

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072131.D
 Acq On : 01 Mar 2022 10:46
 Operator : VA/SY
 Sample : VD0301SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0202

Quant Time: Mar 02 06:07:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	421751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	732571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	674222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	315097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	260621	59.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.140%
35) Dibromofluoromethane	7.914	113	244662	55.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.240%
50) Toluene-d8	10.338	98	887537	53.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.840%
62) 4-Bromofluorobenzene	12.626	95	305038	50.452	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.900%

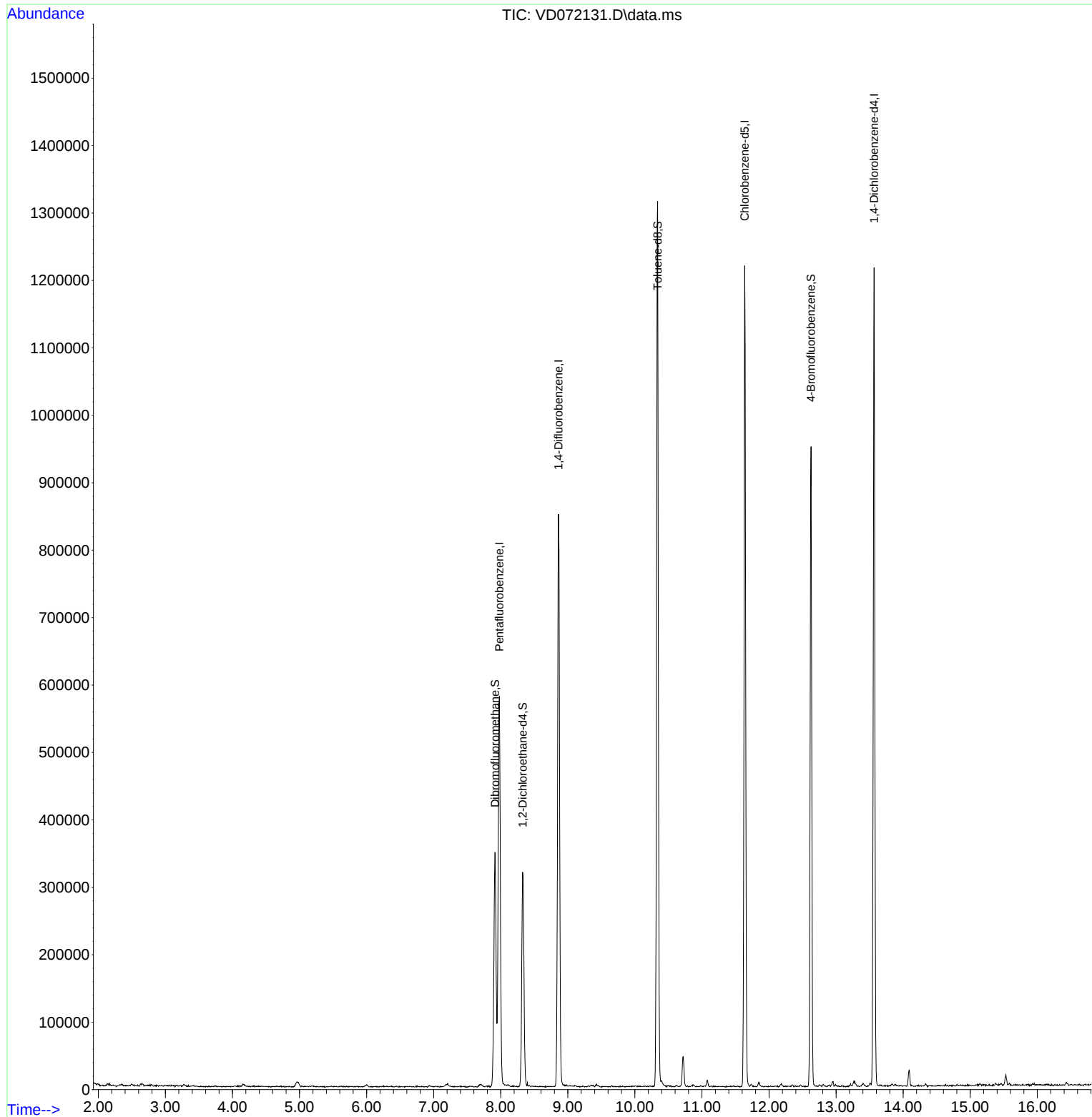
Target Compounds	Qvalue

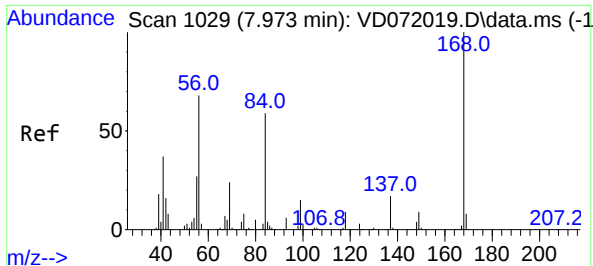
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072131.D

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MSVOA_D

ClientSampleId :

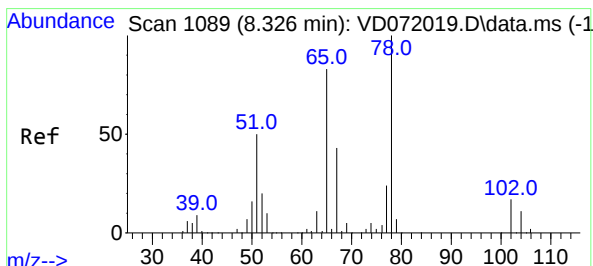
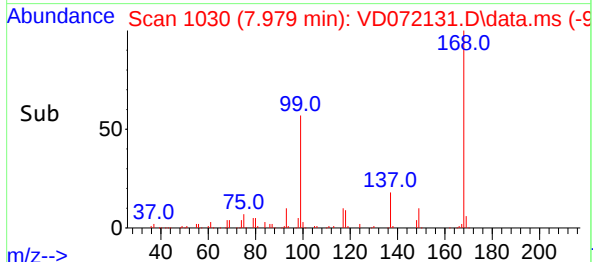
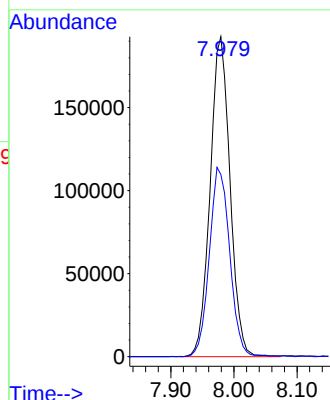
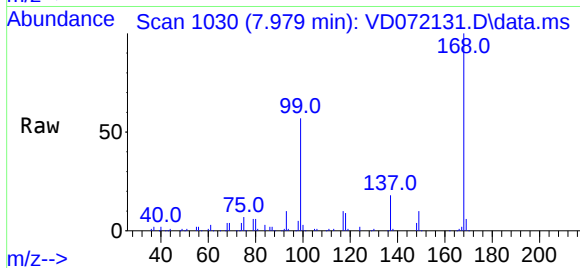
VD0202

Tgt Ion:168 Resp: 421751

Ion Ratio Lower Upper

168 100

99 56.9 47.1 70.7



1,2-Dichloroethane-d4

Concen: 59.573 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072131.D

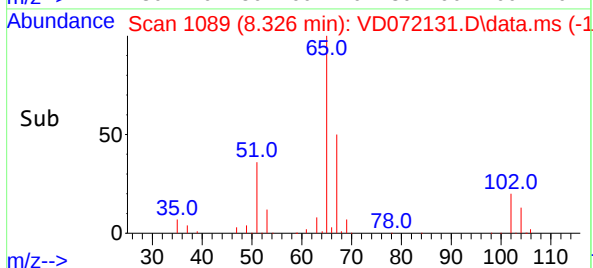
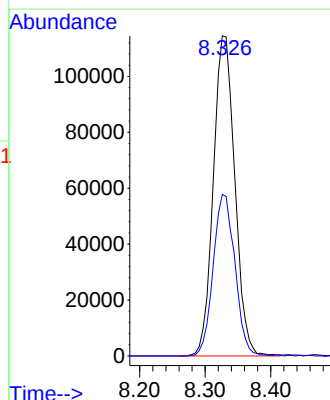
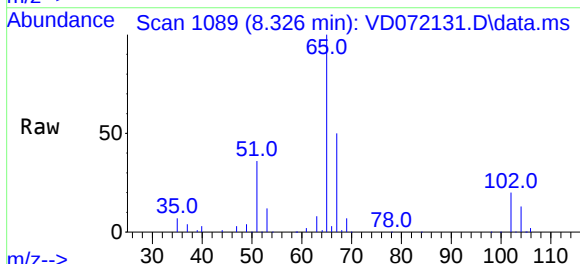
Acq: 01 Mar 2022 10:46

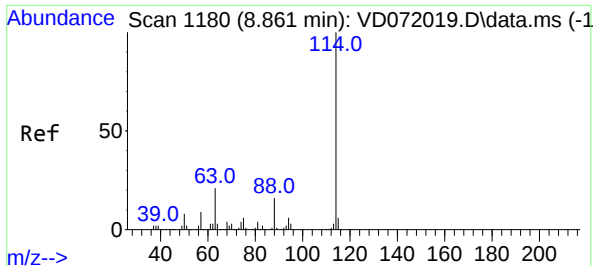
Tgt Ion: 65 Resp: 260621

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072131.D

Acq: 01 Mar 2022 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0202

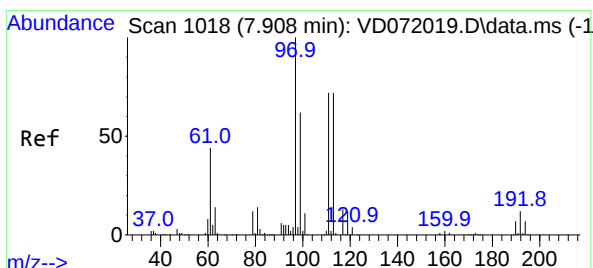
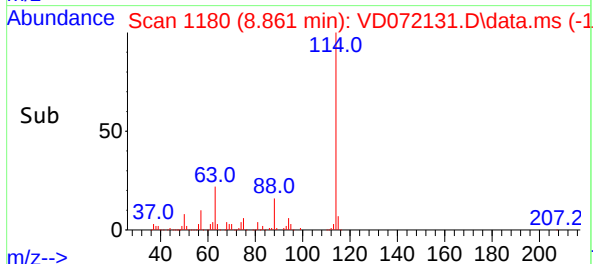
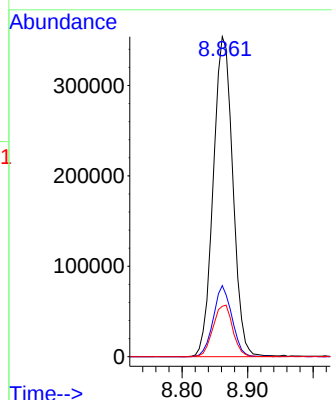
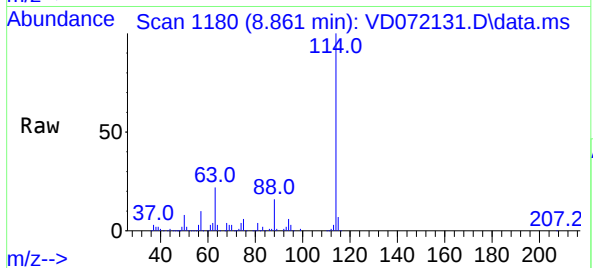
Tgt Ion:114 Resp: 732571

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 15.8 0.0 31.2



#35

Dibromofluoromethane

Concen: 55.124 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072131.D

Acq: 01 Mar 2022 10:46

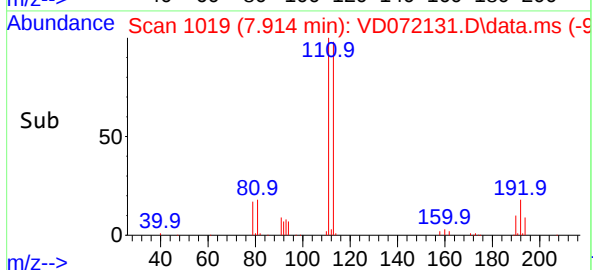
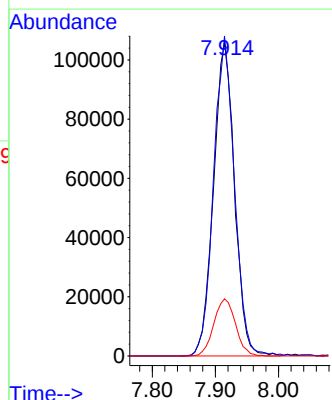
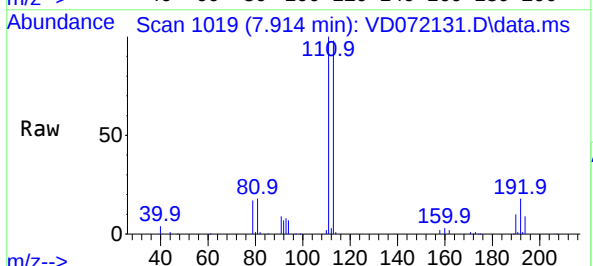
Tgt Ion:113 Resp: 244662

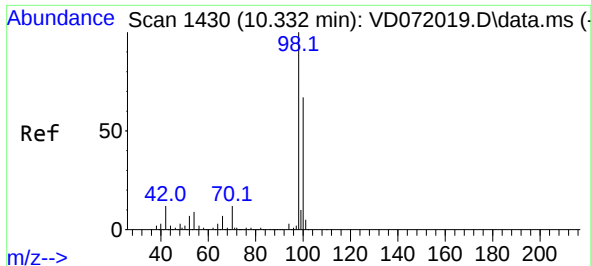
Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

192 18.8 15.3 22.9

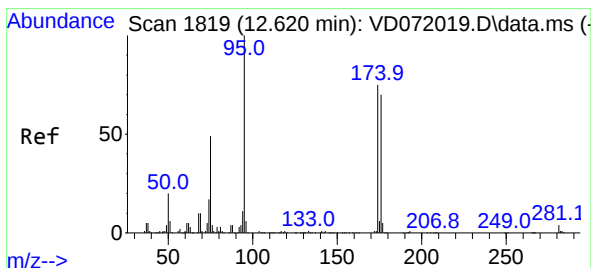
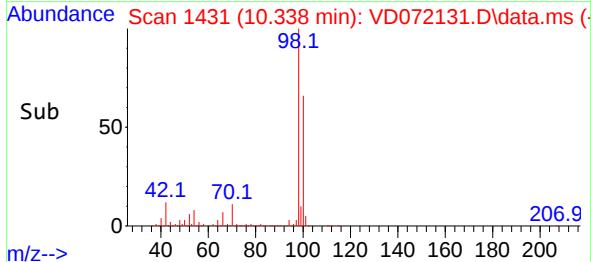
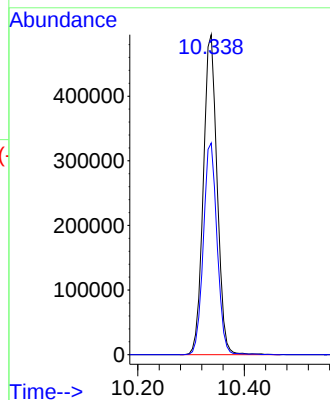
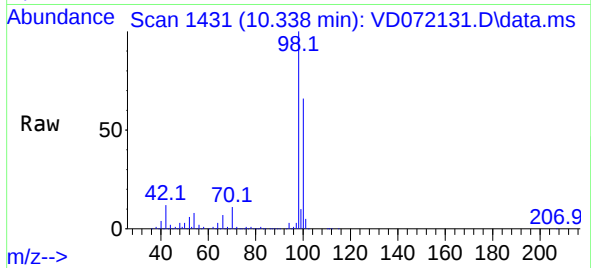




#50
Toluene-d8
Concen: 53.922 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

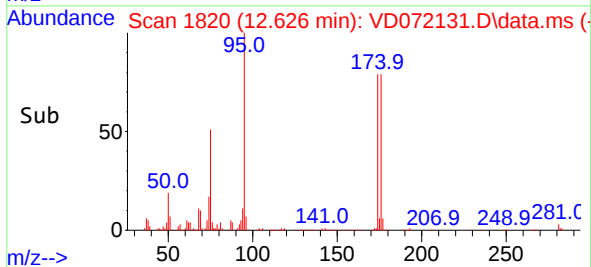
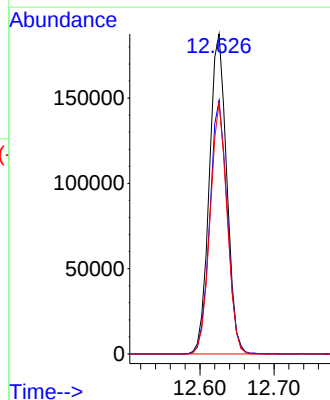
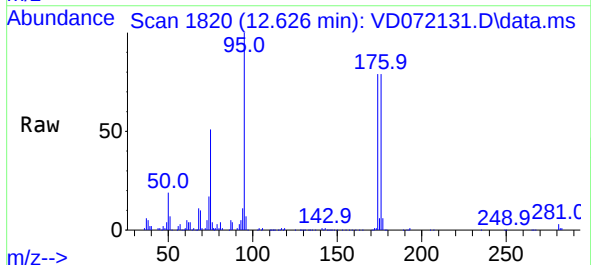
Instrument :
MSVOA_D
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VD0202

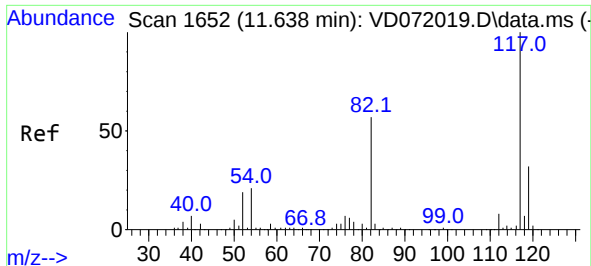
Tgt Ion: 98 Resp: 887537
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 50.452 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

Tgt Ion: 95 Resp: 305038
Ion Ratio Lower Upper
95 100
174 79.6 0.0 155.0
176 76.6 0.0 148.8

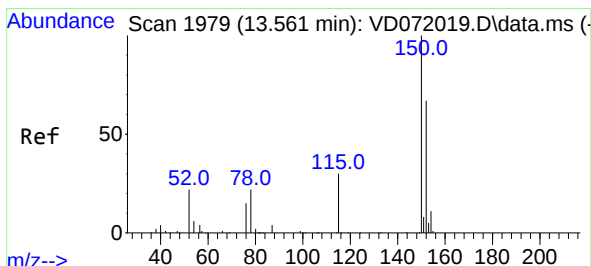
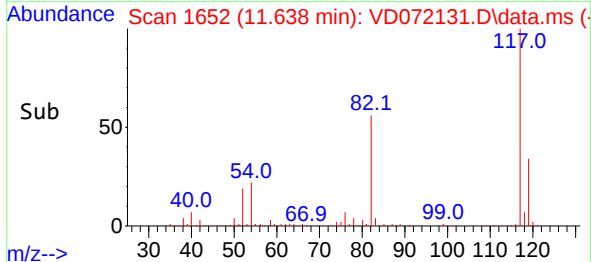
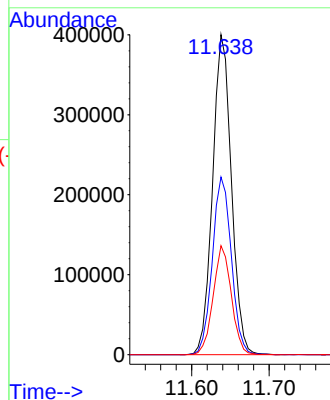
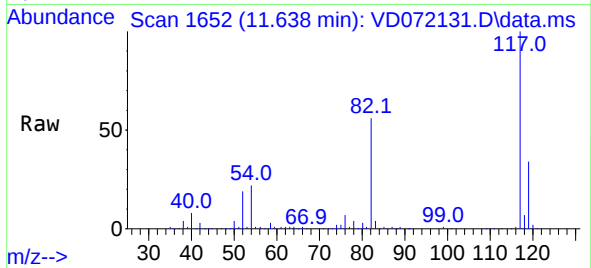




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0202

Tgt Ion:117 Resp: 674222
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 34.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072131.D
Acq: 01 Mar 2022 10:46

Tgt Ion:152 Resp: 315097
Ion Ratio Lower Upper
152 100
115 60.8 29.9 89.7
150 157.7 0.0 347.6

