

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069818.D
 Acq On : 22 Jul 2021 20:05
 Operator : VA/SY
 Sample : M3117-08
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-8

Quant Time: Jul 23 05:04:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	245	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	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	75	26.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	53.240%
35) Dibromofluoromethane	7.897	113	184	66.036	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.080%
50) Toluene-d8	10.344	98	888	82.650	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	165.300%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

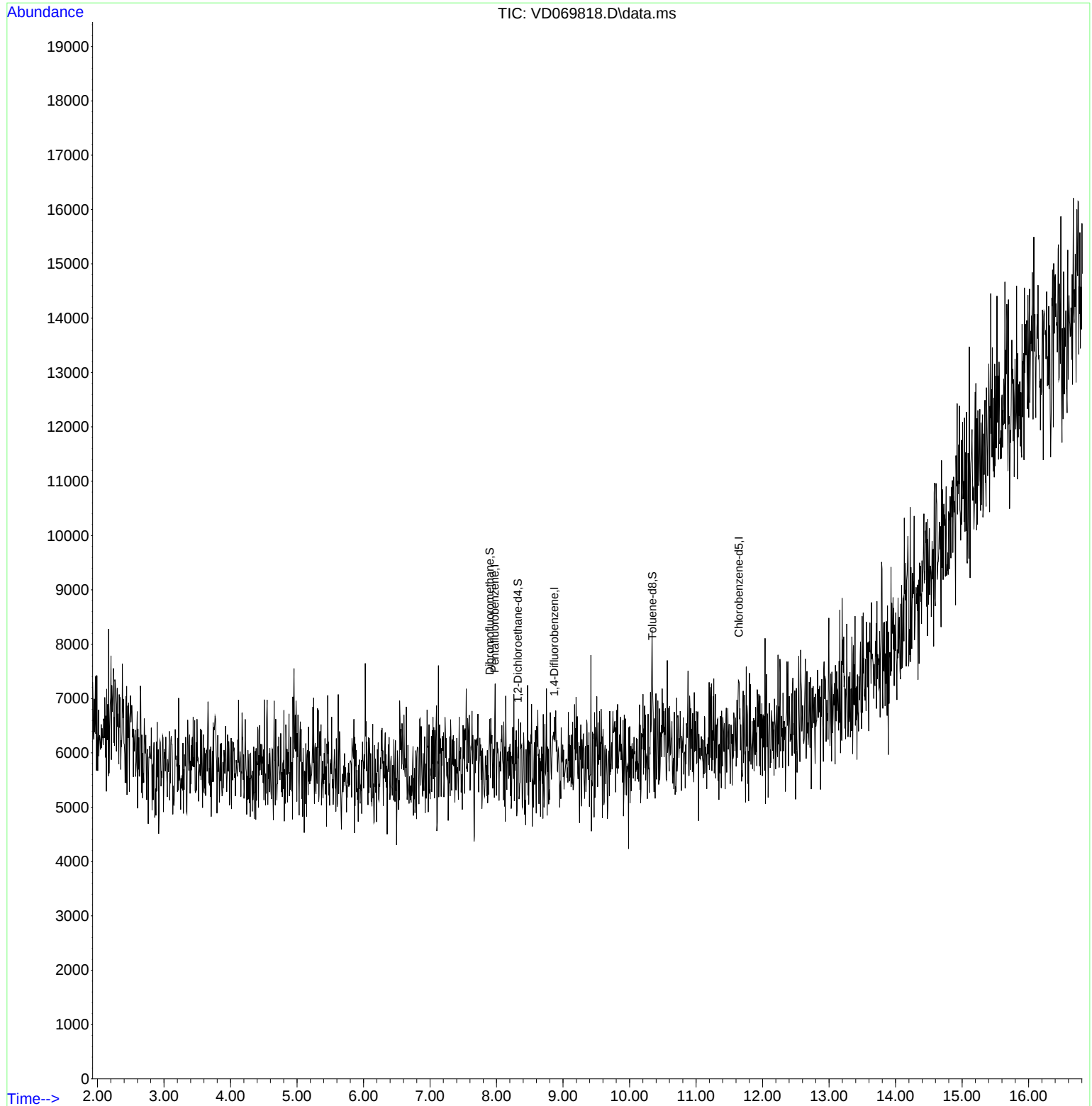
Target Compounds	Qvalue

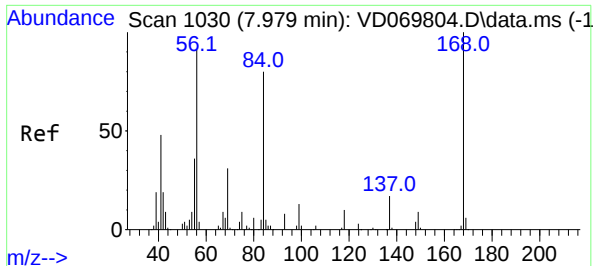
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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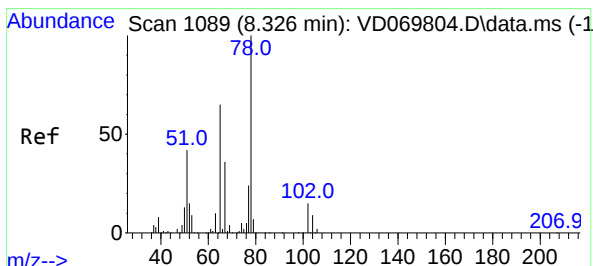
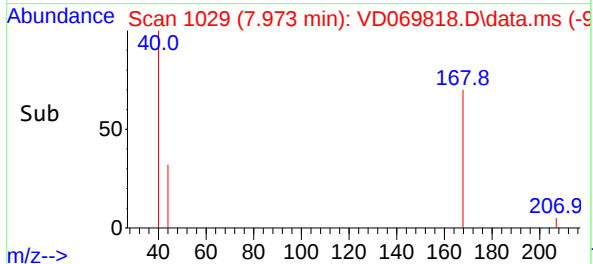
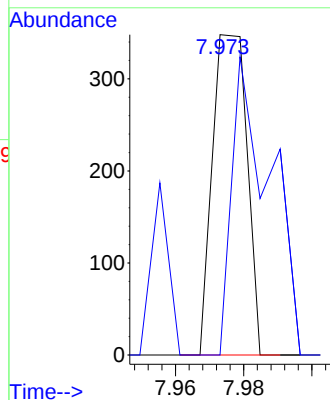
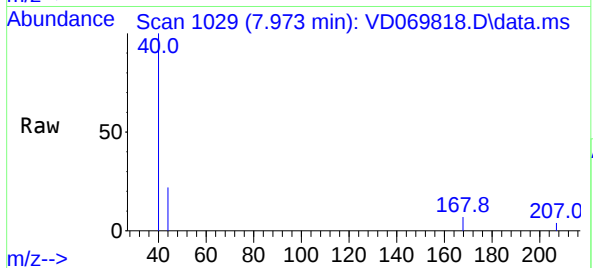




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

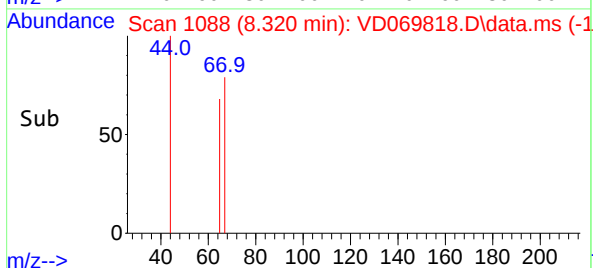
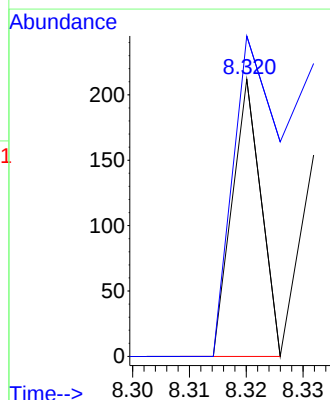
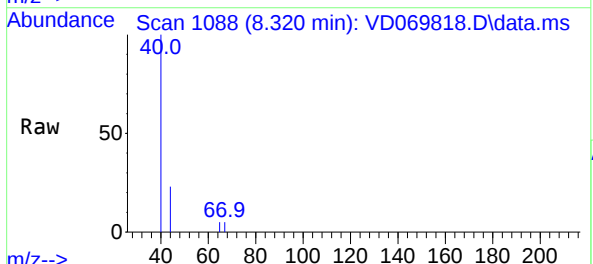
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

Tgt Ion:168 Resp: 245
Ion Ratio Lower Upper
168 100
99 0.0 51.1 76.7#



1,2-Dichloroethane-d4
Concen: 26.617 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion: 65 Resp: 75
Ion Ratio Lower Upper
65 100
67 297.3 0.0 111.2#

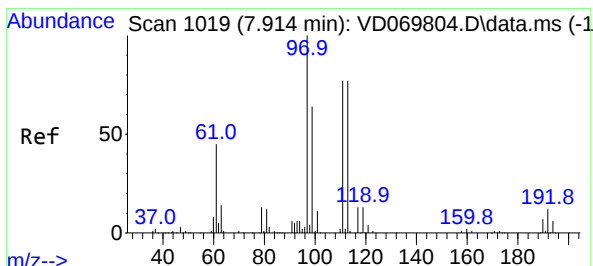
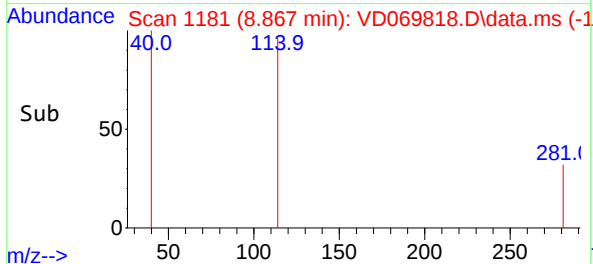
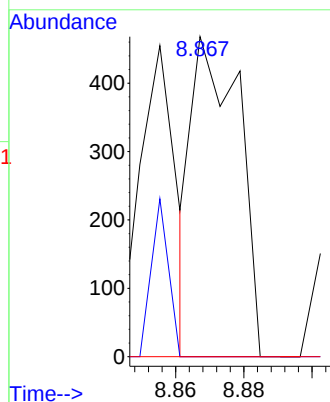
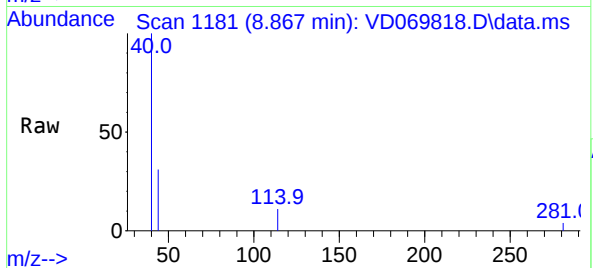




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

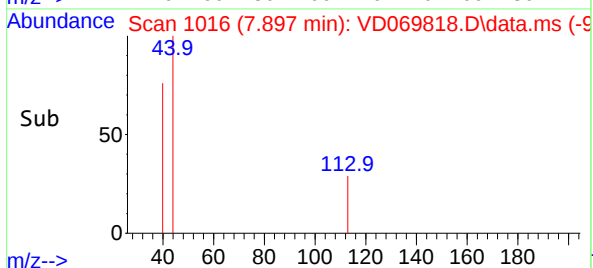
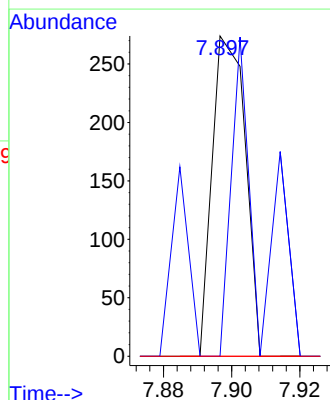
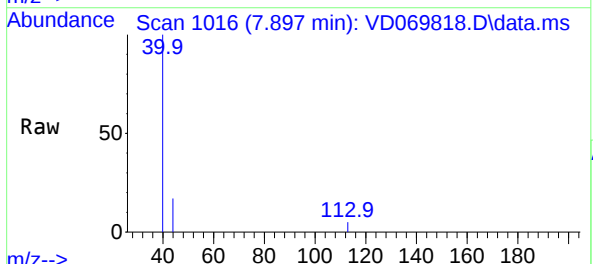
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

Tgt Ion:114	Resp:	442
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 41.6
88	0.0	0.0 31.4



#35
Dibromofluoromethane
Concen: 66.036 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.018 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion:113	Resp:	184
Ion	Ratio	Lower Upper
113	100	
111	85.9	80.5 120.7
192	0.0	12.6 19.0#

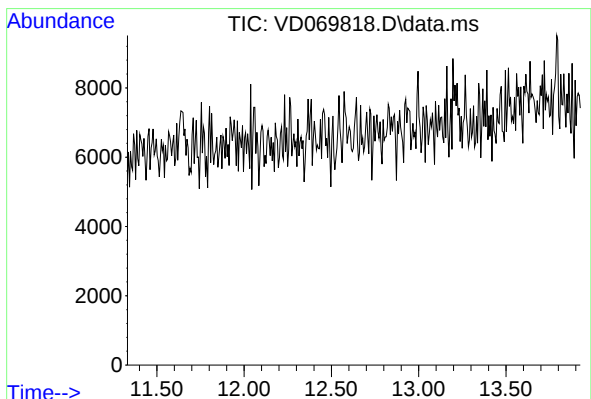
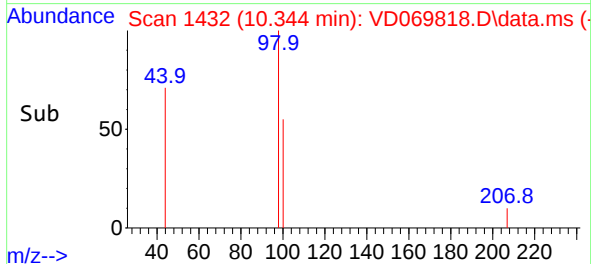
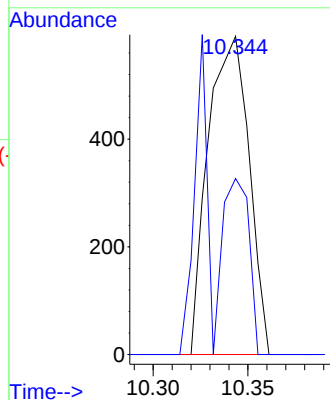
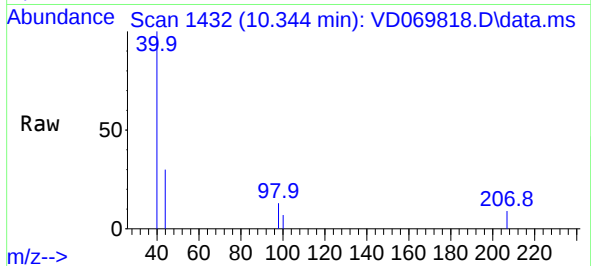




#50
Toluene-d8
Concen: 82.650 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

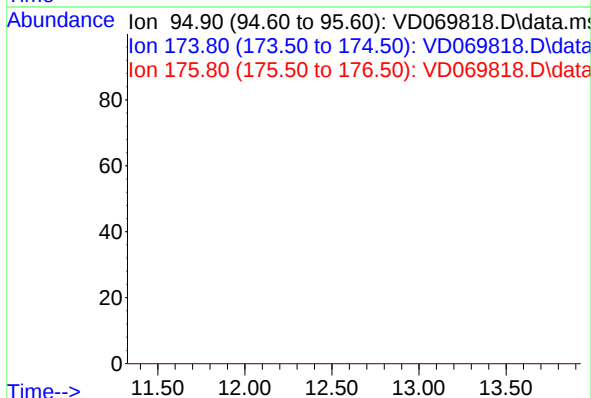
Tgt Ion: 98 Resp: 888
Ion Ratio Lower Upper
98 100
100 24.7 51.9 77.9#

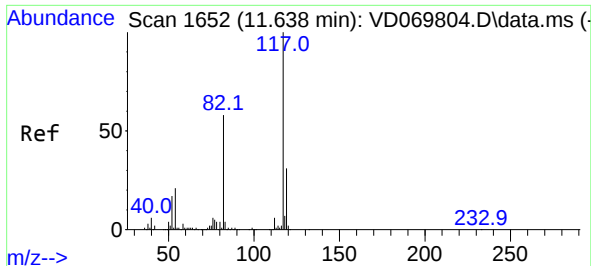


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.63 min

Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion: 95
Sig Exp Ratio
95 100
174 71.3
176 67.1

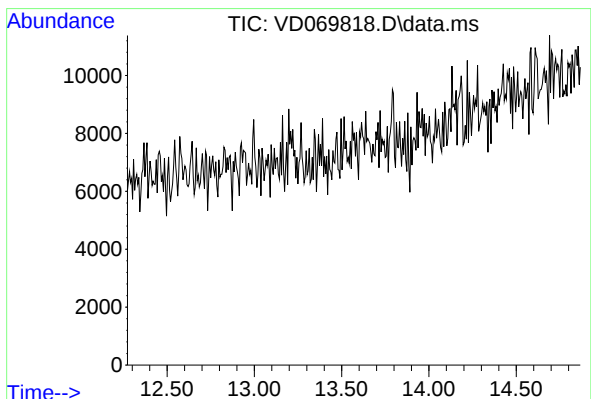
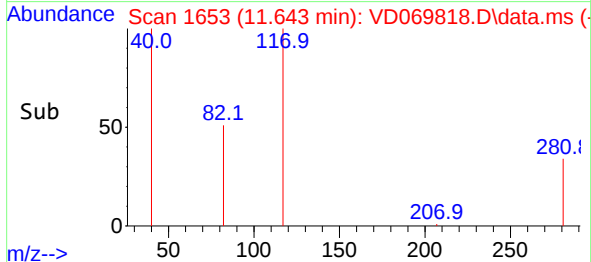
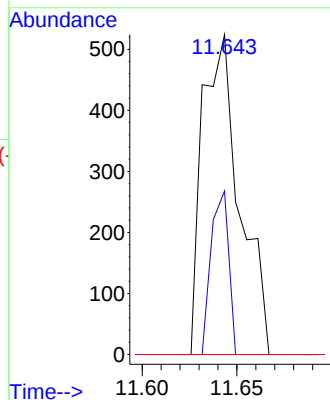
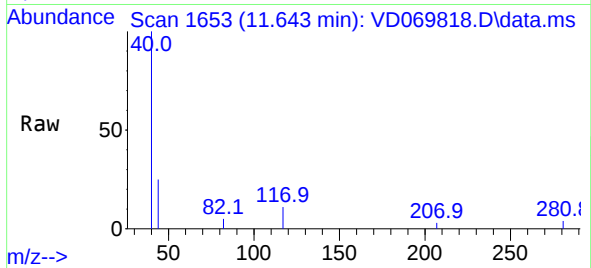




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

Tgt Ion:117 Resp: 717
Ion Ratio Lower Upper
117 100
82 51.1 46.3 69.5
119 0.0 24.7 37.1#



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

Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion: 152
Sig Exp Ratio
152 100
115 62.2
150 171.5

