

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069836.D
 Acq On : 23 Jul 2021 18:42
 Operator : VA/SY
 Sample : M3117-08
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-8

Quant Time: Jul 24 01:36:28 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	7.967	168	7413	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.867	114	12710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	12868	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	7290	85.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.020%#	
35) Dibromofluoromethane	7.909	113	4830	60.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.560%	
50) Toluene-d8	10.338	98	16990	54.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.980%	
62) 4-Bromofluorobenzene	12.626	95	4961	48.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.100%	

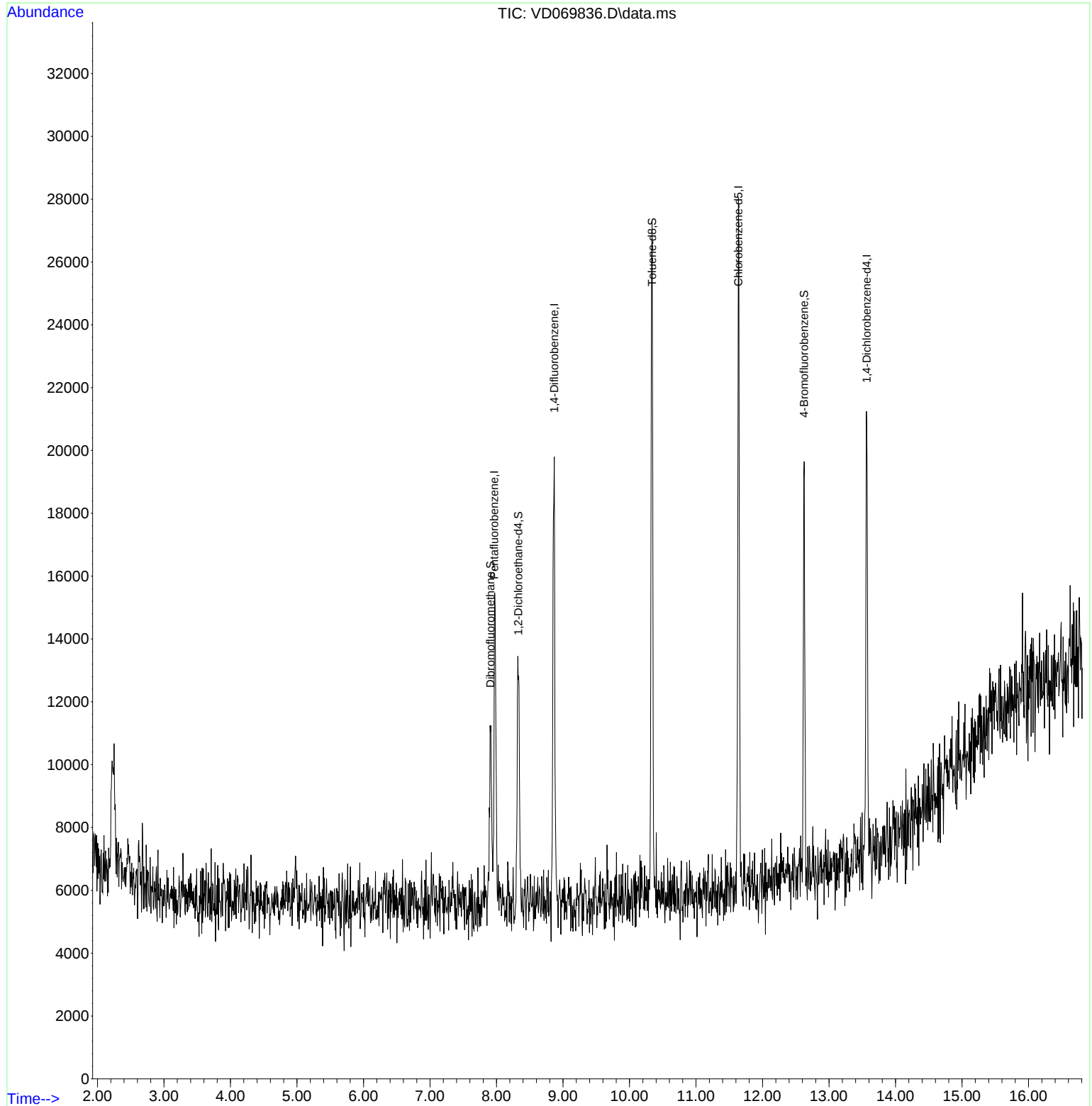
Target Compounds	Qvalue

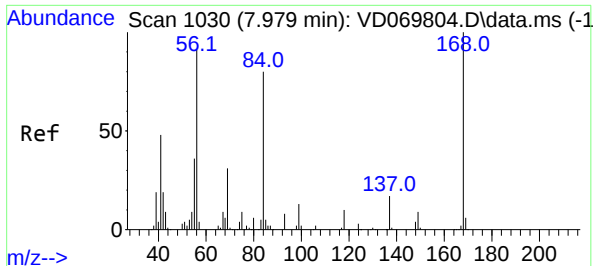
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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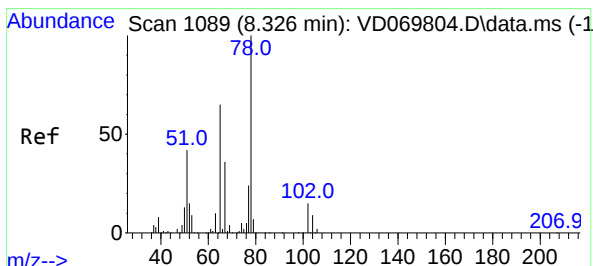
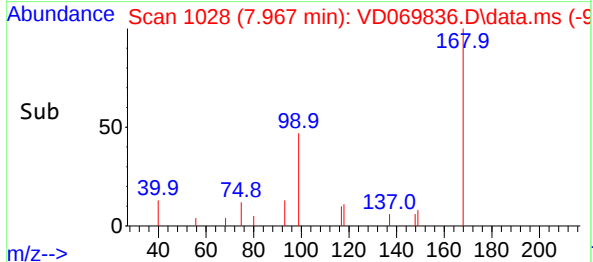
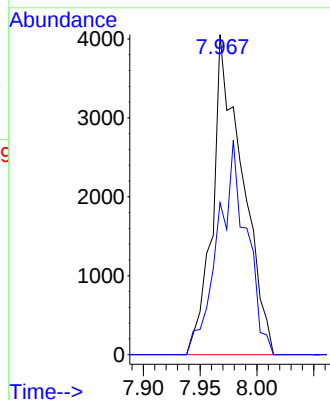
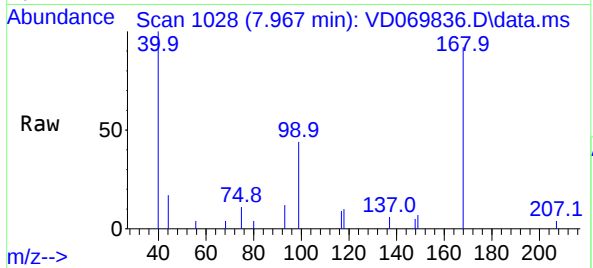




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

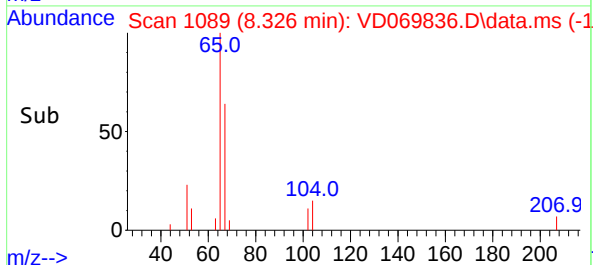
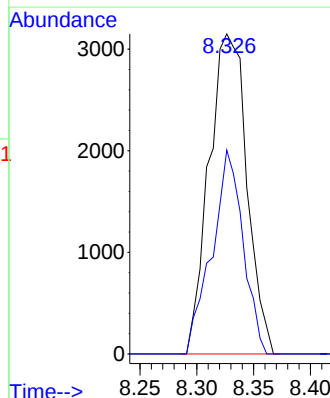
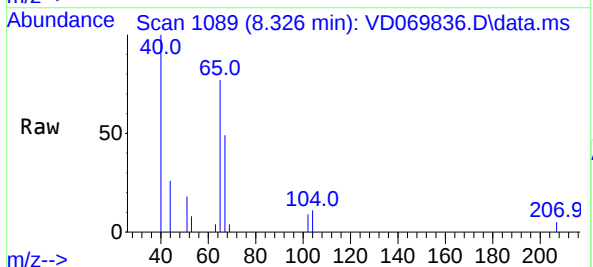
Instrument :
MSVOA_D
ClientSampled :
NJ-CLEAN-8

Tgt Ion:168 Resp: 7413
Ion Ratio Lower Upper
168 100
99 47.5 51.1 76.7#



#33
1,2-Dichloroethane-d4
Concen: 85.507 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion: 65 Resp: 7290
Ion Ratio Lower Upper
65 100
67 52.6 0.0 111.2

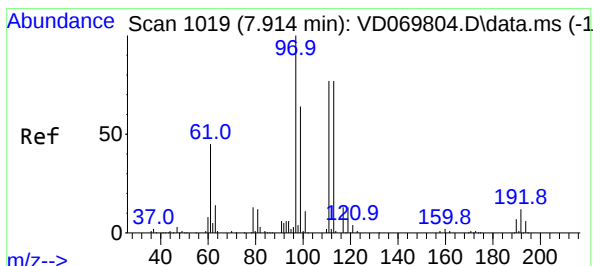
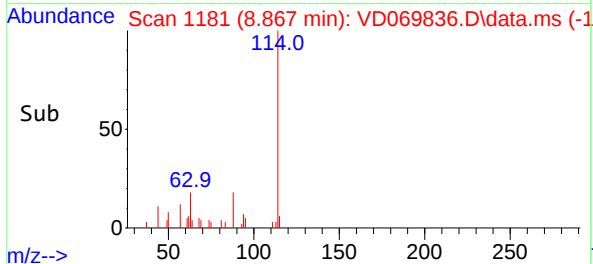
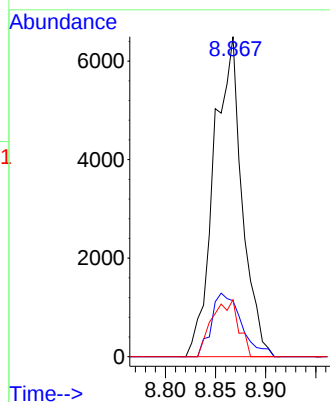
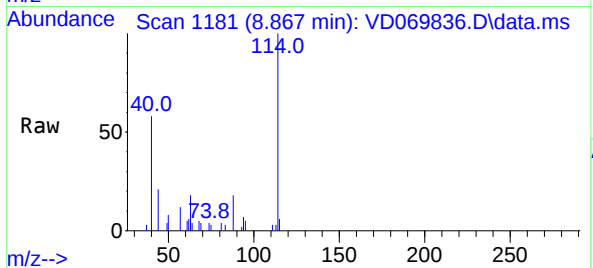




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

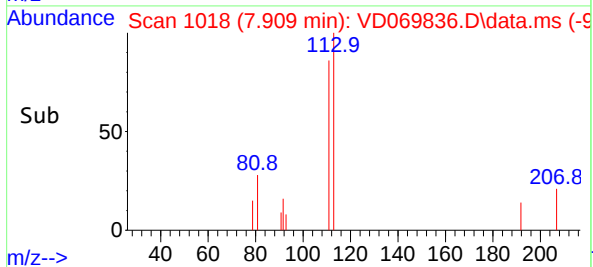
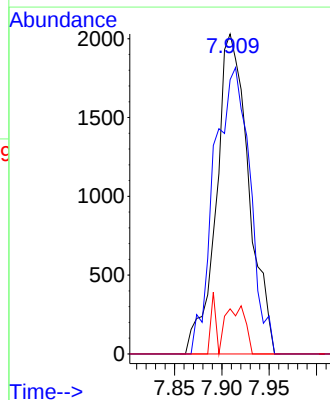
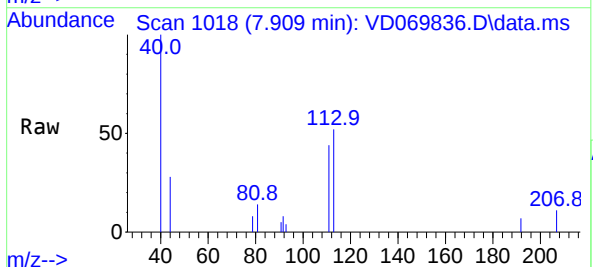
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

Tgt Ion:	114	Resp:	12710
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	41.6
88	17.8	0.0	31.4



#35
Dibromofluoromethane
Concen: 60.282 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion:	113	Resp:	4830
Ion	Ratio	Lower	Upper
113	100		
111	98.9	80.5	120.7
192	9.2	12.6	19.0#

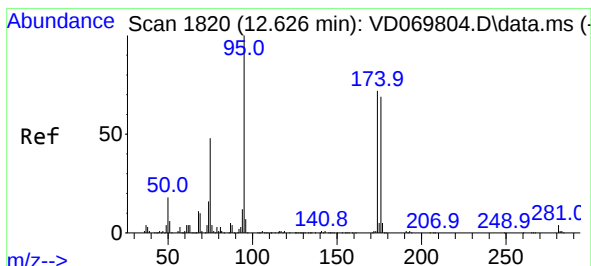
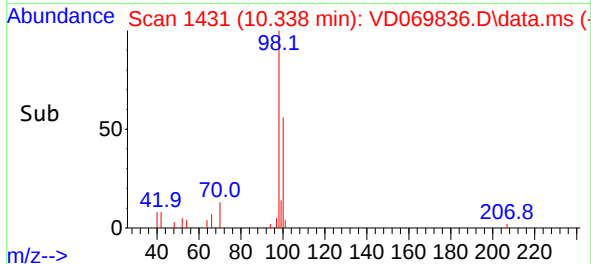
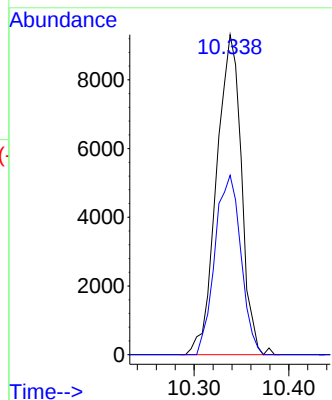
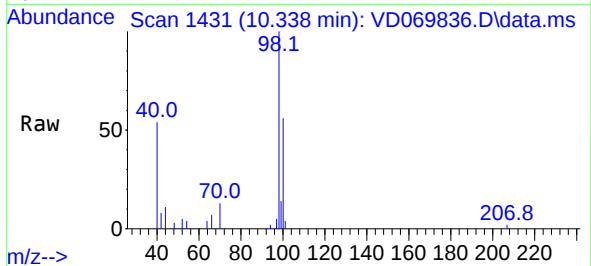




#50
Toluene-d8
Concen: 54.992 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

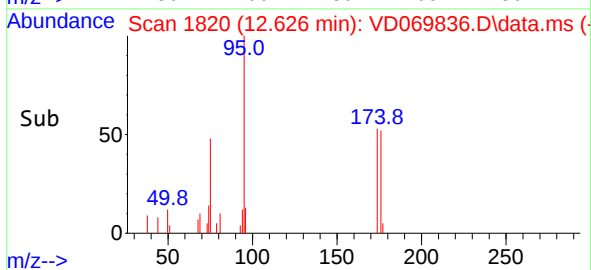
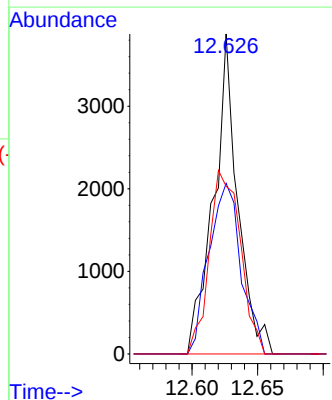
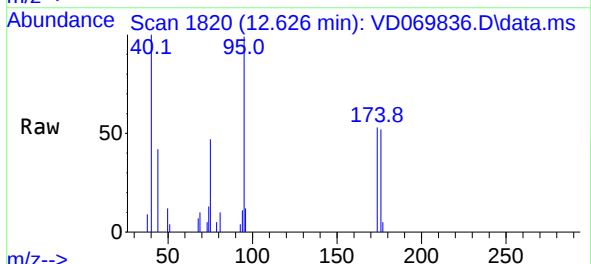
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

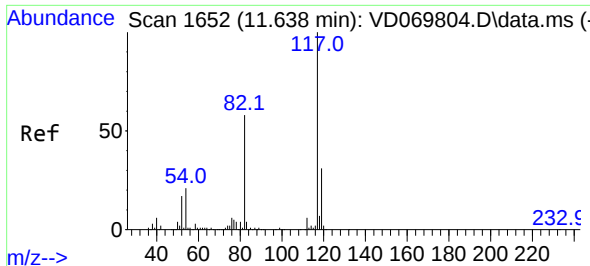
Tgt Ion: 98 Resp: 16990
Ion Ratio Lower Upper
98 100
100 58.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.047 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion: 95 Resp: 4961
Ion Ratio Lower Upper
95 100
174 71.4 0.0 142.6
176 74.2 0.0 134.2

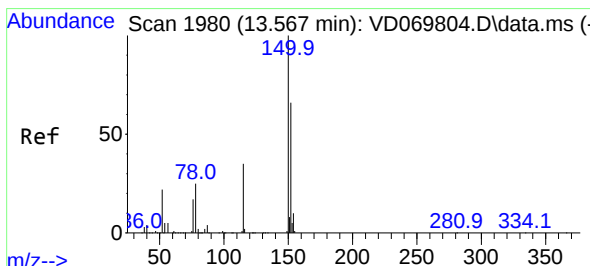
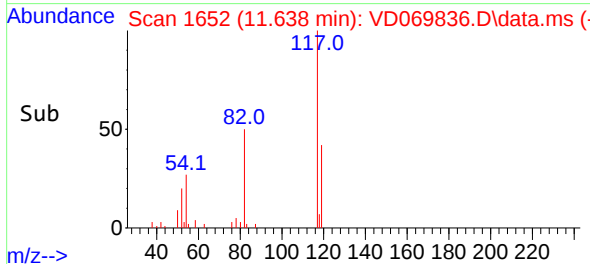
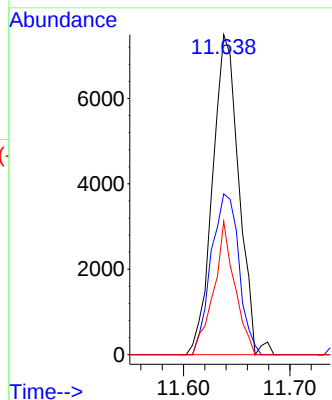
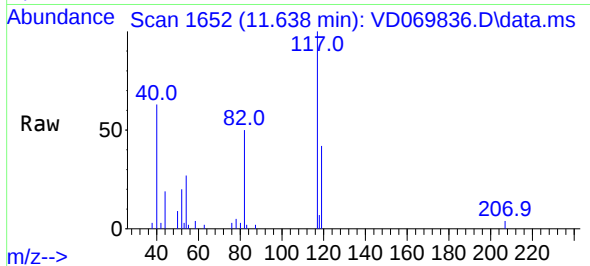




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

Tgt Ion:	117	Resp:	12868
Ion	Ratio	Lower	Upper
117	100		
82	50.3	46.3	69.5
119	41.6	24.7	37.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069836.D
Acq: 23 Jul 2021 18:42

Tgt Ion:	152	Resp:	3868
Ion	Ratio	Lower	Upper
152	100		
115	78.2	31.1	93.3
150	169.2	0.0	343.0

