

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073928.D
 Acq On : 02 Aug 2022 15:57
 Operator : VA/SY
 Sample : N3990-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-080122

Quant Time: Aug 03 04:13:22 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	7.973	168	3586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	7483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	6848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	2979	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3070	109.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	219.100%#
35) Dibromofluoromethane	7.903	113	2580	55.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.980%
50) Toluene-d8	10.326	98	8572	54.734	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.460%
62) 4-Bromofluorobenzene	12.614	95	3099	53.809	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.620%

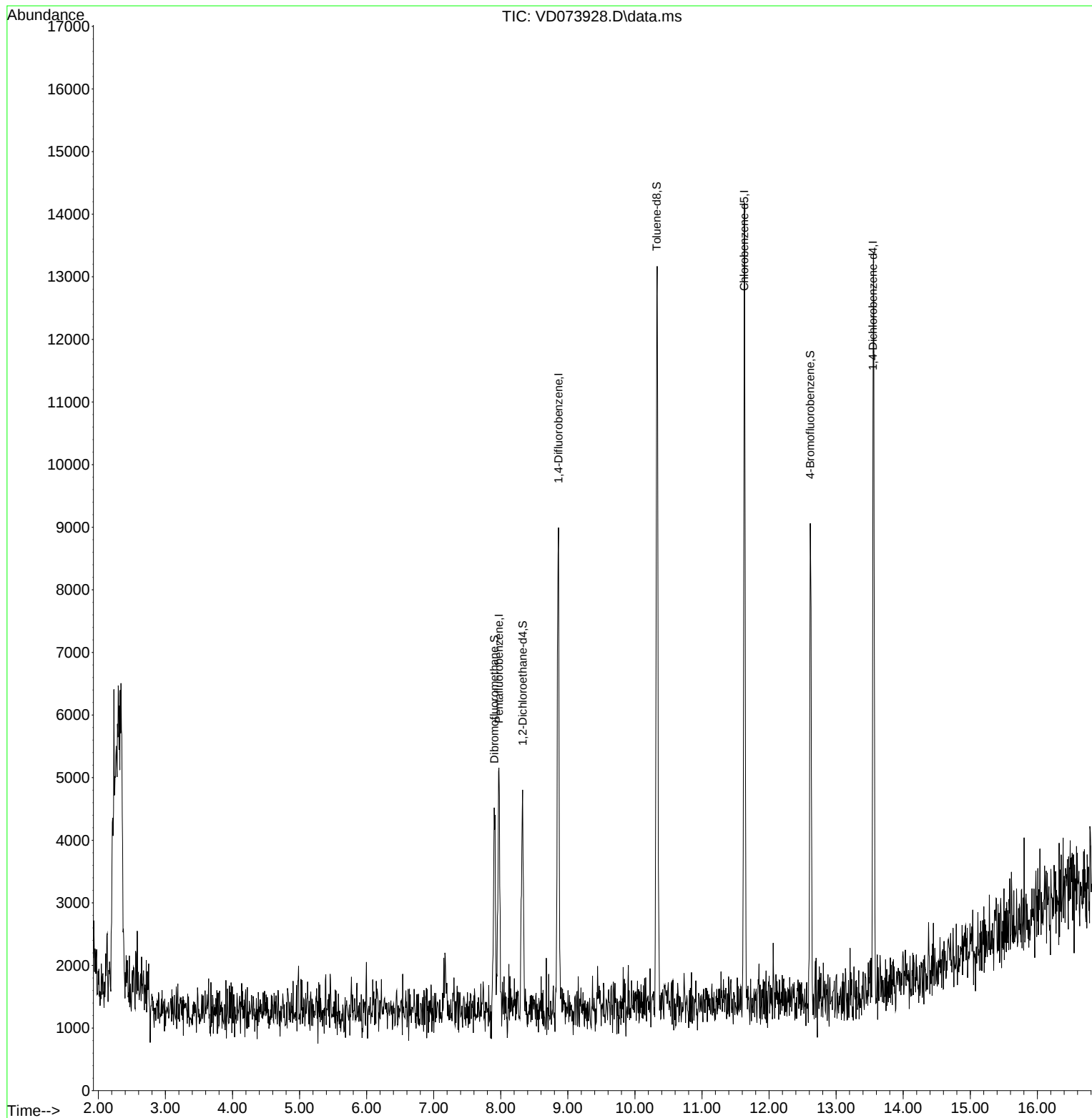
Target Compounds	Qvalue

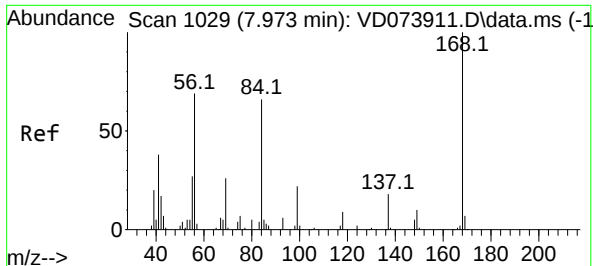
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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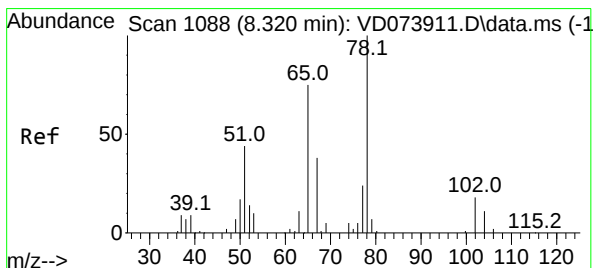
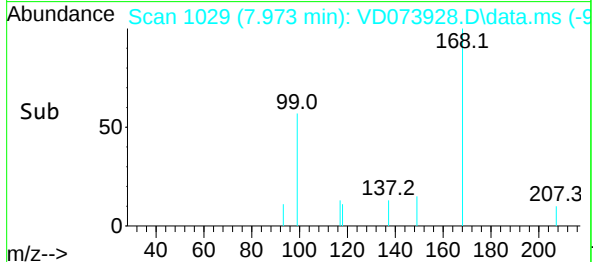
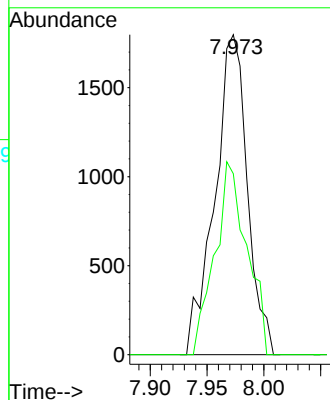
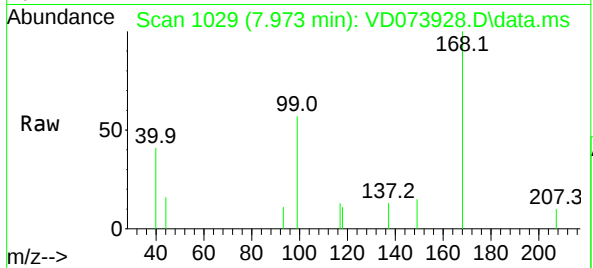




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

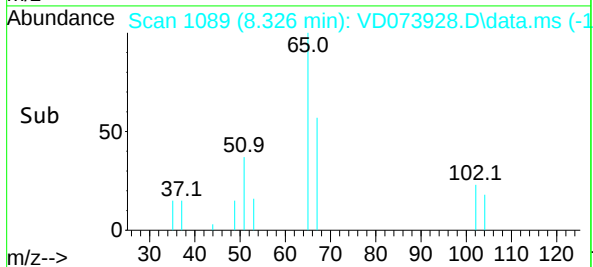
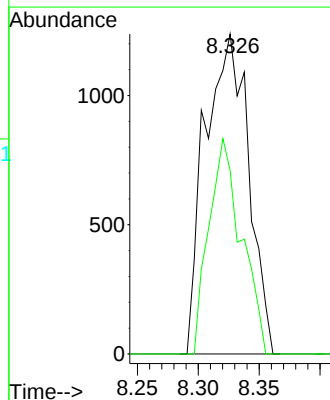
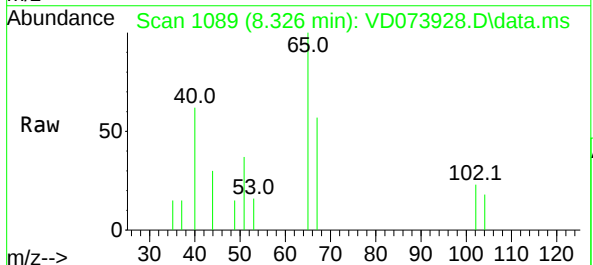
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

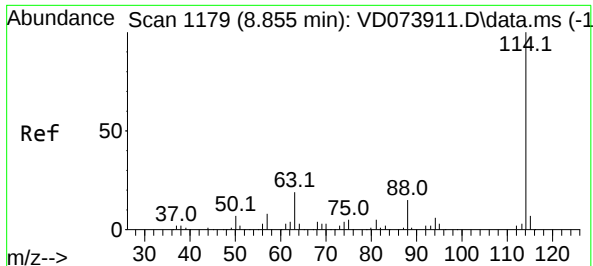
Tgt Ion:168 Resp: 3586
Ion Ratio Lower Upper
168 100
99 56.6 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 109.550 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

Tgt Ion: 65 Resp: 3070
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073928.D

Acq: 02 Aug 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

HR-04-080122

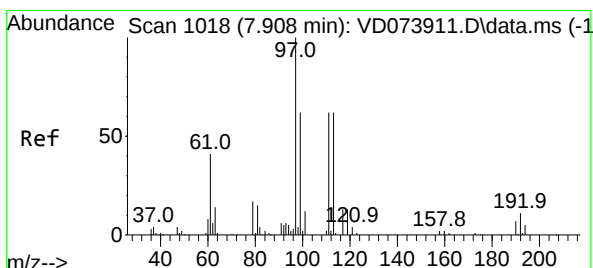
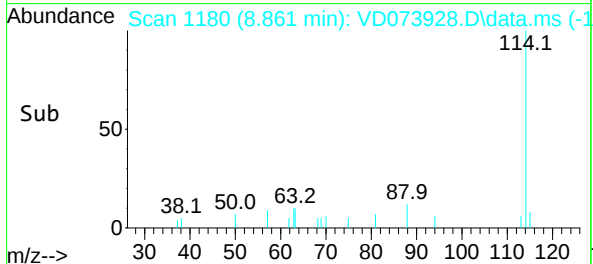
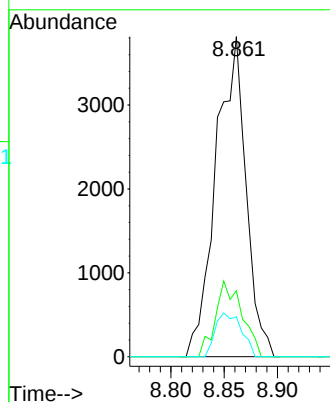
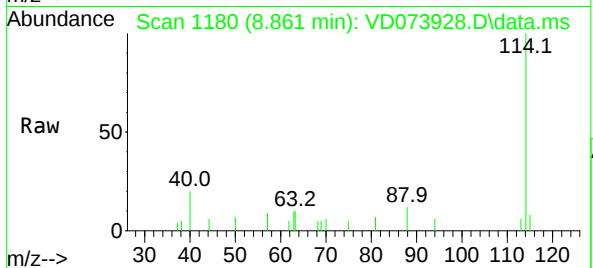
Tgt Ion:114 Resp: 7483

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.6

88 12.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 55.492 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073928.D

Acq: 02 Aug 2022 15:57

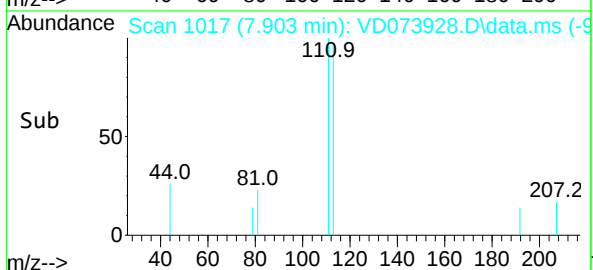
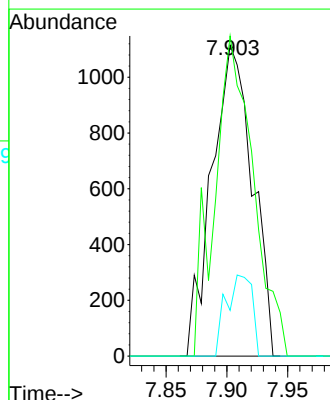
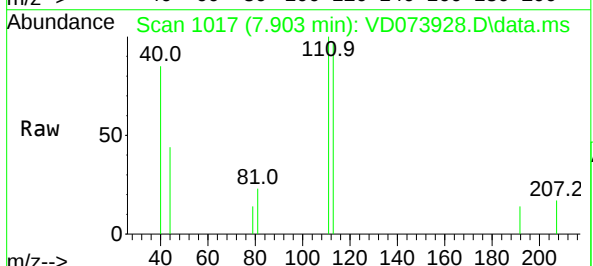
Tgt Ion:113 Resp: 2580

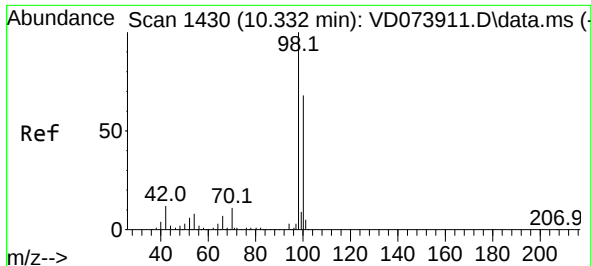
Ion Ratio Lower Upper

113 100

111 98.6 83.7 125.5

192 16.6 15.0 22.6

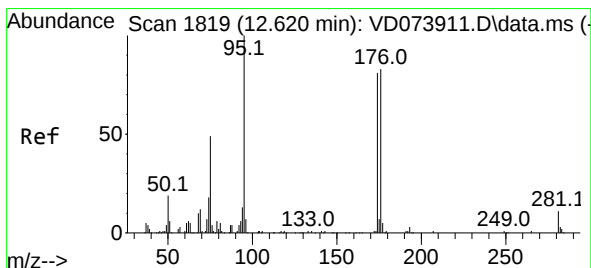
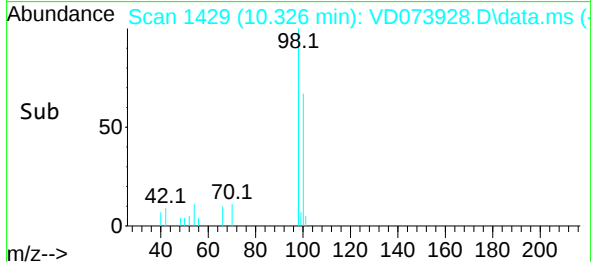
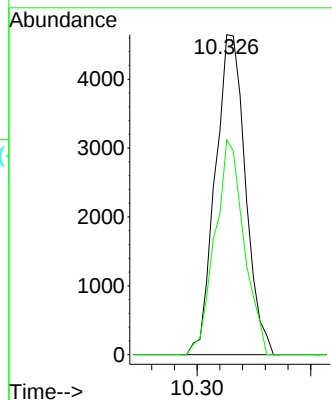
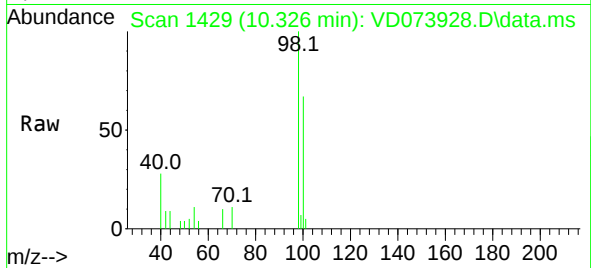




#50
Toluene-d8
Concen: 54.734 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

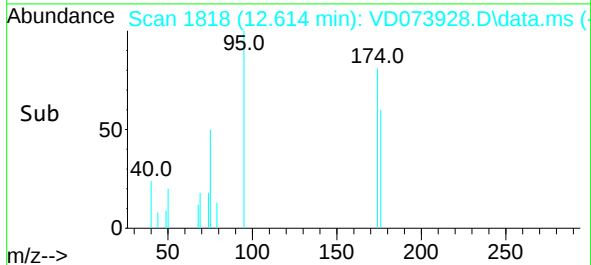
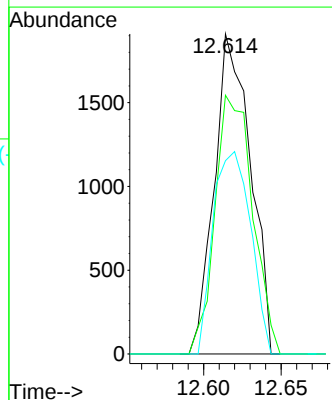
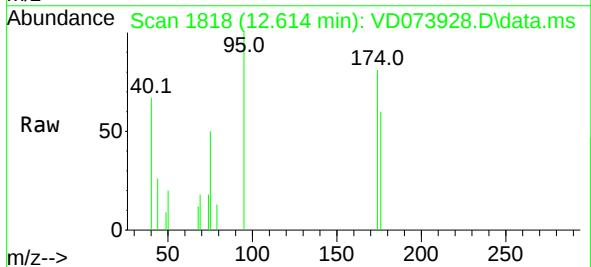
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

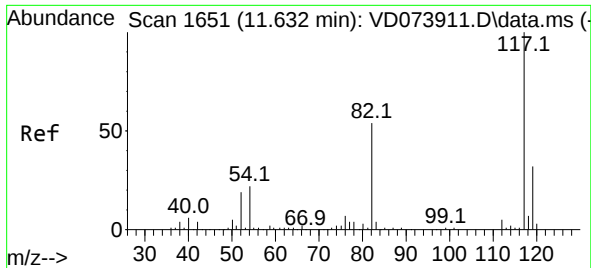
Tgt Ion: 98 Resp: 8572
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.809 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

Tgt Ion: 95 Resp: 3099
Ion Ratio Lower Upper
95 100
174 84.2 0.0 164.2
176 65.7 0.0 161.4

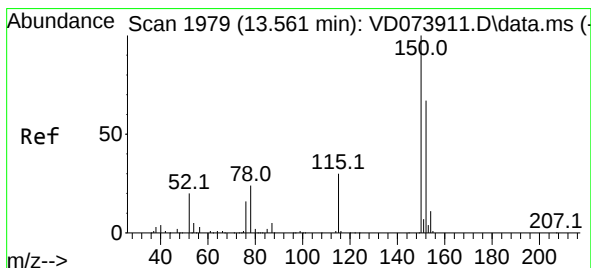
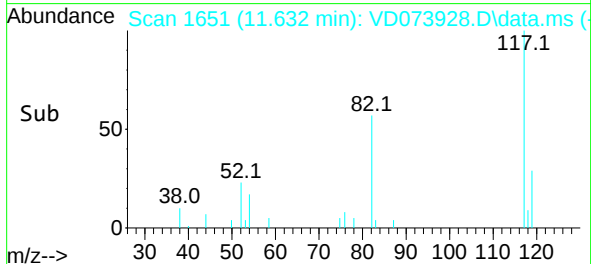
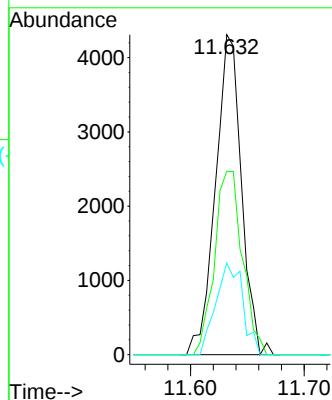
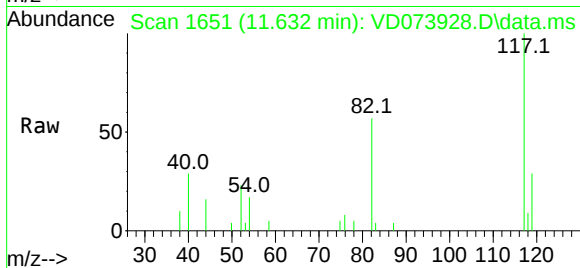




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

Tgt Ion:	117	Resp:	6848
Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.3	64.9
119	28.6	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.549 min Scan# 1977
Delta R.T. -0.012 min
Lab File: VD073928.D
Acq: 02 Aug 2022 15:57

Tgt Ion:	152	Resp:	2979
Ion	Ratio	Lower	Upper
152	100		
115	63.6	29.1	87.3
150	174.0	0.0	338.2

