

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070684.D
 Acq On : 12 Oct 2021 17:29
 Operator : VA/SY
 Sample : M4127-05
 Misc : 5.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20426

Quant Time: Oct 13 06:38:12 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	378778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	760636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	754865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	295776	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236682	53.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.20%
35) Dibromofluoromethane	7.914	113	244396	48.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.66%
50) Toluene-d8	10.338	98	990728	51.25	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.50%
62) 4-Bromofluorobenzene	12.626	95	351287	54.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.74%

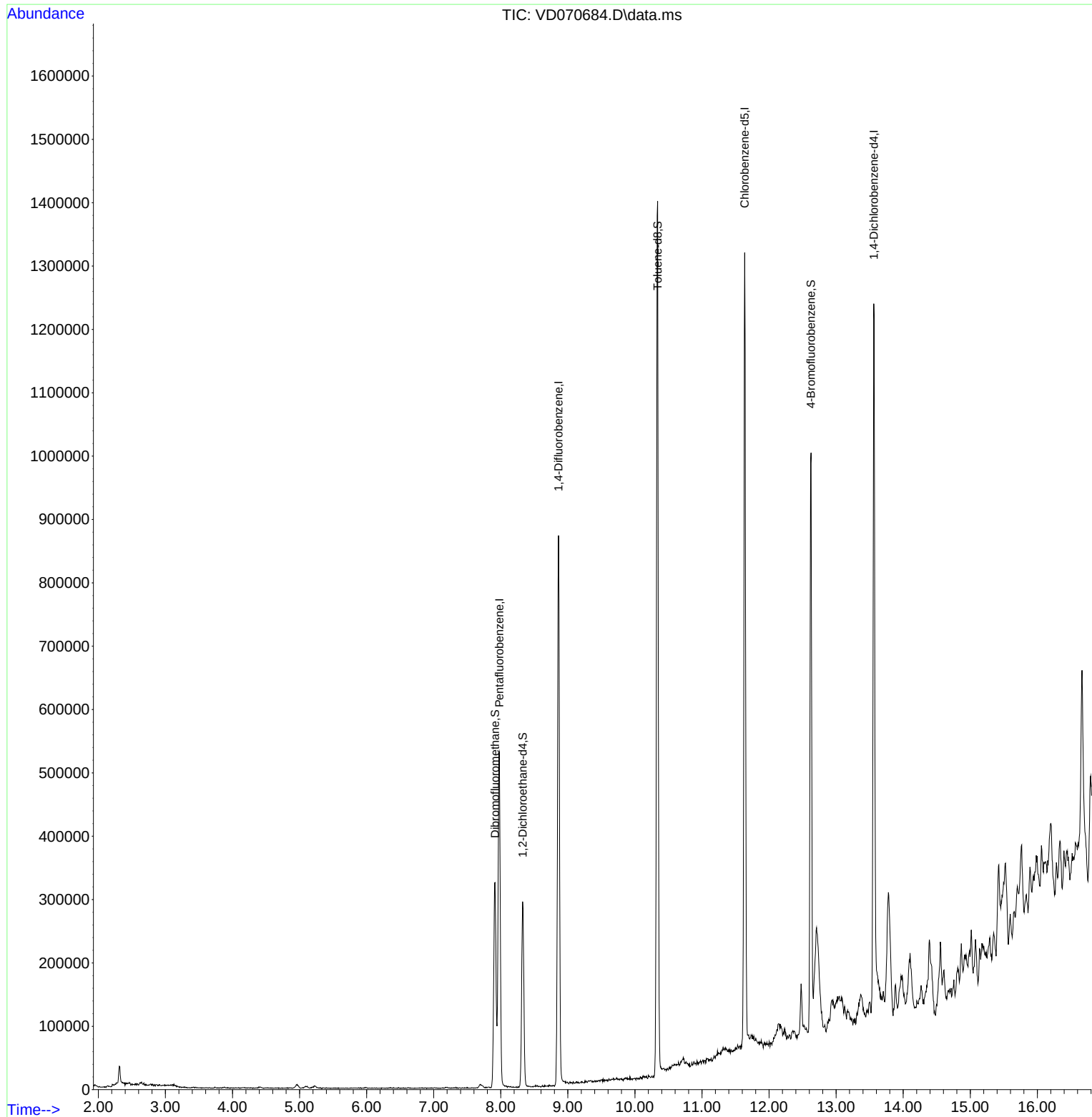
Target Compounds	Qvalue

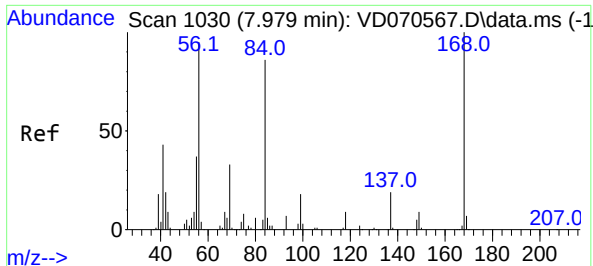
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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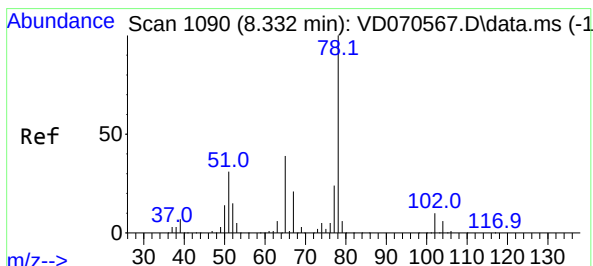
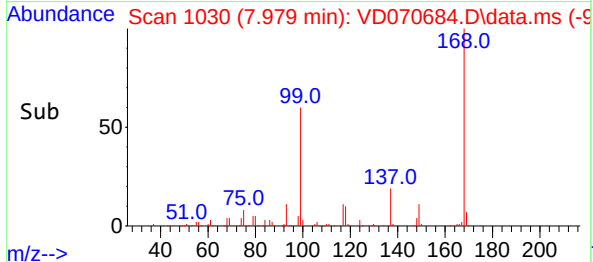
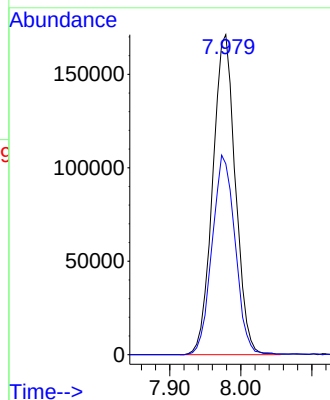
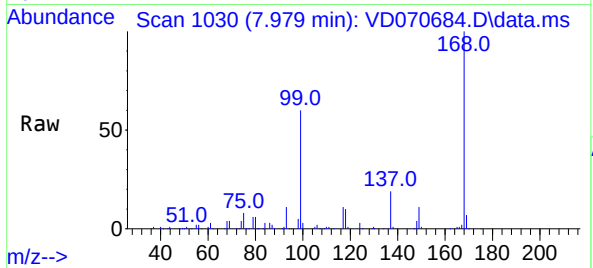




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070684.D
Acq: 12 Oct 2021 17:29

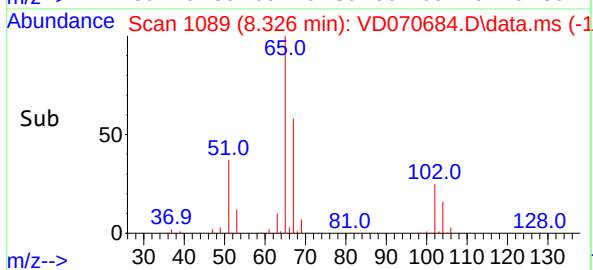
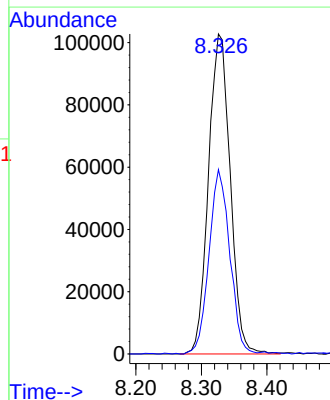
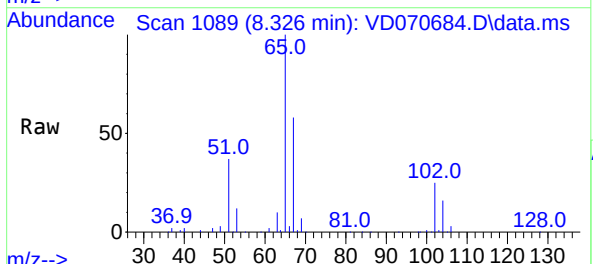
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20426

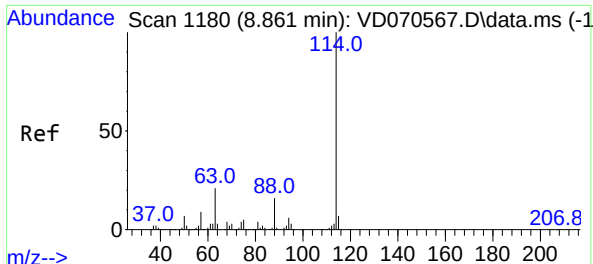
Tgt Ion:168 Resp: 378778
Ion Ratio Lower Upper
168 100
99 59.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.10 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070684.D
Acq: 12 Oct 2021 17:29

Tgt Ion: 65 Resp: 236682
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





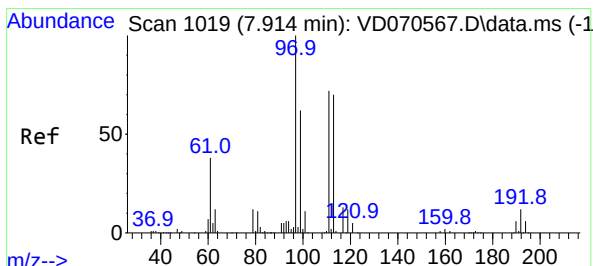
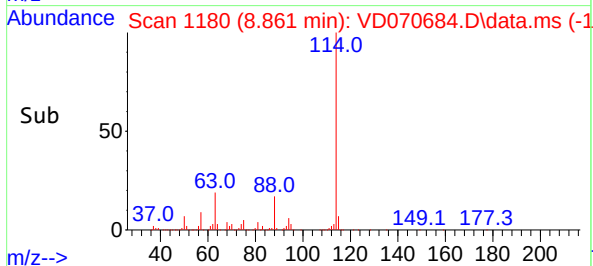
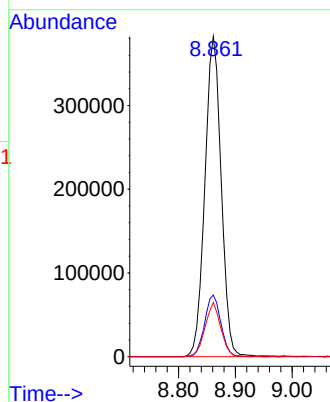
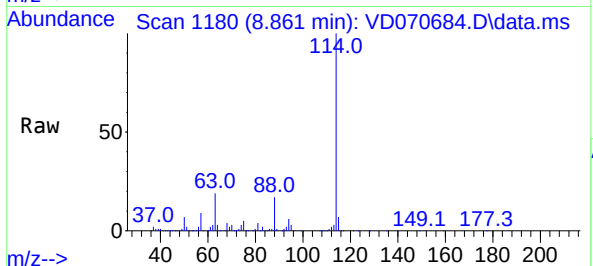
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070684.D
Acq: 12 Oct 2021 17:29

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20426

Tgt Ion:114 Resp: 760636

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.8
88	16.9	0.0	32.6

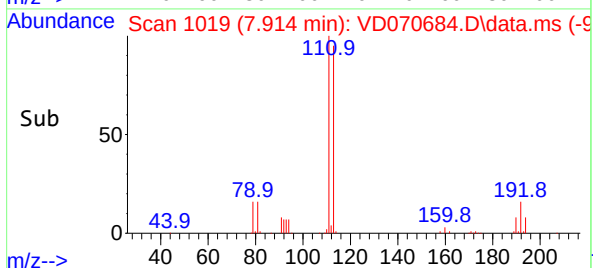
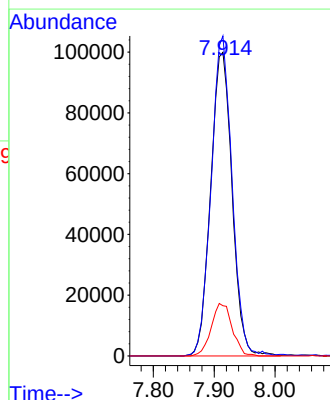
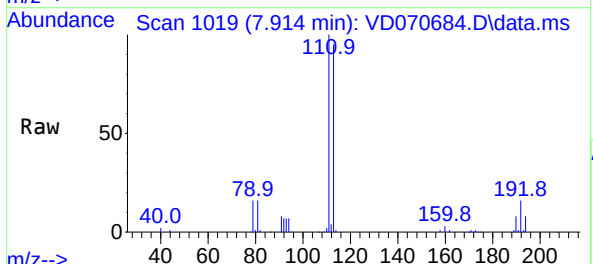


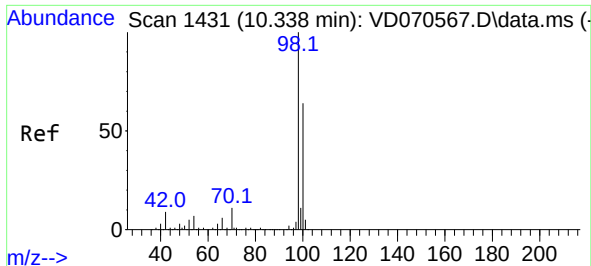
#35

Dibromofluoromethane
Concen: 48.33 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070684.D
Acq: 12 Oct 2021 17:29

Tgt Ion:113 Resp: 244396

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	16.9	12.7	19.1

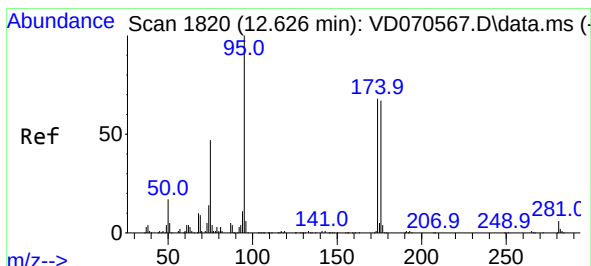
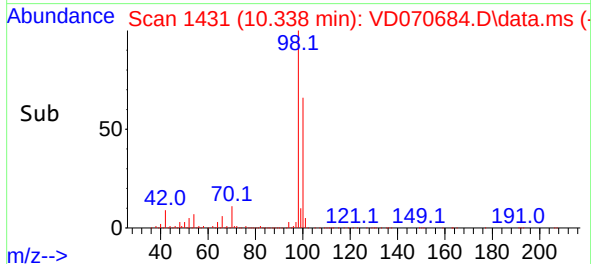
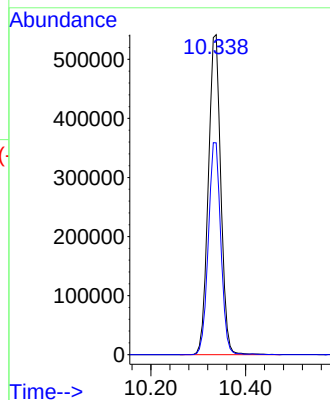
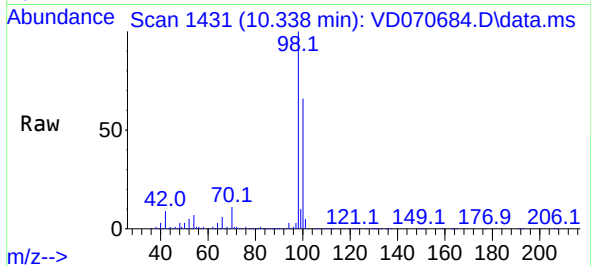




#50
Toluene-d8
Concen: 51.25 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070684.D
Acq: 12 Oct 2021 17:29

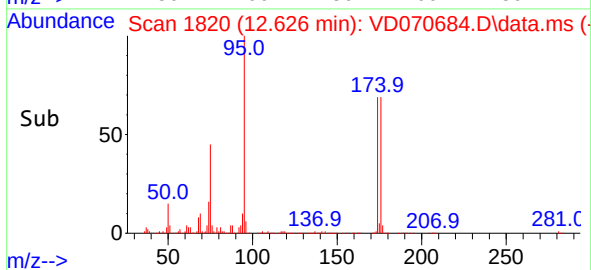
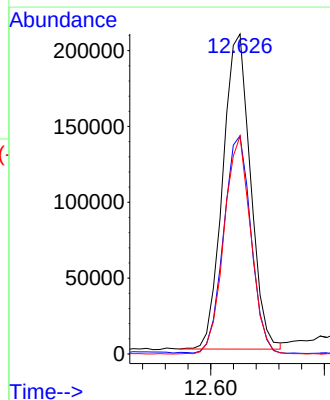
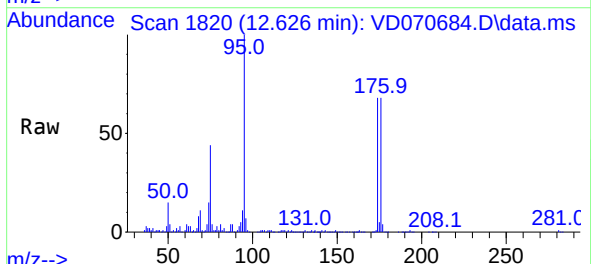
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20426

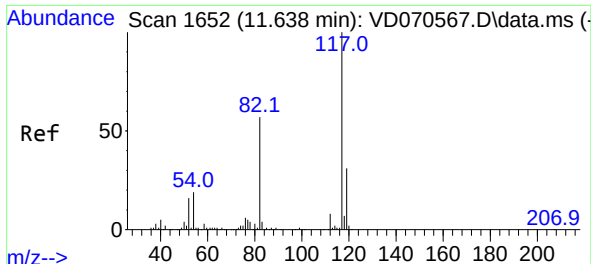
Tgt Ion: 98 Resp: 990728
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.37 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070684.D
Acq: 12 Oct 2021 17:29

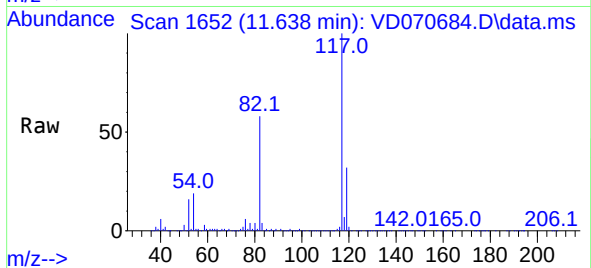
Tgt Ion: 95 Resp: 351287
Ion Ratio Lower Upper
95 100
174 68.3 0.0 138.0
176 66.8 0.0 135.6



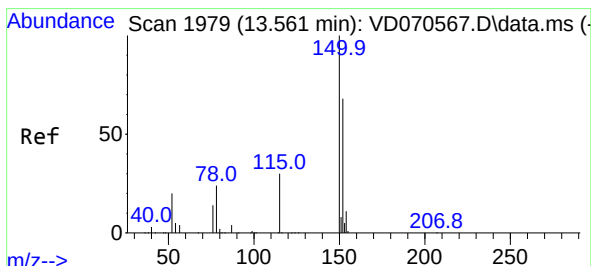
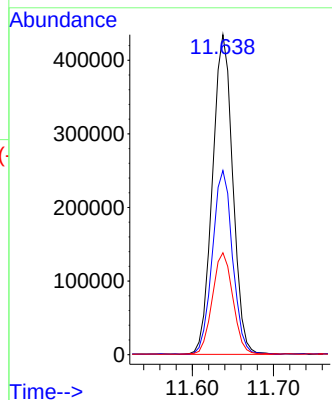
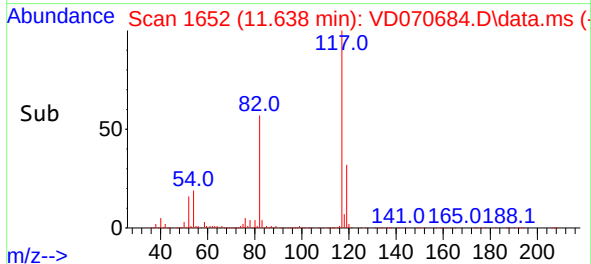


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070684.D
Acq: 12 Oct 2021 17:29

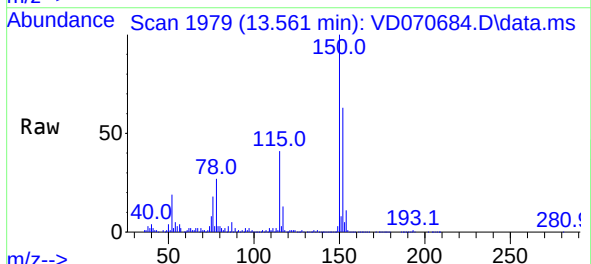
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20426



Tgt Ion:117 Resp: 754865
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.2
119 31.7 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070684.D
Acq: 12 Oct 2021 17:29



Tgt Ion:152 Resp: 295776
Ion Ratio Lower Upper
152 100
115 64.2 31.9 95.7
150 158.2 0.0 350.0

