

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072051.D
 Acq On : 22 Feb 2022 12:17
 Operator : VA/SY
 Sample : N1626-01
 Misc : 4.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A1

Quant Time: Feb 23 05:29:45 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	564647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	983837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	935098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	434324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	280927	47.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.915	113	302492	50.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.338	98	1206890	54.598	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.200%
62) 4-Bromofluorobenzene	12.626	95	430439	53.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.020%

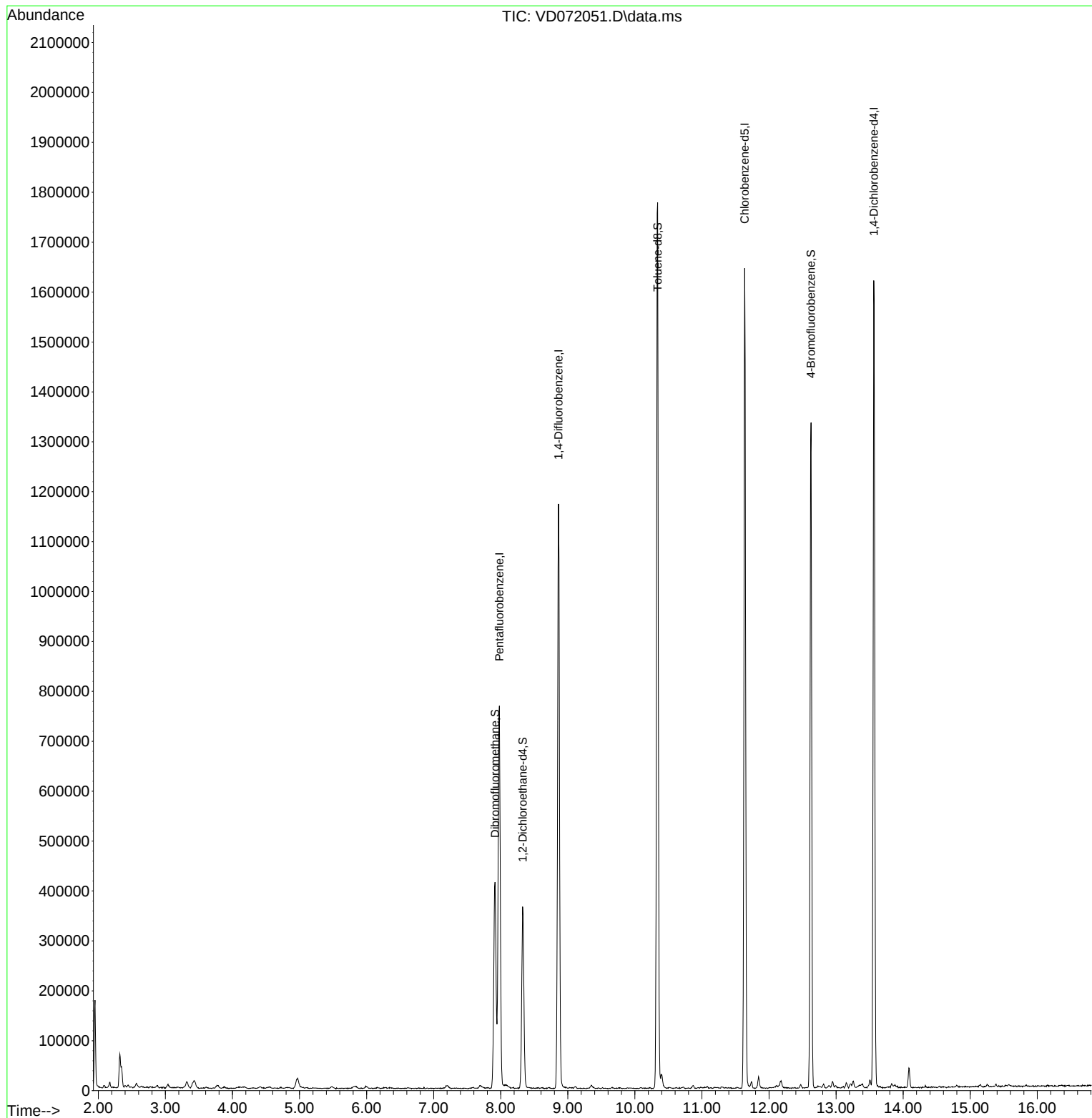
Target Compounds	Qvalue

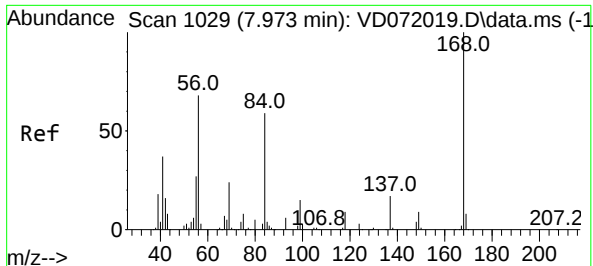
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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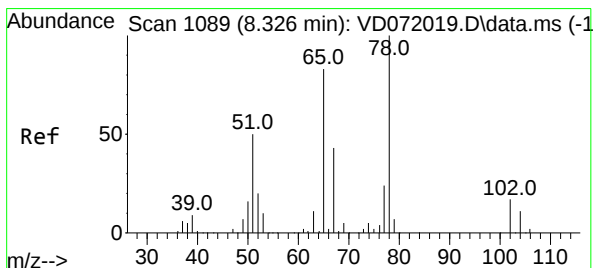
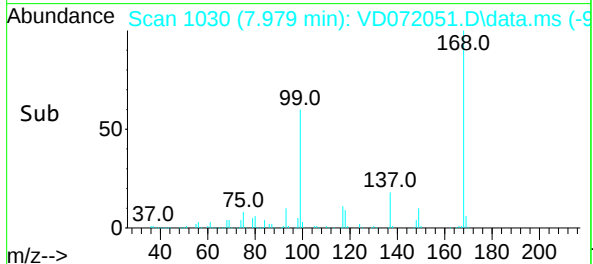
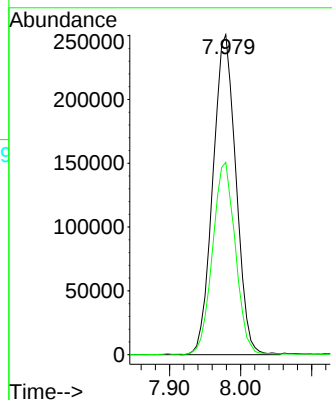
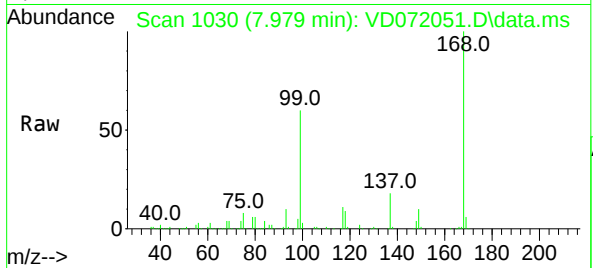




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

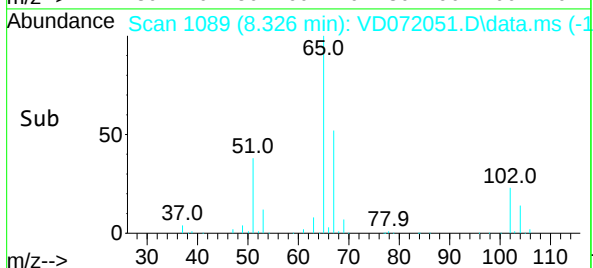
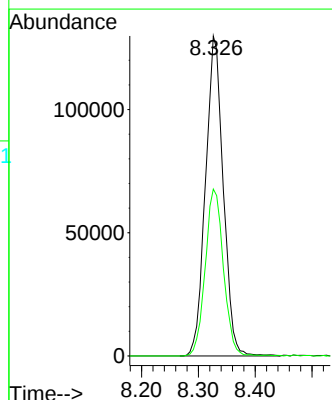
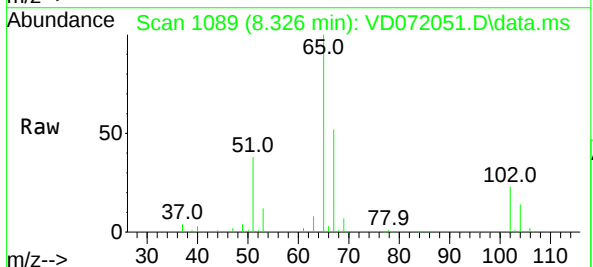
Instrument :
MSVOA_D
ClientSampleId :
CC-A1

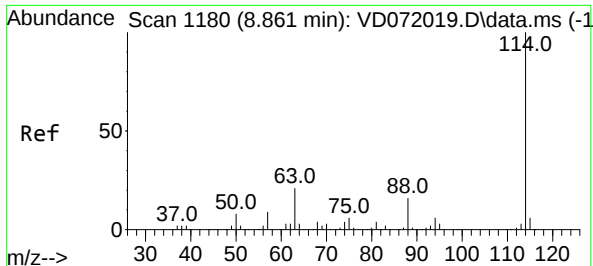
Tgt Ion:168 Resp: 564647
Ion Ratio Lower Upper
168 100
99 59.9 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 47.964 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion: 65 Resp: 280927
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.6

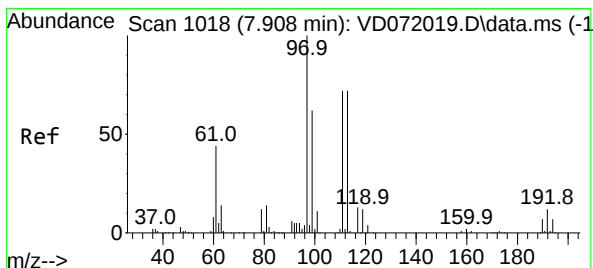
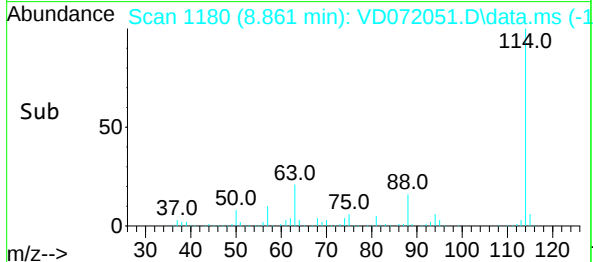
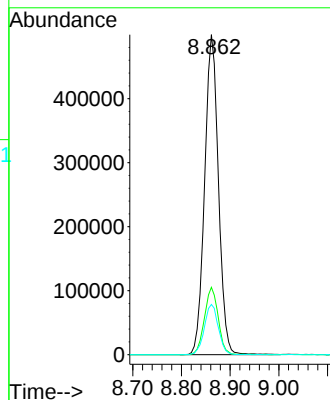
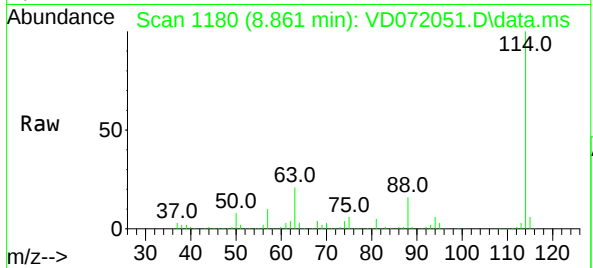




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

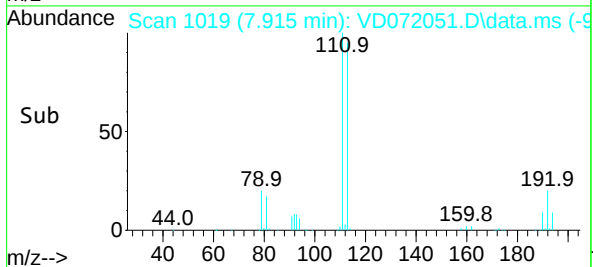
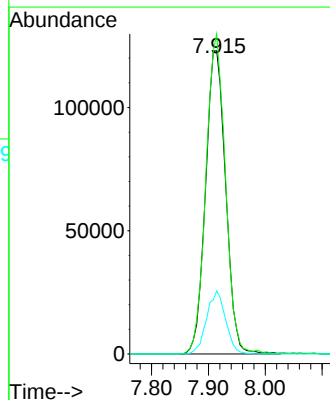
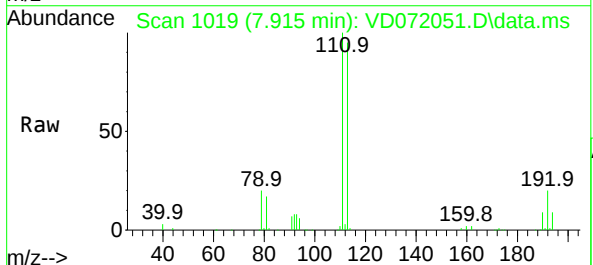
Instrument :
MSVOA_D
ClientSampleId :
CC-A1

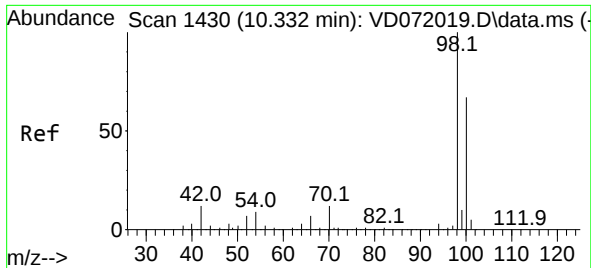
Tgt Ion:114 Resp: 983837
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 15.7 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.747 ug/l
RT: 7.915 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion:113 Resp: 302492
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.4
192 19.6 15.3 22.9

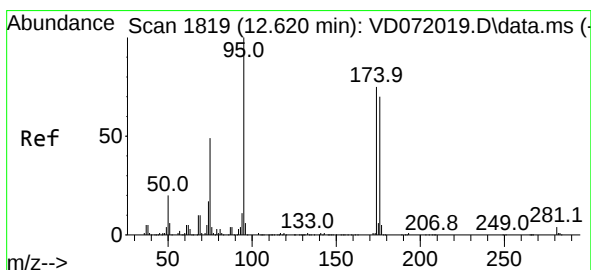
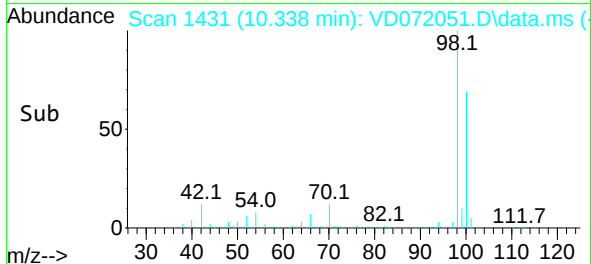
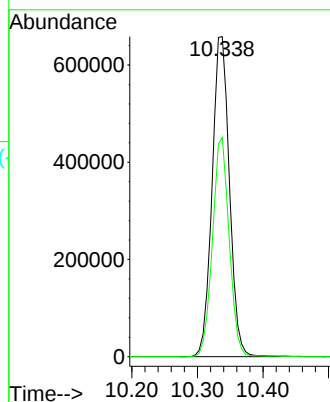
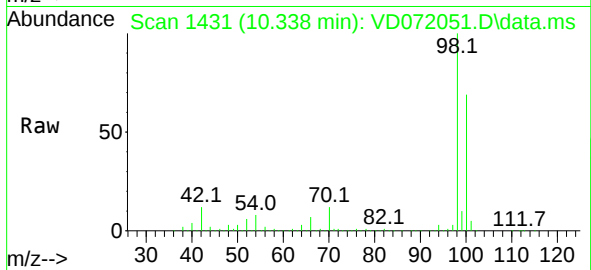




#50
Toluene-d8
Concen: 54.598 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

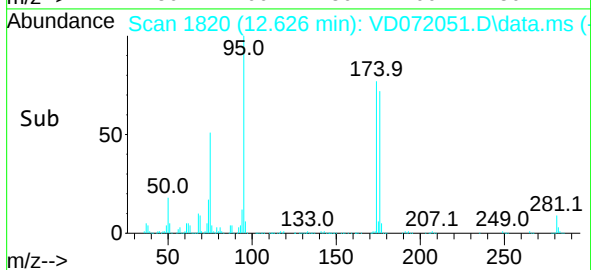
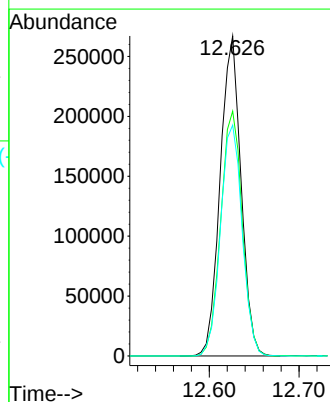
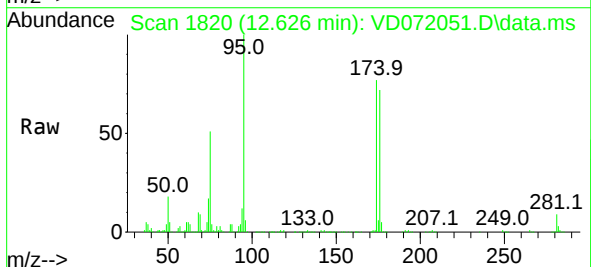
Instrument :
MSVOA_D
ClientSampleId :
CC-A1

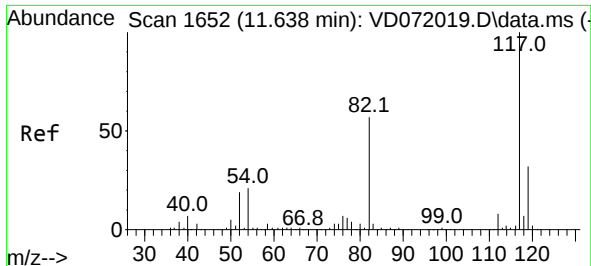
Tgt Ion: 98 Resp: 1206890
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.011 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion: 95 Resp: 430439
Ion Ratio Lower Upper
95 100
174 78.9 0.0 155.0
176 75.0 0.0 148.8

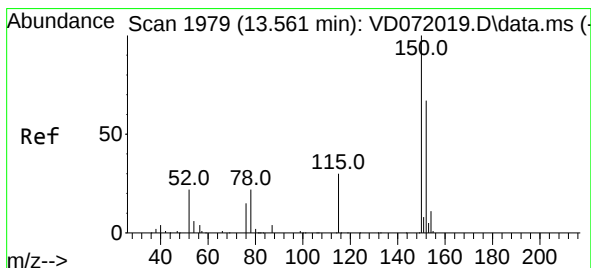
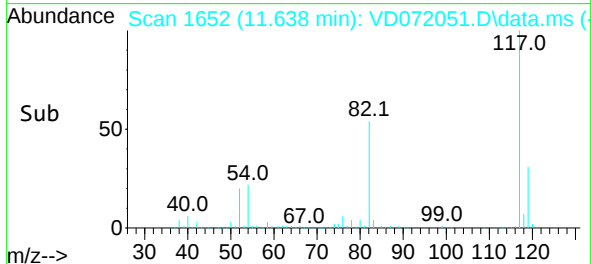
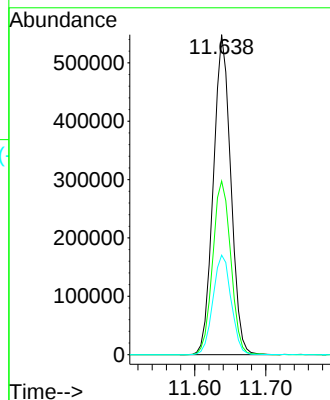
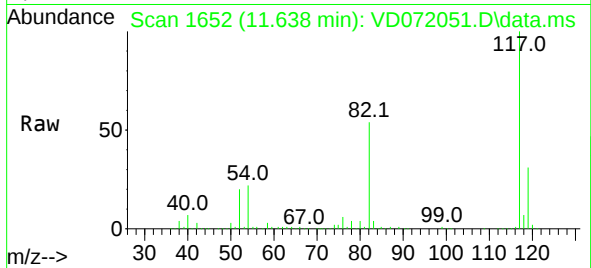




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :
CC-A1

Tgt Ion:117 Resp: 935098
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.0
119 31.1 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: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion:152 Resp: 434324
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.7
150 156.8 0.0 347.6

