

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072475.D
 Acq On : 30 Mar 2022 13:23
 Operator : VA/SY
 Sample : N2103-05RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200031RE

Quant Time: Mar 31 03:08:10 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	18551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	30667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	36261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	17055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12107	53.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.900%
35) Dibromofluoromethane	7.914	113	12164	51.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.080%
50) Toluene-d8	10.332	98	35550	42.912	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.820%
62) 4-Bromofluorobenzene	12.620	95	16389	50.655	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.320%

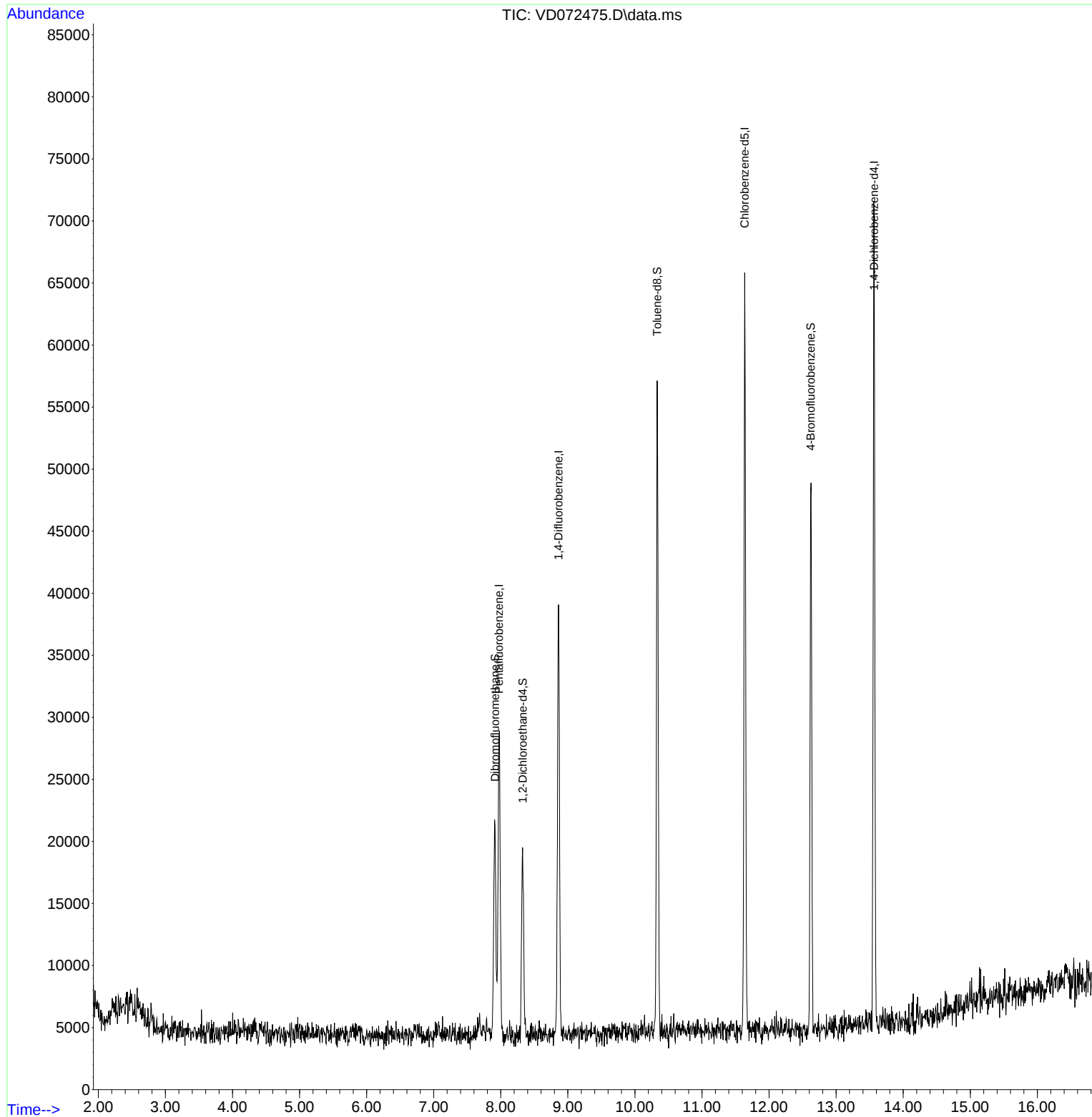
Target Compounds	Qvalue

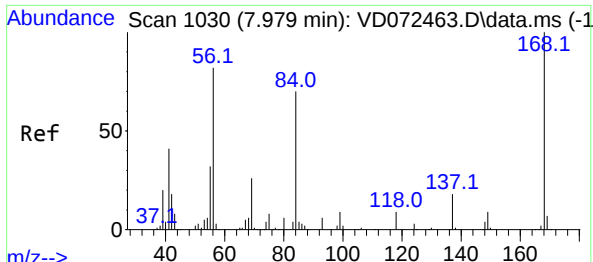
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072475.D

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MSVOA_D

ClientSampleId :

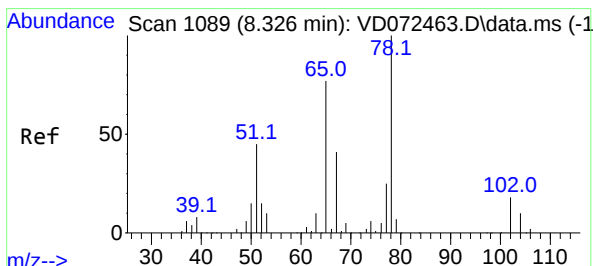
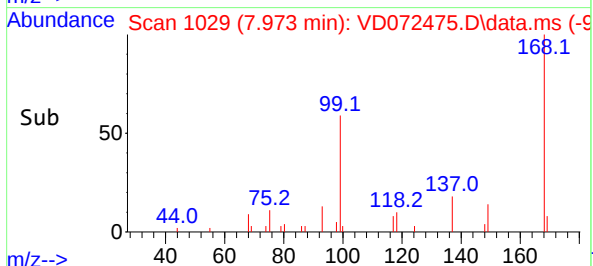
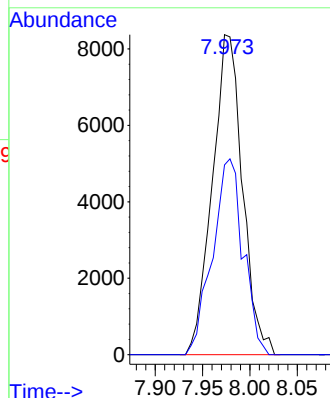
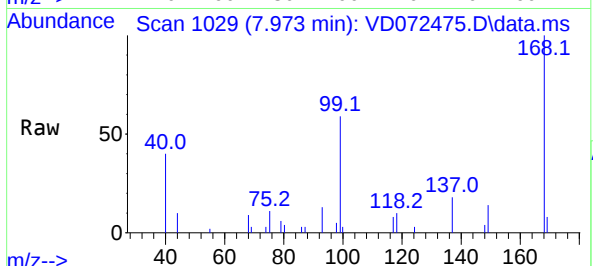
RBR-200031RE

Tgt Ion:168 Resp: 18551

Ion Ratio Lower Upper

168 100

99 59.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 53.950 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072475.D

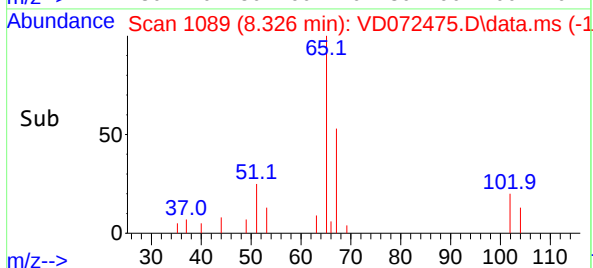
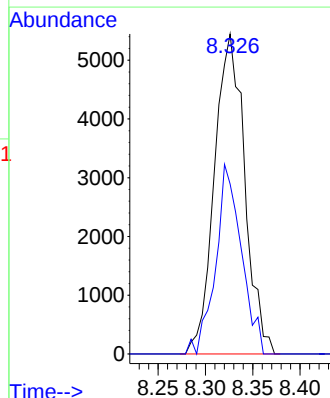
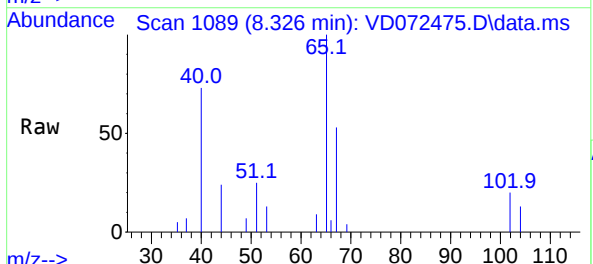
Acq: 30 Mar 2022 13:23

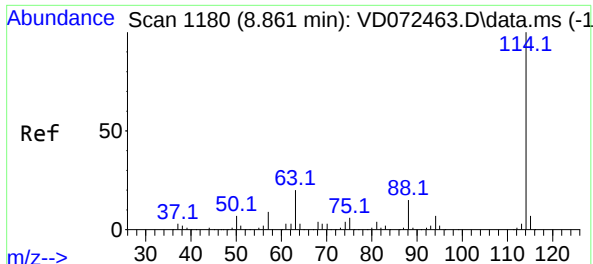
Tgt Ion: 65 Resp: 12107

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.4



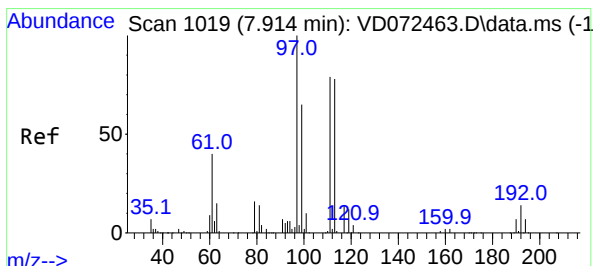
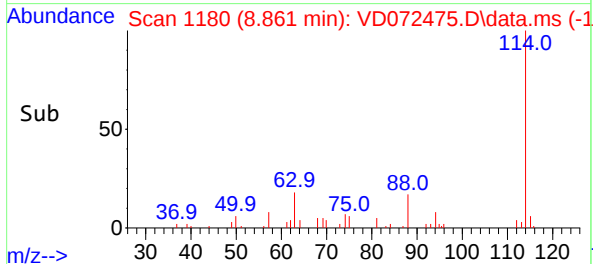
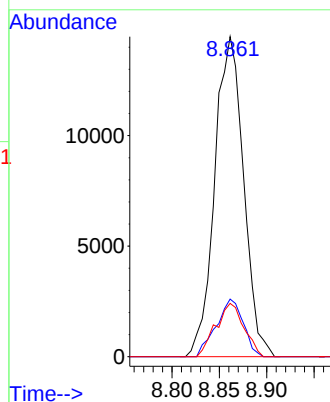
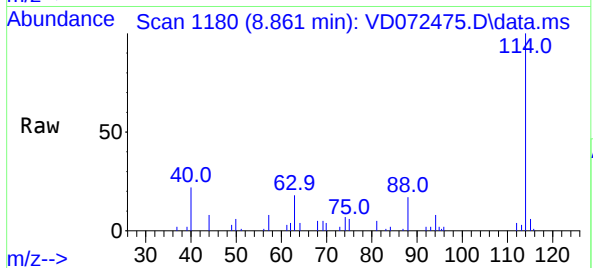


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Instrument :
MSVOA_D
ClientSampleId :
RBR-200031RE

Tgt Ion:114 Resp: 30667

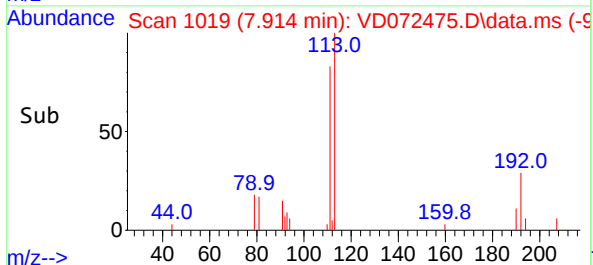
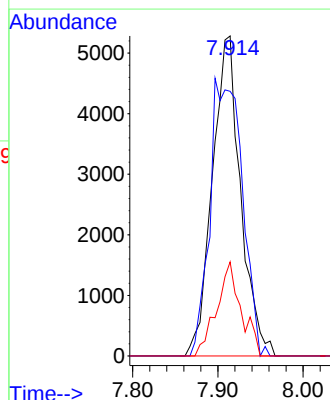
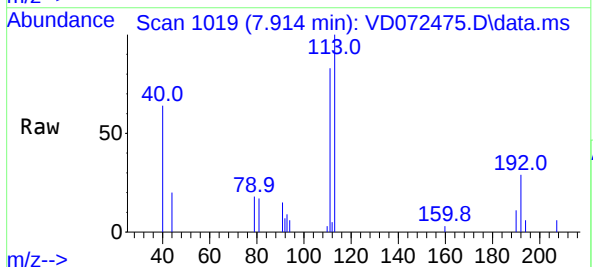
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	46.6
88	16.6	0.0	33.2

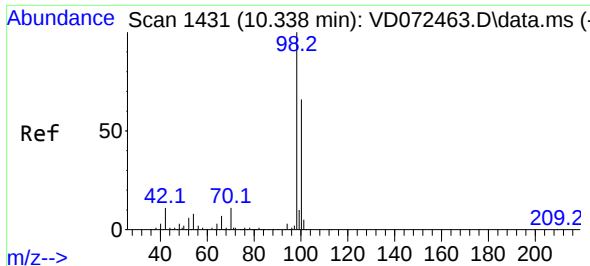


#35
Dibromofluoromethane
Concen: 51.039 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Tgt Ion:113 Resp: 12164

Ion	Ratio	Lower	Upper
113	100		
111	99.4	83.8	125.6
192	25.4	14.6	21.8

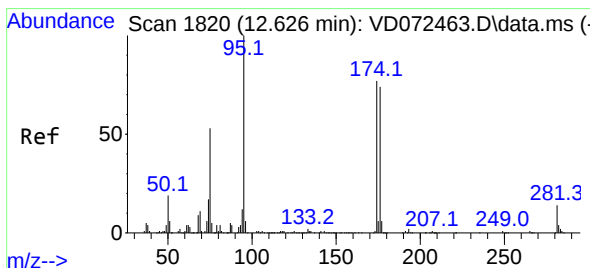
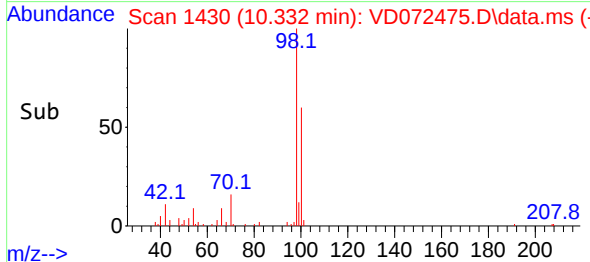
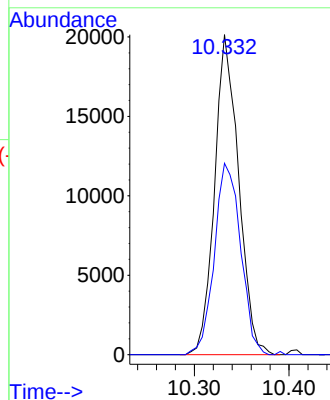
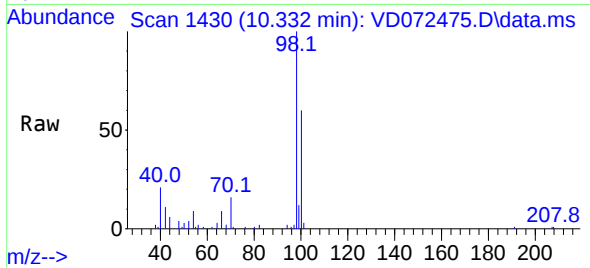




#50
Toluene-d8
Concen: 42.912 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

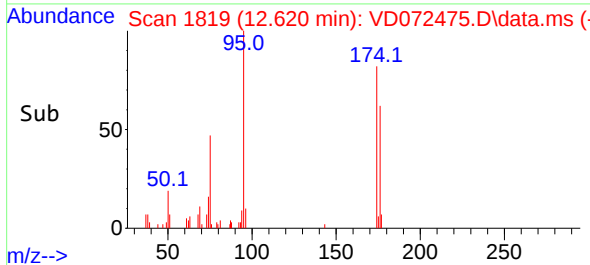
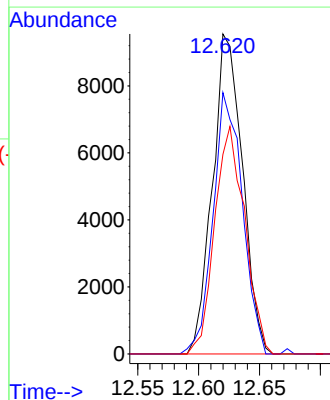
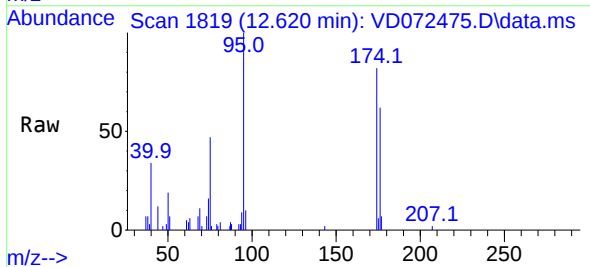
Instrument :
MSVOA_D
ClientSampleId :
RBR-200031RE

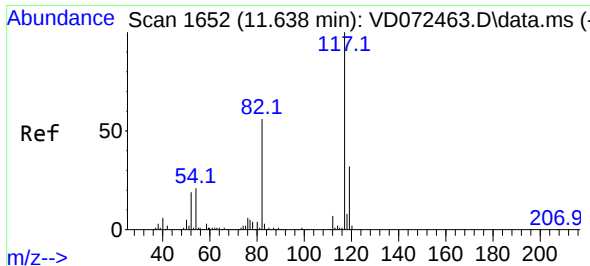
Tgt Ion: 98 Resp: 35550
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.655 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Tgt Ion: 95 Resp: 16389
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 71.3 0.0 145.4

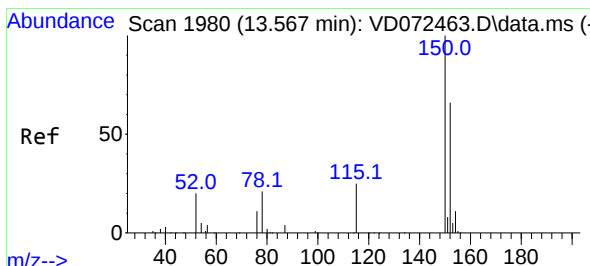
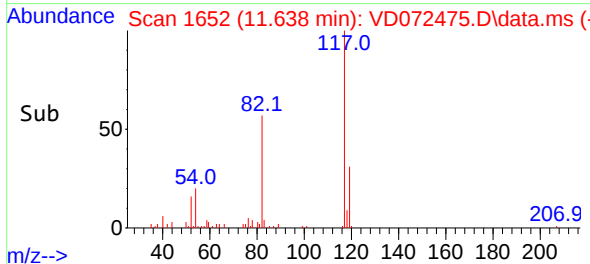
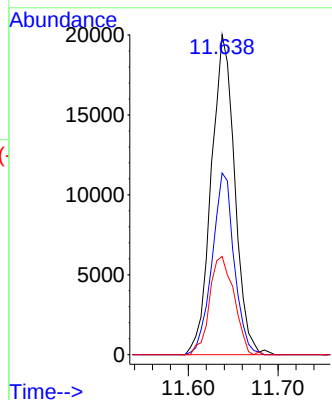
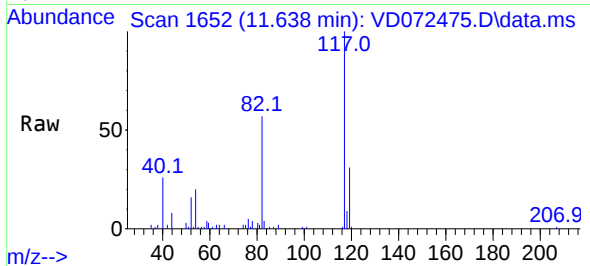




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072475.D
Acq: 30 Mar 2022 13:23

Instrument :
MSVOA_D
ClientSampleId :
RBR-200031RE

Tgt Ion:117	Resp:	36261
Ion	Ratio	Lower Upper
117	100	
82	56.8	45.3 67.9
119	30.7	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: VD072475.D
Acq: 30 Mar 2022 13:23

Tgt Ion:152	Resp:	17055
Ion	Ratio	Lower Upper
152	100	
115	58.8	31.3 93.8
150	165.1	0.0 348.6

