

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072189.D
 Acq On : 15 Mar 2022 15:21
 Operator : VA/SY
 Sample : N1851-09
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUM-38

Quant Time: Mar 15 17:46:31 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	32942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	65183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	71421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	35893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	36001	98.063	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	196.120%#
35) Dibromofluoromethane	7.908	113	28785	62.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.500%
50) Toluene-d8	10.332	98	77862	46.423	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.840%
62) 4-Bromofluorobenzene	12.626	95	31294	48.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.040%

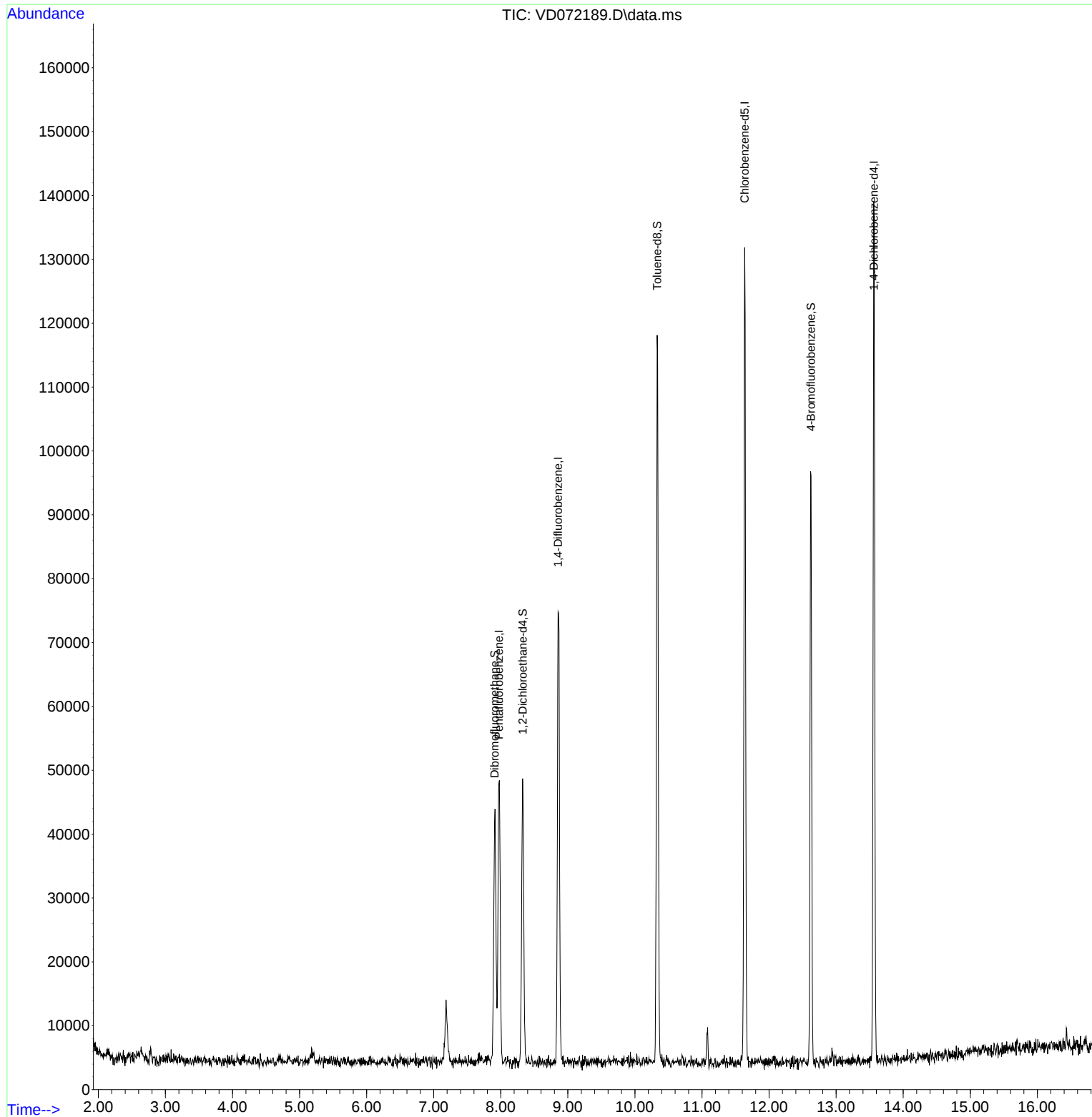
Target Compounds	Qvalue

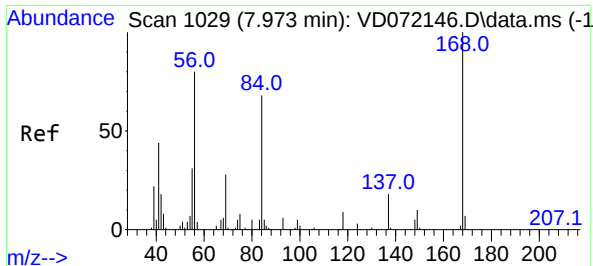
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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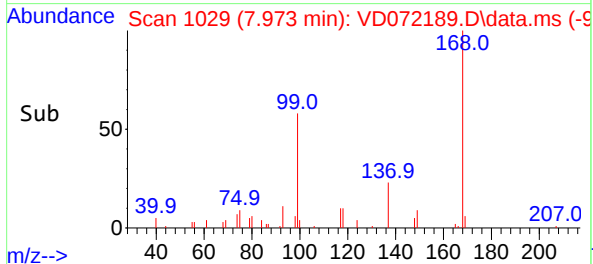
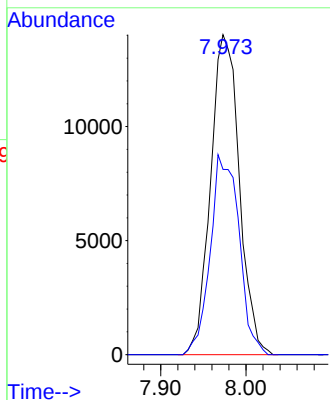
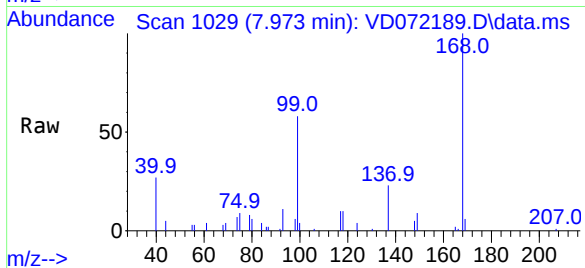




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072189.D
Acq: 15 Mar 2022 15:21

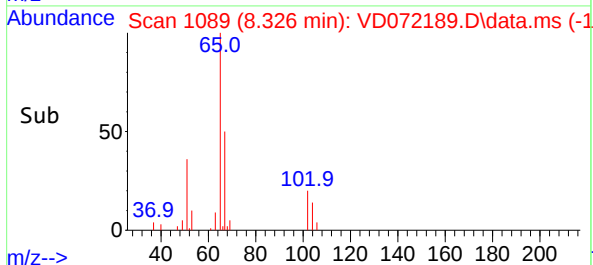
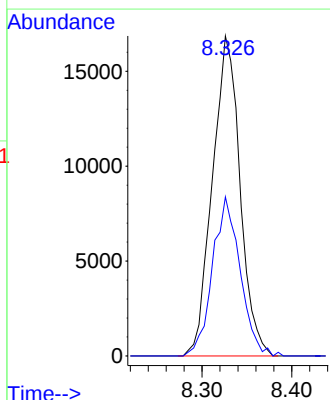
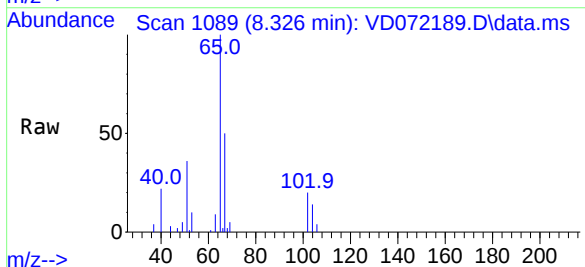
Instrument :
MSVOA_D
ClientSampleId :
DUM-38

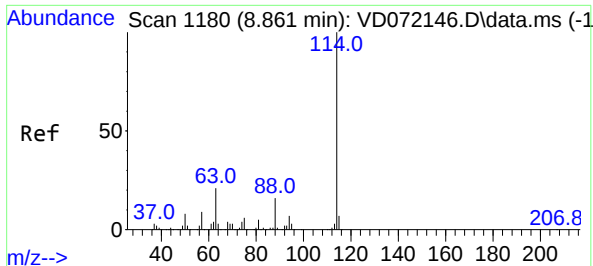
Tgt Ion:168 Resp: 32942
Ion Ratio Lower Upper
168 100
99 57.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 98.063 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072189.D
Acq: 15 Mar 2022 15:21

Tgt Ion: 65 Resp: 36001
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072189.D

Acq: 15 Mar 2022 15:21

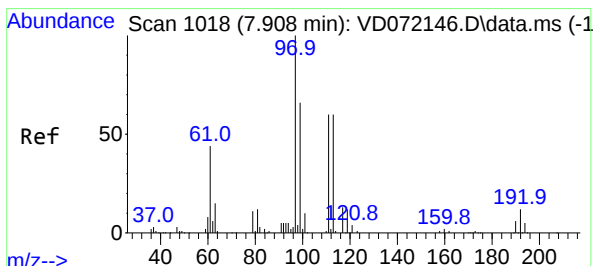
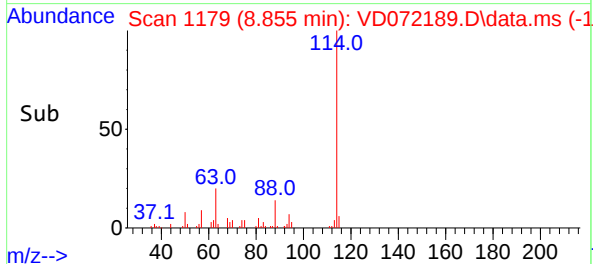
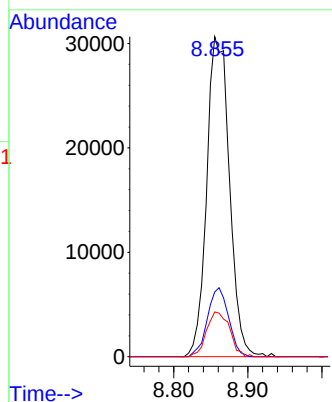
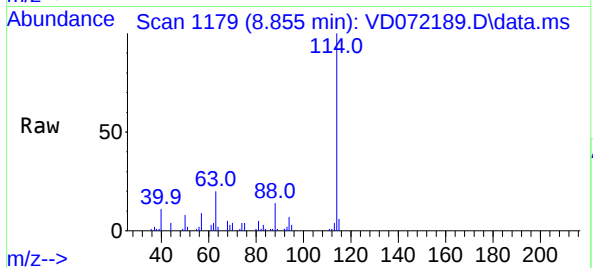
Instrument :

MSVOA_D

ClientSampleId :

DUM-38

Tgt Ion:114	Resp:	65183
Ion	Ratio	Lower Upper
114	100	
63	20.2	0.0 46.6
88	14.0	0.0 33.2



#35

Dibromofluoromethane

Concen: 62.754 ug/l

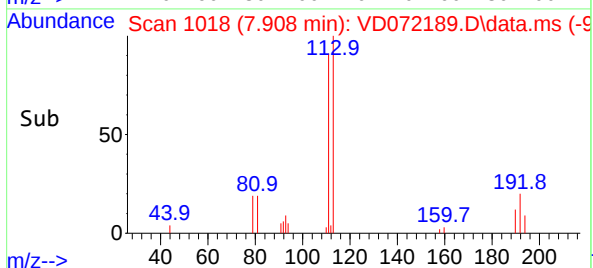
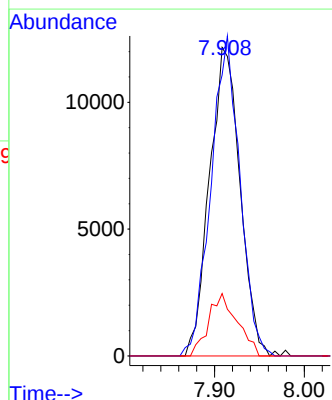
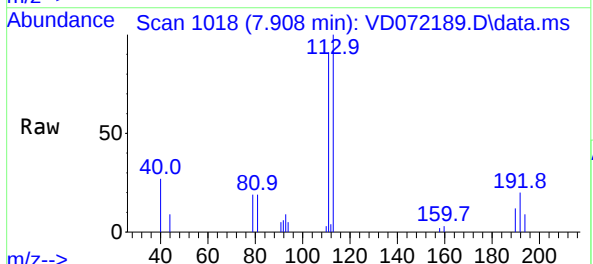
RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072189.D

Acq: 15 Mar 2022 15:21

Tgt Ion:113	Resp:	28785
Ion	Ratio	Lower Upper
113	100	
111	98.0	83.8 125.6
192	18.9	14.6 21.8

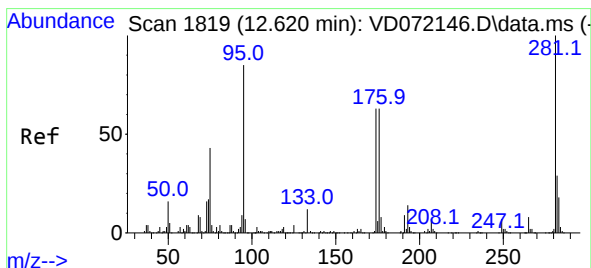
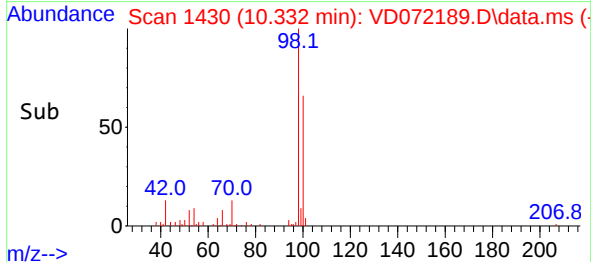
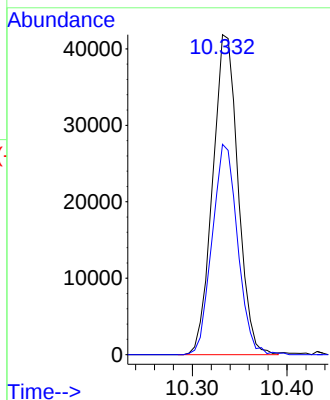
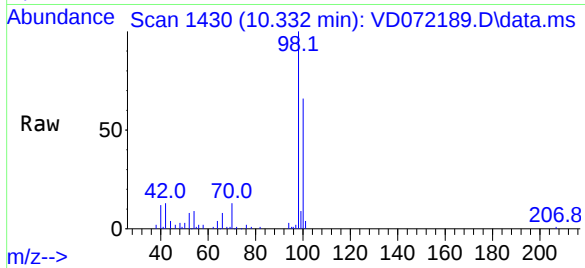




#50
Toluene-d8
Concen: 46.423 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072189.D
Acq: 15 Mar 2022 15:21

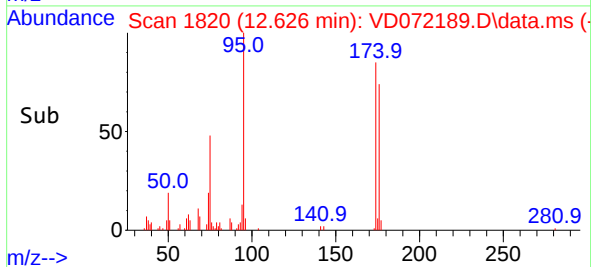
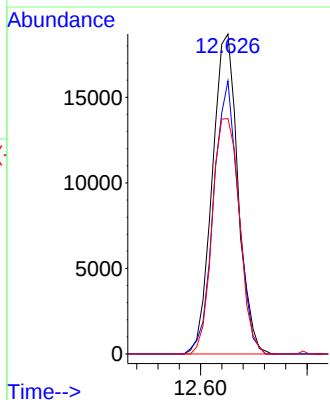
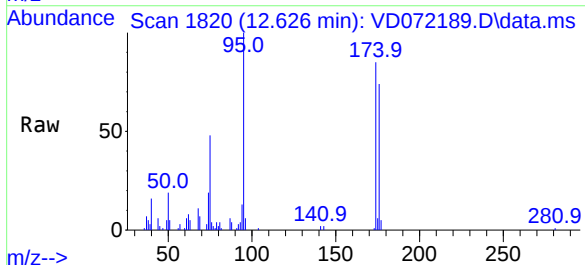
Instrument :
MSVOA_D
ClientSampleId :
DUM-38

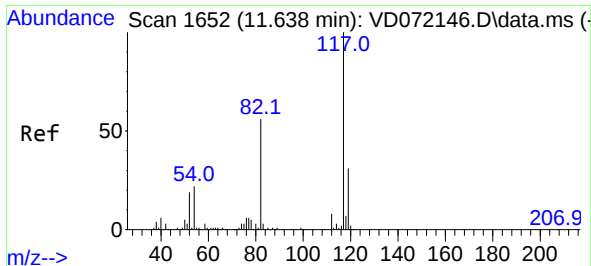
Tgt Ion: 98 Resp: 77862
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.019 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072189.D
Acq: 15 Mar 2022 15:21

Tgt Ion: 95 Resp: 31294
Ion Ratio Lower Upper
95 100
174 82.3 0.0 152.8
176 77.9 0.0 145.4

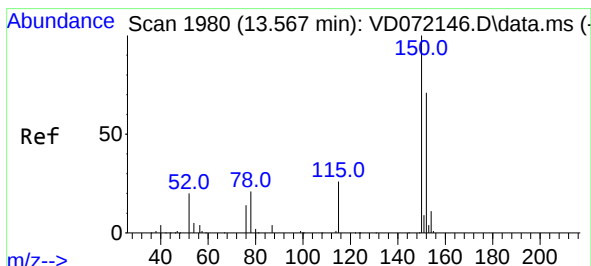
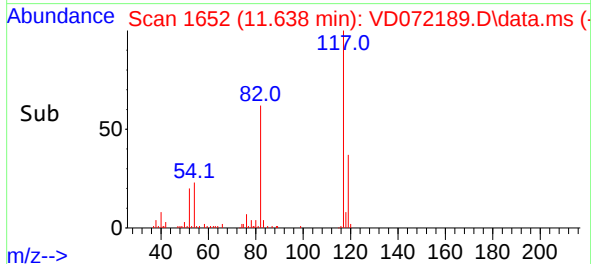
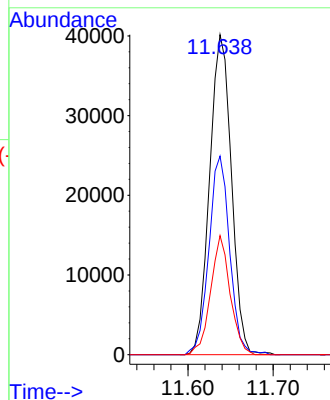
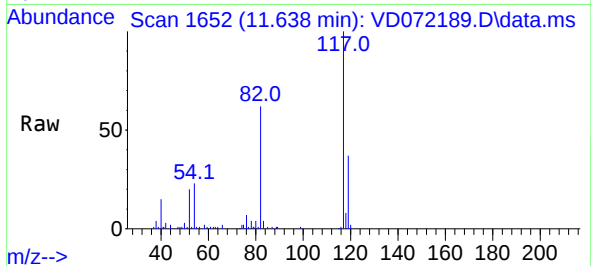




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072189.D
Acq: 15 Mar 2022 15:21

Instrument :
MSVOA_D
ClientSampleId :
DUM-38

Tgt Ion:117 Resp: 71421
Ion Ratio Lower Upper
117 100
82 62.0 45.3 67.9
119 37.2 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: VD072189.D
Acq: 15 Mar 2022 15:21

Tgt Ion:152 Resp: 35893
Ion Ratio Lower Upper
152 100
115 59.6 31.3 93.8
150 155.9 0.0 348.6

