

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072476.D
 Acq On : 30 Mar 2022 13:52
 Operator : VA/SY
 Sample : N2103-07RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200049RE

Quant Time: Mar 31 03:08:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	53644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	94223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	121214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	60935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	37996	58.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.914	113	37271	50.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.800%
50) Toluene-d8	10.338	98	116344	45.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.626	95	57906	58.252	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.500%

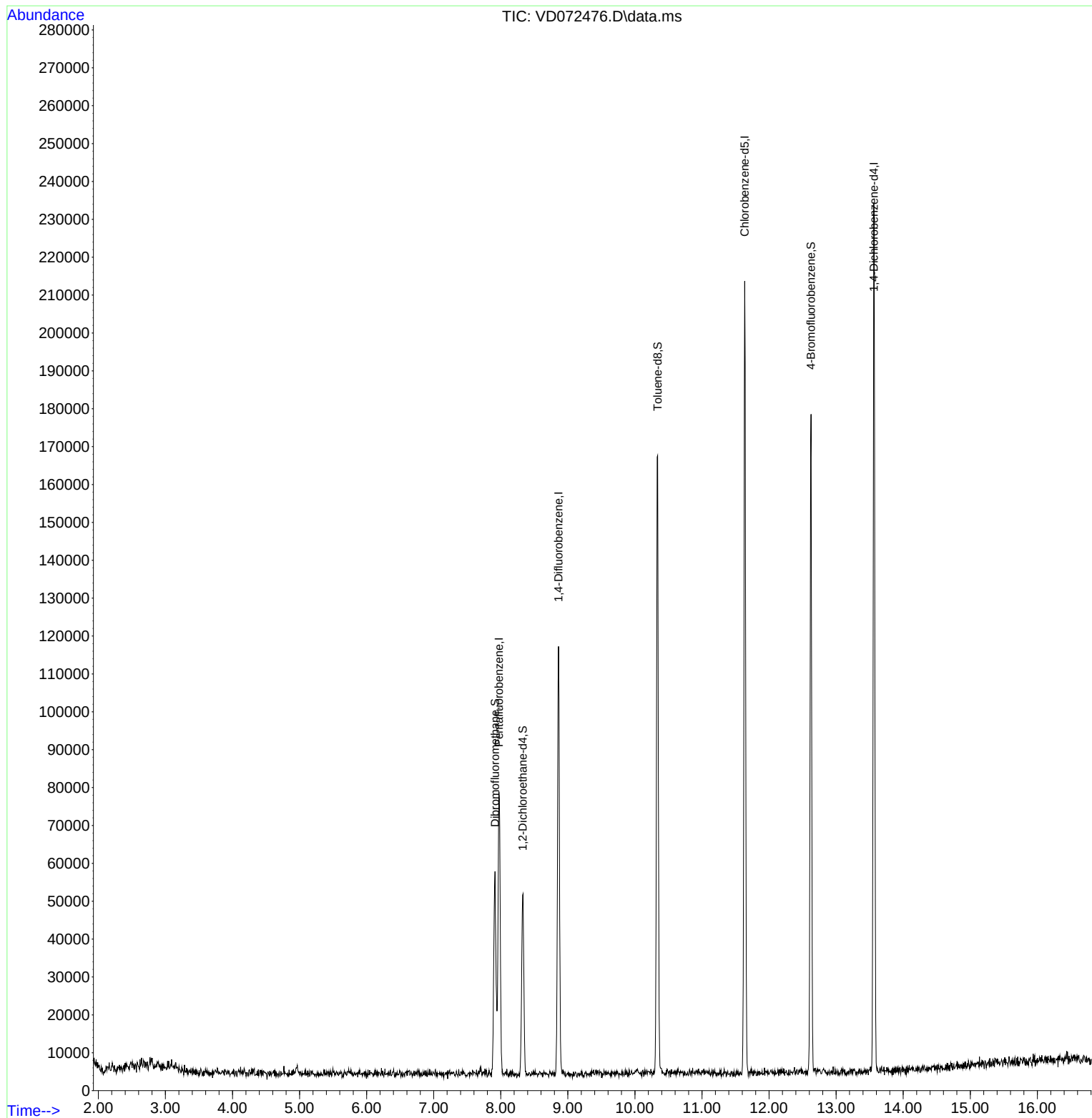
Target Compounds	Qvalue

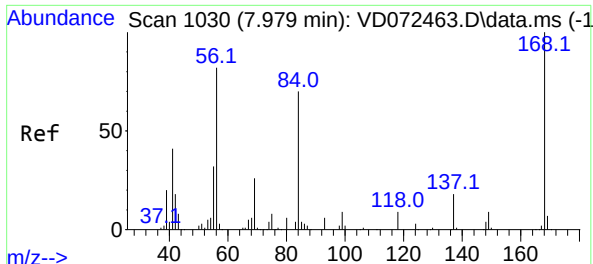
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

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MSVOA_D

ClientSampleId :

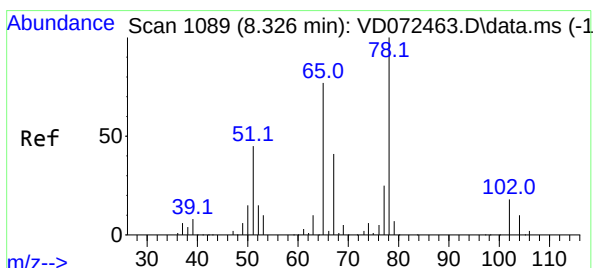
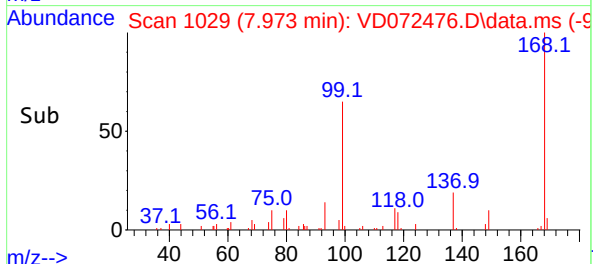
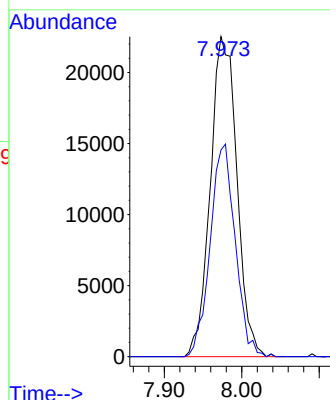
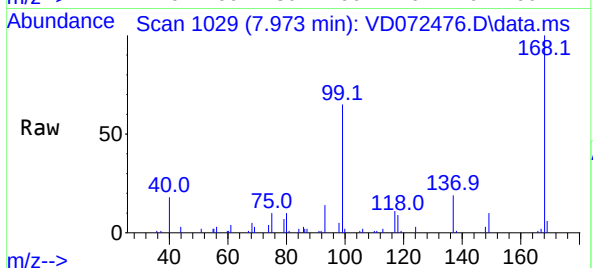
RBR-200049RE

Tgt Ion:168 Resp: 53644

Ion Ratio Lower Upper

168 100

99 64.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 58.552 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072476.D

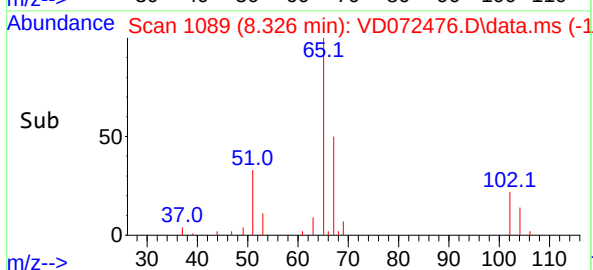
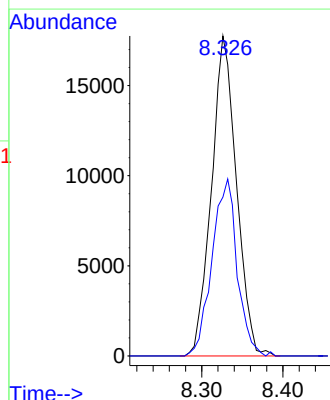
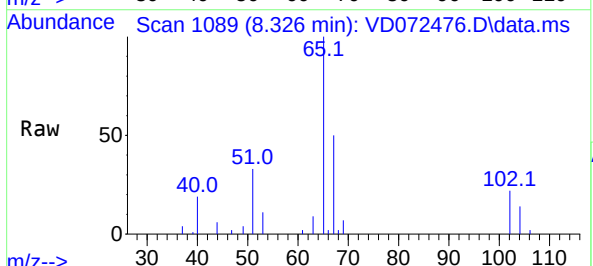
Acq: 30 Mar 2022 13:52

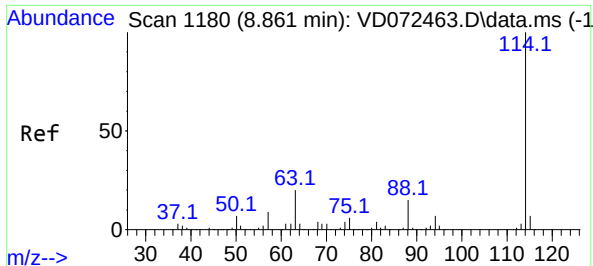
Tgt Ion: 65 Resp: 37996

Ion Ratio Lower Upper

65 100

67 55.4 0.0 101.4

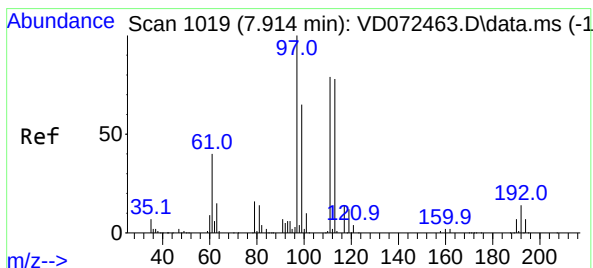
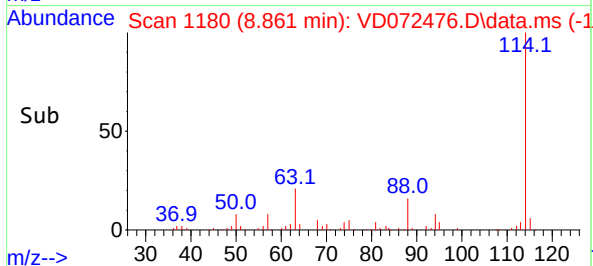
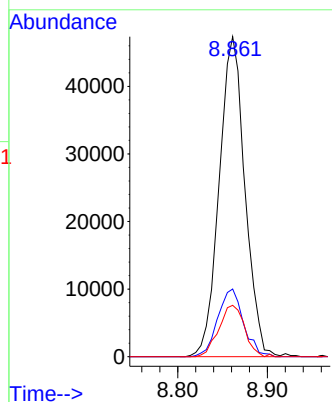
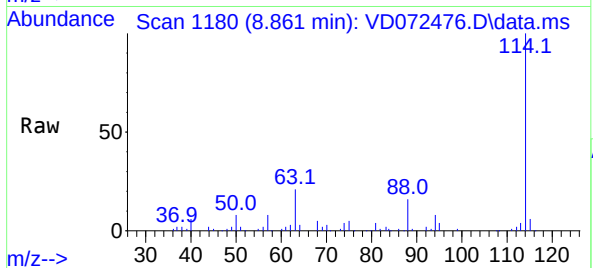




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072476.D
Acq: 30 Mar 2022 13:52

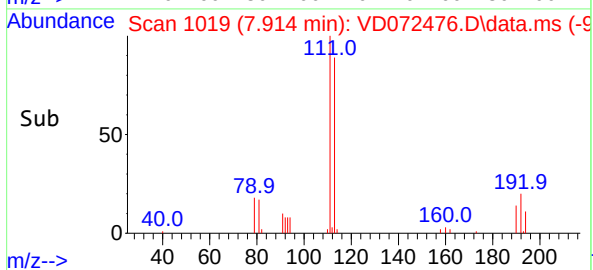
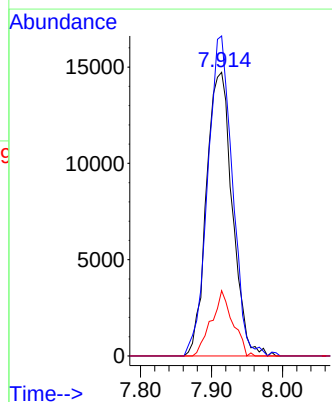
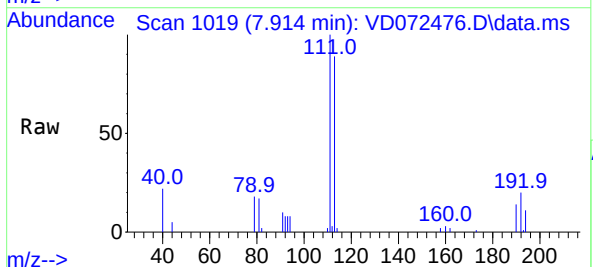
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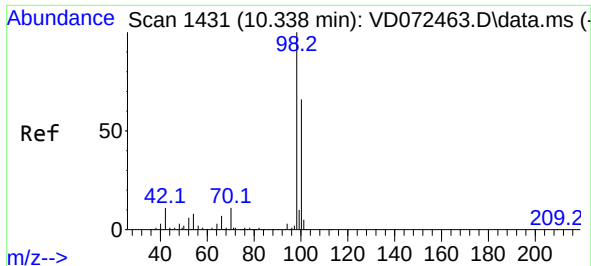
Tgt Ion:	114	Resp:	94223
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	46.6
88	16.0	0.0	33.2



#35
Dibromofluoromethane
Concen: 50.900 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072476.D
Acq: 30 Mar 2022 13:52

Tgt Ion:	113	Resp:	37271
Ion Ratio	Lower	Upper	
113	100		
111	107.4	83.8	125.6
192	19.0	14.6	21.8

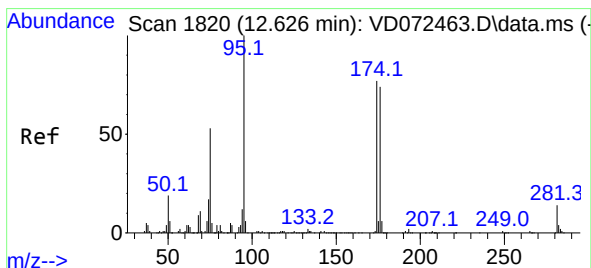
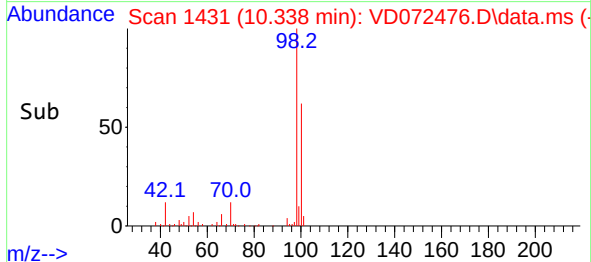
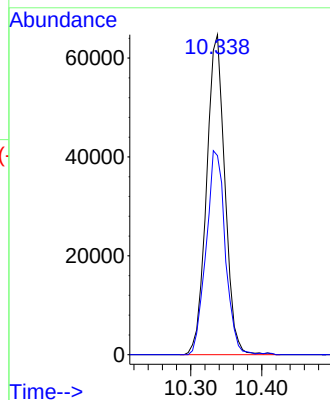
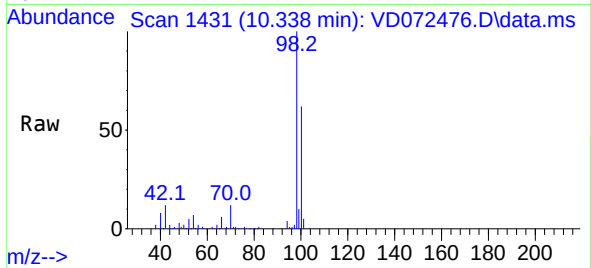




#50
Toluene-d8
Concen: 45.709 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072476.D
Acq: 30 Mar 2022 13:52

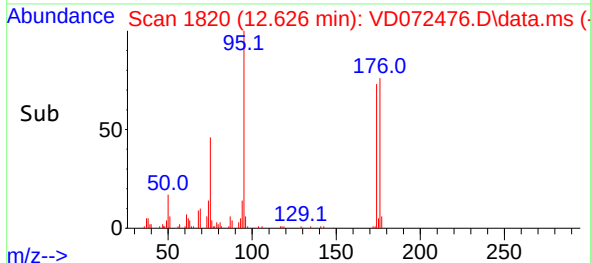
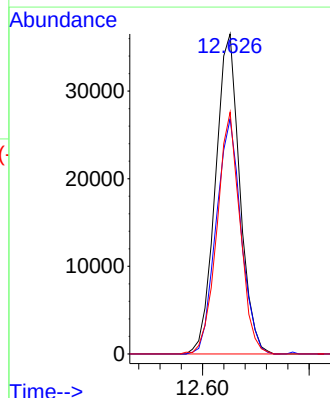
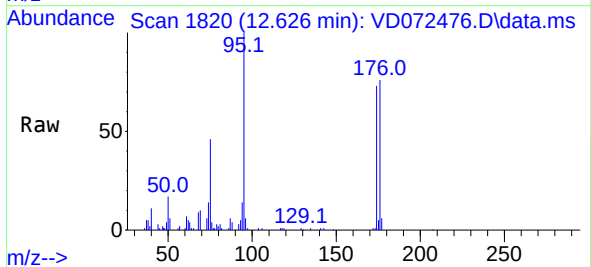
Instrument :
MSVOA_D
ClientSampleId :
RBR-200049RE

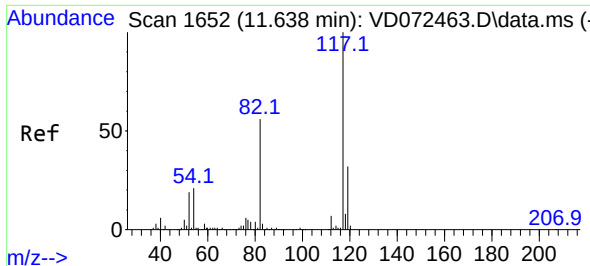
Tgt Ion: 98 Resp: 116344
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.252 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072476.D
Acq: 30 Mar 2022 13:52

Tgt Ion: 95 Resp: 57906
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 71.6 0.0 145.4

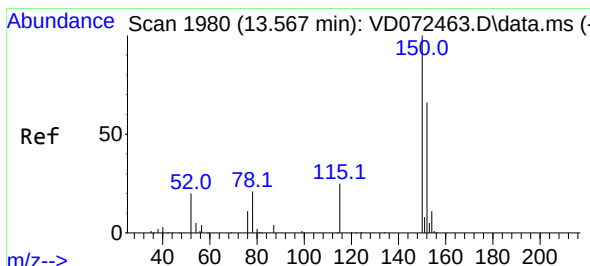
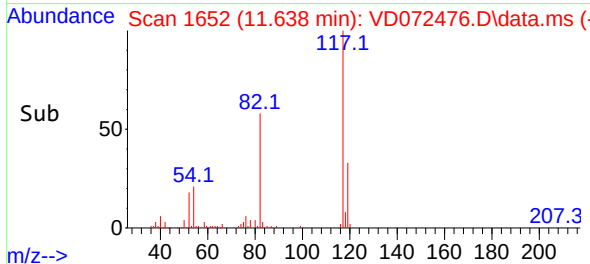
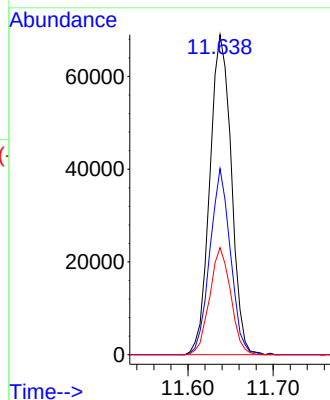
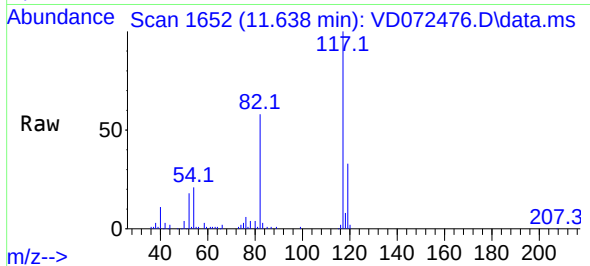




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072476.D
Acq: 30 Mar 2022 13:52

Instrument :
MSVOA_D
ClientSampleId :
RBR-200049RE

Tgt Ion:117 Resp: 121214
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 33.4 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: VD072476.D
Acq: 30 Mar 2022 13:52

Tgt Ion:152 Resp: 60935
Ion Ratio Lower Upper
152 100
115 58.8 31.3 93.8
150 158.6 0.0 348.6

