

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070203.D
 Acq On : 20 Aug 2021 15:21
 Operator : VA/SY
 Sample : M3449-04
 Misc : 5.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Quant Time: Aug 23 03:53:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	543358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1048549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1044927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	423365	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	350387	54.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.660%
35) Dibromofluoromethane	7.914	113	348977	51.515	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.338	98	1357232	51.511	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.626	95	456443	52.595	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.180%

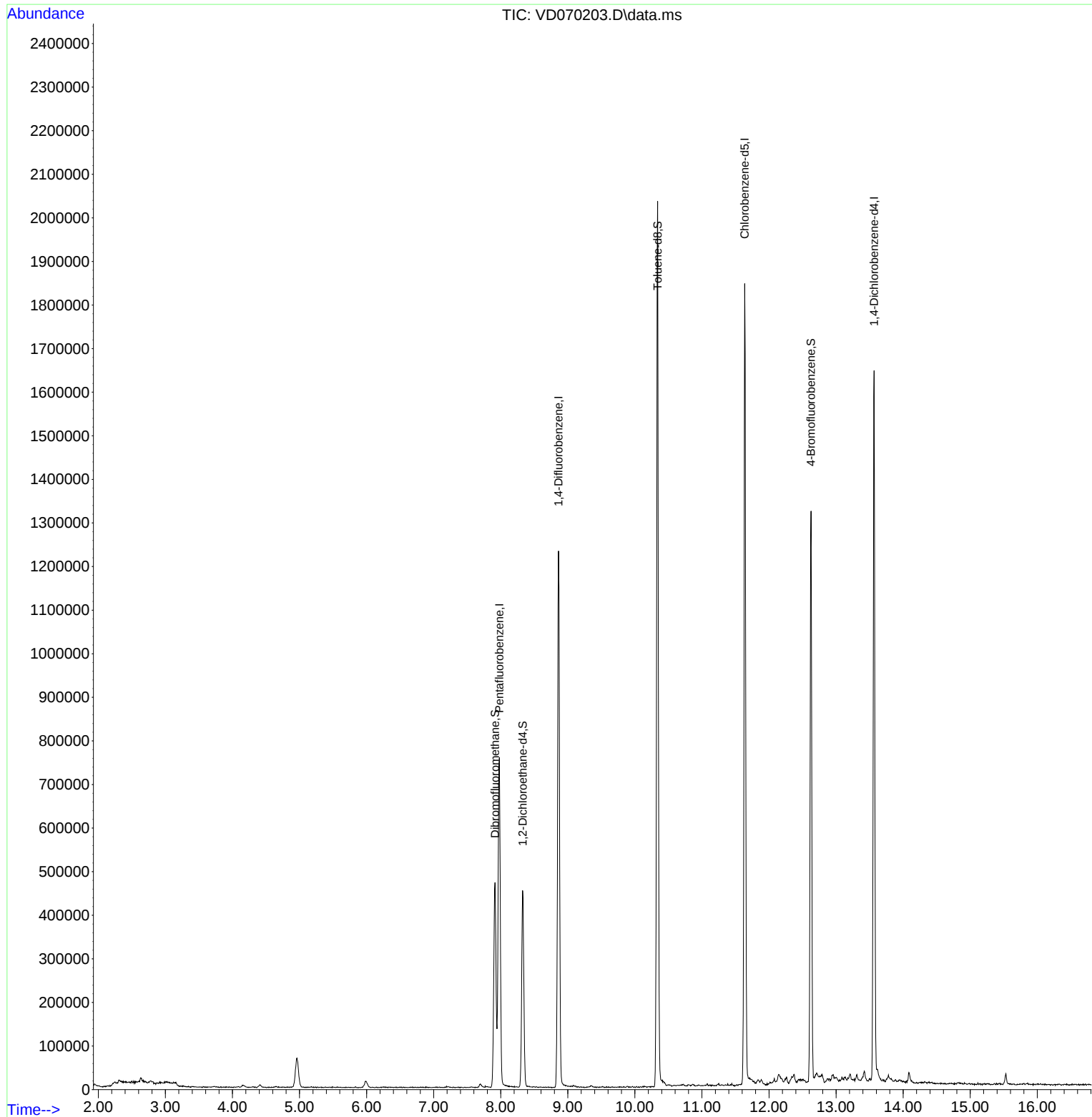
Target Compounds	Qvalue

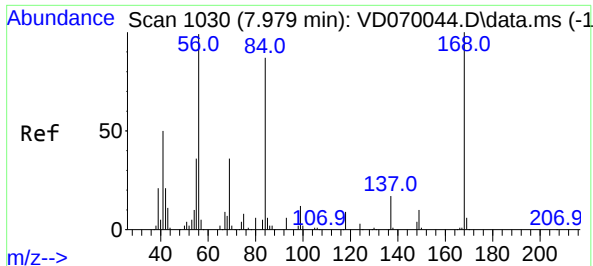
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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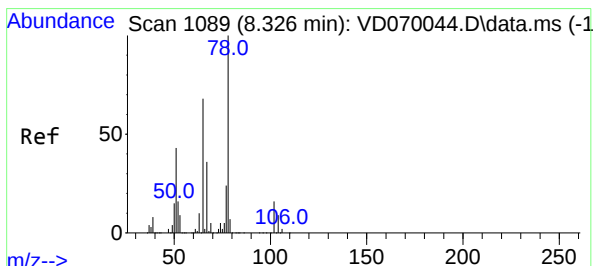
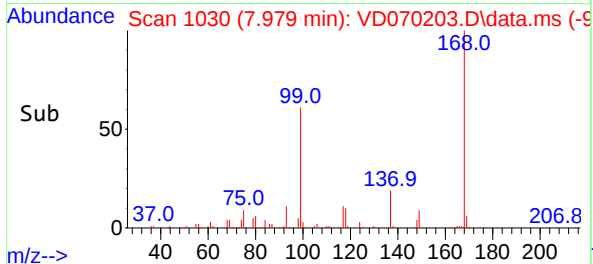
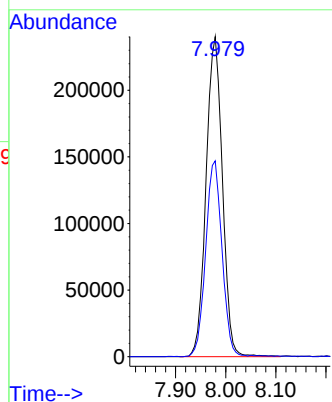
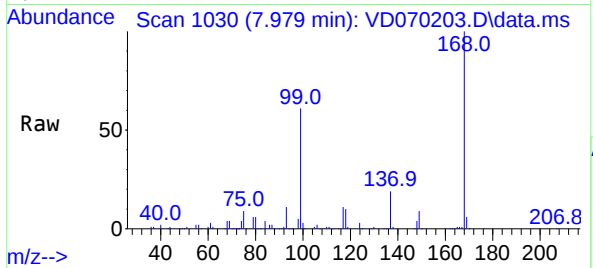




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

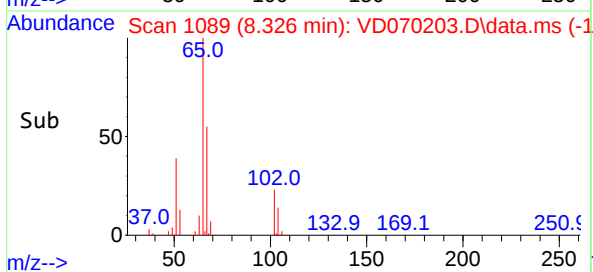
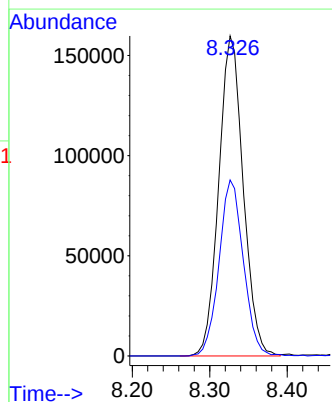
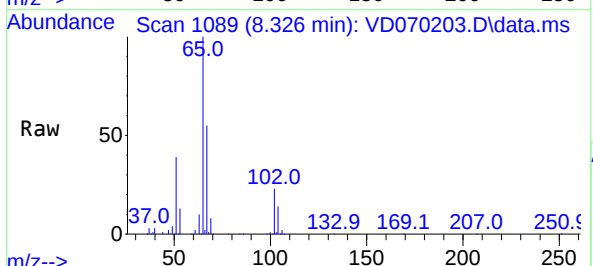
Instrument :
MSVOA_D
ClientSampled :
TP2

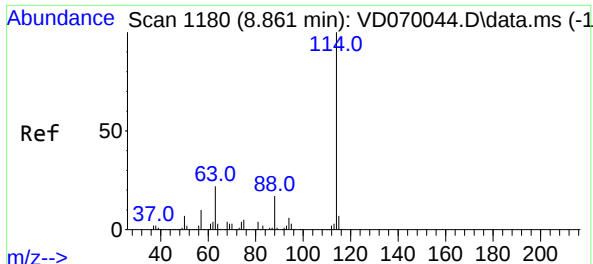
Tgt Ion:168 Resp: 543358
Ion Ratio Lower Upper
168 100
99 61.2 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 54.827 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Tgt Ion: 65 Resp: 350387
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8



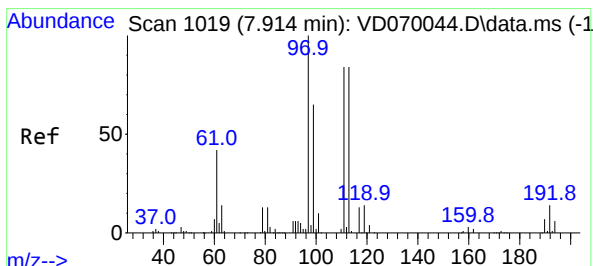
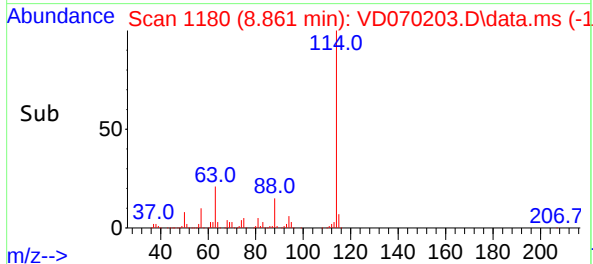
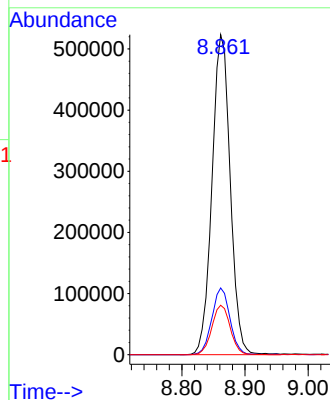
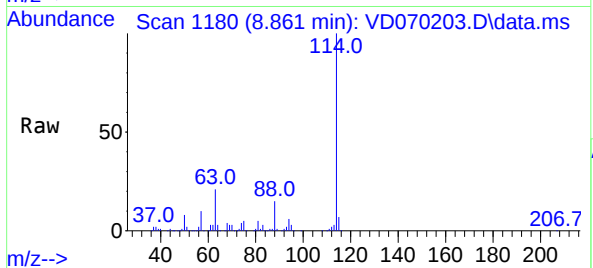


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Instrument :
MSVOA_D
ClientSampled :
TP2

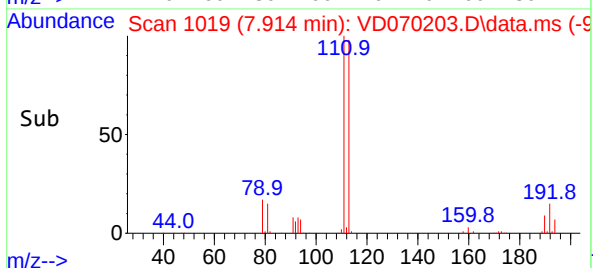
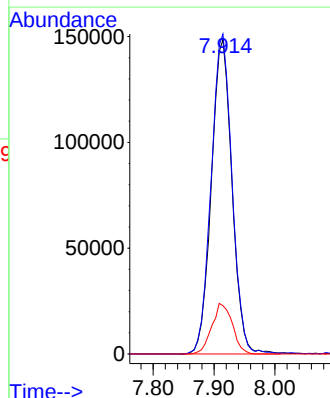
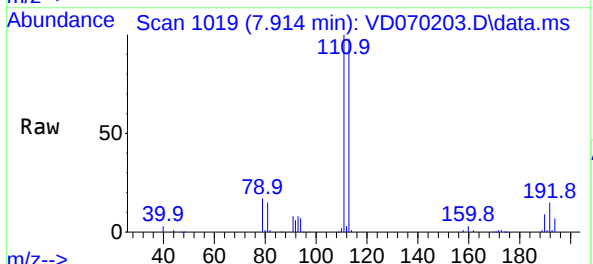
Tgt Ion:114 Resp: 1048549
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.6
88 15.5 0.0 33.4

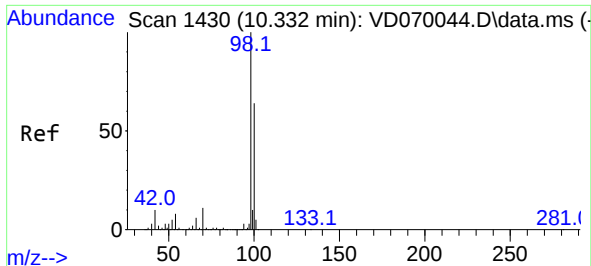


#35

Dibromofluoromethane
Concen: 51.515 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

Tgt Ion:113 Resp: 348977
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 16.0 13.2 19.8

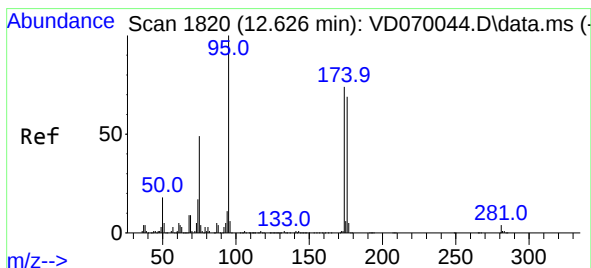
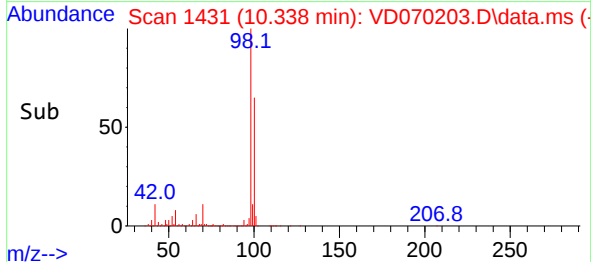
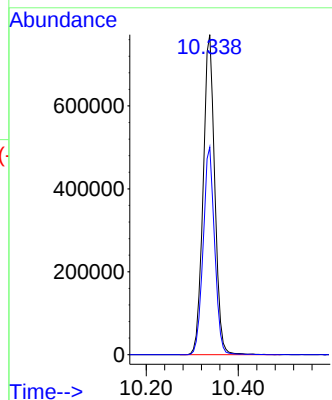
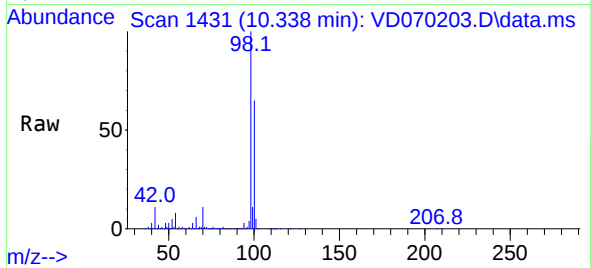




#50
Toluene-d8
Concen: 51.511 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

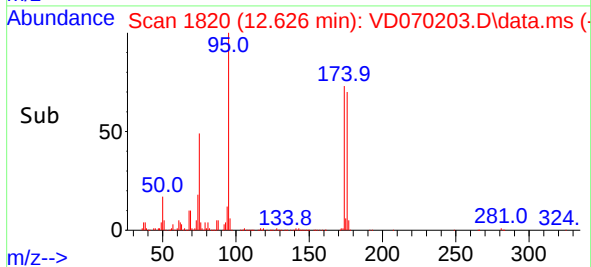
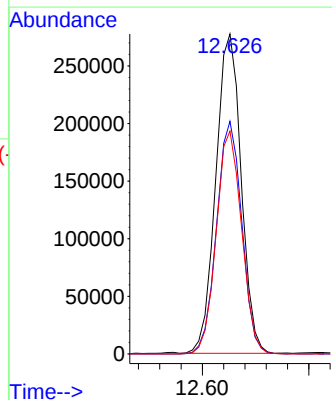
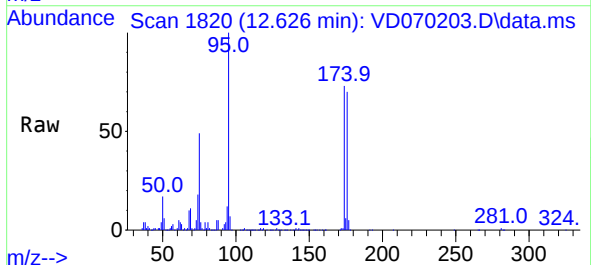
Instrument :
MSVOA_D
ClientSampled :
TP2

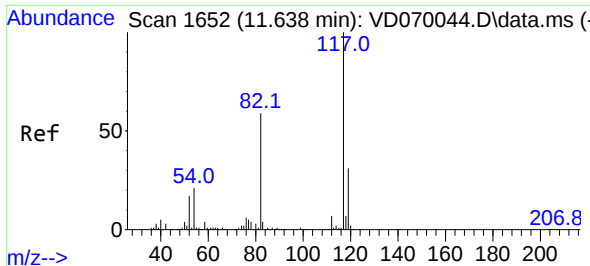
Tgt Ion: 98 Resp: 1357232
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.595 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

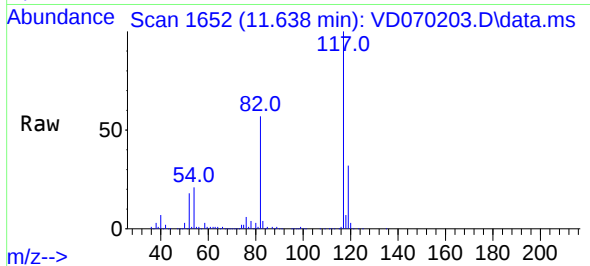
Tgt Ion: 95 Resp: 456443
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.8 0.0 138.2



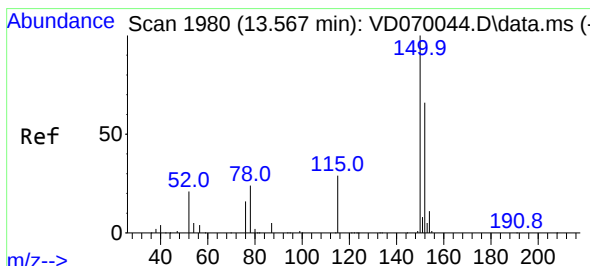
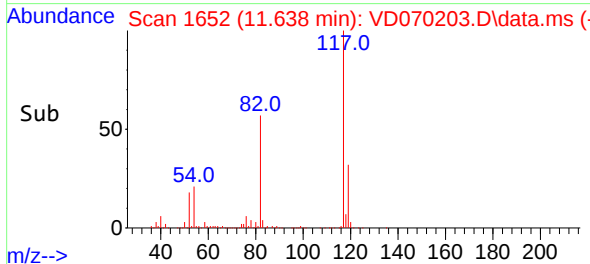
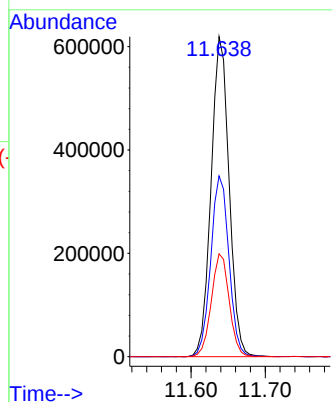


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21

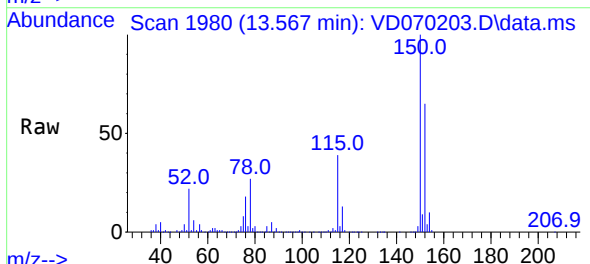
Instrument :
MSVOA_D
ClientSampled :
TP2



Tgt Ion:117 Resp: 1044927
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070203.D
Acq: 20 Aug 2021 15:21



Tgt Ion:152 Resp: 423365
Ion Ratio Lower Upper
152 100
115 61.9 31.2 93.6
150 158.1 0.0 352.0

