

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072081.D
 Acq On : 23 Feb 2022 18:23
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Feb 24 06:48:08 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	7.973	168	527500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	884775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	837088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	392821	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255141	46.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.260%
35) Dibromofluoromethane	7.914	113	270590	50.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.338	98	1077344	54.194	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.380%
62) 4-Bromofluorobenzene	12.626	95	377016	51.630	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.260%

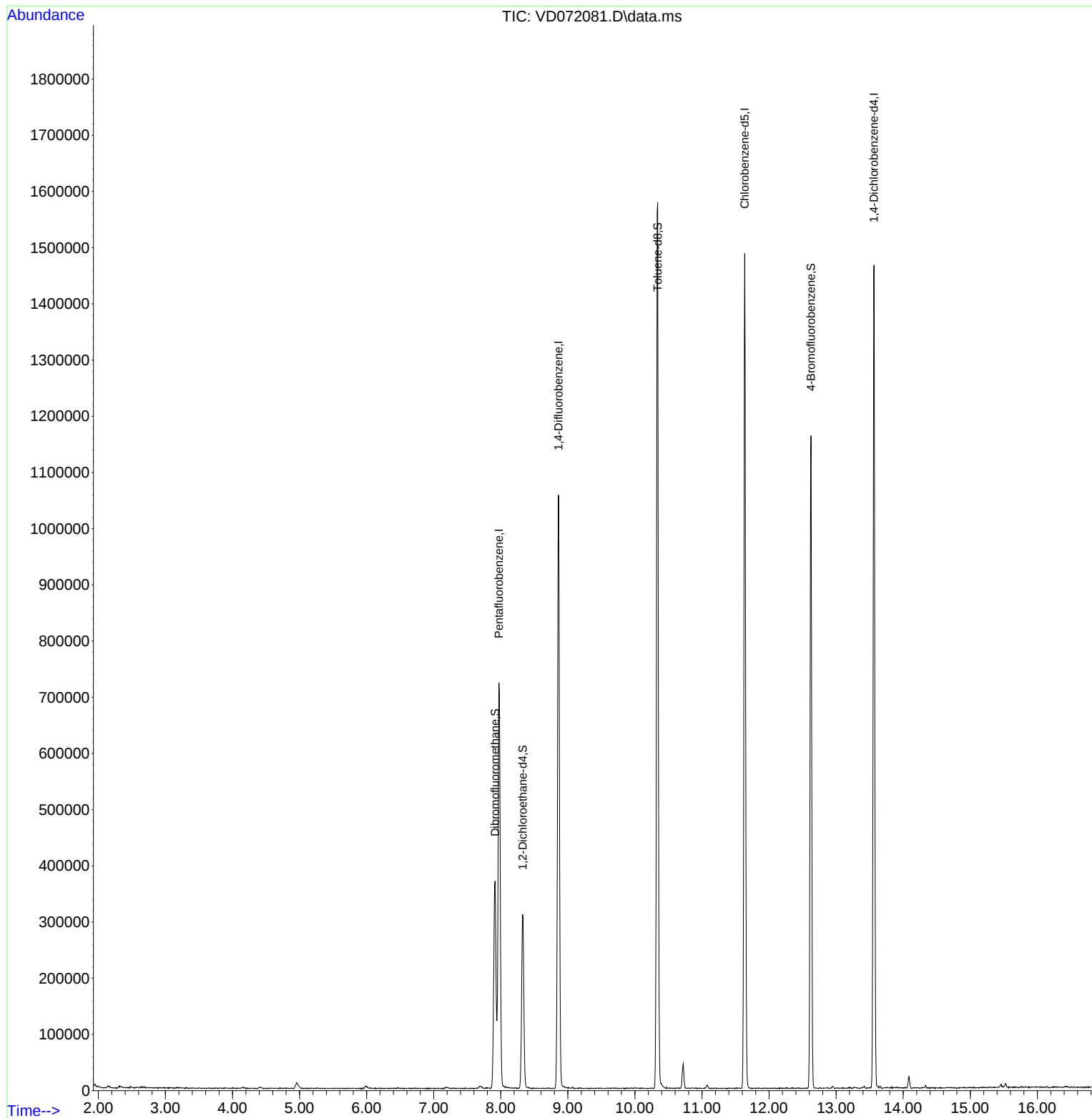
Target Compounds	Qvalue

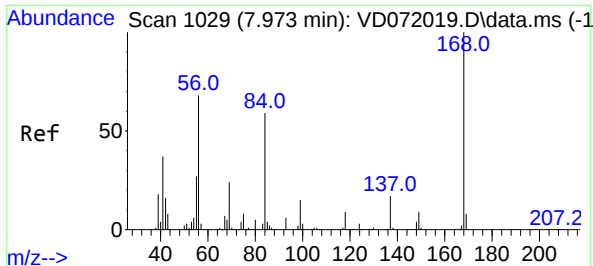
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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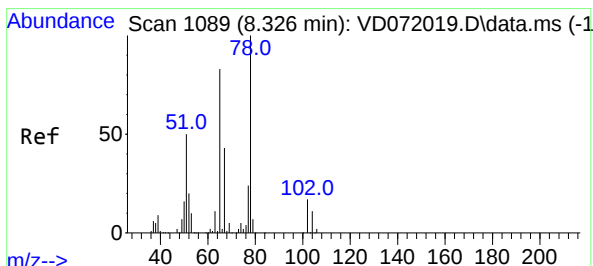
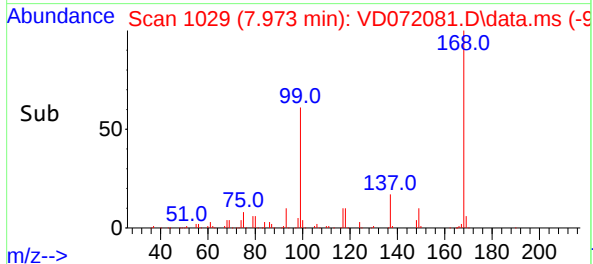
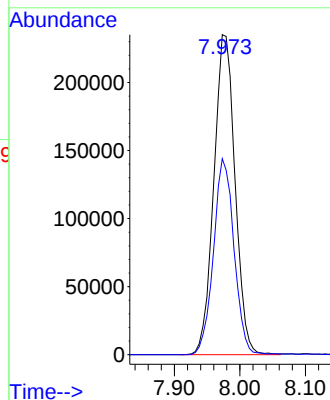
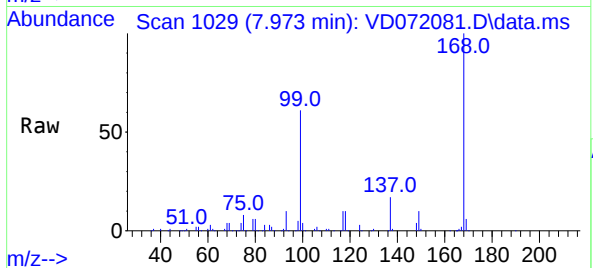




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

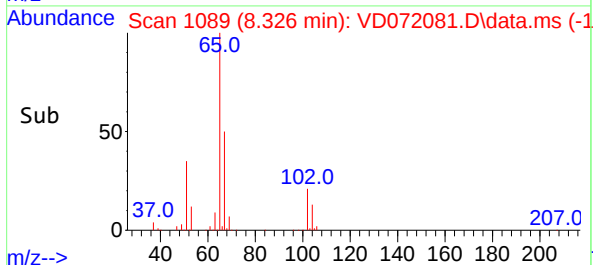
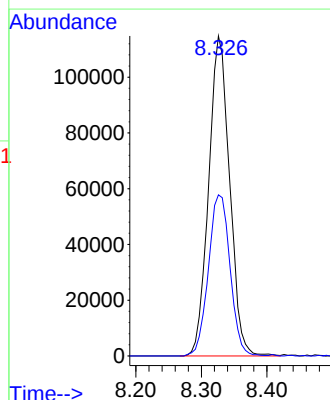
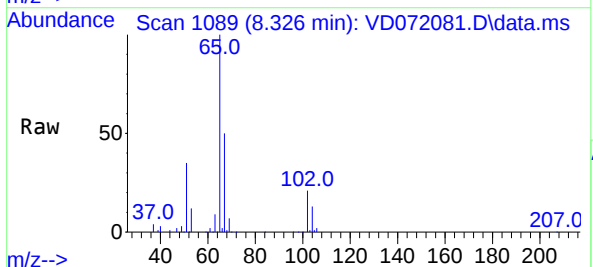
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

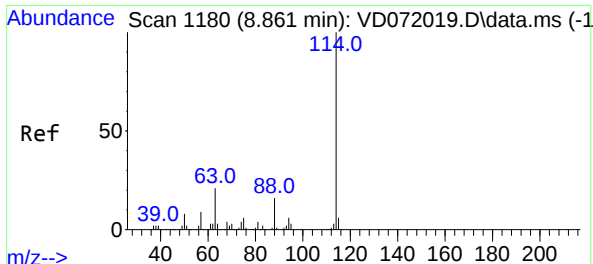
Tgt Ion:168 Resp: 527500
Ion Ratio Lower Upper
168 100
99 61.2 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 46.629 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Tgt Ion: 65 Resp: 255141
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6



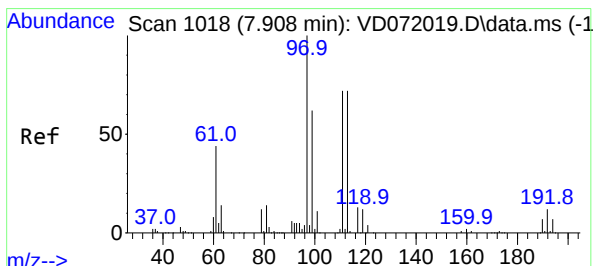
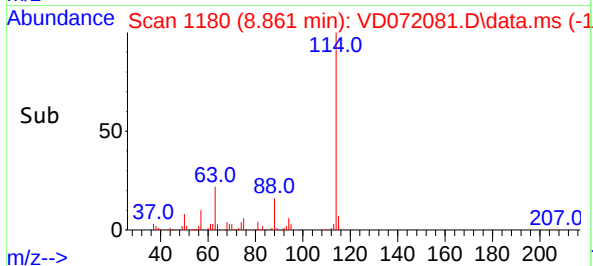
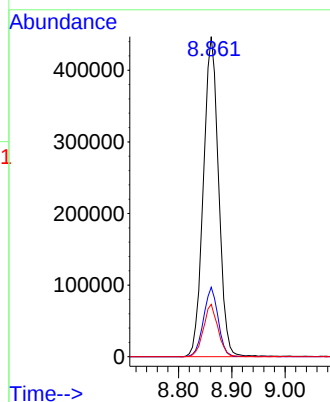
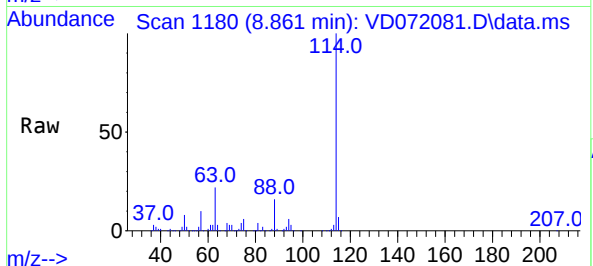


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 884775

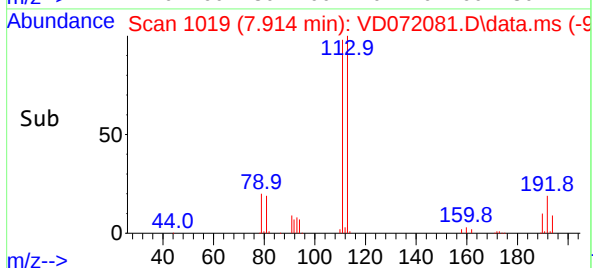
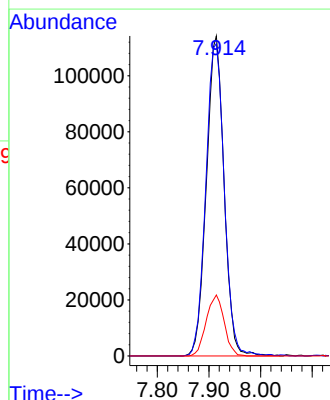
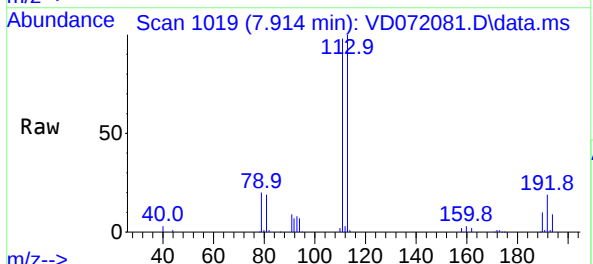
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.2
88	16.4	0.0	31.2

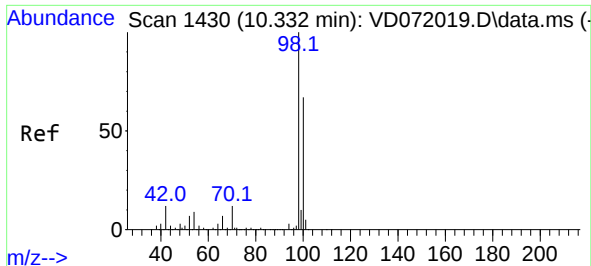


#35
Dibromofluoromethane
Concen: 50.478 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Tgt Ion:113 Resp: 270590

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	19.4	15.3	22.9

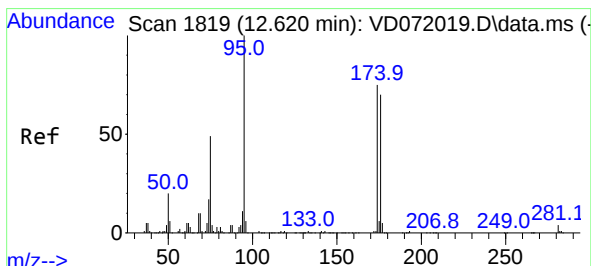
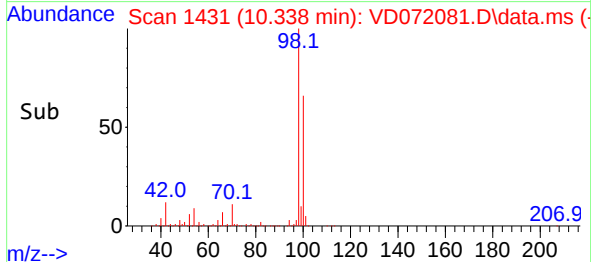
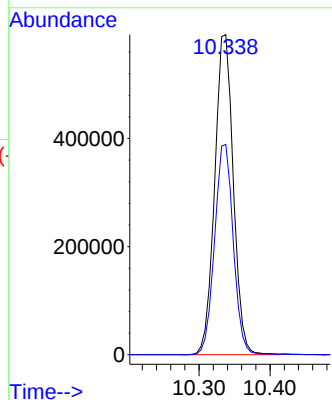
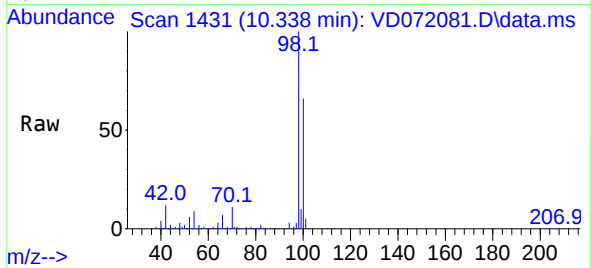




#50
Toluene-d8
Concen: 54.194 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

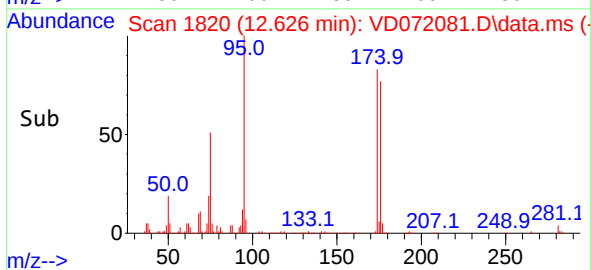
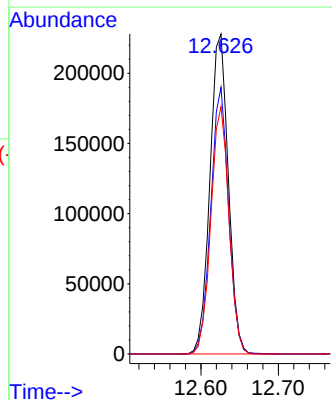
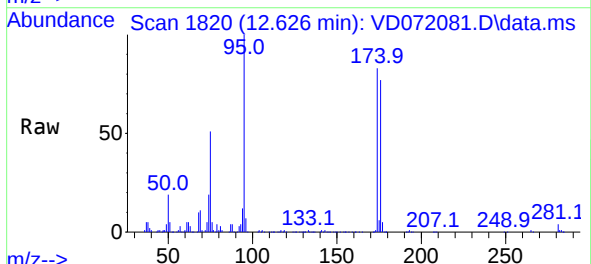
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

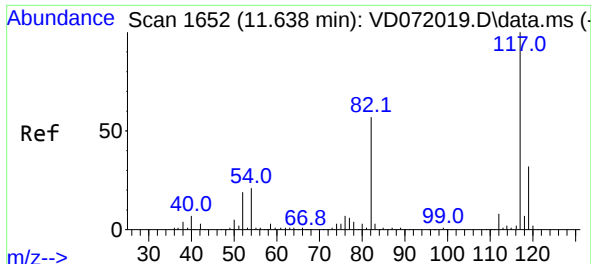
Tgt Ion: 98 Resp: 1077344
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 51.630 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Tgt Ion: 95 Resp: 377016
Ion Ratio Lower Upper
95 100
174 80.7 0.0 155.0
176 75.7 0.0 148.8

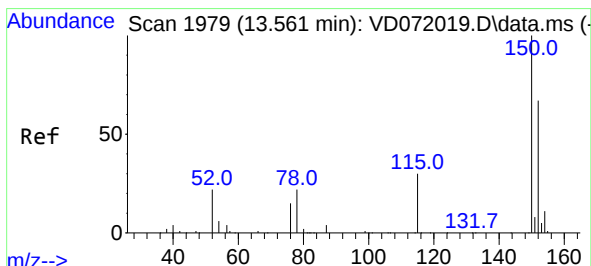
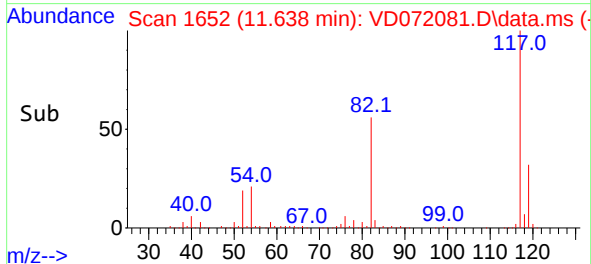
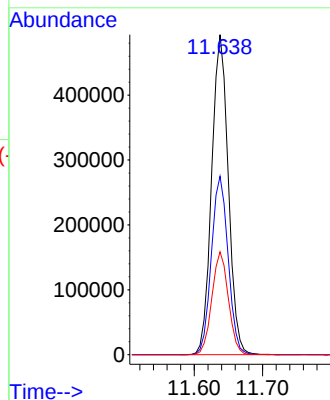
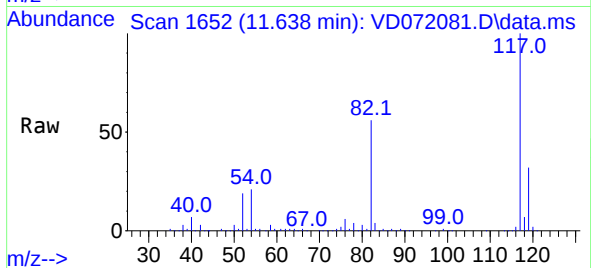




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 837088
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Tgt Ion:152 Resp: 392821
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.7
150 157.7 0.0 347.6

