

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072682.D
 Acq On : 21 Apr 2022 20:36
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Apr 22 03:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	246417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	447609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	465828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	229949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181580	60.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.820%
35) Dibromofluoromethane	7.908	113	150146	43.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.320%
50) Toluene-d8	10.332	98	562228	46.497	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.620	95	233995	49.551	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.100%

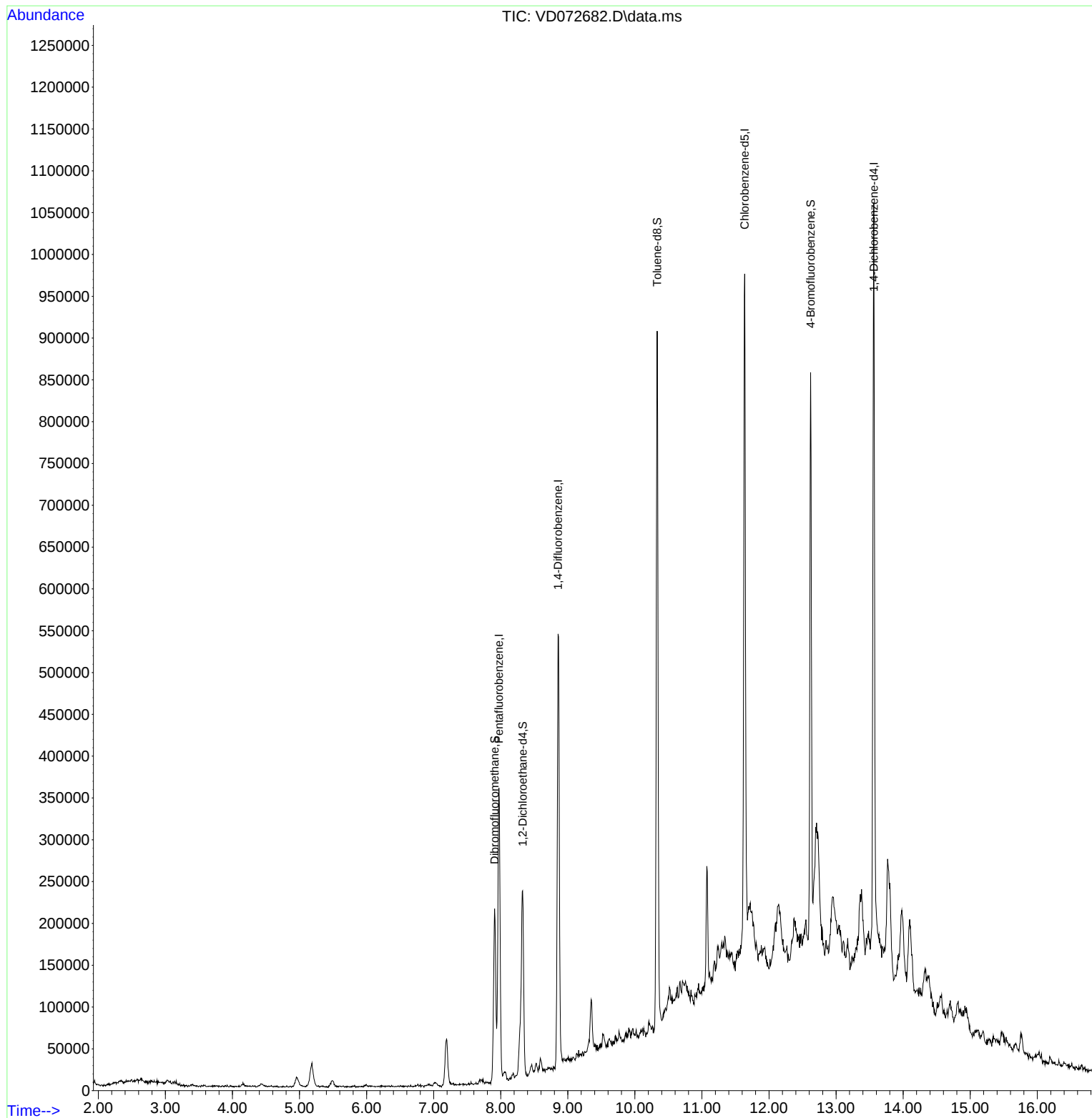
Target Compounds	Qvalue

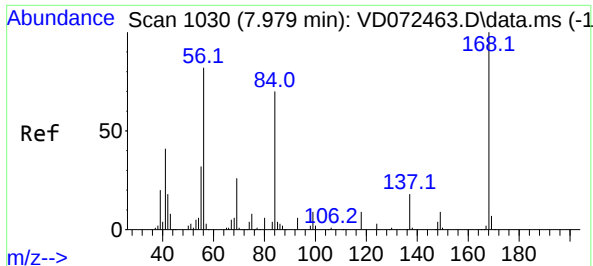
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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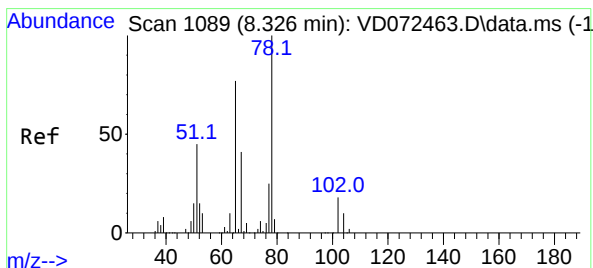
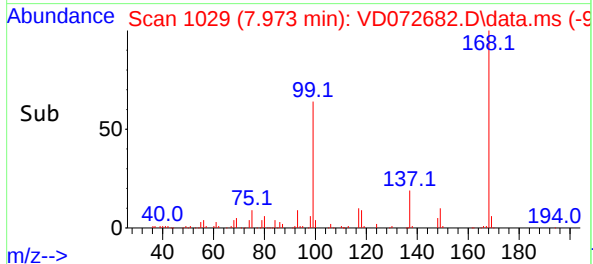
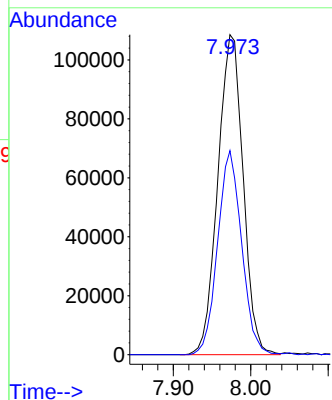
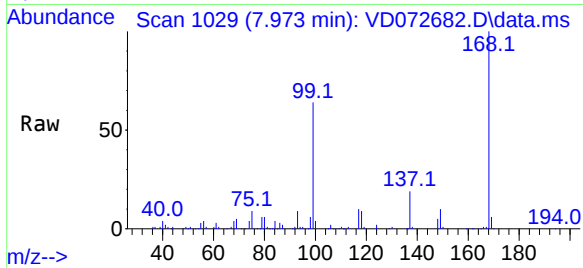




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072682.D
Acq: 21 Apr 2022 20:36

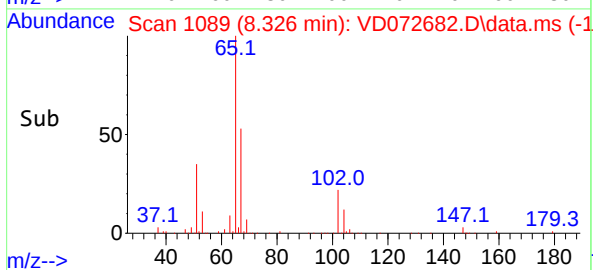
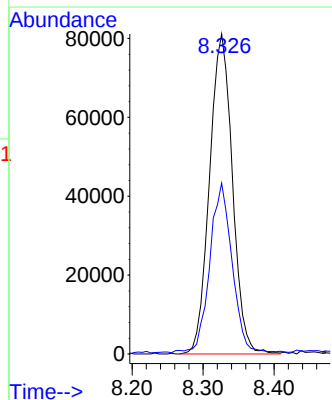
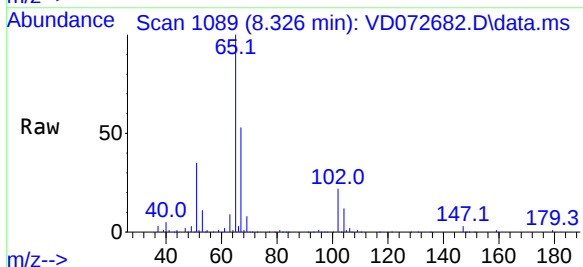
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

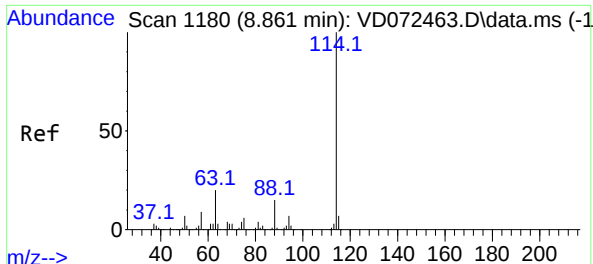
Tgt Ion:168 Resp: 246417
Ion Ratio Lower Upper
168 100
99 63.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 60.915 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072682.D
Acq: 21 Apr 2022 20:36

Tgt Ion: 65 Resp: 181580
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4



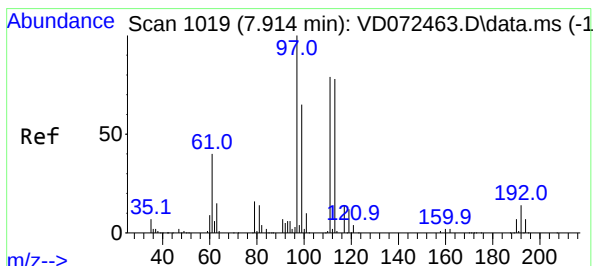
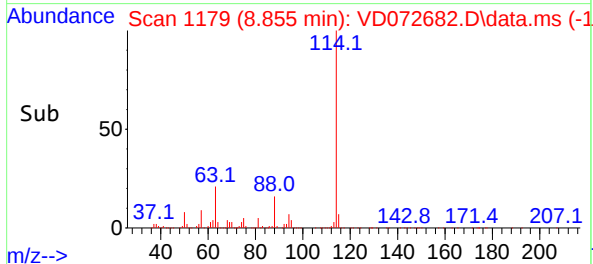
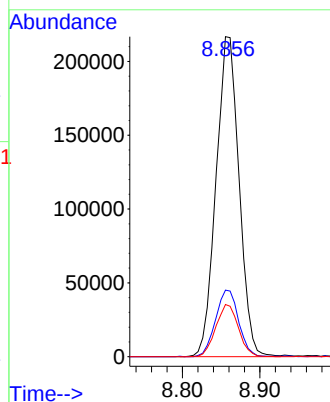
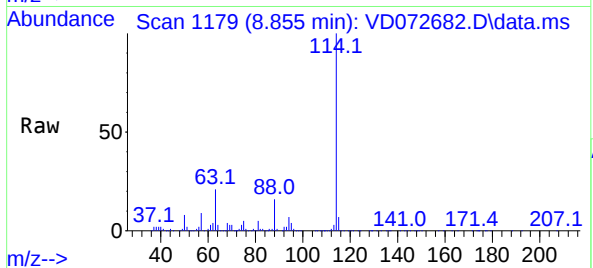


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072682.D
Acq: 21 Apr 2022 20:36

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 447609

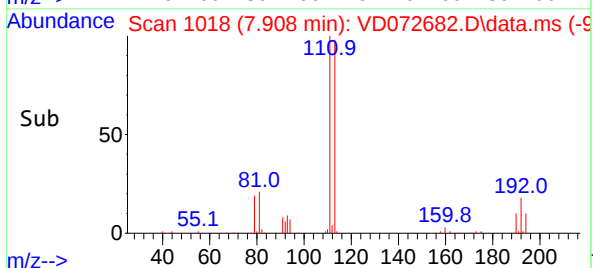
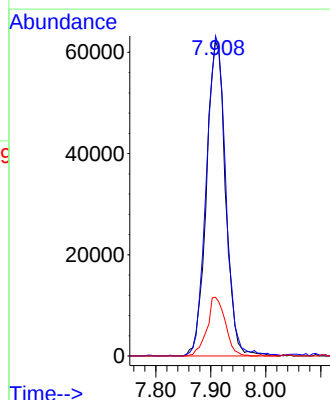
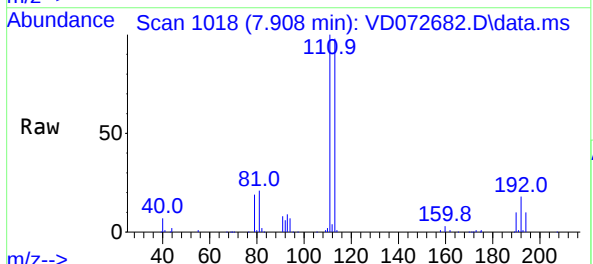
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	46.6
88	16.3	0.0	33.2

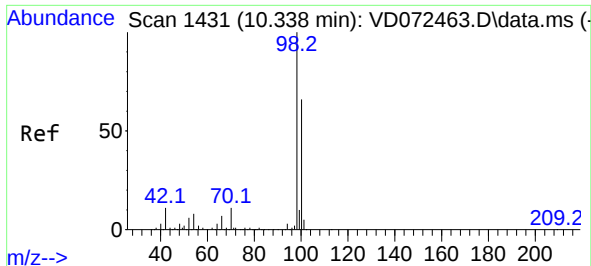


#35
Dibromofluoromethane
Concen: 43.163 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072682.D
Acq: 21 Apr 2022 20:36

Tgt Ion:113 Resp: 150146

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	17.9	14.6	21.8

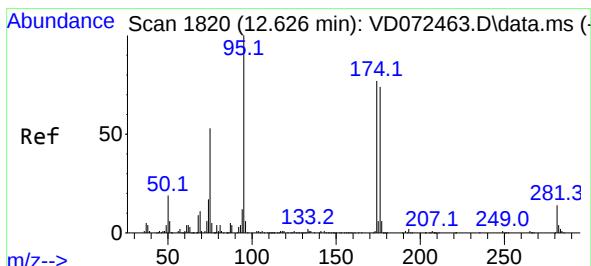
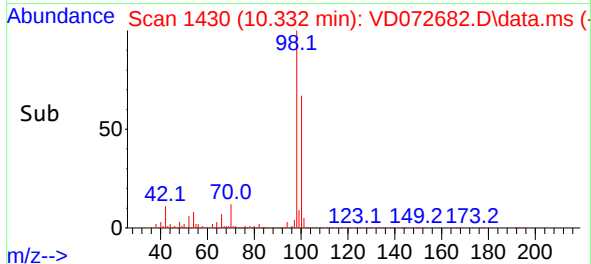
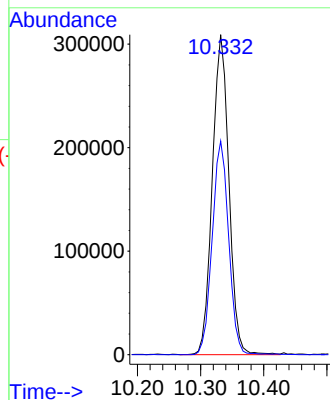
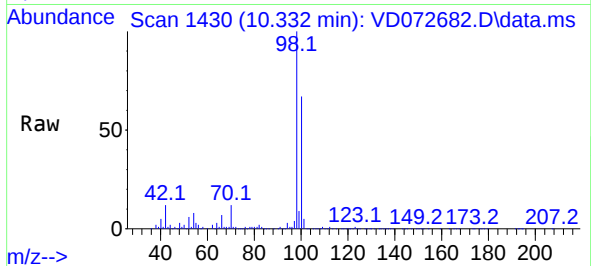




#50
Toluene-d8
Concen: 46.497 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD072682.D
Acq: 21 Apr 2022 20:36

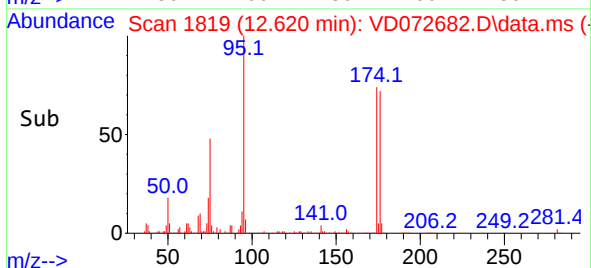
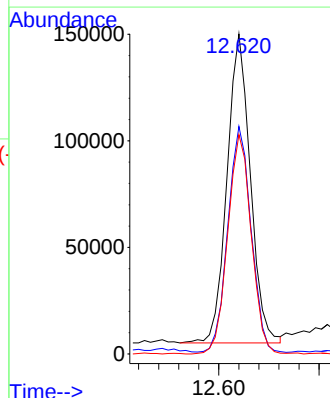
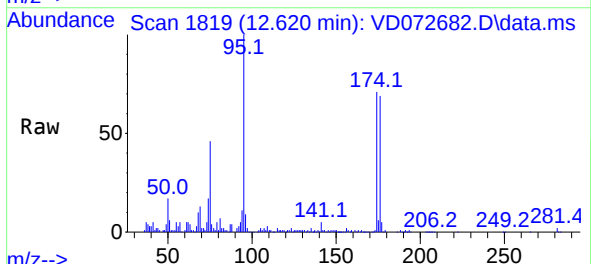
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

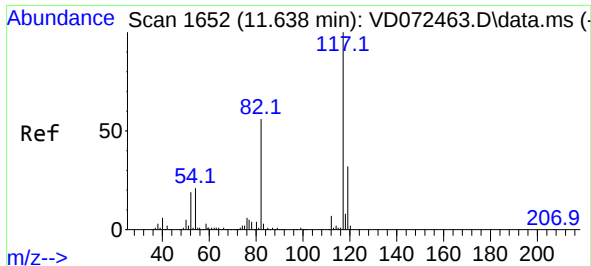
Tgt Ion: 98 Resp: 562228
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.551 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072682.D
Acq: 21 Apr 2022 20:36

Tgt Ion: 95 Resp: 233995
Ion Ratio Lower Upper
95 100
174 73.0 0.0 152.8
176 71.7 0.0 145.4

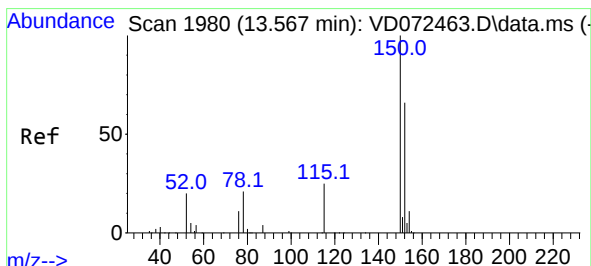
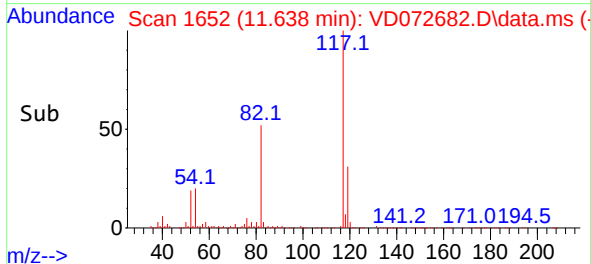
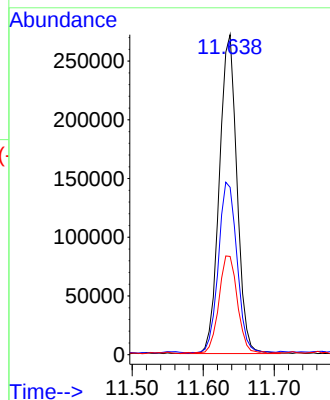
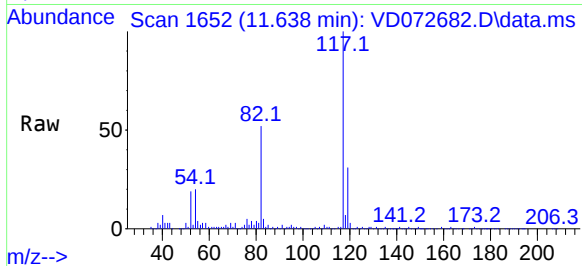




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072682.D
Acq: 21 Apr 2022 20:36

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 465828
Ion Ratio Lower Upper
117 100
82 51.7 45.3 67.9
119 30.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072682.D
Acq: 21 Apr 2022 20:36

Tgt Ion:152 Resp: 229949
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 158.1 0.0 348.6

