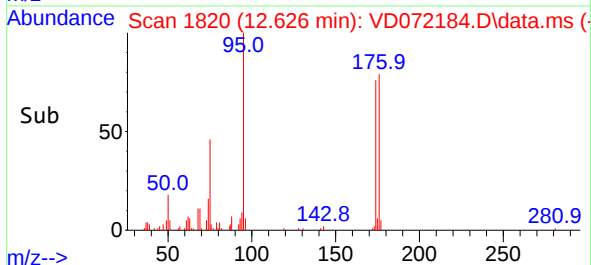
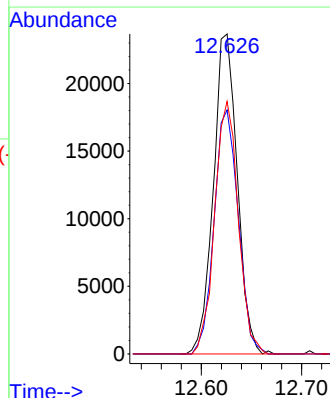
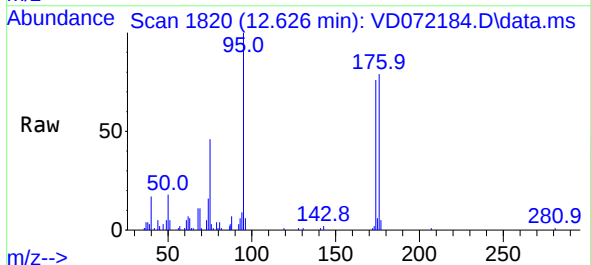
Instrument : MSVOA_D
ClientSampleId : TT-148-IDWSO-20220311-2RE

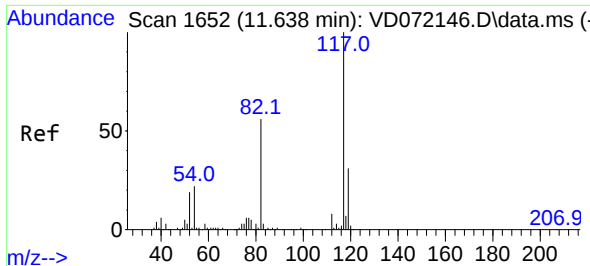
Tgt Ion: 98 Resp: 95011
Ion Ratio Lower Upper
98 100
100 68.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.838 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072184.D
Acq: 15 Mar 2022 13:00

Tgt Ion: 95 Resp: 39175
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 78.0 0.0 145.4

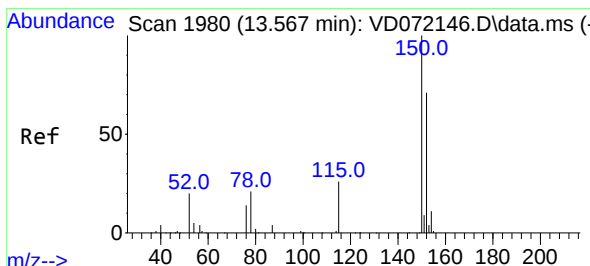
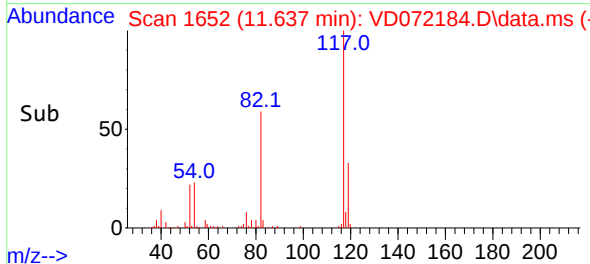
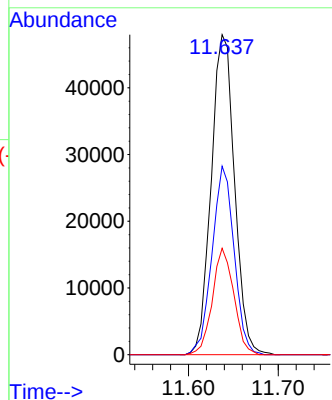
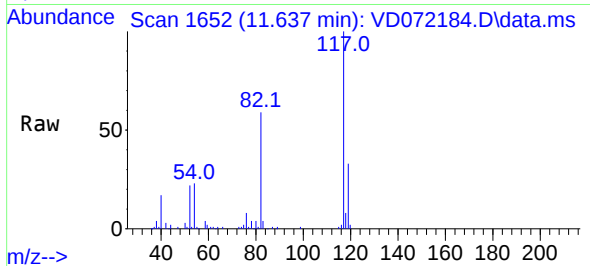




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072184.D
Acq: 15 Mar 2022 13:00

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

Tgt Ion:	117	Resp:	86621
Ion Ratio	Lower	Upper	
117	100		
82	58.9	45.3	67.9
119	33.3	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: VD072184.D
Acq: 15 Mar 2022 13:00

Tgt Ion:	152	Resp:	40826
Ion Ratio	Lower	Upper	
152	100		
115	59.3	31.3	93.8
150	159.5	0.0	348.6

