

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070701.D
 Acq On : 13 Oct 2021 16:48
 Operator : VA/SY
 Sample : M4191-02
 Misc : 4.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-5

Quant Time: Oct 14 04:04:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	391095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	741455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	667804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	275528	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	211283	45.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.800%
35) Dibromofluoromethane	7.914	113	232992	47.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.520%
50) Toluene-d8	10.338	98	921884	48.919	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.626	95	277685	44.087	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.180%

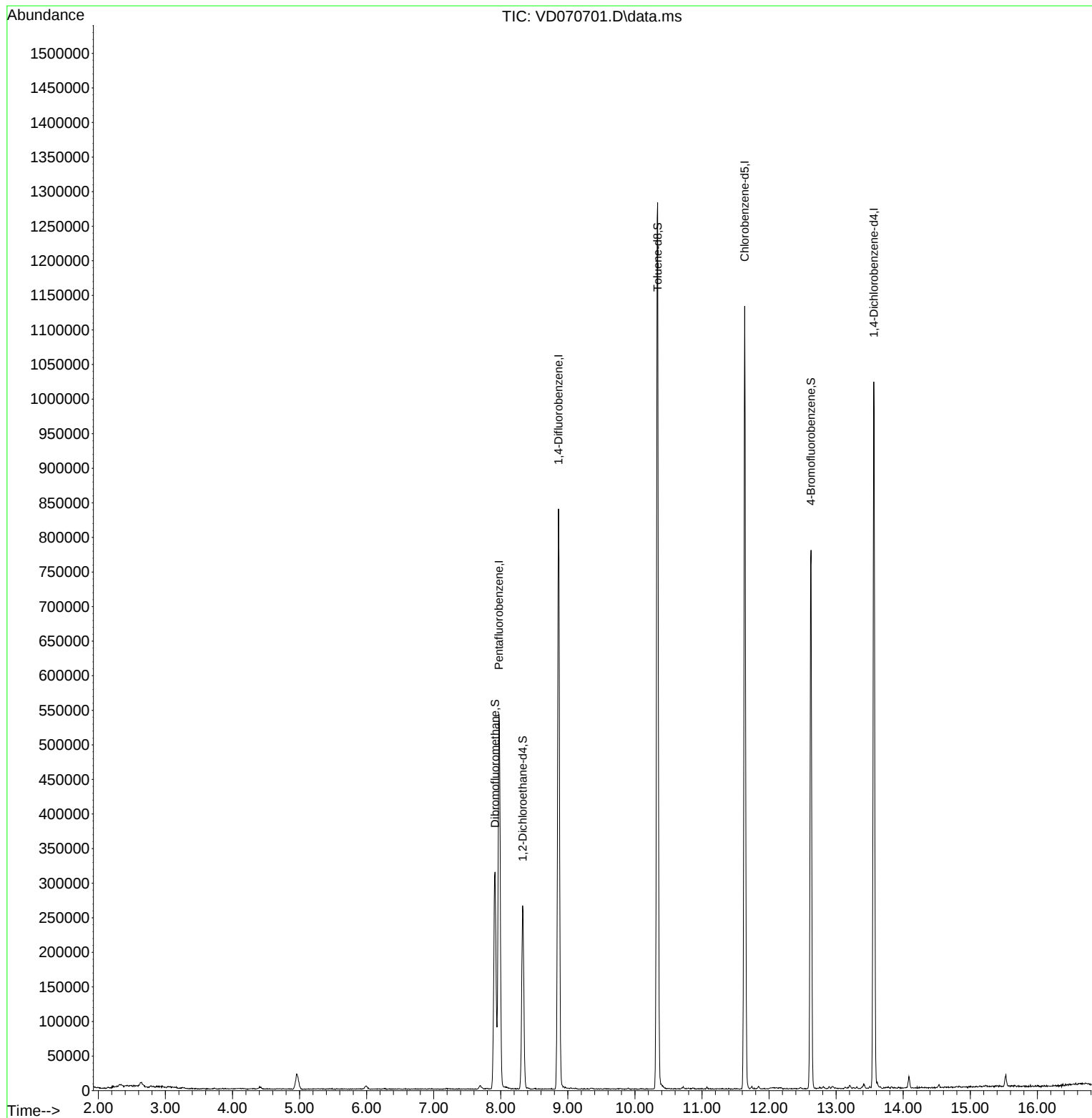
Target Compounds	Qvalue

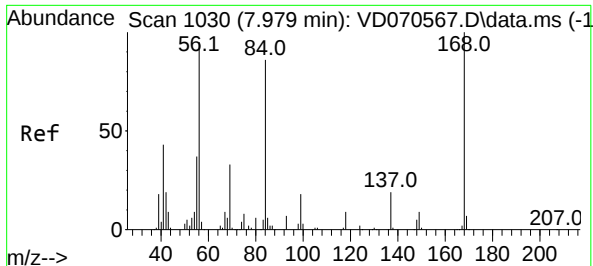
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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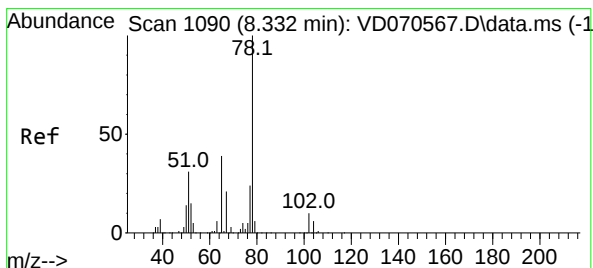
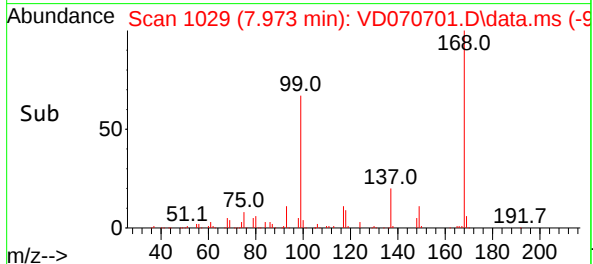
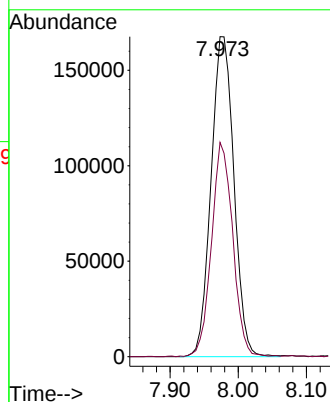
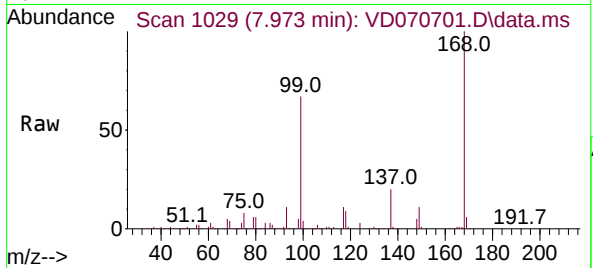




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070701.D
Acq: 13 Oct 2021 16:48

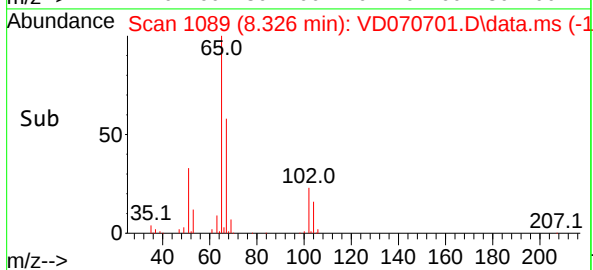
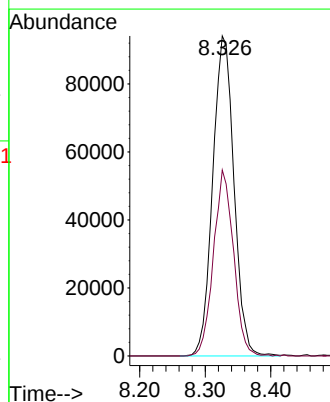
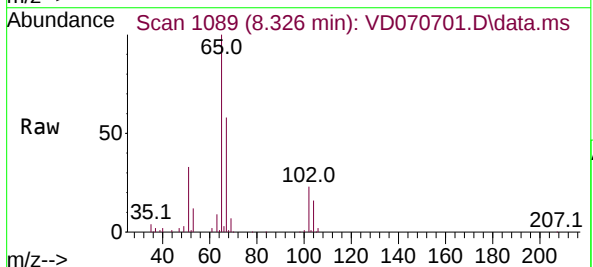
Instrument :
MSVOA_D
ClientSampleId :
COMP-5

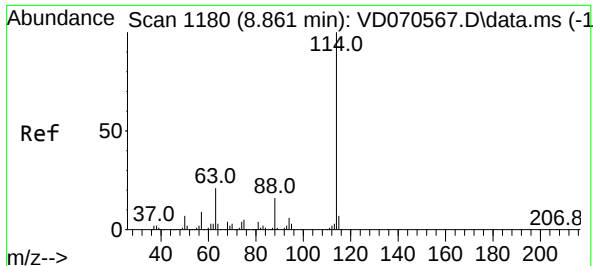
Tgt Ion:168 Resp: 391095
Ion Ratio Lower Upper
168 100
99 66.8 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 45.905 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070701.D
Acq: 13 Oct 2021 16:48

Tgt Ion: 65 Resp: 211283
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070701.D

Acq: 13 Oct 2021 16:48

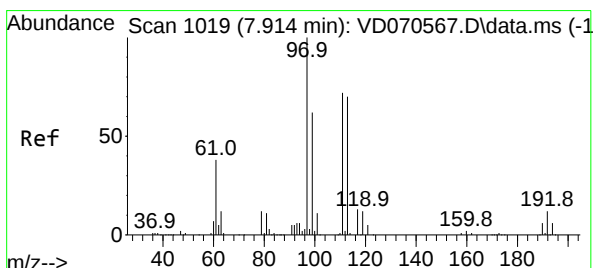
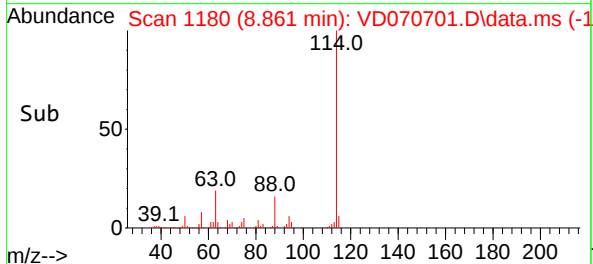
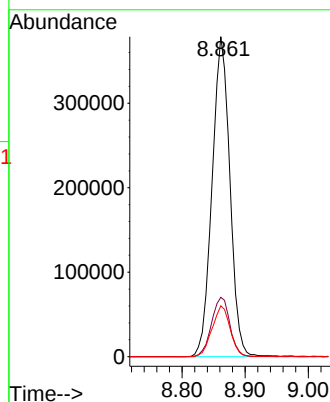
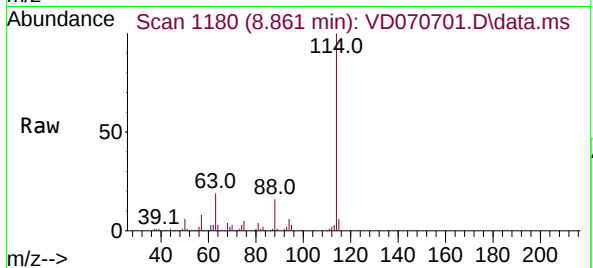
Instrument :

MSVOA_D

ClientSampleId :

COMP-5

Tgt Ion:	114	Resp:	741455
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	41.8
88	15.9	0.0	32.6



#35

Dibromofluoromethane

Concen: 47.264 ug/l

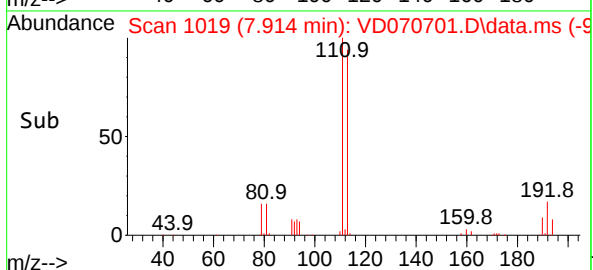
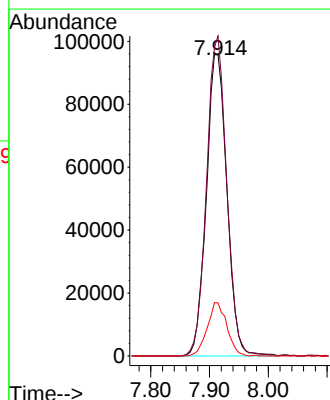
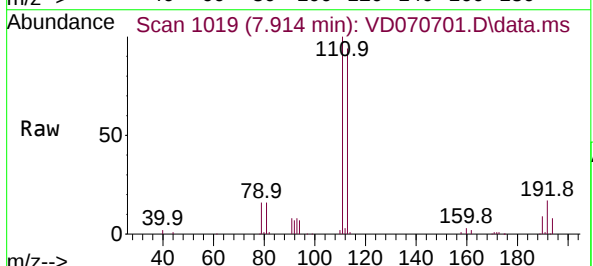
RT: 7.914 min Scan# 1019

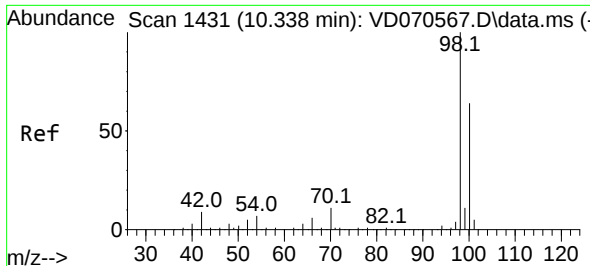
Delta R.T. -0.000 min

Lab File: VD070701.D

Acq: 13 Oct 2021 16:48

Tgt Ion:	113	Resp:	232992
Ion Ratio	Lower	Upper	
113	100		
111	103.9	83.1	124.7
192	16.8	12.7	19.1

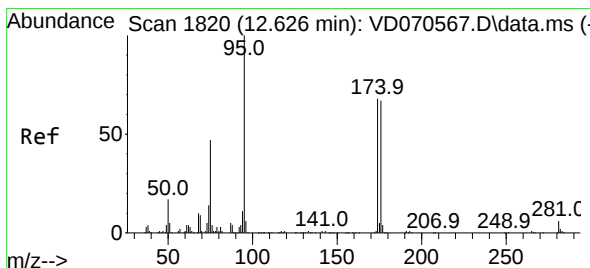
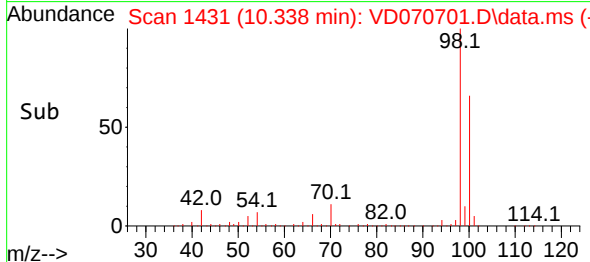
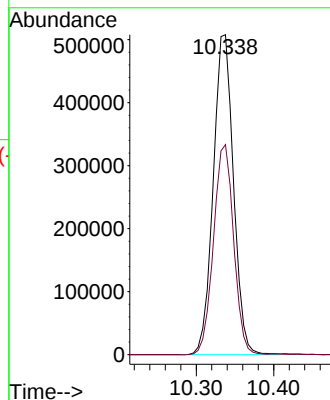
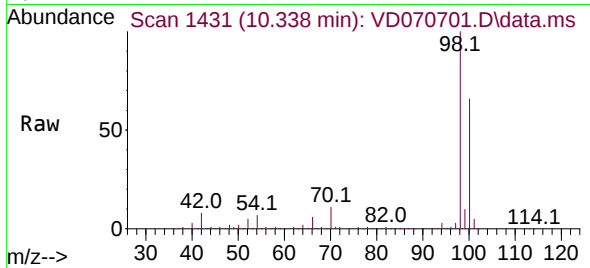




#50
Toluene-d8
Concen: 48.919 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070701.D
Acq: 13 Oct 2021 16:48

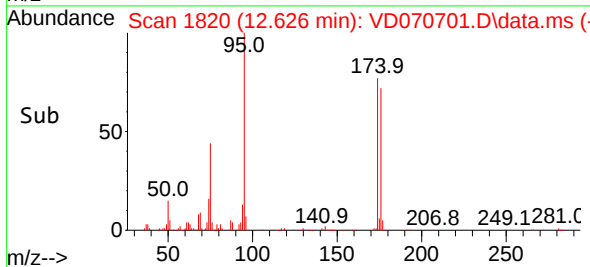
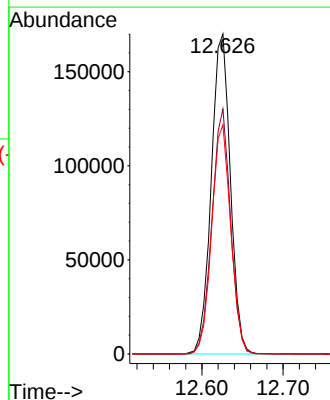
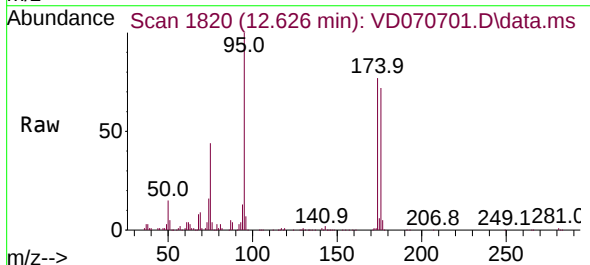
Instrument :
MSVOA_D
ClientSampleId :
COMP-5

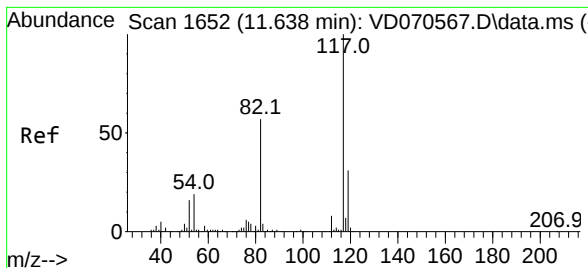
Tgt Ion: 98 Resp: 921884
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.087 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070701.D
Acq: 13 Oct 2021 16:48

Tgt Ion: 95 Resp: 277685
Ion Ratio Lower Upper
95 100
174 74.9 0.0 138.0
176 71.3 0.0 135.6

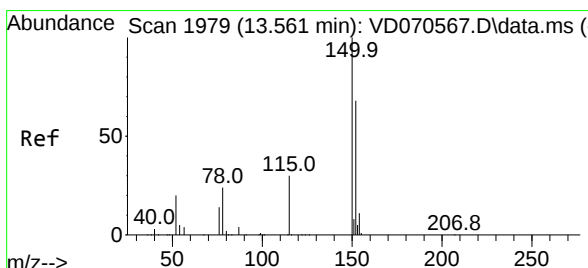
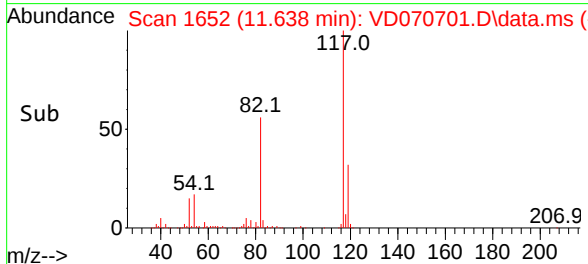
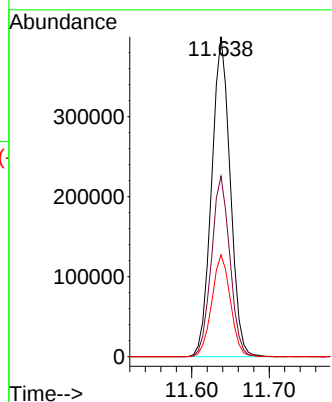
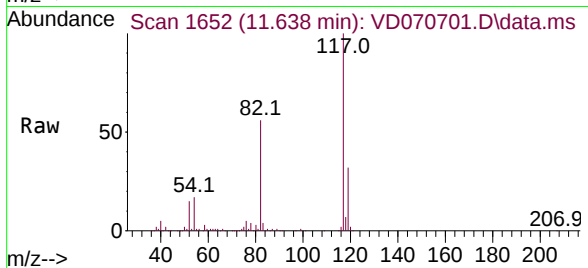




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070701.D
Acq: 13 Oct 2021 16:48

Instrument :
MSVOA_D
ClientSampleId :
COMP-5

Tgt Ion:117 Resp: 667804
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 31.8 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070701.D
Acq: 13 Oct 2021 16:48

Tgt Ion:152 Resp: 275528
Ion Ratio Lower Upper
152 100
115 62.4 31.9 95.7
150 157.8 0.0 350.0

