

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070310.D
 Acq On : 10 Sep 2021 20:08
 Operator : VA/SY
 Sample : M3684-11
 Misc : 6.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A017145

Quant Time: Sep 11 02:29:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	246146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	677977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	273998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224955	71.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.360%
35) Dibromofluoromethane	7.914	113	236975	54.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.700%
50) Toluene-d8	10.338	98	857195	54.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.280%
62) 4-Bromofluorobenzene	12.626	95	288863	52.206	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.420%

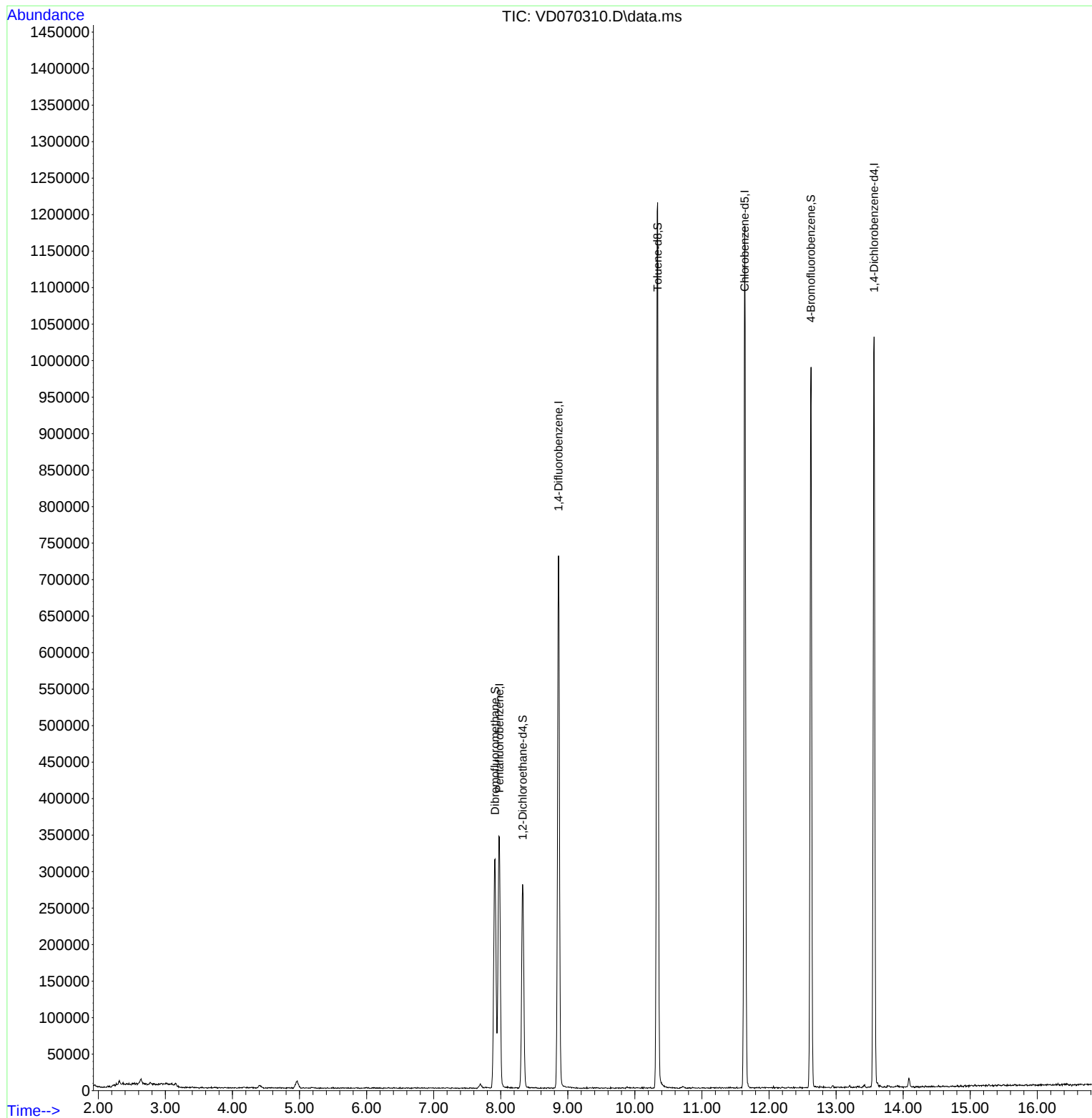
Target Compounds	Qvalue

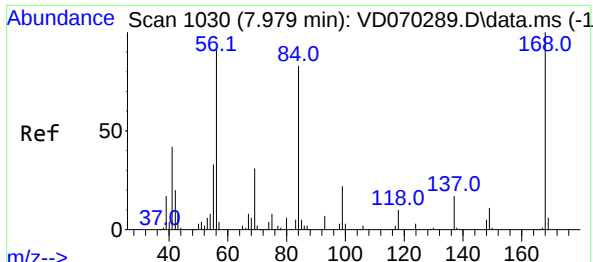
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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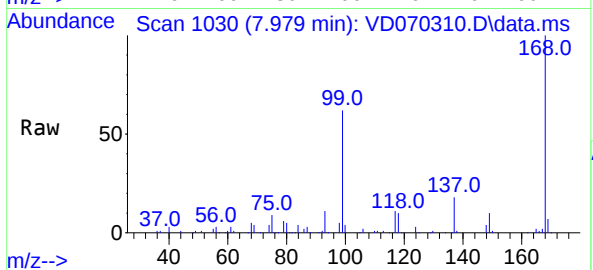
Quant Time: Sep 11 02:29:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
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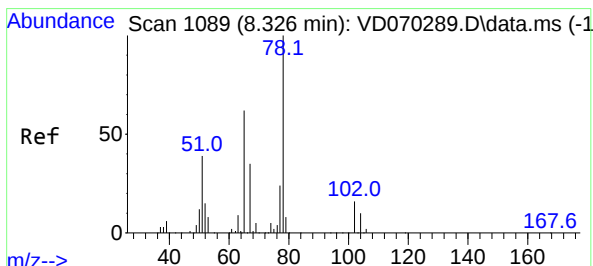
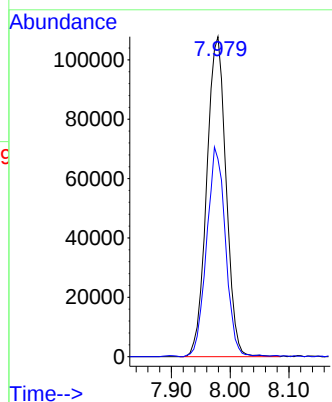
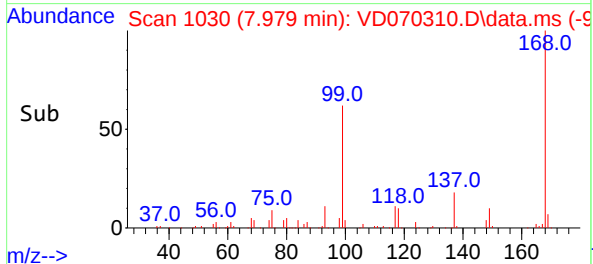


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

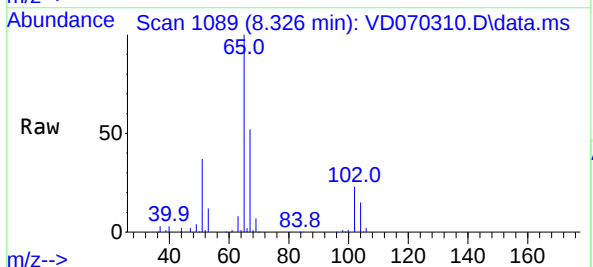
Instrument :
MSVOA_D
ClientSampleId :
A017145



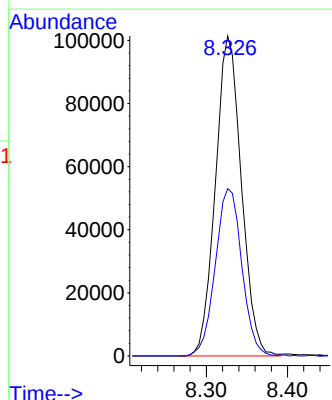
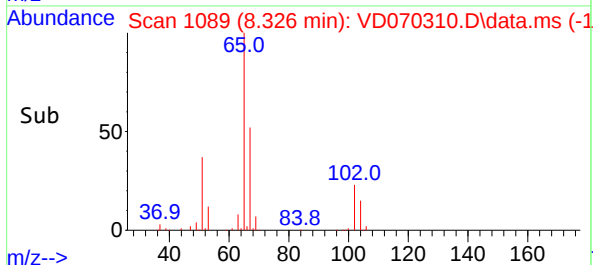
Tgt Ion:168 Resp: 246146
Ion Ratio Lower Upper
168 100
99 61.8 50.8 76.2

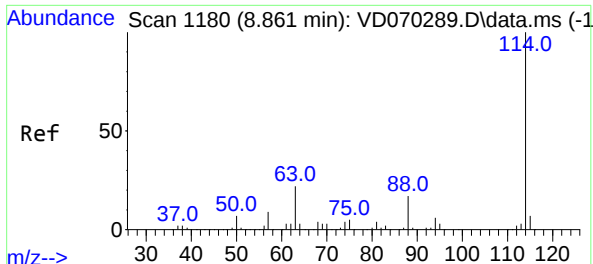


#33
1,2-Dichloroethane-d4
Concen: 71.175 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08



Tgt Ion: 65 Resp: 224955
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.4



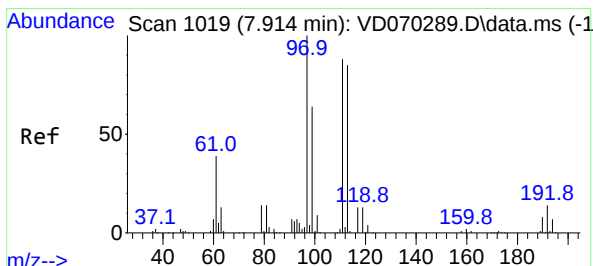
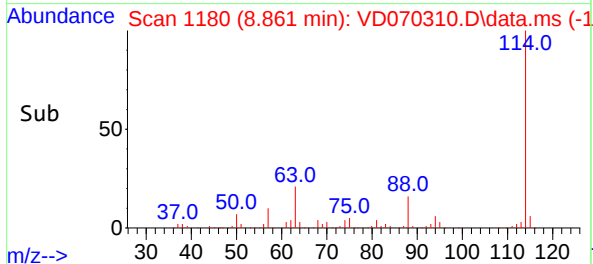
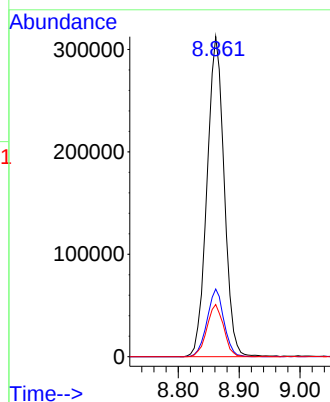
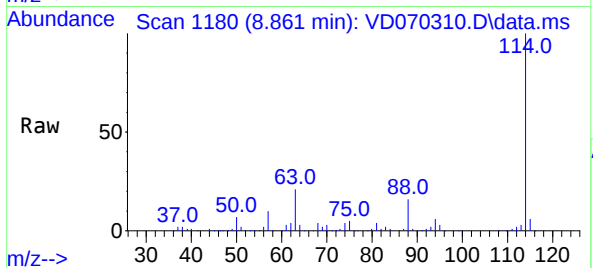


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Instrument :
MSVOA_D
ClientSampleId :
A017145

Tgt Ion:114 Resp: 612595

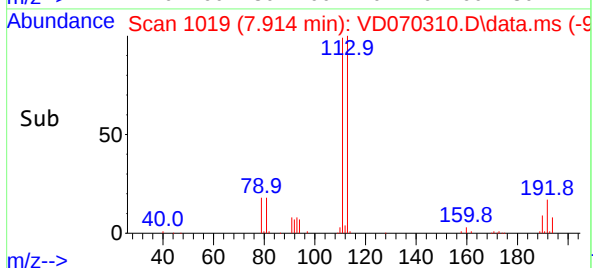
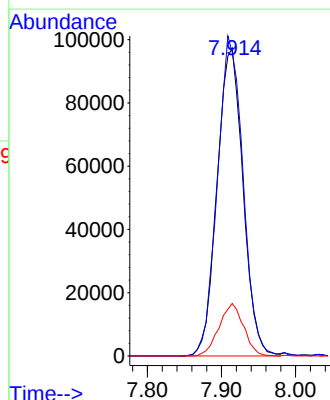
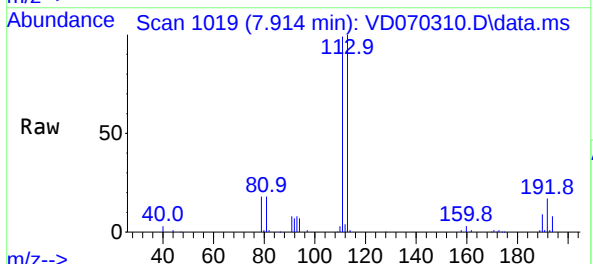
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.4
88	16.3	0.0	33.4

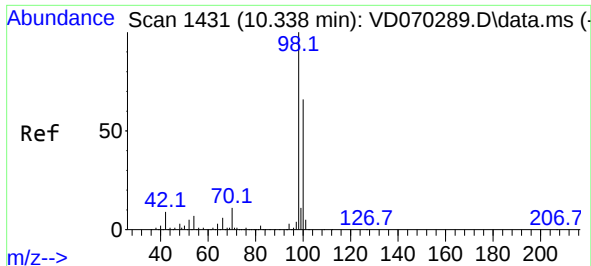


#35
Dibromofluoromethane
Concen: 54.345 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion:113 Resp: 236975

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.2
192	16.1	13.0	19.6

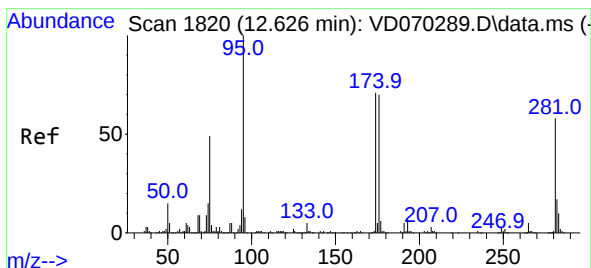
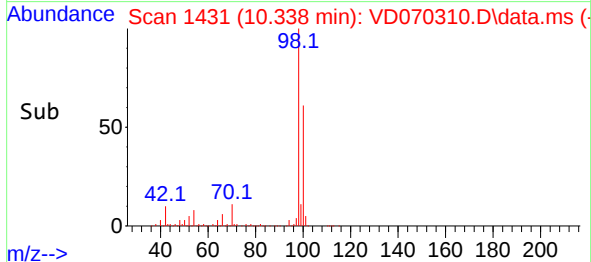
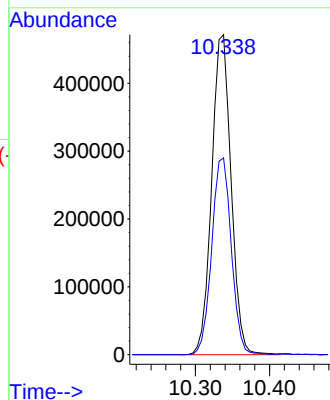
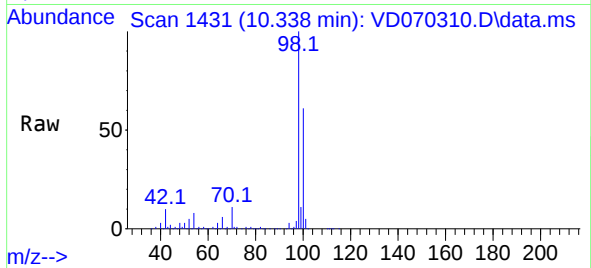




#50
Toluene-d8
Concen: 54.143 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

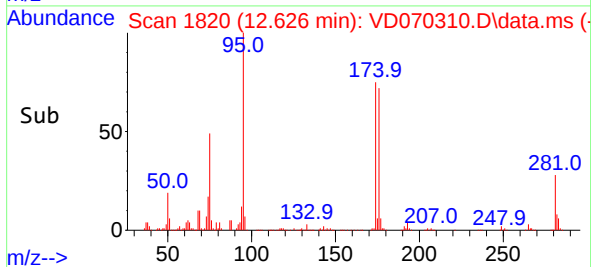
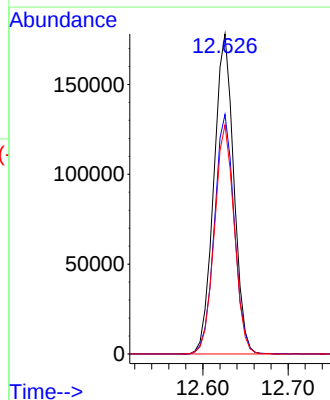
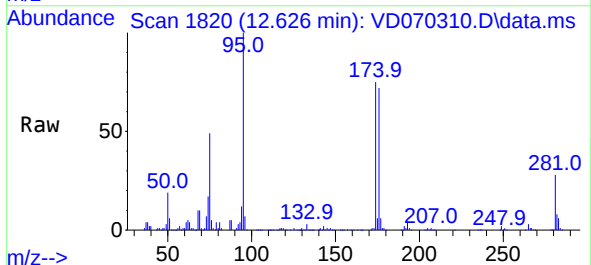
Instrument :
MSVOA_D
ClientSampleId :
A017145

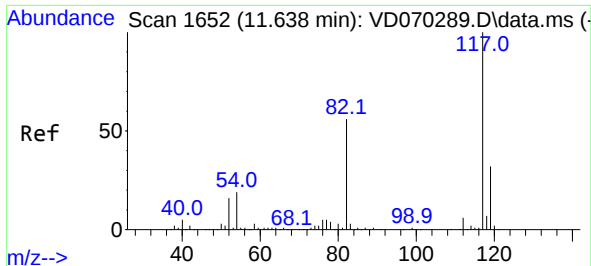
Tgt Ion: 98 Resp: 857195
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.206 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion: 95 Resp: 288863
Ion Ratio Lower Upper
95 100
174 74.6 0.0 140.6
176 71.1 0.0 137.4

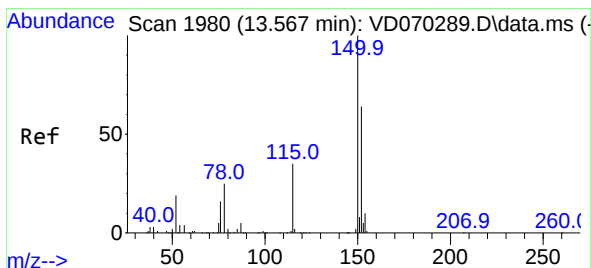
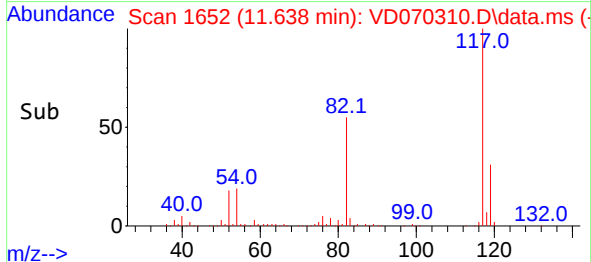
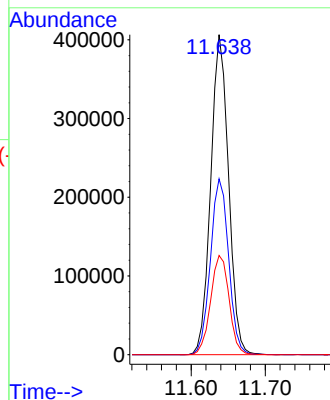
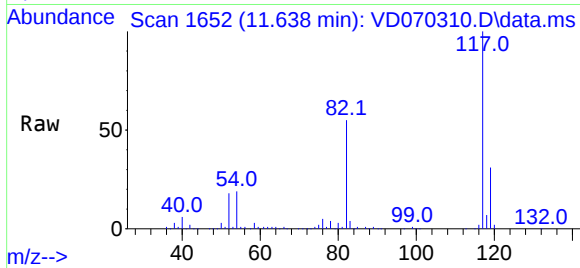




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Instrument :
MSVOA_D
ClientSampleId :
A017145

Tgt Ion:117 Resp: 677977
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 31.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070310.D
Acq: 10 Sep 2021 20:08

Tgt Ion:152 Resp: 273998
Ion Ratio Lower Upper
152 100
115 62.8 32.1 96.3
150 158.3 0.0 350.6

