

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
 Data File : VD073942.D
 Acq On : 03 Aug 2022 16:01
 Operator : VA/SY
 Sample : N3989-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-04-080122RE

Quant Time: Aug 04 02:52:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	10660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	20678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	22848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	10527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9515	114.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	228.860%#
35) Dibromofluoromethane	7.908	113	7828	60.930	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.860%
50) Toluene-d8	10.326	98	19129	44.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.400%
62) 4-Bromofluorobenzene	12.620	95	8601	54.044	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.080%

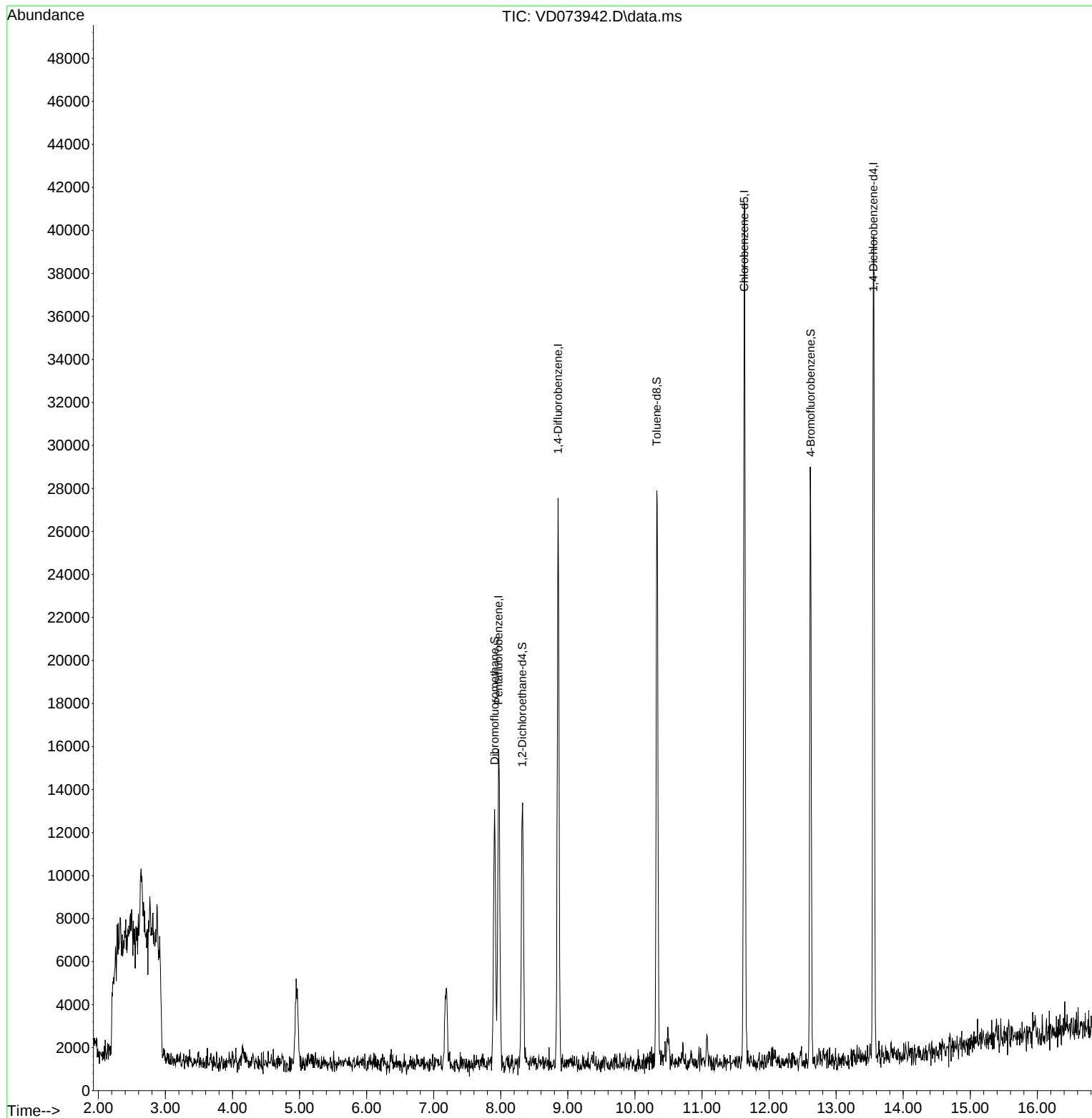
Target Compounds	Qvalue

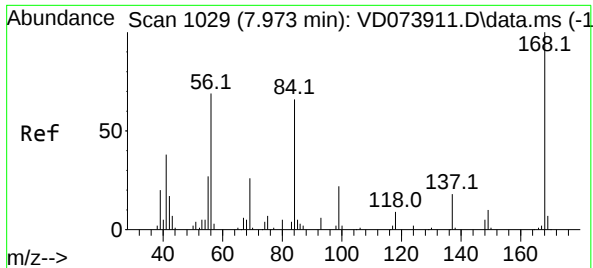
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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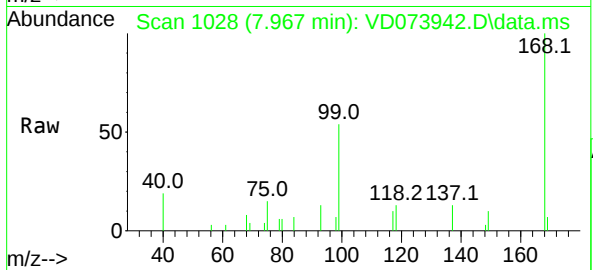
Quant Time: Aug 04 02:52:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
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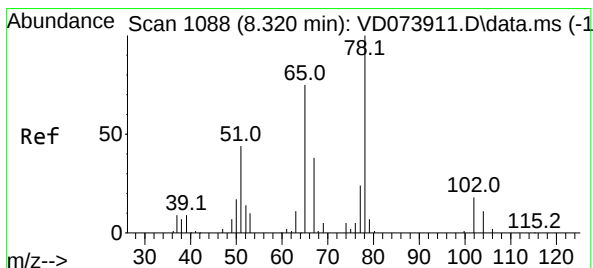
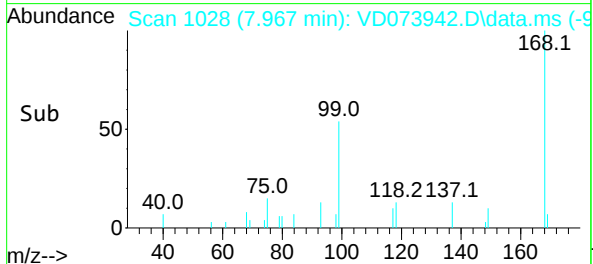
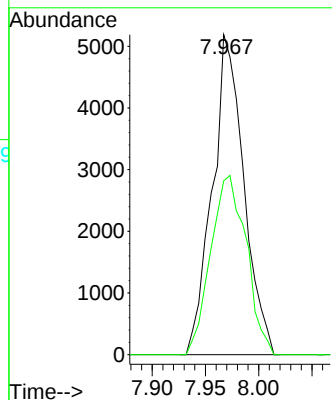


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073942.D
Acq: 03 Aug 2022 16:01

Instrument :
MSVOA_D
ClientSampleId :
OK-04-080122RE

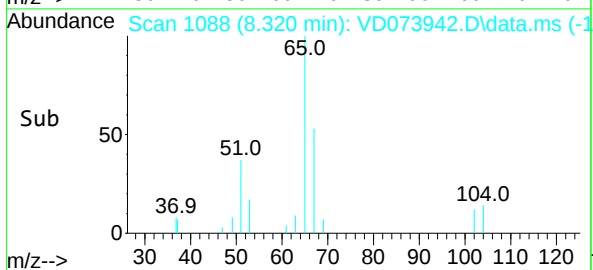
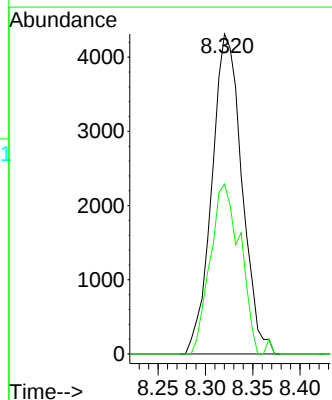
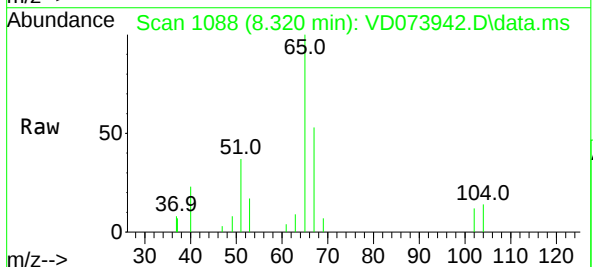


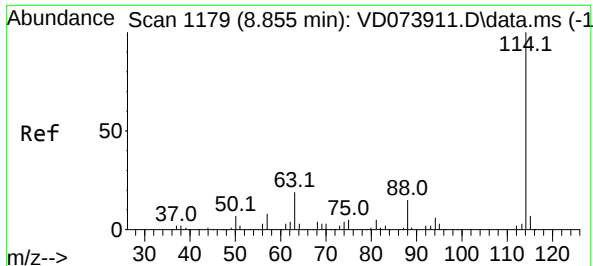
Tgt Ion:168 Resp: 10660
Ion Ratio Lower Upper
168 100
99 54.4 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 114.434 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073942.D
Acq: 03 Aug 2022 16:01

Tgt Ion: 65 Resp: 9515
Ion Ratio Lower Upper
65 100
67 52.7 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073942.D

Acq: 03 Aug 2022 16:01

Instrument :

MSVOA_D

ClientSampleId :

OK-04-080122RE

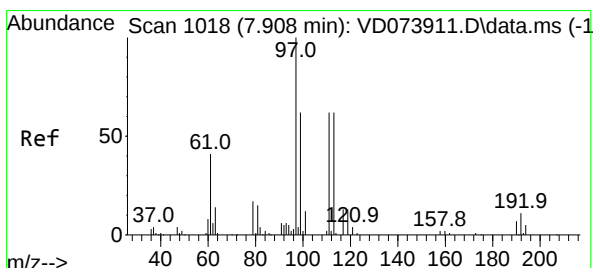
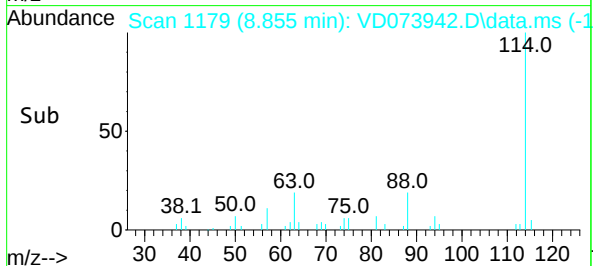
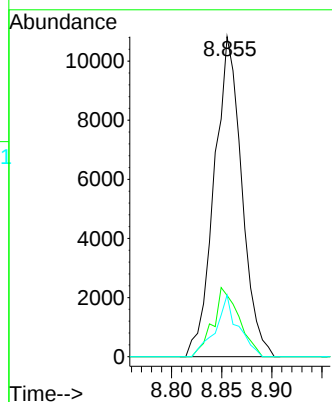
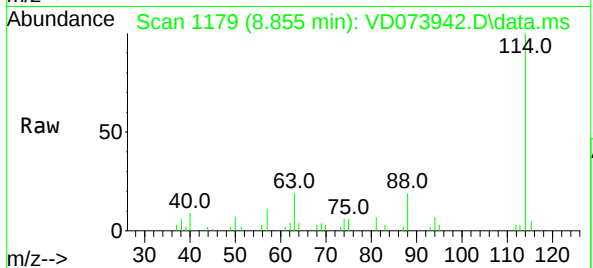
Tgt Ion:114 Resp: 20678

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 19.2 0.0 30.2



#35

Dibromofluoromethane

Concen: 60.930 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073942.D

Acq: 03 Aug 2022 16:01

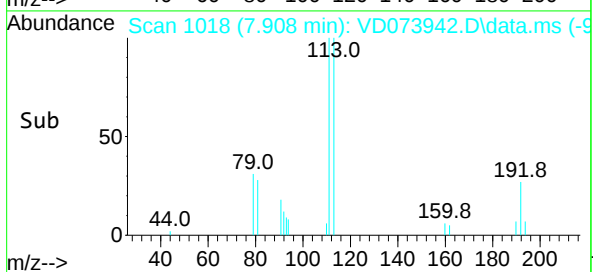
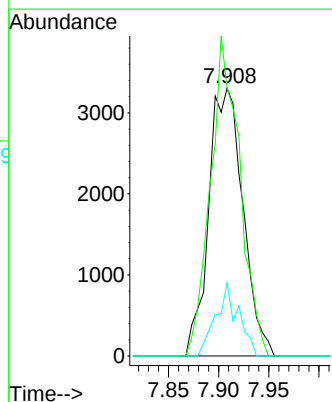
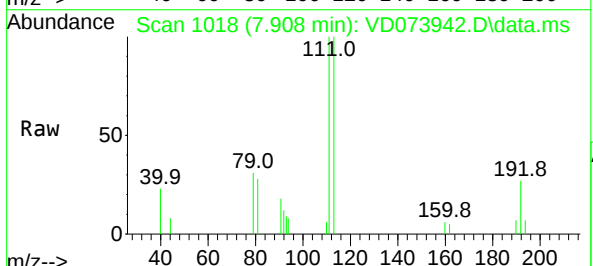
Tgt Ion:113 Resp: 7828

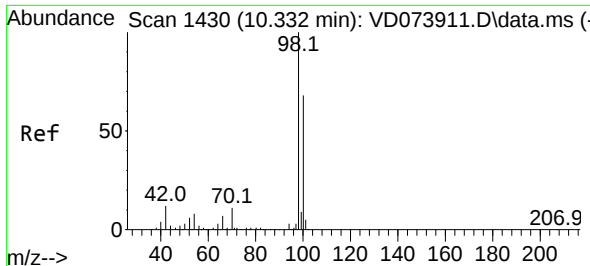
Ion Ratio Lower Upper

113 100

111 102.6 83.7 125.5

192 17.9 15.0 22.6

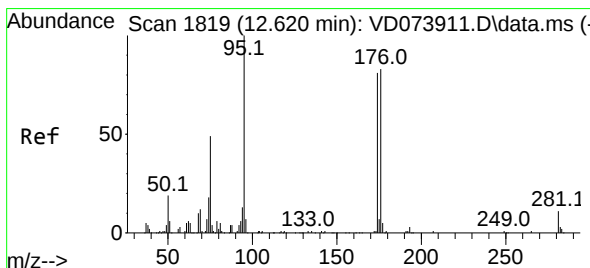
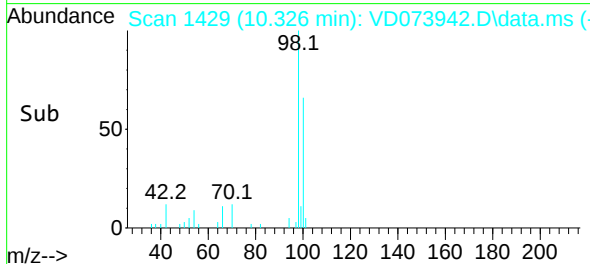
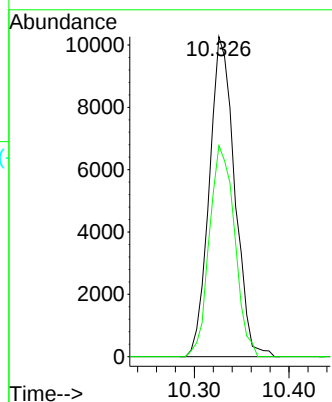
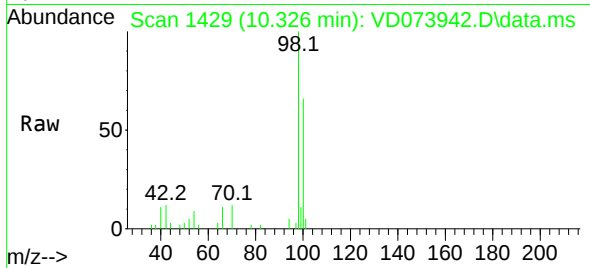




#50
Toluene-d8
Concen: 44.202 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073942.D
Acq: 03 Aug 2022 16:01

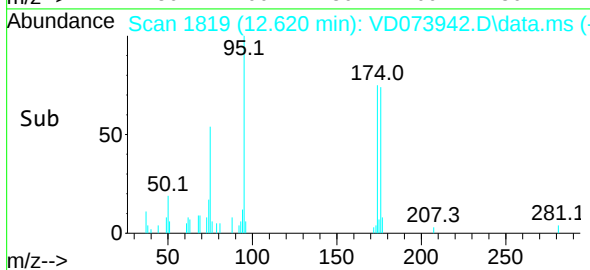
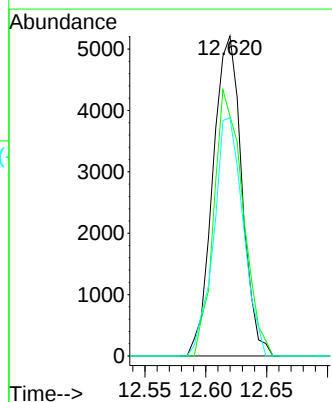
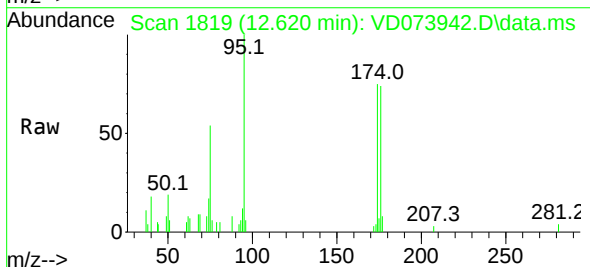
Instrument :
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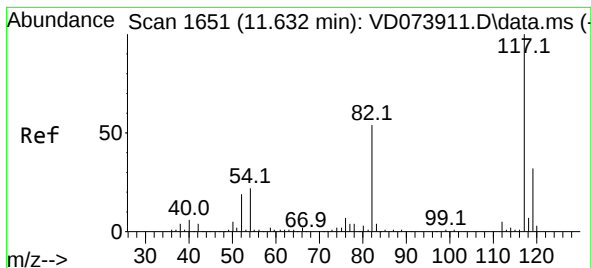
Tgt Ion: 98 Resp: 19129
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.044 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073942.D
Acq: 03 Aug 2022 16:01

Tgt Ion: 95 Resp: 8601
Ion Ratio Lower Upper
95 100
174 83.7 0.0 164.2
176 75.8 0.0 161.4

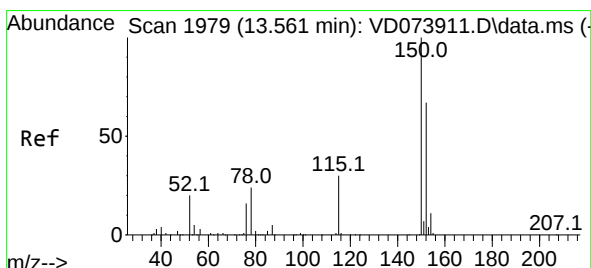
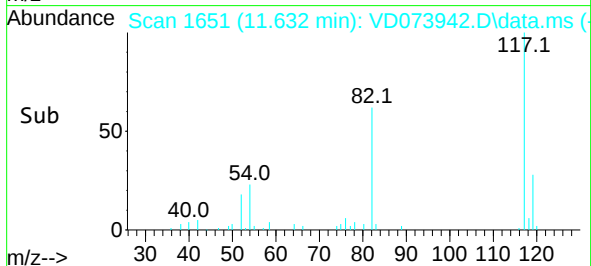
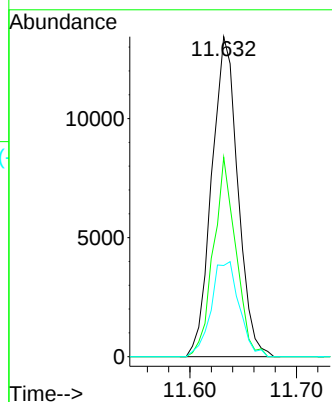
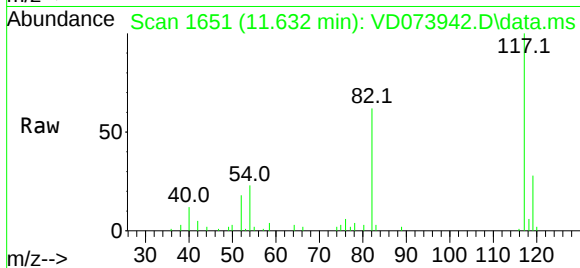




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073942.D
Acq: 03 Aug 2022 16:01

Instrument :
MSVOA_D
ClientSampleId :
OK-04-080122RE

Tgt Ion:	117	Resp:	22848
Ion	Ratio	Lower	Upper
117	100		
82	62.3	43.3	64.9
119	28.5	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073942.D
Acq: 03 Aug 2022 16:01

Tgt Ion:	152	Resp:	10527
Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.1	87.3
150	154.4	0.0	338.2

