

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072074.D
 Acq On : 23 Feb 2022 15:06
 Operator : VA/SY
 Sample : N1598-02
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-2

Quant Time: Feb 24 06:47:04 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	547186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	919104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	878259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	408048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	256803	45.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.480%
35) Dibromofluoromethane	7.908	113	280094	50.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.332	98	1130973	54.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.626	95	415673	54.798	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.600%

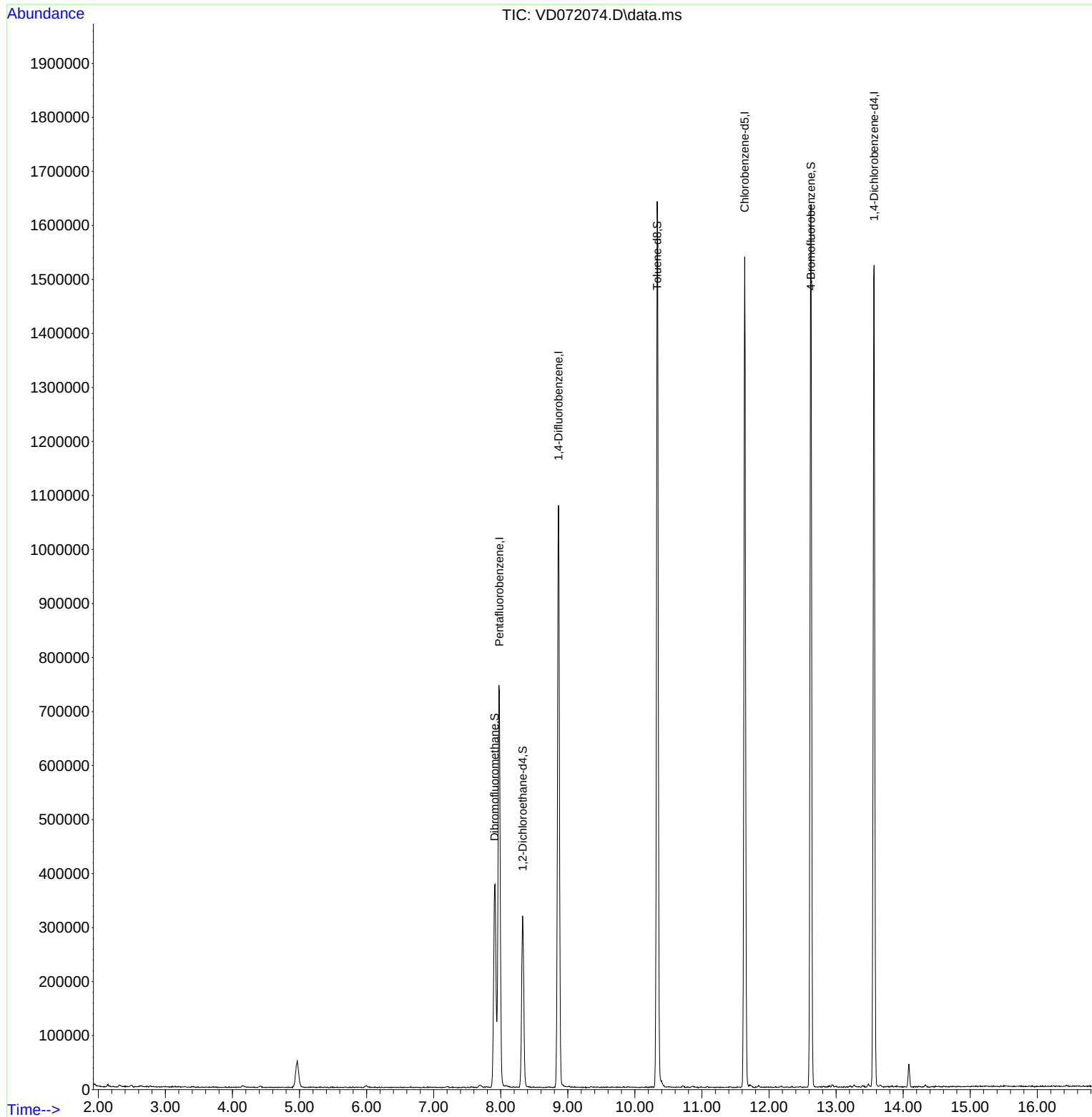
Target Compounds	Qvalue

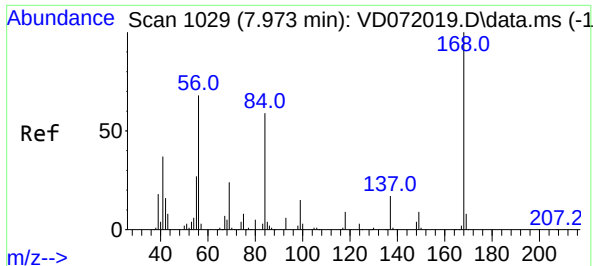
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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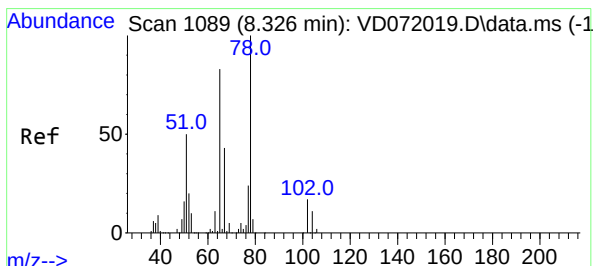
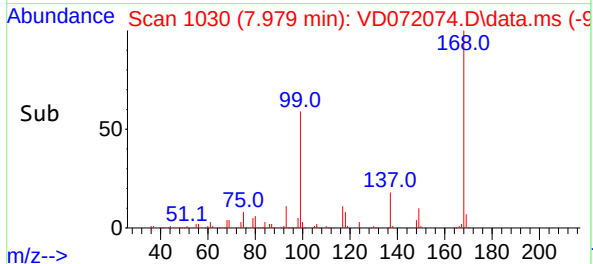
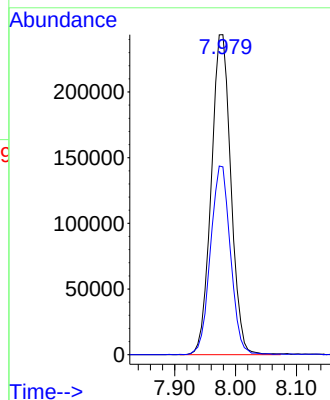
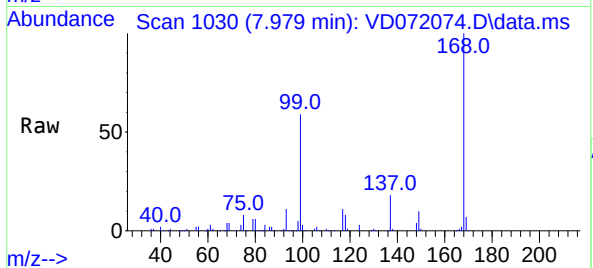




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

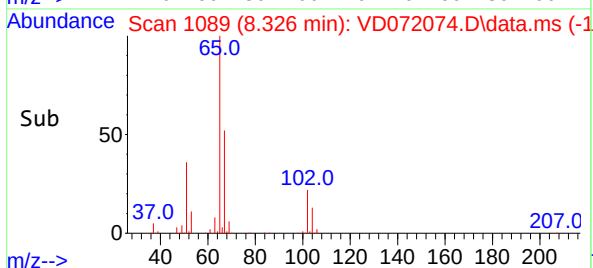
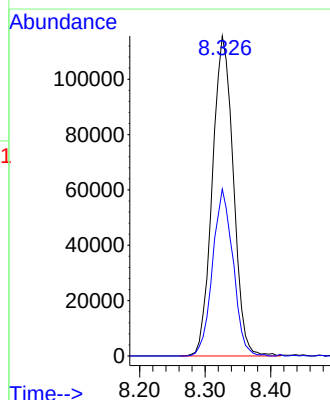
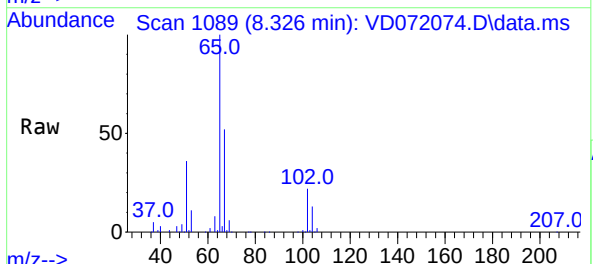
Instrument :
MSVOA_D
ClientSampleId :
GS-2

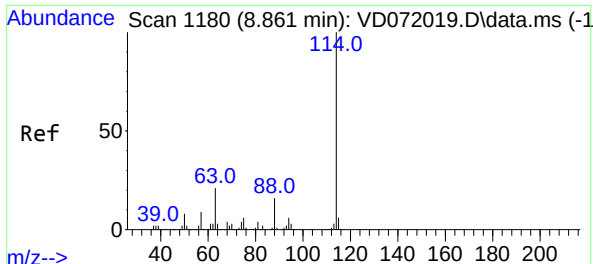
Tgt Ion:168 Resp: 547186
Ion Ratio Lower Upper
168 100
99 58.6 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 45.244 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion: 65 Resp: 256803
Ion Ratio Lower Upper
65 100
67 50.8 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: VD072074.D

Acq: 23 Feb 2022 15:06

Instrument :

MSVOA_D

ClientSampleId :

GS-2

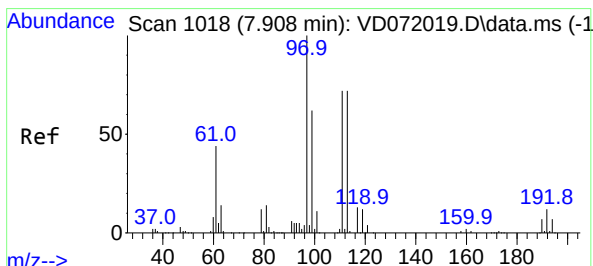
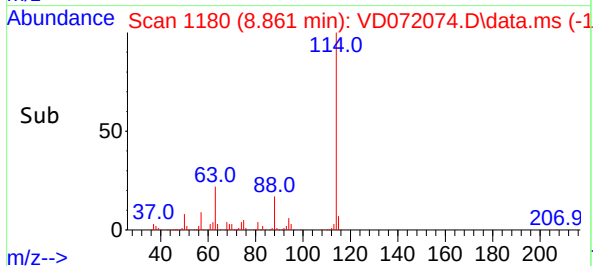
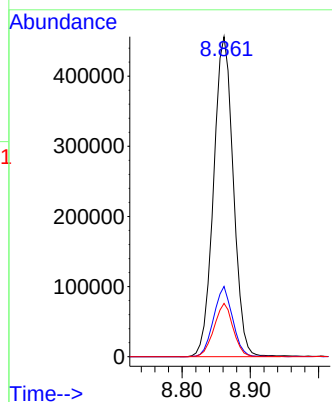
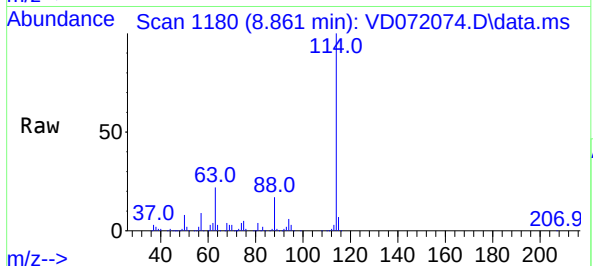
Tgt Ion:114 Resp: 919104

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 16.7 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.299 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072074.D

Acq: 23 Feb 2022 15:06

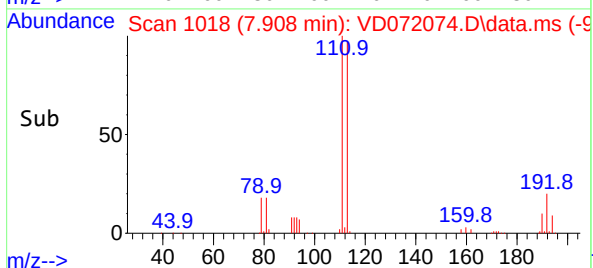
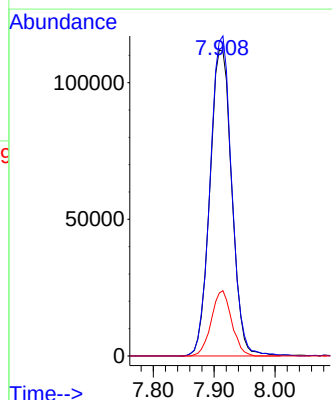
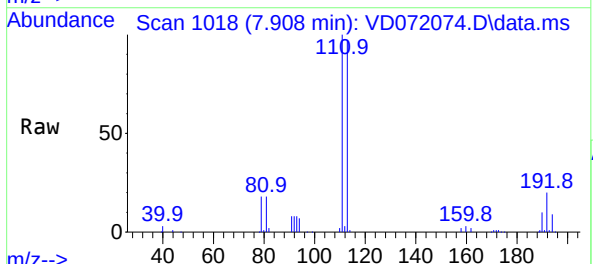
Tgt Ion:113 Resp: 280094

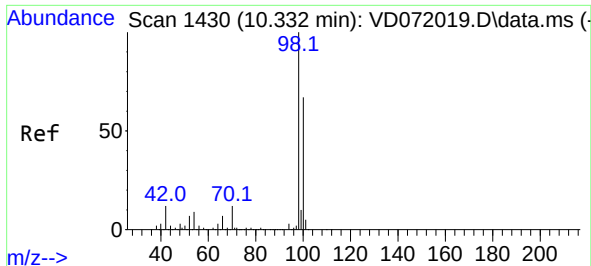
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 19.8 15.3 22.9

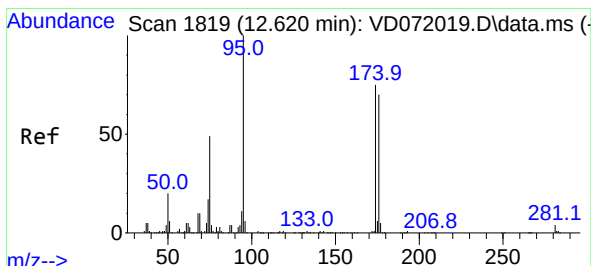
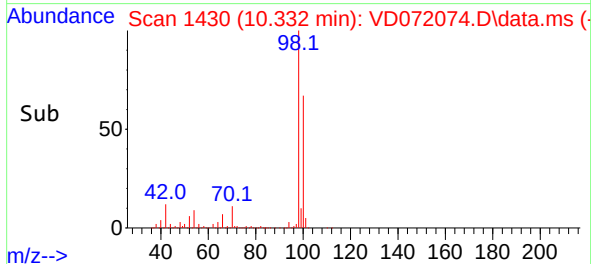
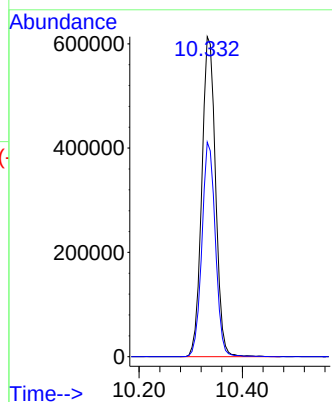
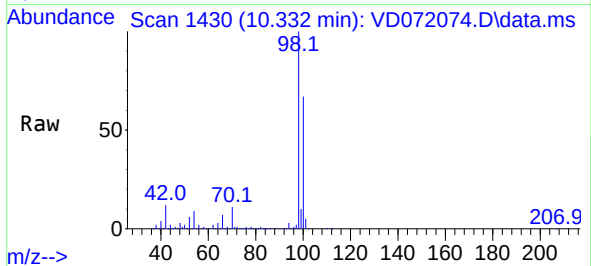




#50
Toluene-d8
Concen: 54.767 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

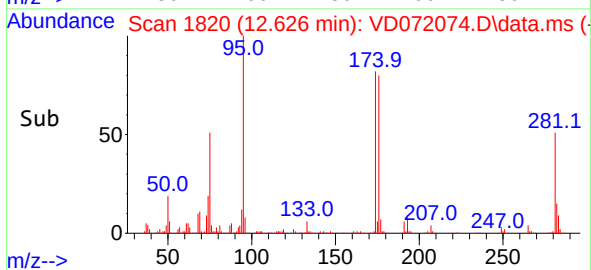
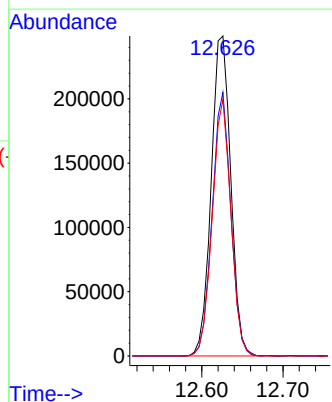
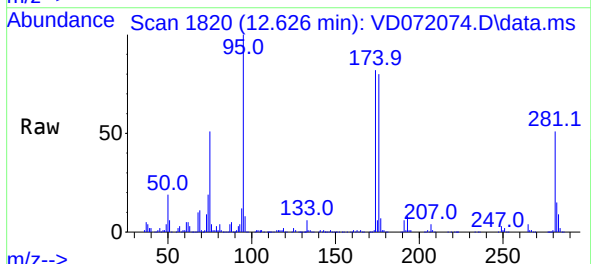
Instrument :
MSVOA_D
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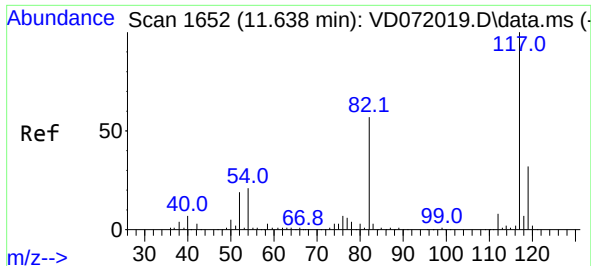
Tgt Ion: 98 Resp: 1130973
Ion Ratio Lower Upper
98 100
100 65.7 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.798 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion: 95 Resp: 415673
Ion Ratio Lower Upper
95 100
174 78.9 0.0 155.0
176 76.5 0.0 148.8

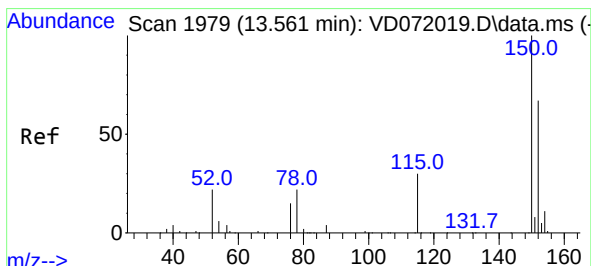
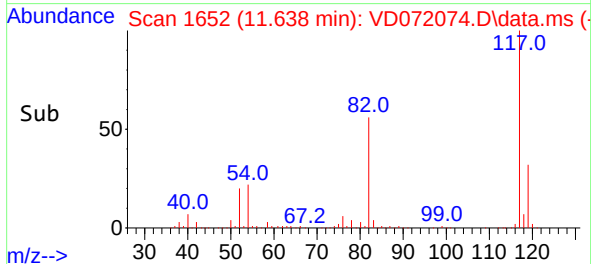
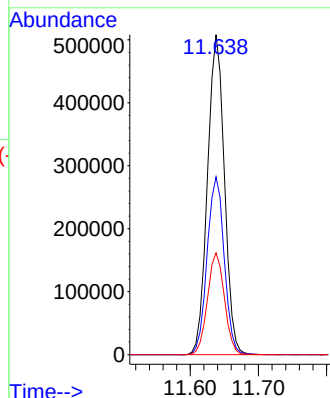
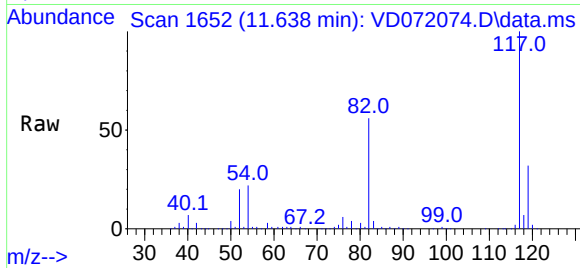




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Instrument :
MSVOA_D
ClientSampleId :
GS-2

Tgt Ion:117 Resp: 878259
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 31.8 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: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion:152 Resp: 408048
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.7
150 158.3 0.0 347.6

