

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070430.D
 Acq On : 22 Sep 2021 16:51
 Operator : VA/SY
 Sample : M3870-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-C

Quant Time: Sep 23 05:33:58 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	7.967	168	2177	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.867	114	4018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	4054	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	1458	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2220	79.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.840%
35) Dibromofluoromethane	7.909	113	1161	40.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.180%
50) Toluene-d8	10.326	98	4029	38.799	ug/l	-0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.600%
62) 4-Bromofluorobenzene	12.632	95	1185	32.652	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.300%

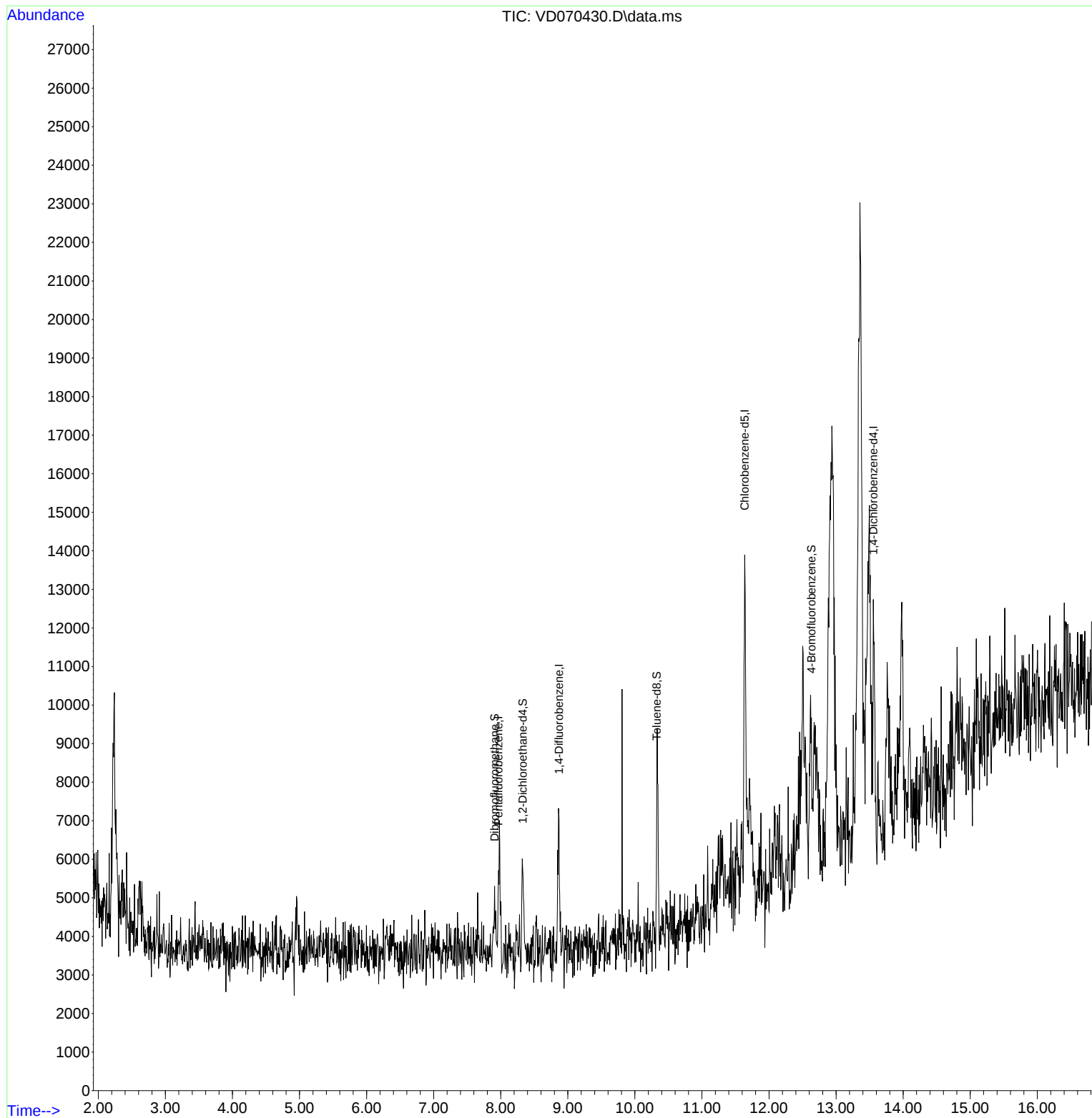
Target Compounds	Qvalue

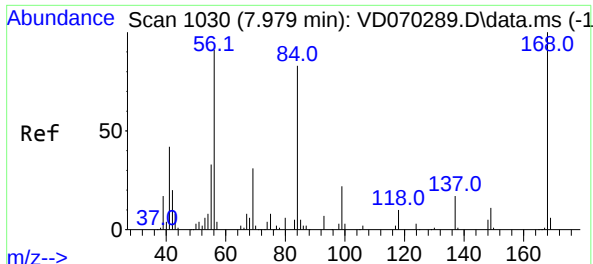
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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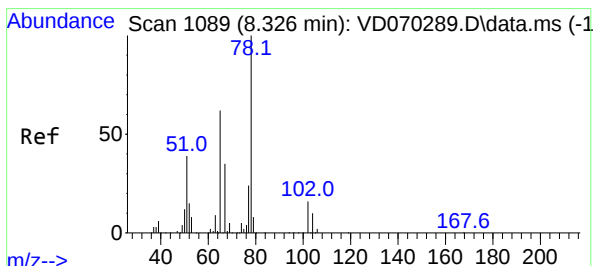
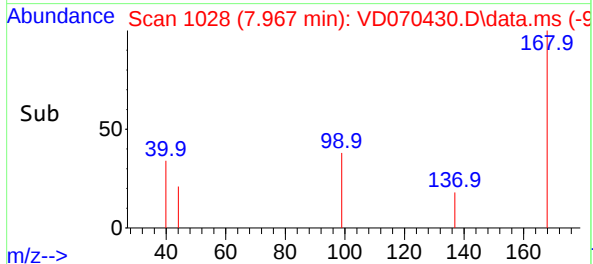
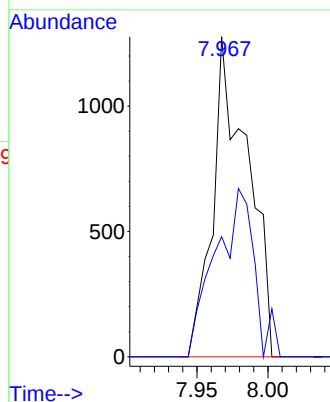
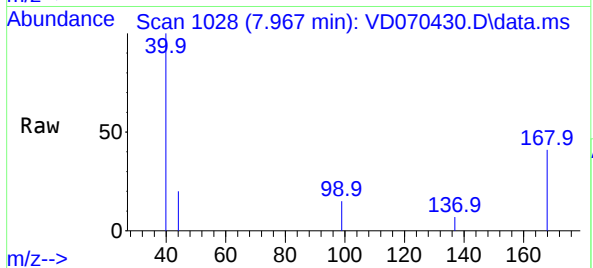




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD070430.D
Acq: 22 Sep 2021 16:51

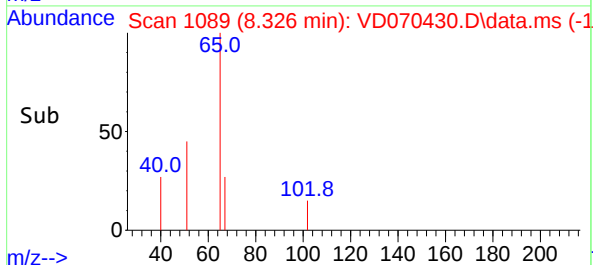
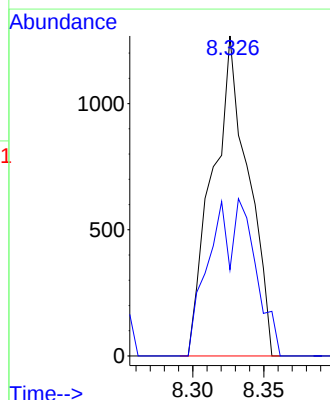
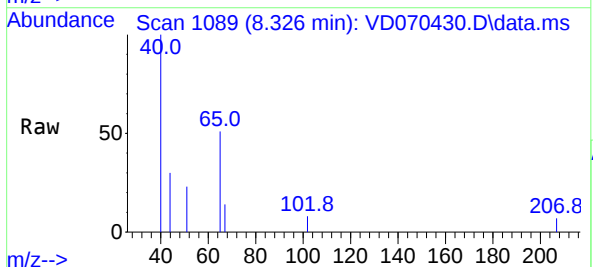
Instrument :
MSVOA_D
ClientSampled :
TP-C

Tgt Ion:168 Resp: 2177
Ion Ratio Lower Upper
168 100
99 37.5 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 79.419 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070430.D
Acq: 22 Sep 2021 16:51

Tgt Ion: 65 Resp: 2220
Ion Ratio Lower Upper
65 100
67 31.3 0.0 111.4



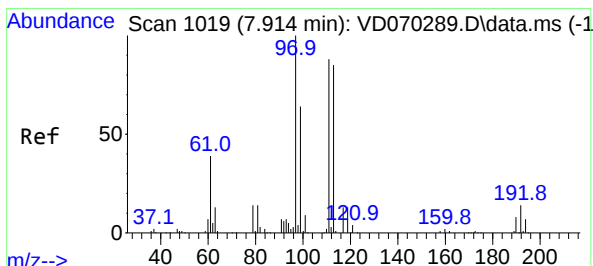
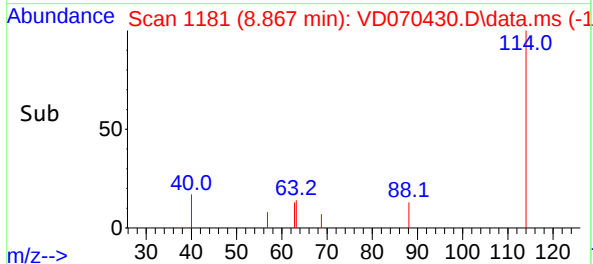
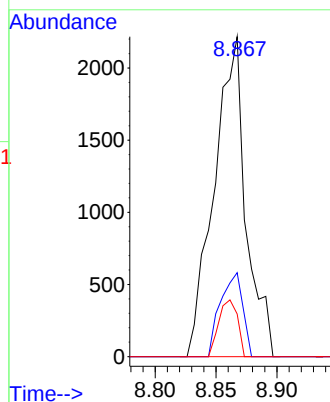
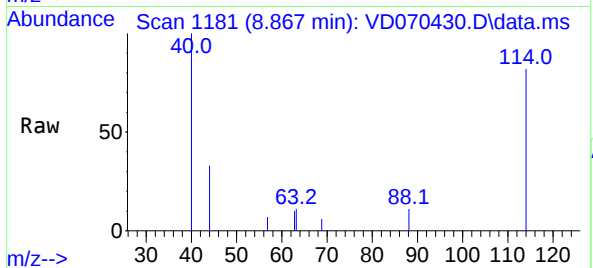


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD070430.D
Acq: 22 Sep 2021 16:51

Instrument :
MSVOA_D
ClientSampled :
TP-C

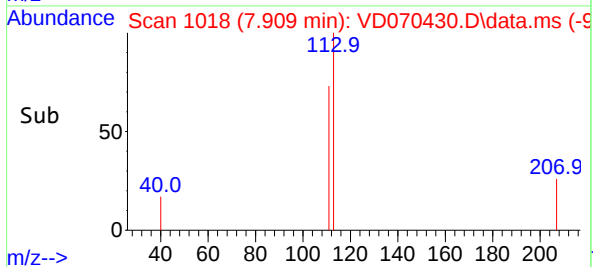
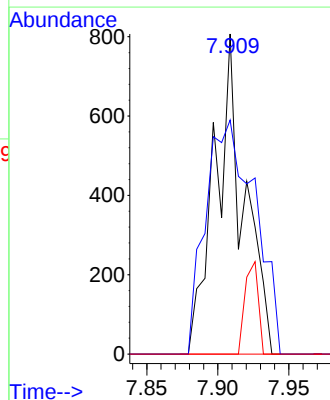
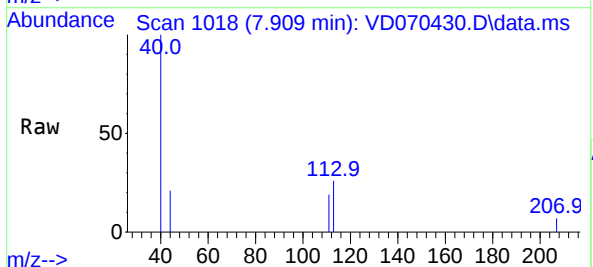
Tgt Ion:	114	Resp:	4018
Ion Ratio	Lower	Upper	
114	100		
63	26.3	0.0	43.4
88	13.4	0.0	33.4

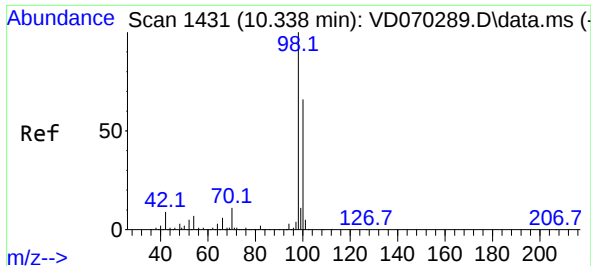


#35

Dibromofluoromethane
Concen: 40.593 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070430.D
Acq: 22 Sep 2021 16:51

Tgt Ion:	113	Resp:	1161
Ion Ratio	Lower	Upper	
113	100		
111	122.4	81.4	122.2#
192	13.0	13.0	19.6#

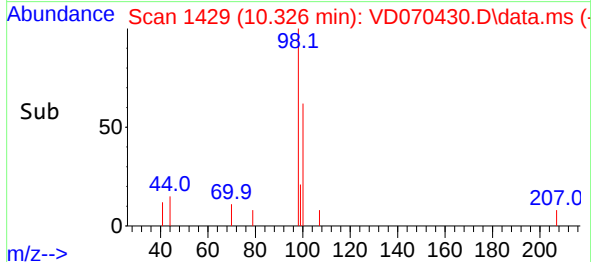
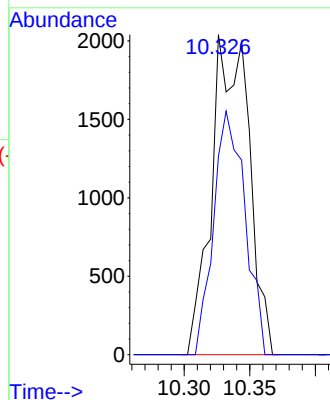
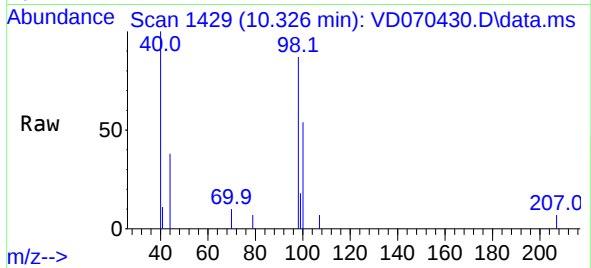




#50
Toluene-d8
Concen: 38.799 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.012 min
Lab File: VD070430.D
Acq: 22 Sep 2021 16:51

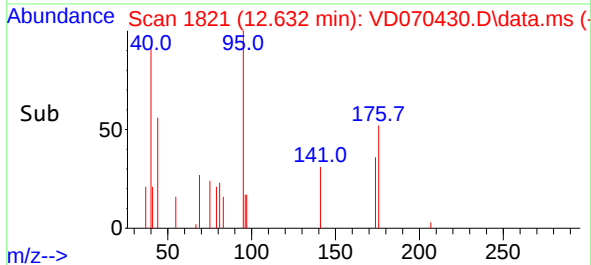
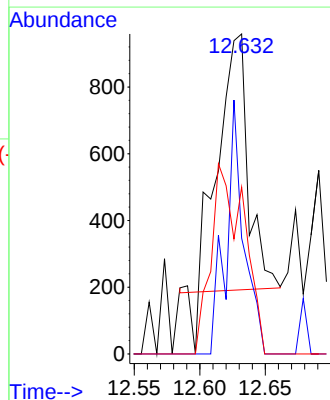
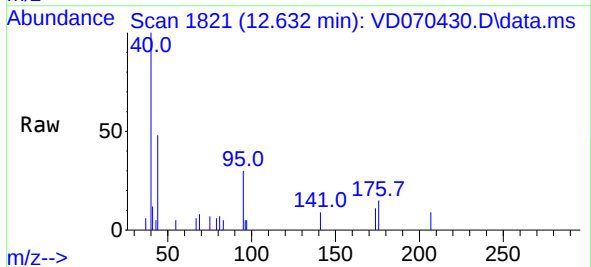
Instrument :
MSVOA_D
ClientSampled :
TP-C

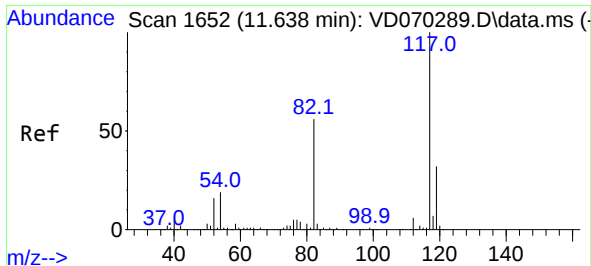
Tgt Ion: 98 Resp: 4029
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.652 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD070430.D
Acq: 22 Sep 2021 16:51

Tgt Ion: 95 Resp: 1185
Ion Ratio Lower Upper
95 100
174 60.3 0.0 140.6
176 83.8 0.0 137.4

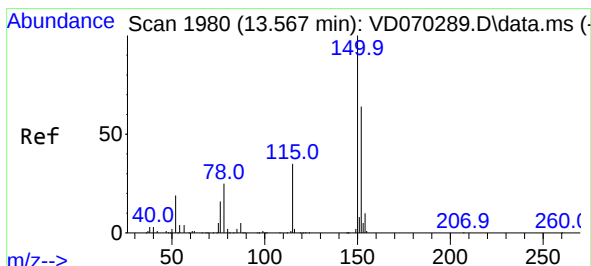
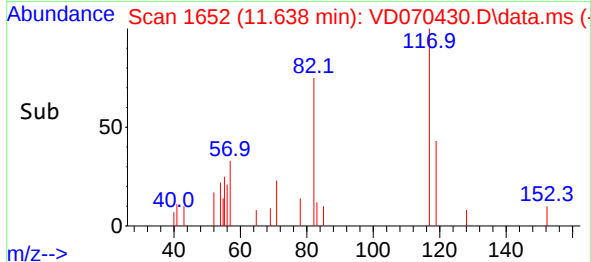
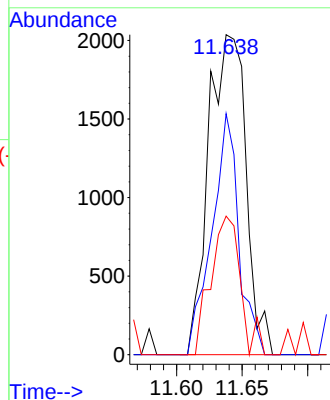
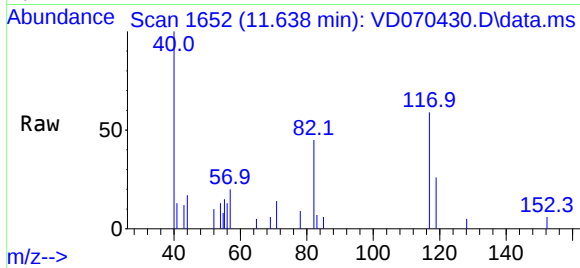




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070430.D
Acq: 22 Sep 2021 16:51

Instrument :
MSVOA_D
ClientSampled :
TP-C

Tgt Ion:	117	Resp:	4054
Ion	Ratio	Lower	Upper
117	100		
82	75.3	45.0	67.4#
119	43.3	25.2	37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.012 min
Lab File: VD070430.D
Acq: 22 Sep 2021 16:51

Tgt Ion:	152	Resp:	1458
Ion	Ratio	Lower	Upper
152	100		
115	52.9	32.1	96.3
150	95.7	0.0	350.6

