

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070685.D
 Acq On : 12 Oct 2021 17:58
 Operator : VA/SY
 Sample : M4127-08
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26644

Quant Time: Oct 13 06:38:32 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	7.973	168	420860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	834099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	829481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	359143	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231026	46.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.28%
35) Dibromofluoromethane	7.914	113	252627	45.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.10%
50) Toluene-d8	10.332	98	1090976	51.46	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.92%
62) 4-Bromofluorobenzene	12.620	95	392595	55.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.82%

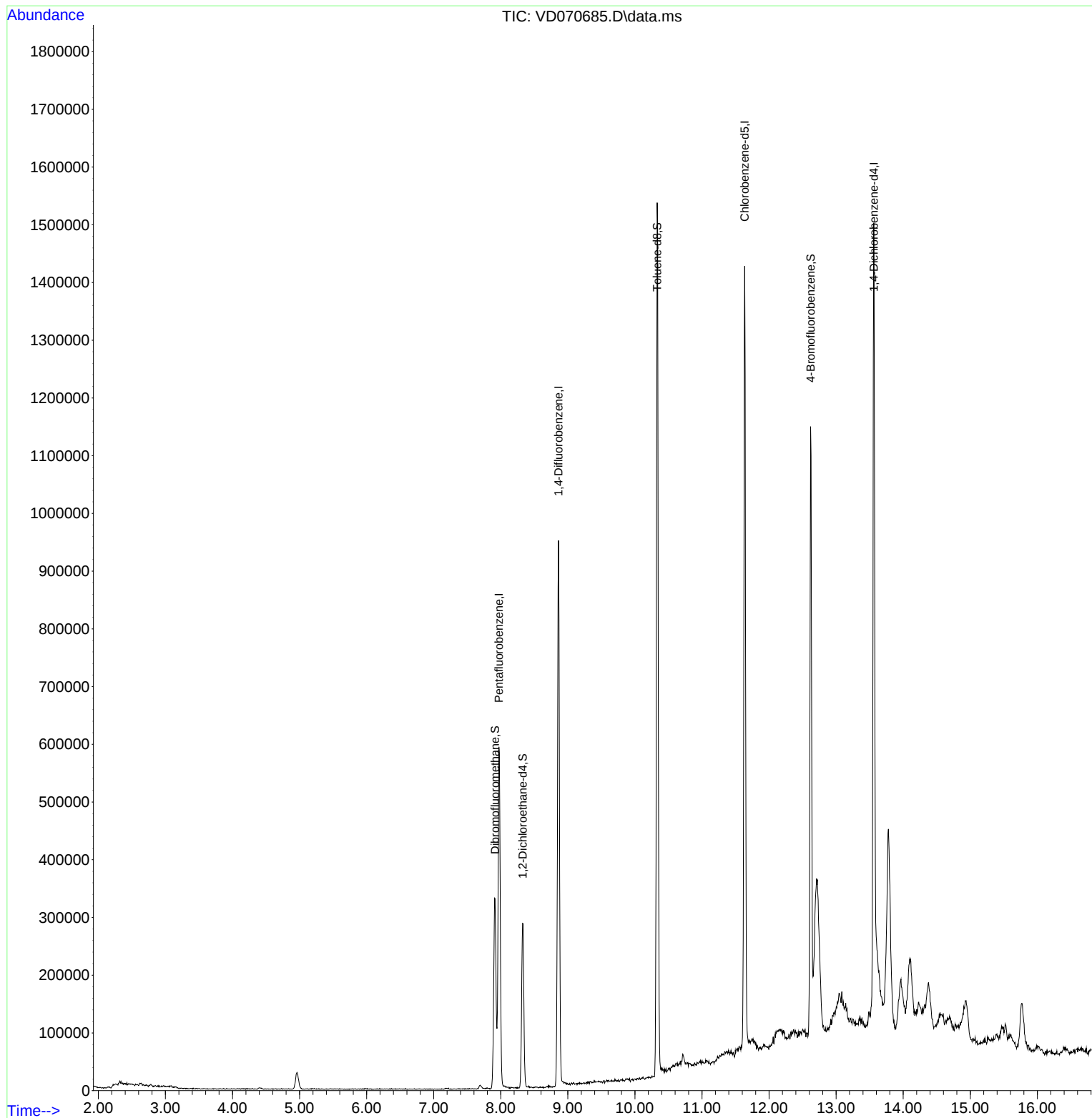
Target Compounds	Qvalue

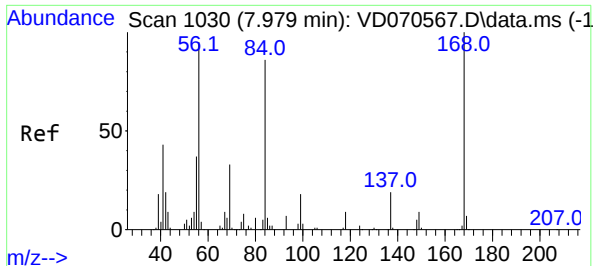
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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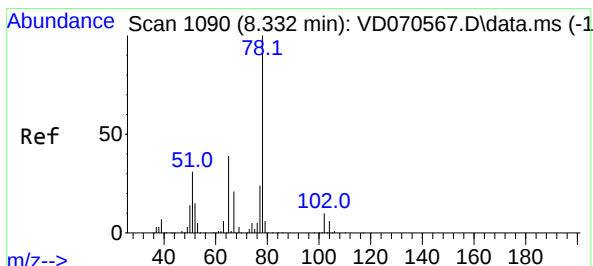
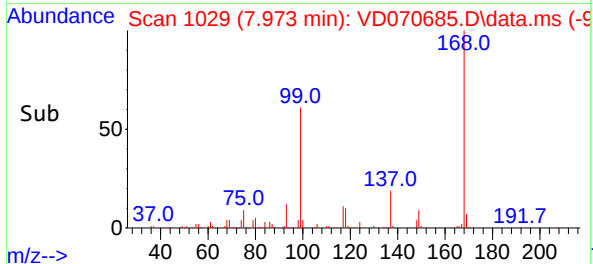
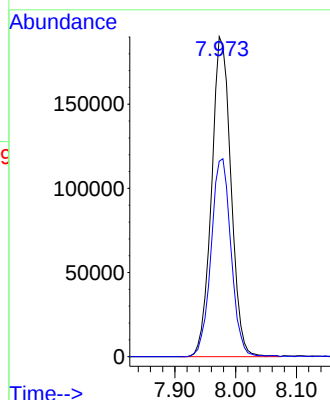
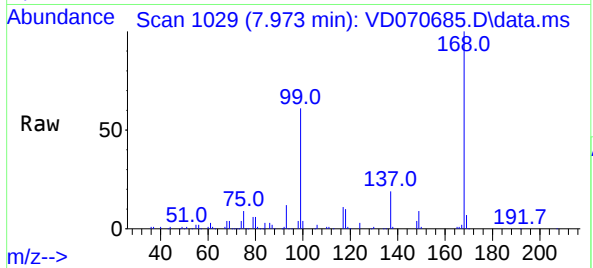




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

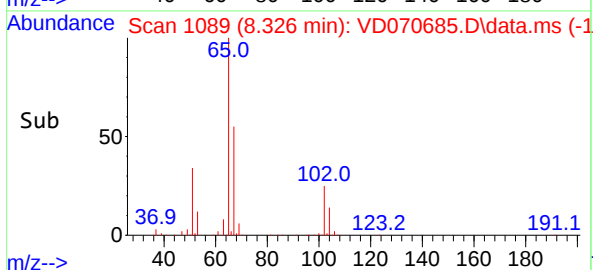
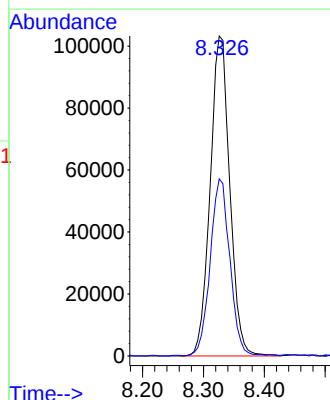
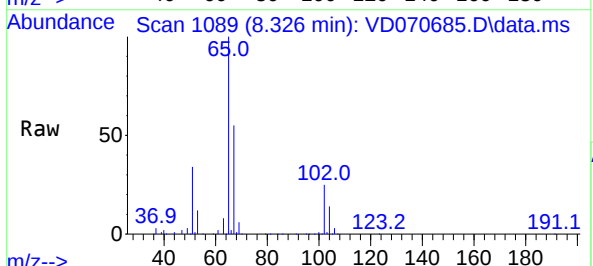
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26644

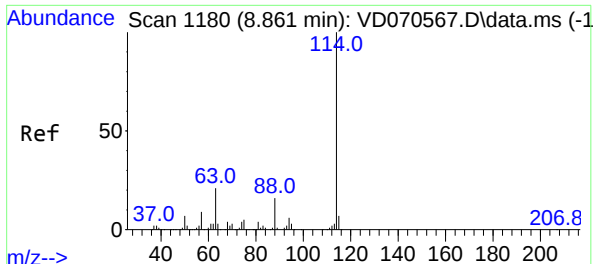
Tgt Ion:168 Resp: 420860
Ion Ratio Lower Upper
168 100
99 61.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 46.64 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

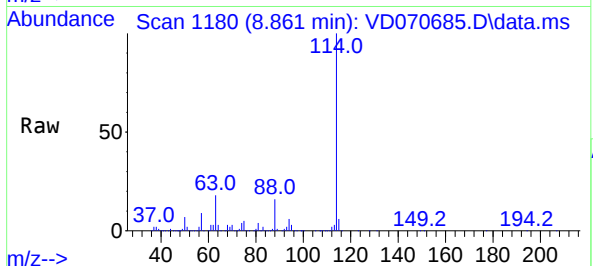
Tgt Ion: 65 Resp: 231026
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.2





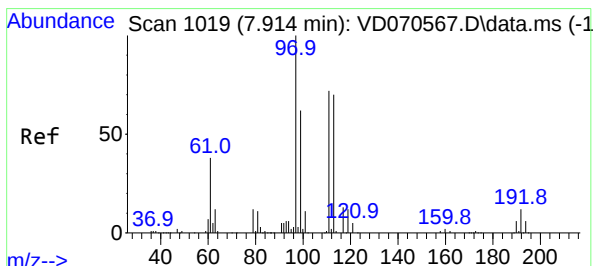
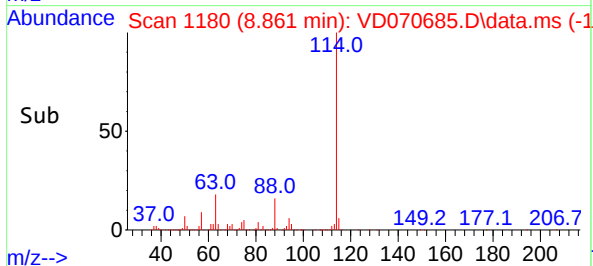
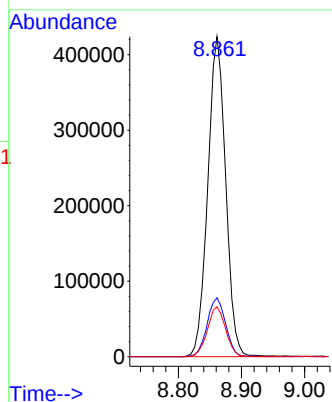
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Instrument :
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ClientSampleId :
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Tgt Ion:114 Resp: 834099

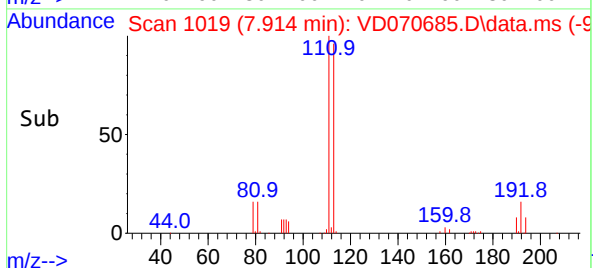
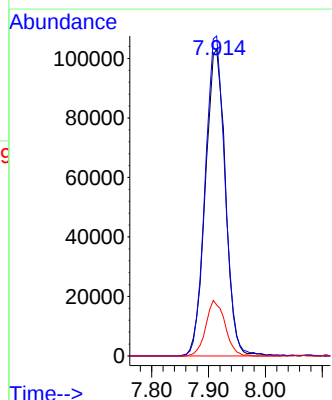
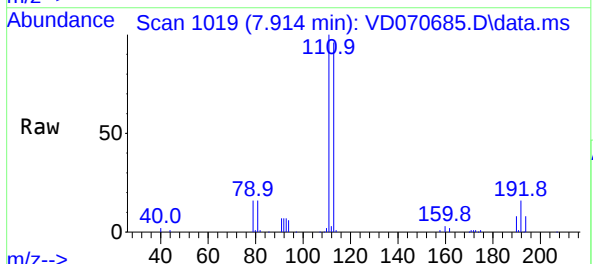
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.8
88	15.6	0.0	32.6

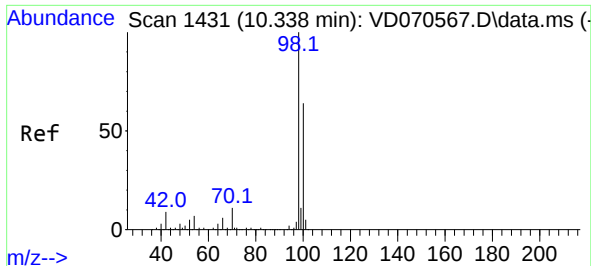


#35
Dibromofluoromethane
Concen: 45.55 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Tgt Ion:113 Resp: 252627

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.1	124.7
192	17.3	12.7	19.1

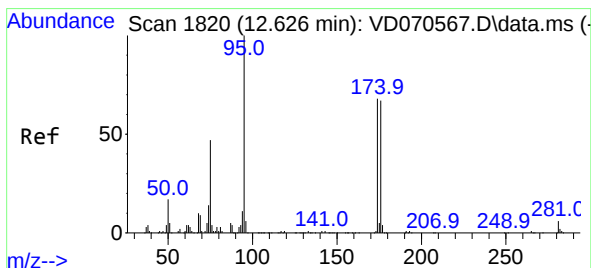
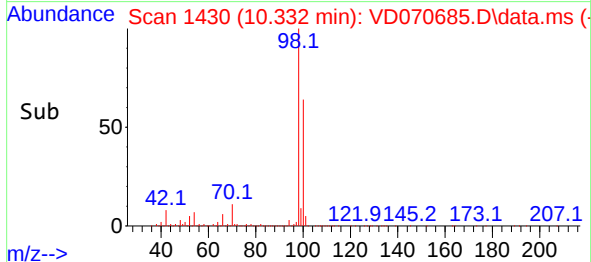
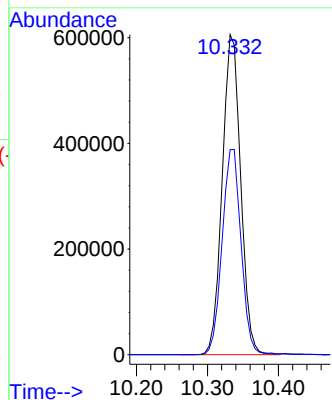
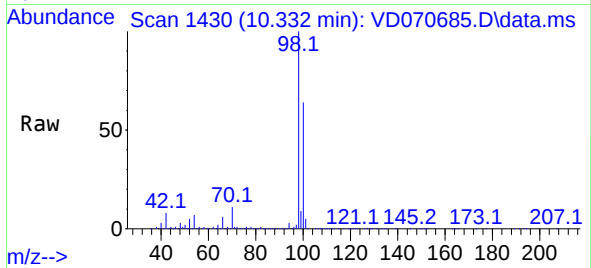




#50
Toluene-d8
Concen: 51.46 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

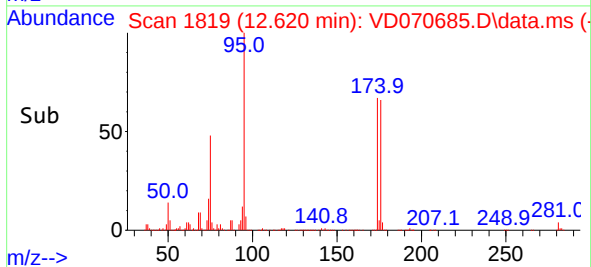
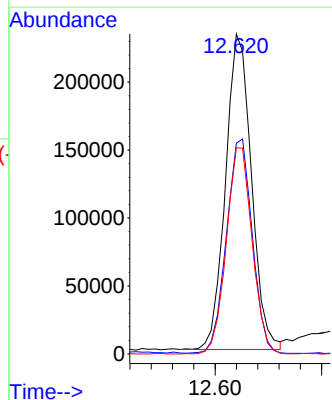
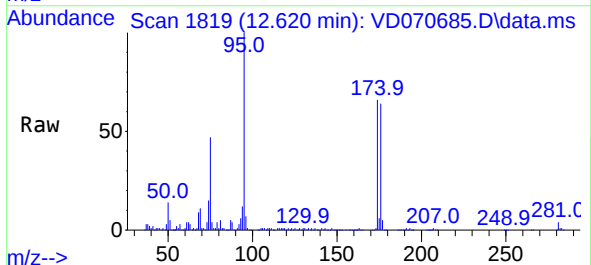
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26644

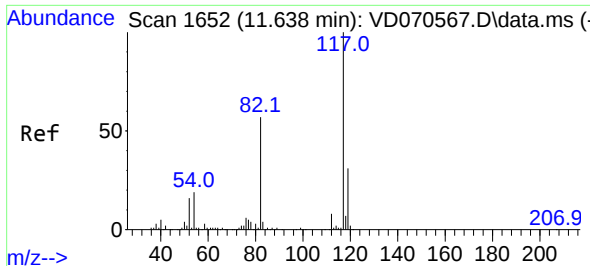
Tgt Ion: 98 Resp: 1090976
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 55.41 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

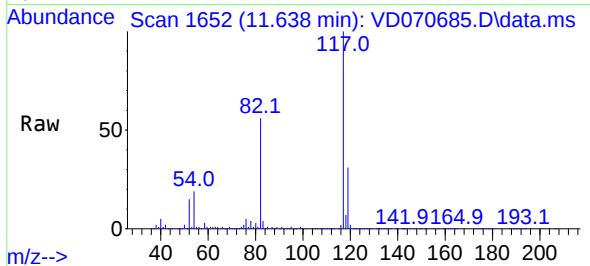
Tgt Ion: 95 Resp: 392595
Ion Ratio Lower Upper
95 100
174 67.6 0.0 138.0
176 65.3 0.0 135.6



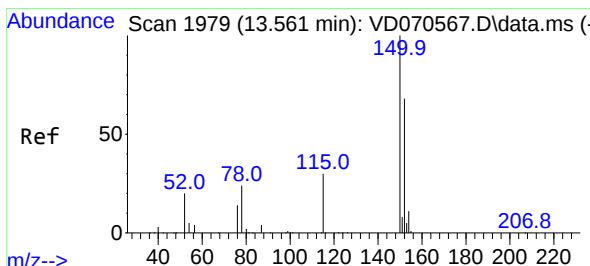
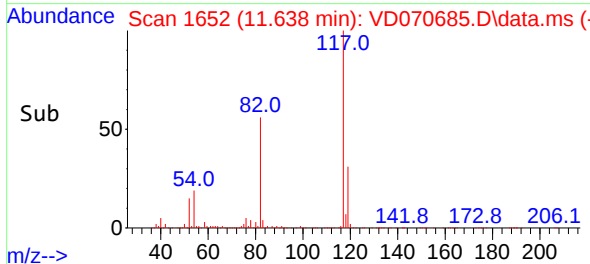
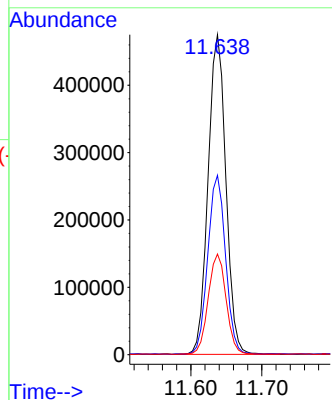


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26644



Tgt Ion:117 Resp: 829481
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.2
119 31.2 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: VD070685.D
Acq: 12 Oct 2021 17:58

Tgt Ion:152 Resp: 359143
Ion Ratio Lower Upper
152 100
115 63.8 31.9 95.7
150 155.3 0.0 350.0

