

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070416.D
 Acq On : 22 Sep 2021 10:09
 Operator : VA/SY
 Sample : VD0922SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0922SBL01

Quant Time: Sep 23 05:28:52 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	306394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	613248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	575463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	233610	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216431	55.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.020%
35) Dibromofluoromethane	7.914	113	209506	47.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.980%
50) Toluene-d8	10.338	98	697589	44.015	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.020%
62) 4-Bromofluorobenzene	12.626	95	217138	39.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.400%

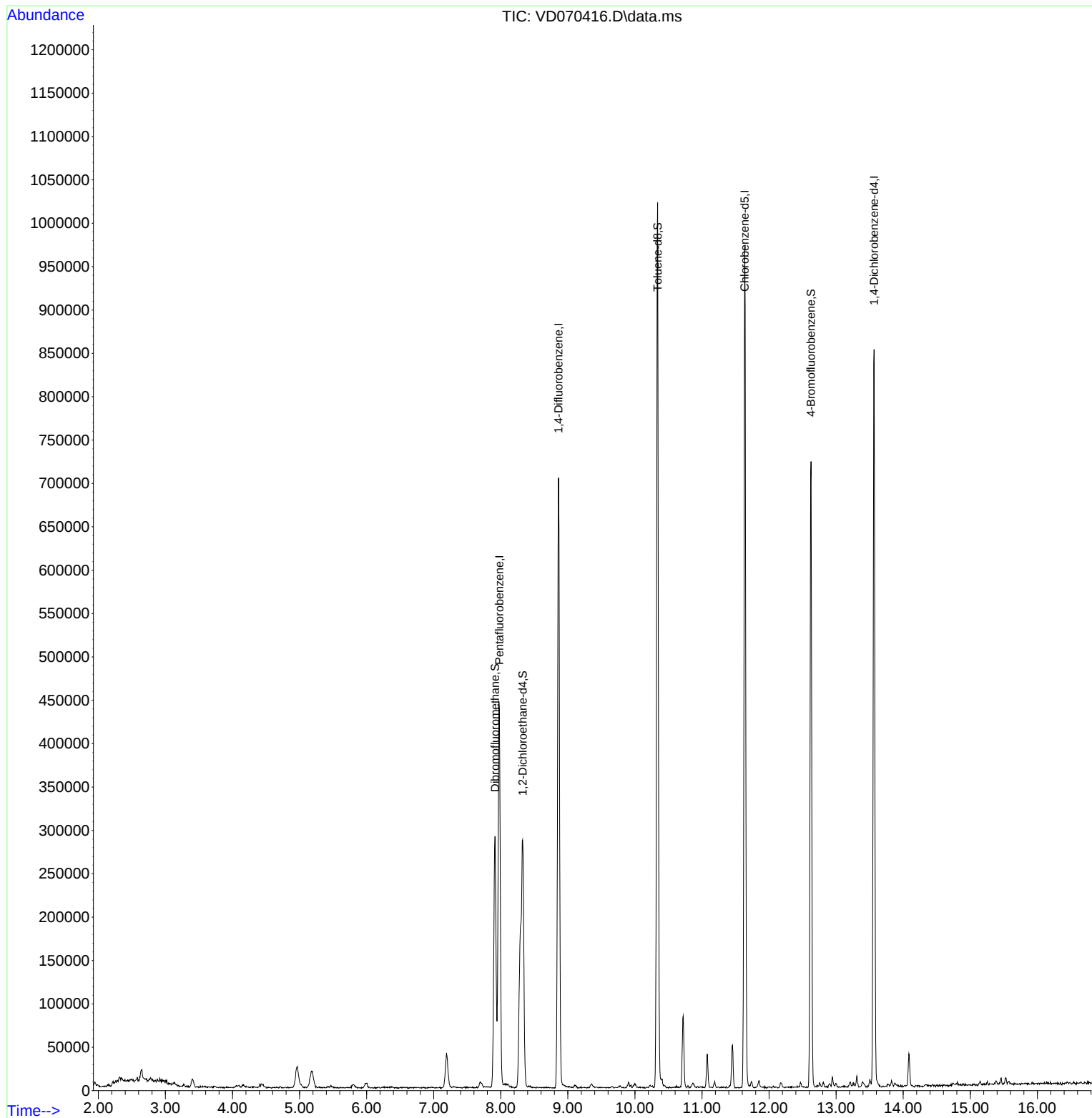
Target Compounds	Qvalue

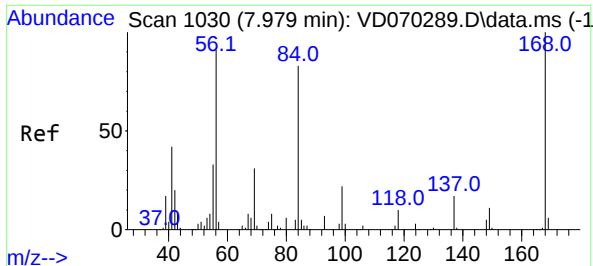
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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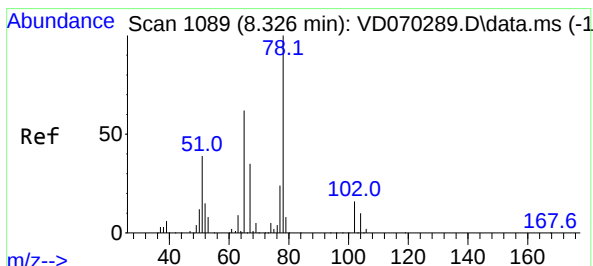
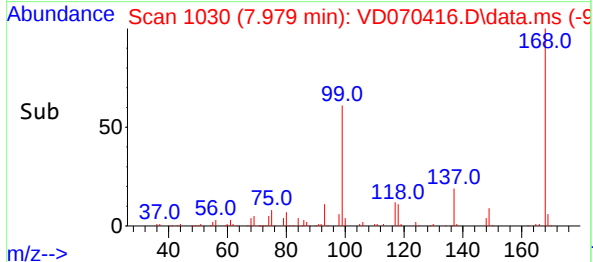
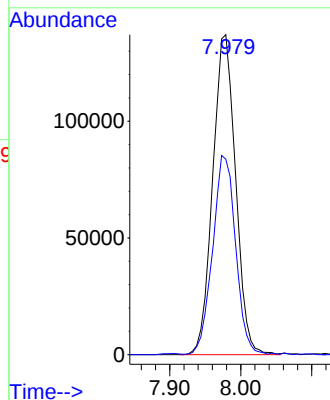
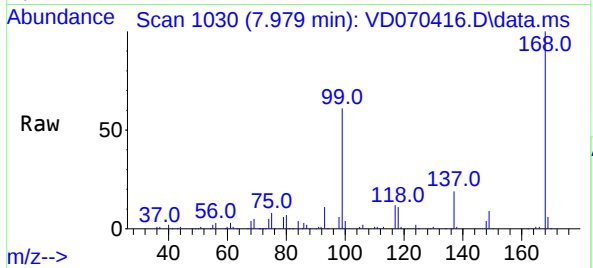




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070416.D
Acq: 22 Sep 2021 10:09

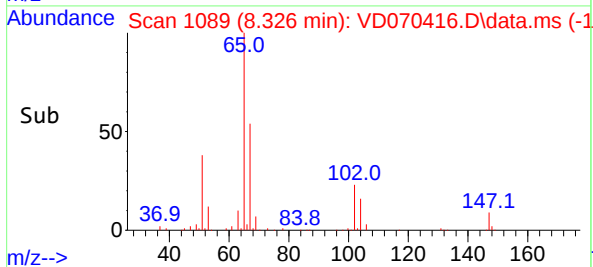
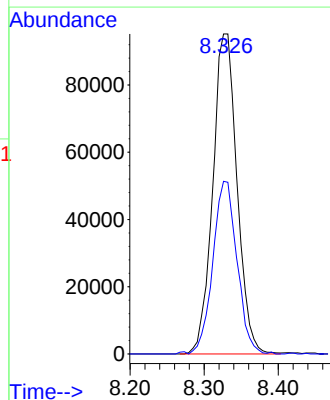
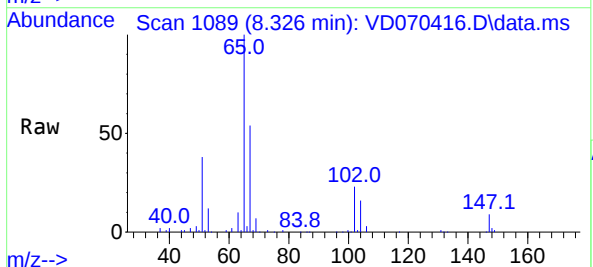
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBL01

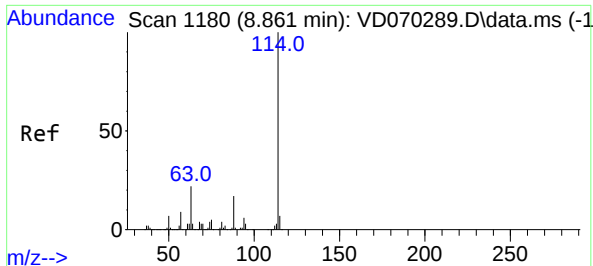
Tgt Ion:168 Resp: 306394
Ion Ratio Lower Upper
168 100
99 60.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 55.013 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070416.D
Acq: 22 Sep 2021 10:09

Tgt Ion: 65 Resp: 216431
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.4



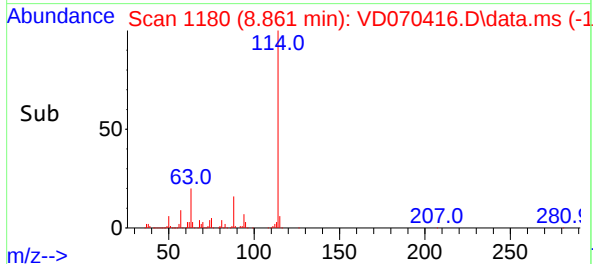
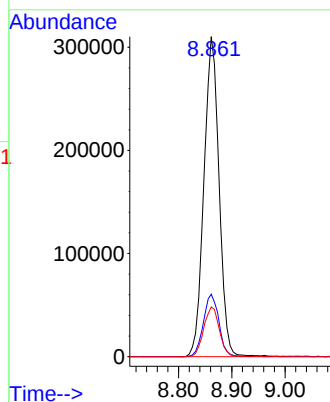
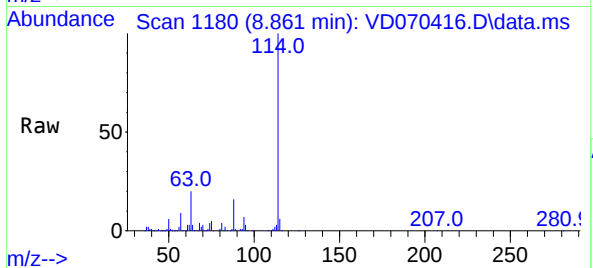


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070416.D
Acq: 22 Sep 2021 10:09

Instrument :
MSVOA_D
ClientSampleId :
VD0922SBL01

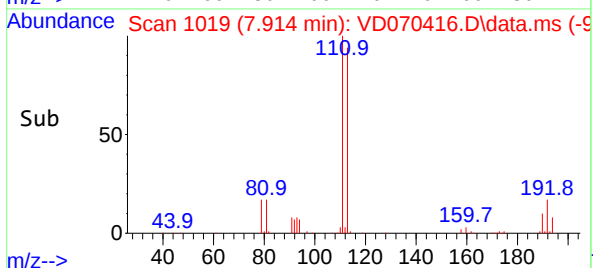
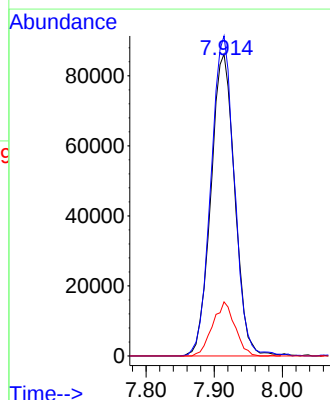
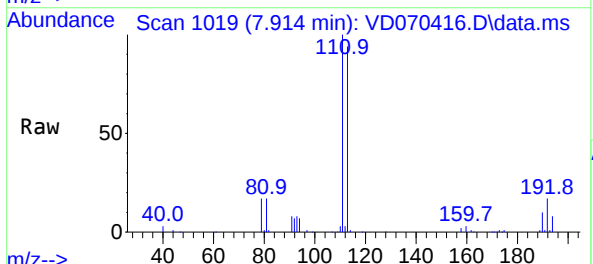
Tgt Ion:	114	Resp:	613248
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.4
88	15.5	0.0	33.4

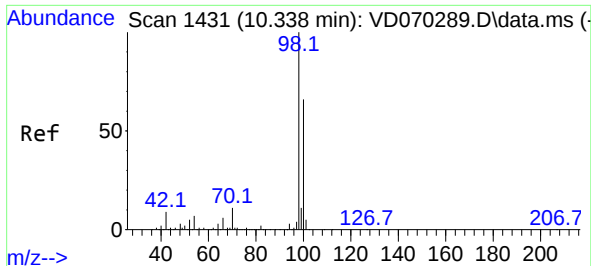


#35

Dibromofluoromethane
Concen: 47.995 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070416.D
Acq: 22 Sep 2021 10:09

Tgt Ion:	113	Resp:	209506
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.2
192	16.8	13.0	19.6

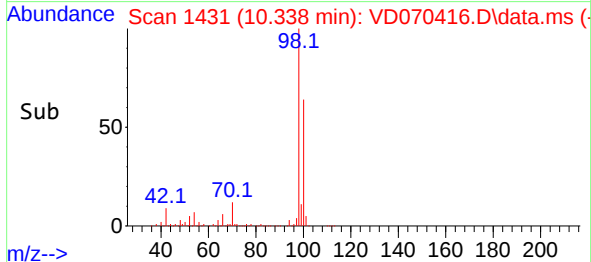
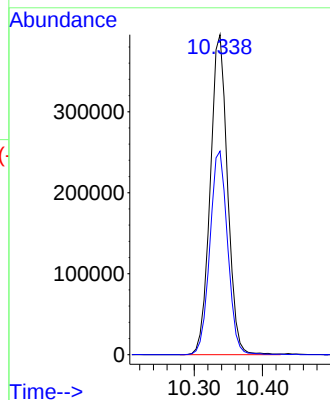
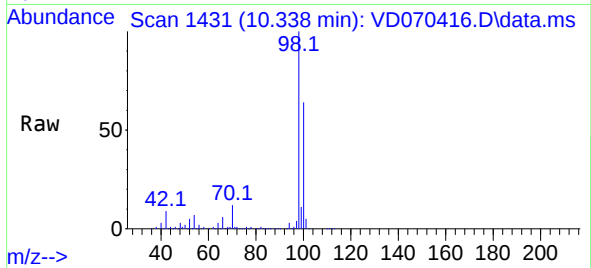




#50
Toluene-d8
Concen: 44.015 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070416.D
Acq: 22 Sep 2021 10:09

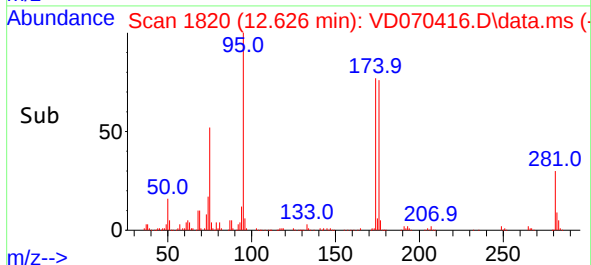
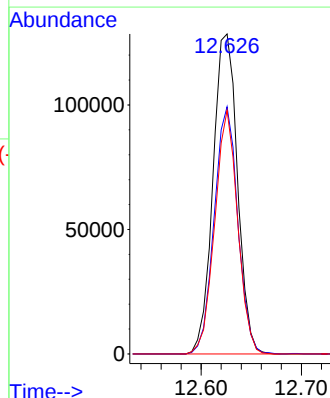
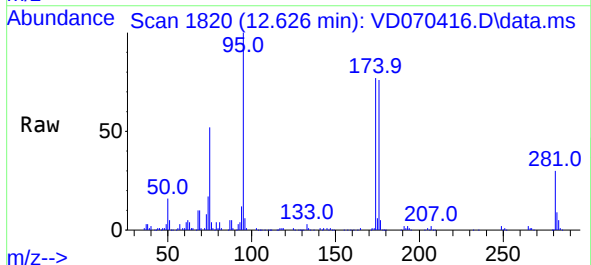
Instrument :
MSVOA_D
ClientSampleId :
VD0922SBL01

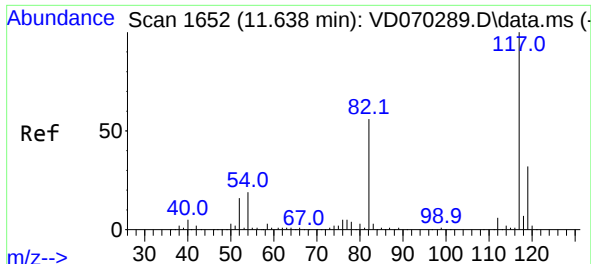
Tgt Ion: 98 Resp: 697589
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.202 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070416.D
Acq: 22 Sep 2021 10:09

Tgt Ion: 95 Resp: 217138
Ion Ratio Lower Upper
95 100
174 74.5 0.0 140.6
176 71.1 0.0 137.4

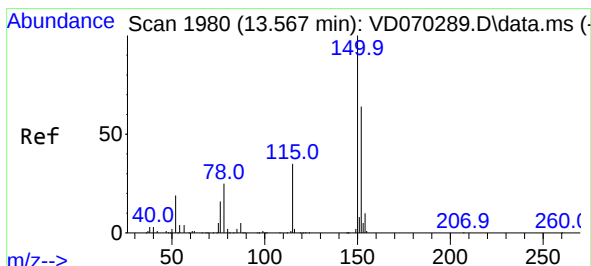
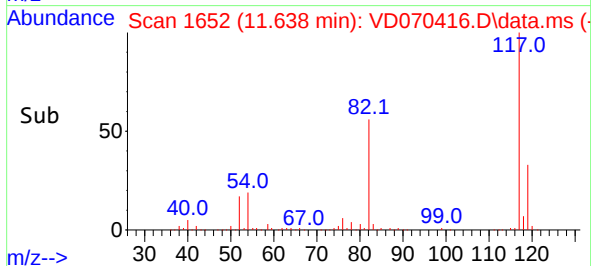
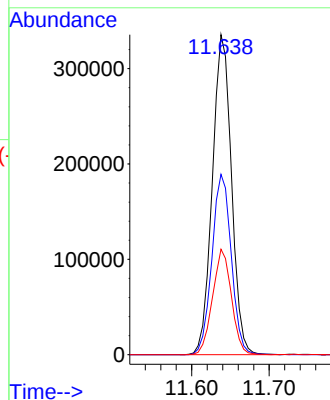
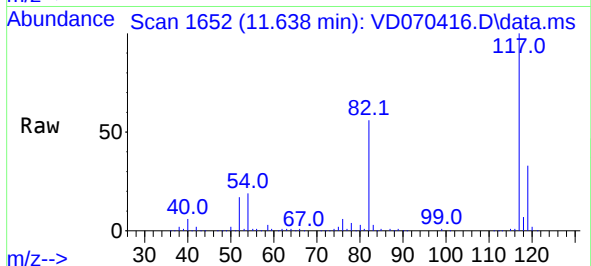




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070416.D
Acq: 22 Sep 2021 10:09

Instrument :
MSVOA_D
ClientSampleId :
VD0922SBL01

Tgt Ion:117 Resp: 575463
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.9 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: VD070416.D
Acq: 22 Sep 2021 10:09

Tgt Ion:152 Resp: 233610
Ion Ratio Lower Upper
152 100
115 62.3 32.1 96.3
150 155.7 0.0 350.6

