

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072296.D
 Acq On : 18 Mar 2022 18:11
 Operator : VA/SY
 Sample : N1994-13
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-4.5-5.0

Quant Time: Mar 19 05:26:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	874	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	717	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.57

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	289	29.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	59.340%
35) Dibromofluoromethane	7.920	113	447	69.346	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	138.700%
50) Toluene-d8	10.332	98	1233	52.313	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.620%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

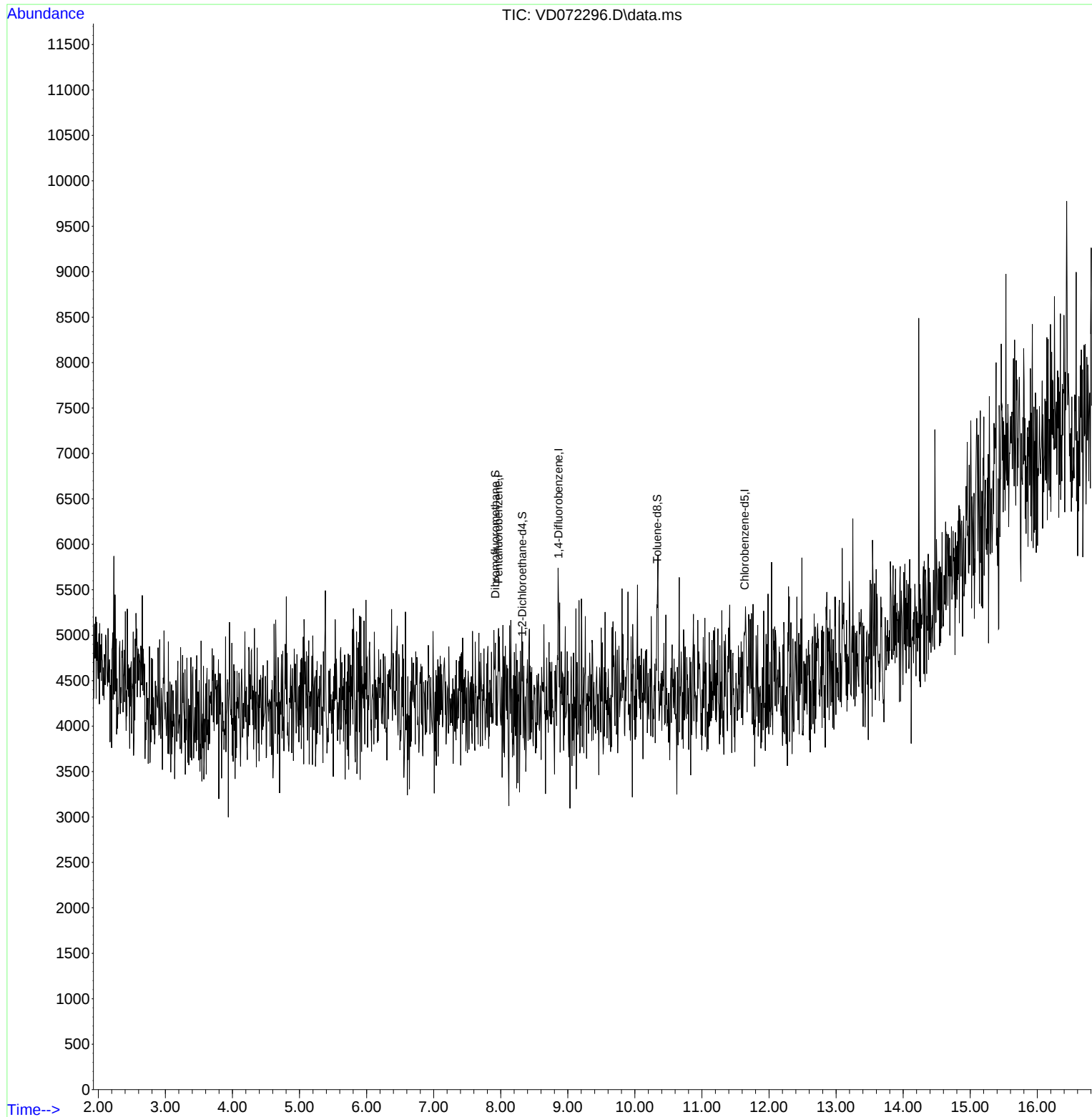
Target Compounds	Qvalue

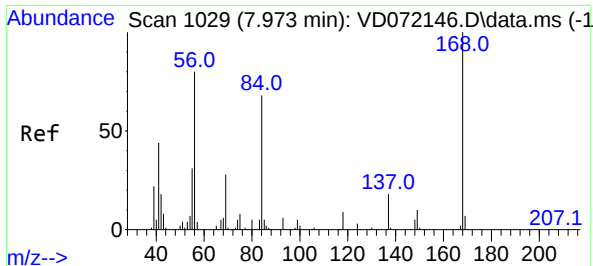
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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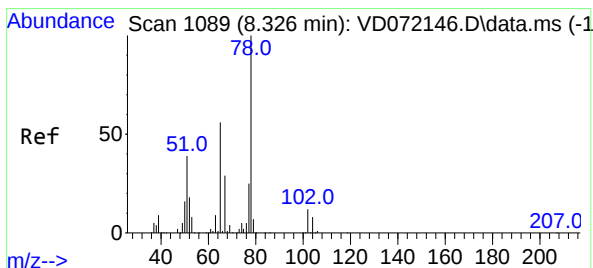
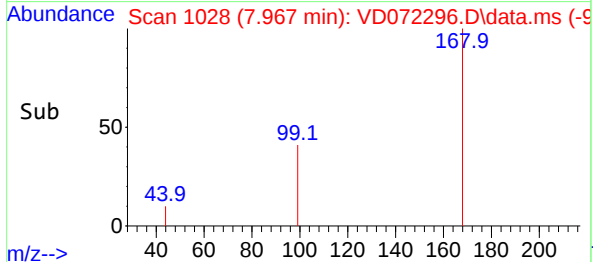
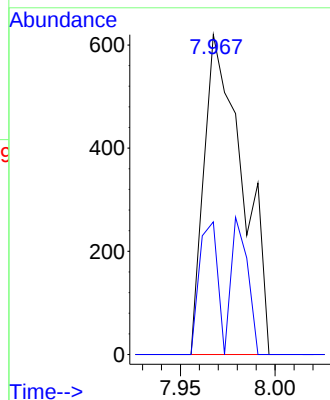
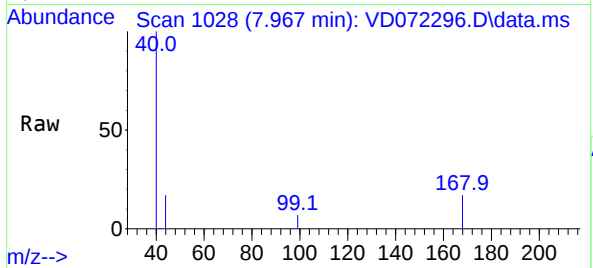




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

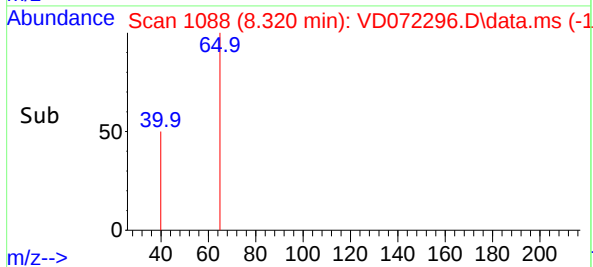
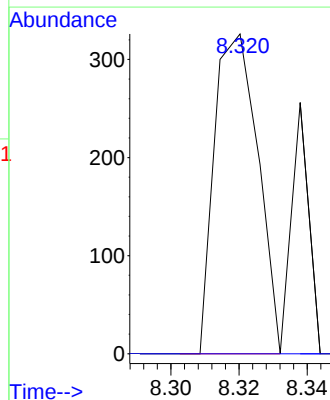
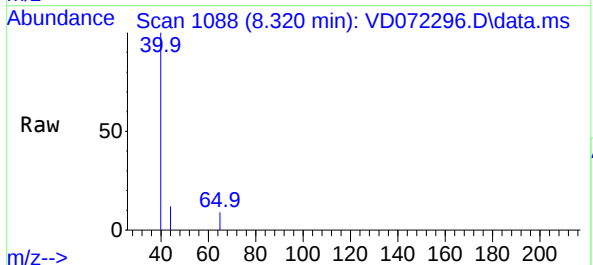
Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

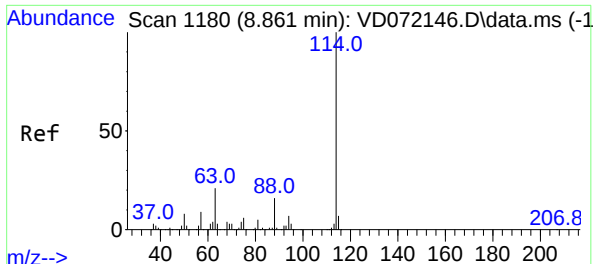
Tgt Ion:168 Resp: 874
Ion Ratio Lower Upper
168 100
99 41.5 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 29.671 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Tgt Ion: 65 Resp: 289
Ion Ratio Lower Upper
65 100
67 0.0 0.0 101.4

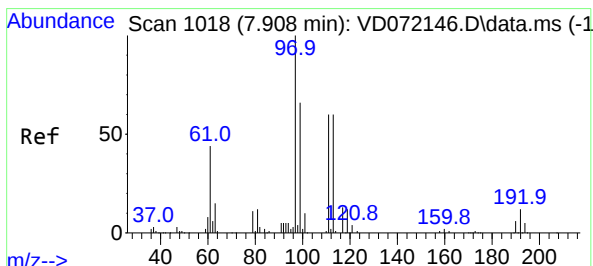
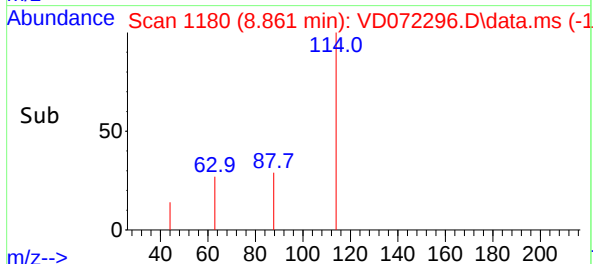
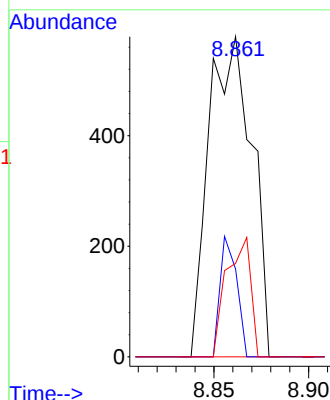
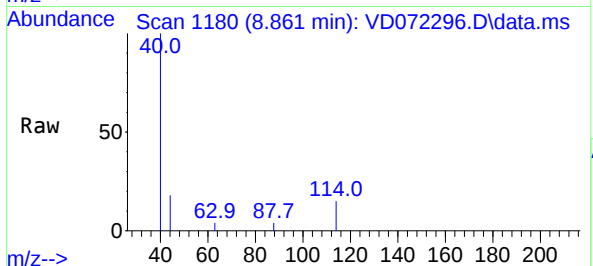




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

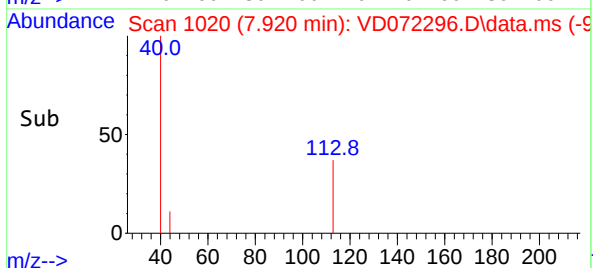
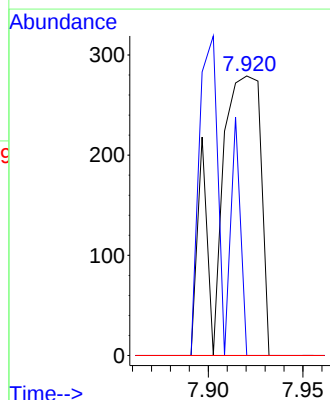
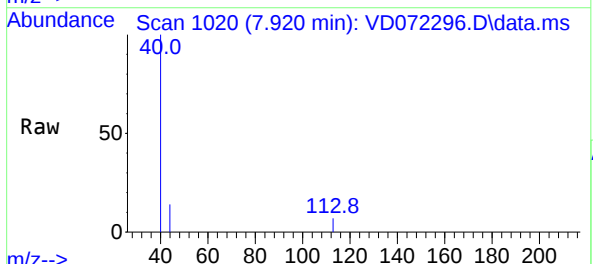
Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

Tgt Ion:	114	Resp:	916
Ion Ratio	Lower	Upper	
114	100		
63	27.5	0.0	46.6
88	29.2	0.0	33.2



#35
Dibromofluoromethane
Concen: 69.346 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.012 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Tgt Ion:	113	Resp:	447
Ion Ratio	Lower	Upper	
113	100		
111	66.2	83.8	125.6#
192	0.0	14.6	21.8#

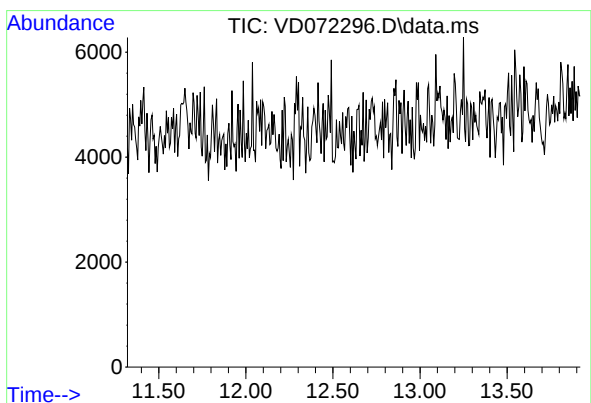
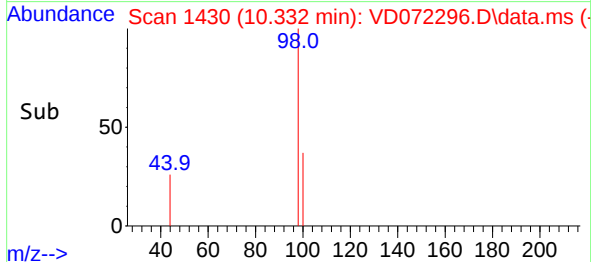
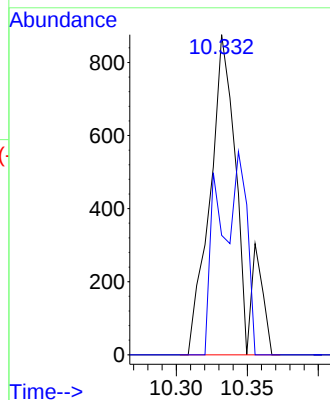
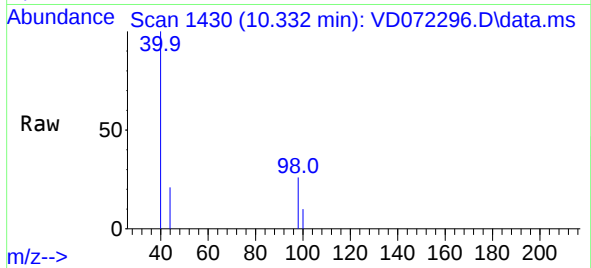




#50
Toluene-d8
Concen: 52.313 ug/l
RT: 10.332 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

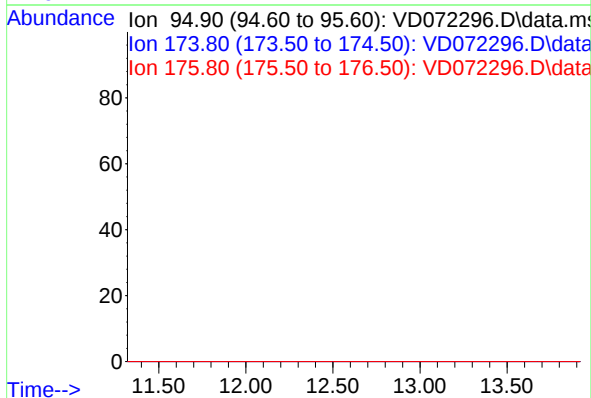
Tgt Ion: 98 Resp: 1233
Ion Ratio Lower Upper
98 100
100 60.0 52.4 78.6

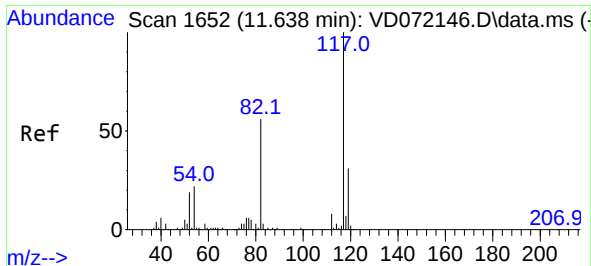


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.62 min

Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Tgt Ion: 95
Sig Exp Ratio
95 100
174 76.4
176 72.7

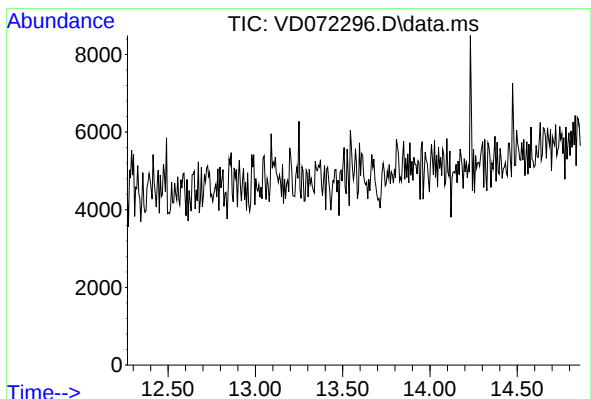
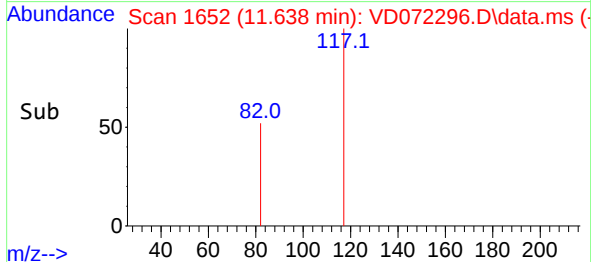
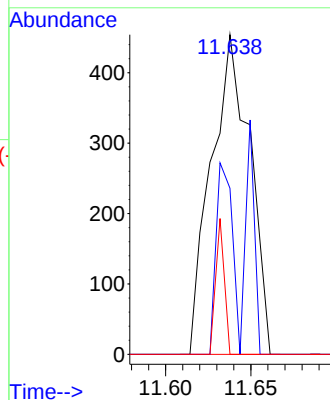
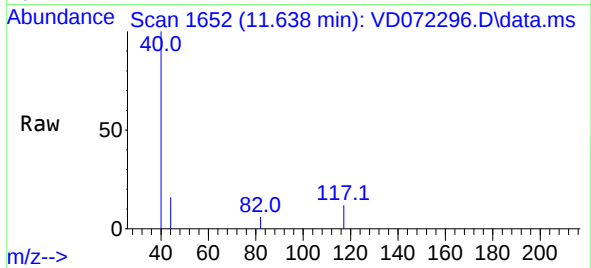




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

Tgt Ion:117 Resp: 717
Ion Ratio Lower Upper
117 100
82 52.0 45.3 67.9
119 0.0 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.57 min

Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Tgt Ion: 152
Sig Exp Ratio
152 100
115 62.5
150 174.3

