

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070641.D
 Acq On : 08 Oct 2021 16:18
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 11 02:23:56 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	7.979	168	265401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	527610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	504353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	204966	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178256	57.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.140%
35) Dibromofluoromethane	7.914	113	182285	51.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.920%
50) Toluene-d8	10.338	98	638322	47.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.620	95	192829	43.023	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.040%

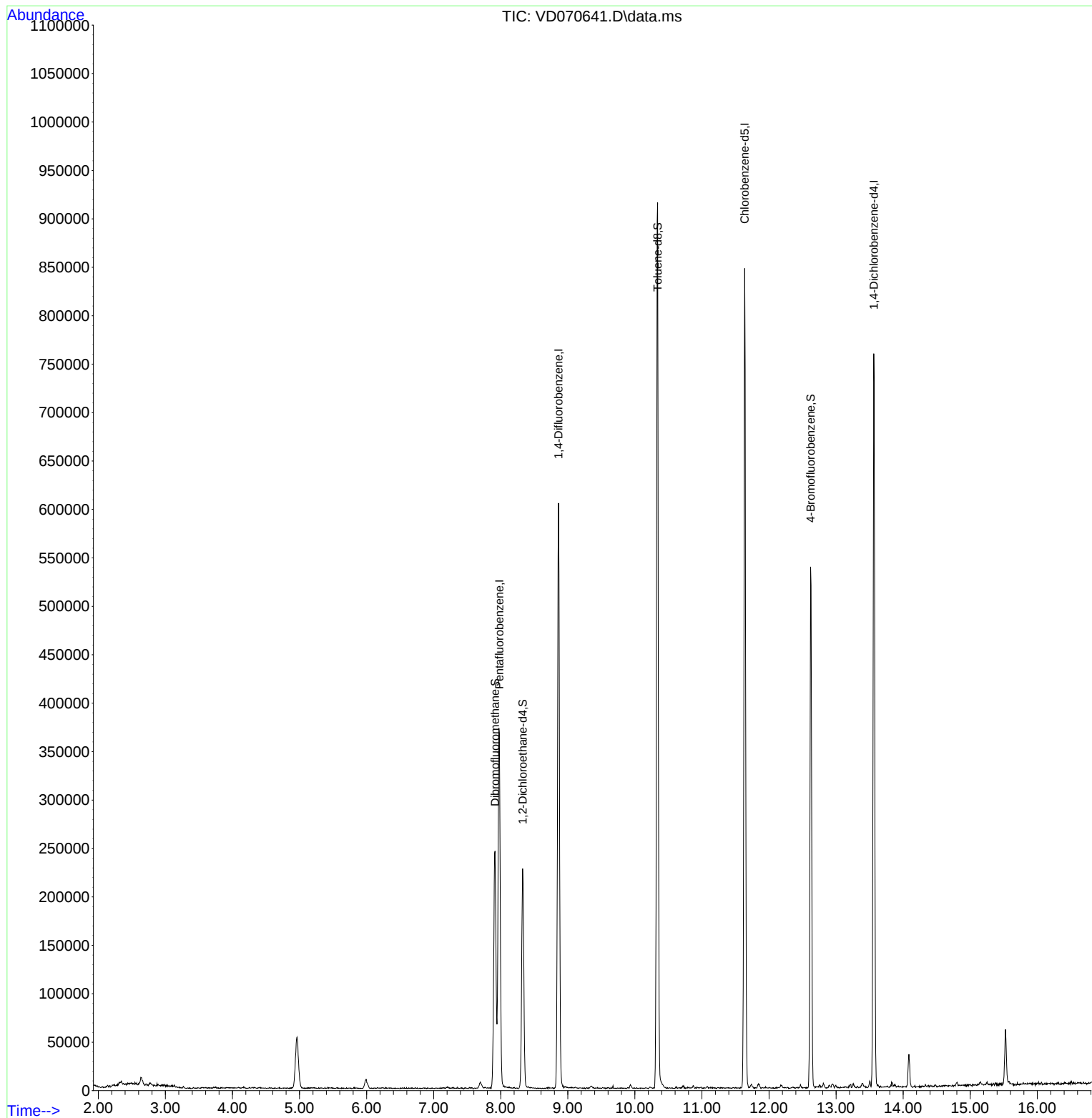
Target Compounds	Qvalue

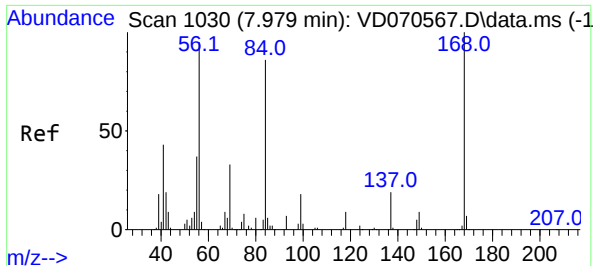
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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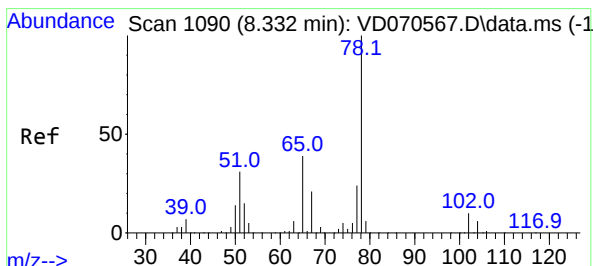
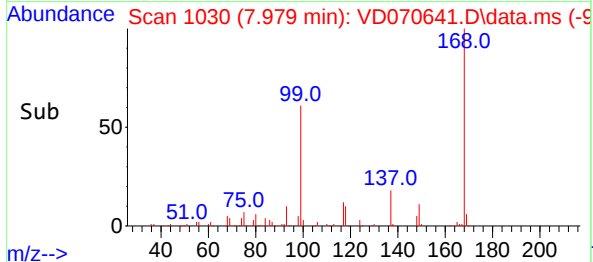
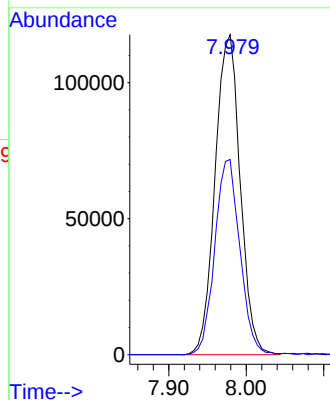
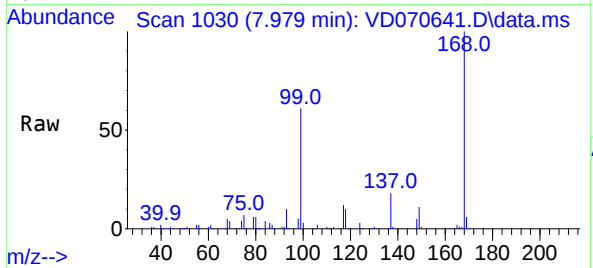




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

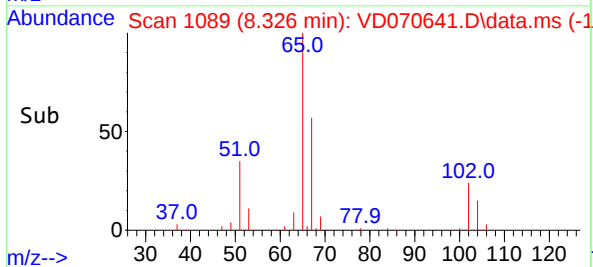
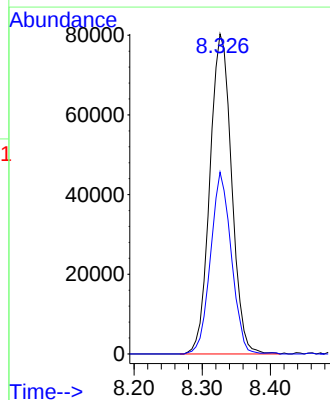
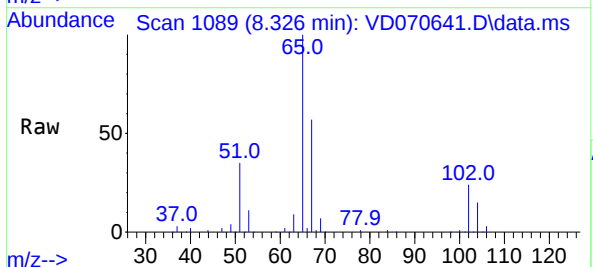
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

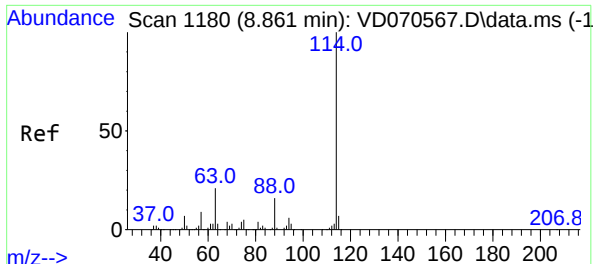
Tgt Ion:168 Resp: 265401
Ion Ratio Lower Upper
168 100
99 61.0 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 57.071 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

Tgt Ion: 65 Resp: 178256
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2



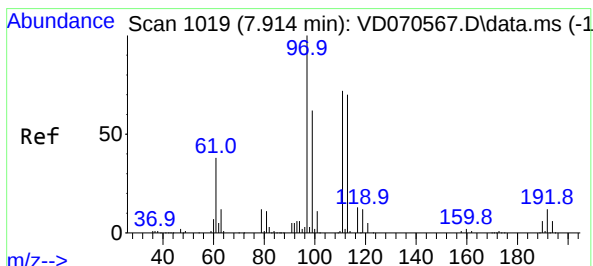
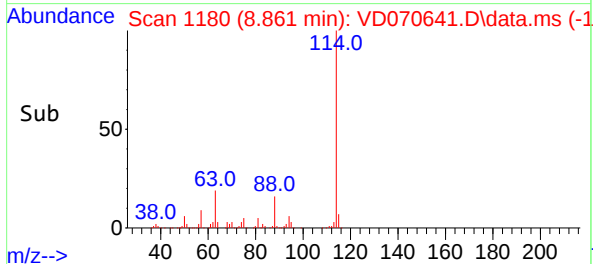
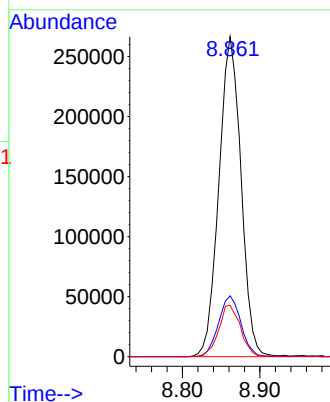
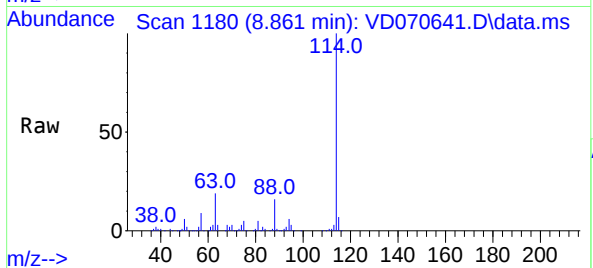


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

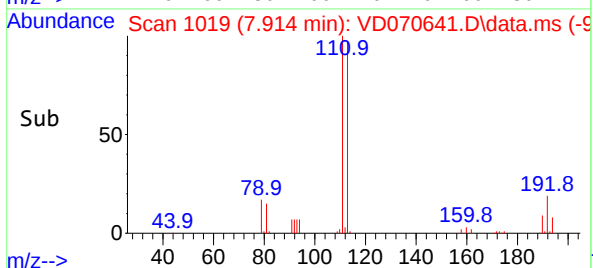
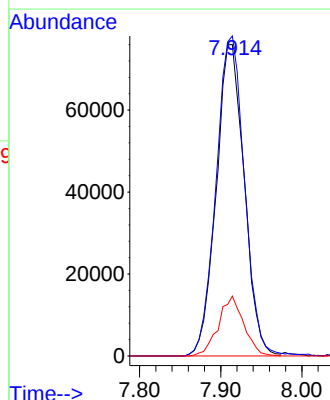
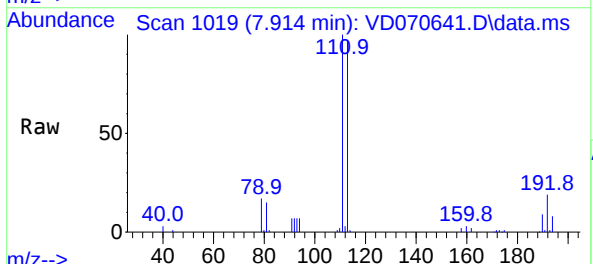
Tgt Ion:114 Resp: 527610
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.8
88 16.0 0.0 32.6

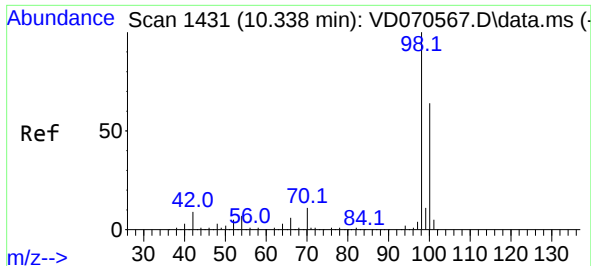


#35

Dibromofluoromethane
Concen: 51.965 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

Tgt Ion:113 Resp: 182285
Ion Ratio Lower Upper
113 100
111 104.4 83.1 124.7
192 17.4 12.7 19.1

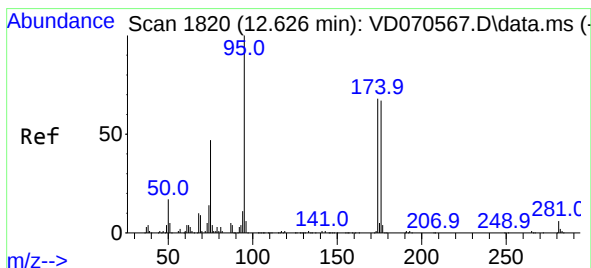
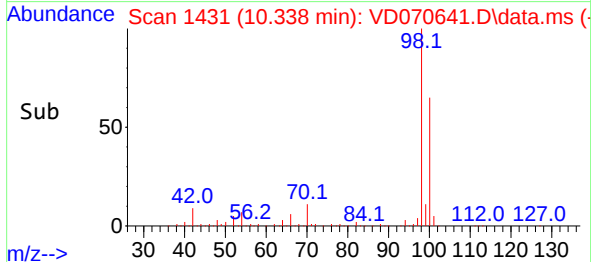
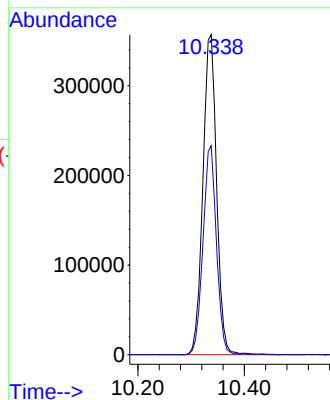
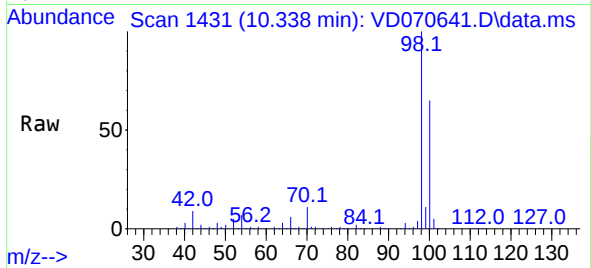




#50
Toluene-d8
Concen: 47.600 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

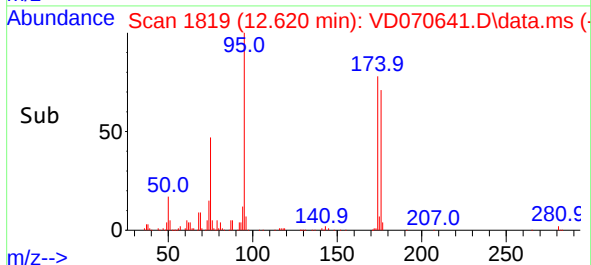
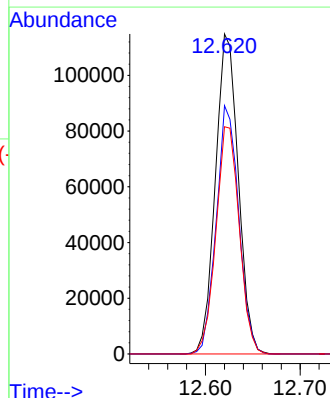
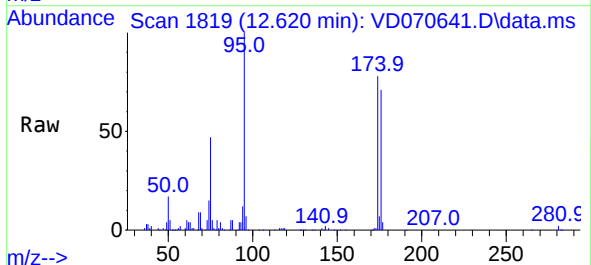
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

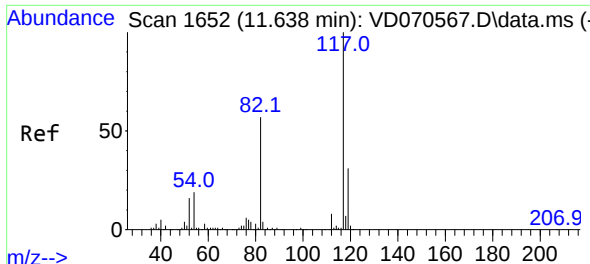
Tgt Ion: 98 Resp: 638322
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.023 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

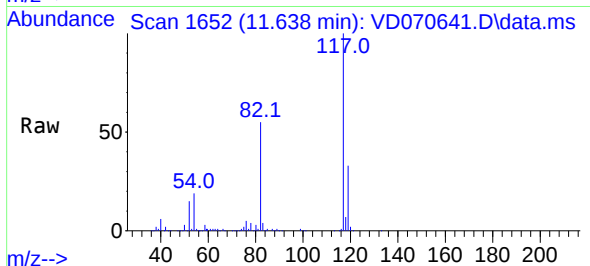
Tgt Ion: 95 Resp: 192829
Ion Ratio Lower Upper
95 100
174 76.4 0.0 138.0
176 72.4 0.0 135.6



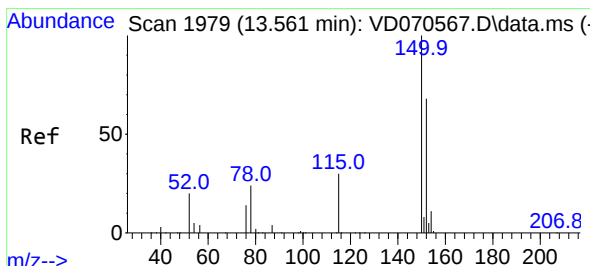
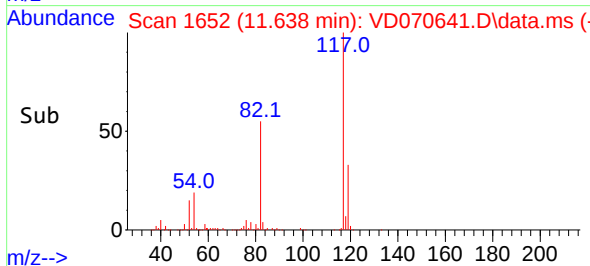
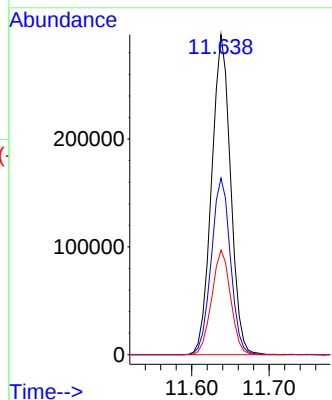


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:117 Resp: 504353
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 32.7 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: VD070641.D
Acq: 08 Oct 2021 16:18

Tgt Ion:152 Resp: 204966
Ion Ratio Lower Upper
152 100
115 64.2 31.9 95.7
150 161.7 0.0 350.0

