

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069832.D
 Acq On : 23 Jul 2021 16:47
 Operator : VA/SY
 Sample : M3117-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-4

Quant Time: Jul 24 01:35:30 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	7.979	168	45587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	78831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	89883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	39612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	44914	85.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.340%#
35) Dibromofluoromethane	7.908	113	28258	56.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.720%
50) Toluene-d8	10.338	98	99102	51.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.440%
62) 4-Bromofluorobenzene	12.626	95	38454	60.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.100%

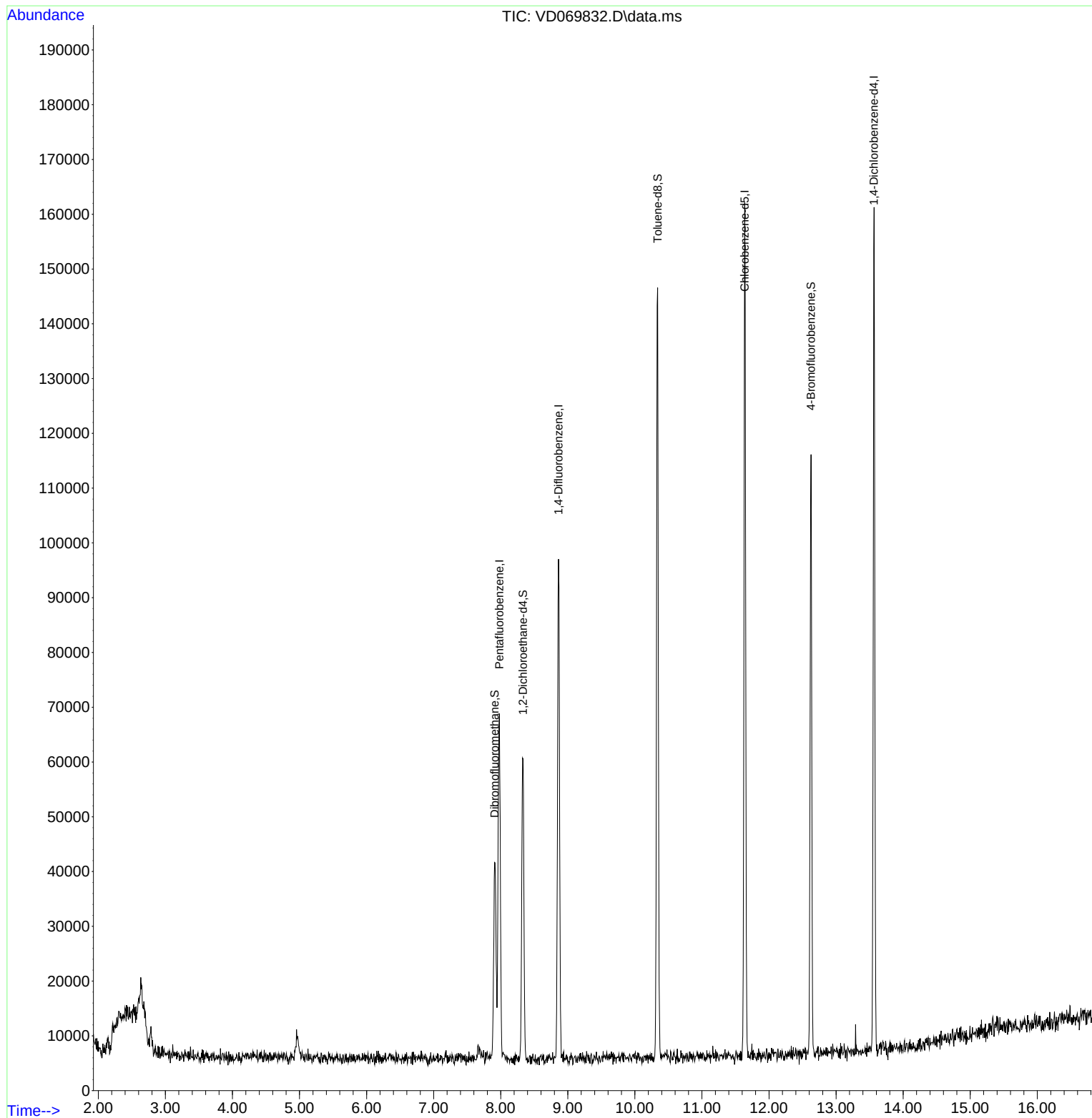
Target Compounds	Qvalue

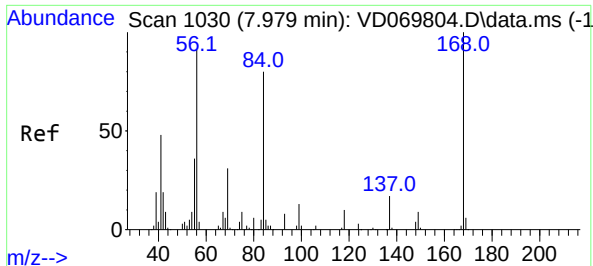
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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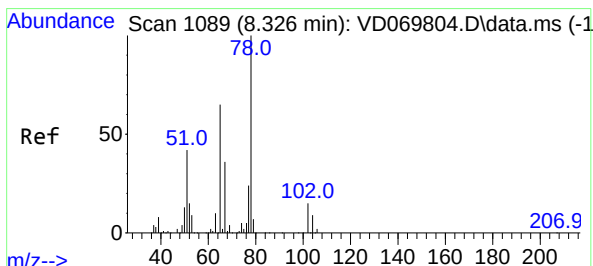
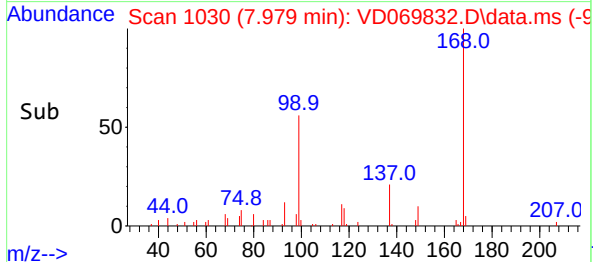
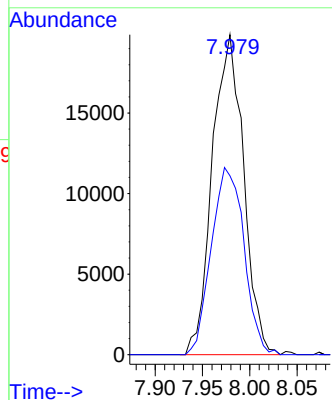
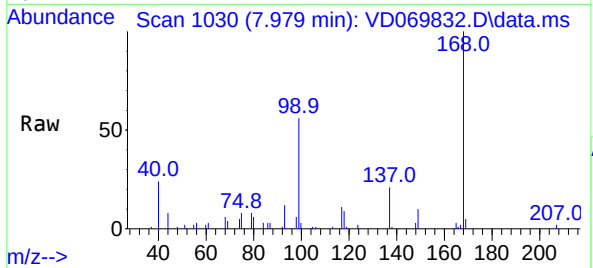




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069832.D
Acq: 23 Jul 2021 16:47

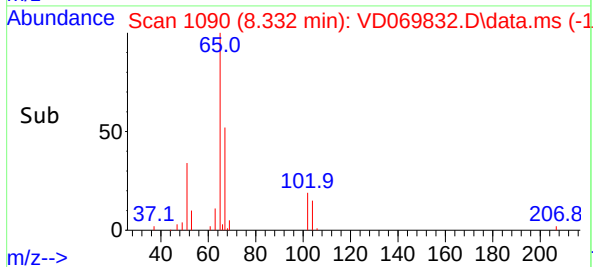
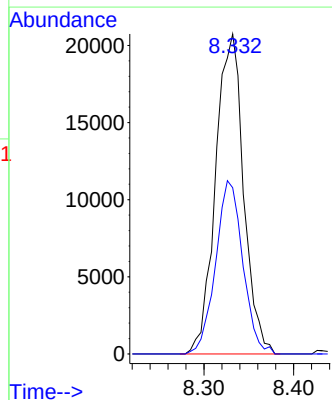
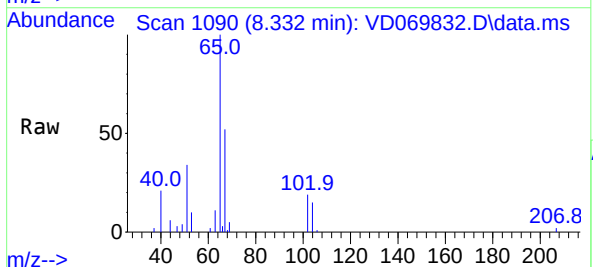
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-4

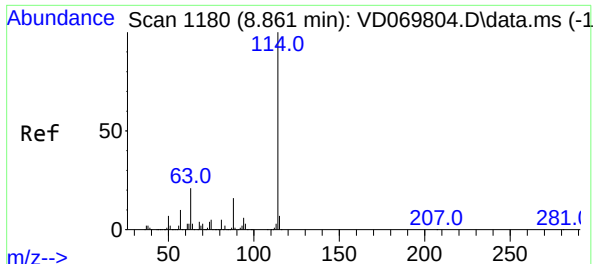
Tgt Ion:168 Resp: 45587
Ion Ratio Lower Upper
168 100
99 55.9 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 85.666 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069832.D
Acq: 23 Jul 2021 16:47

Tgt Ion: 65 Resp: 44914
Ion Ratio Lower Upper
65 100
67 52.5 0.0 111.2



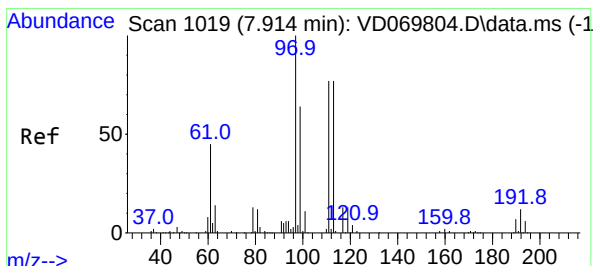
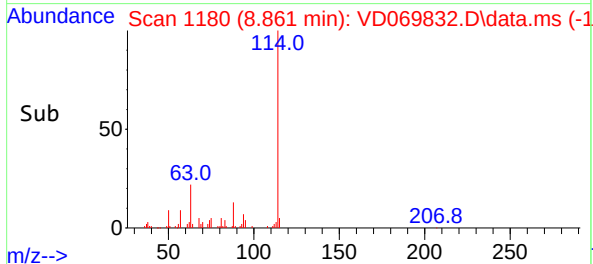
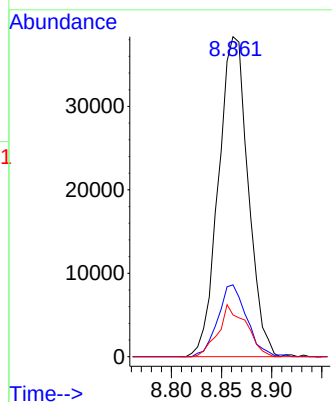
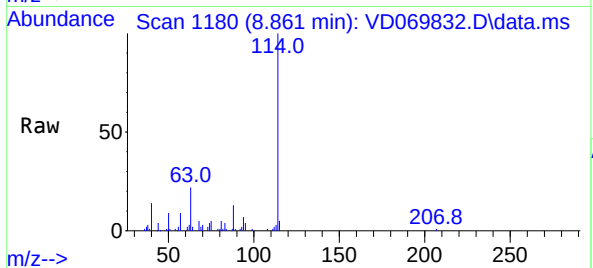


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069832.D
Acq: 23 Jul 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-4

Tgt Ion:114 Resp: 78831

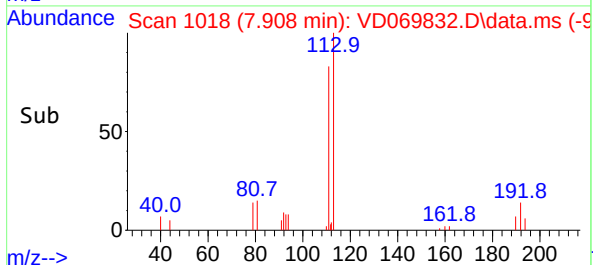
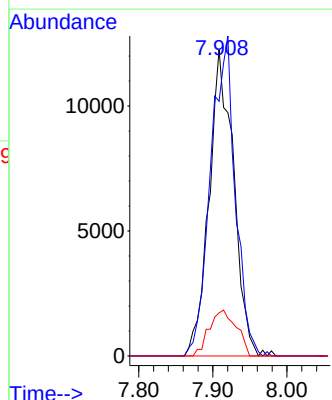
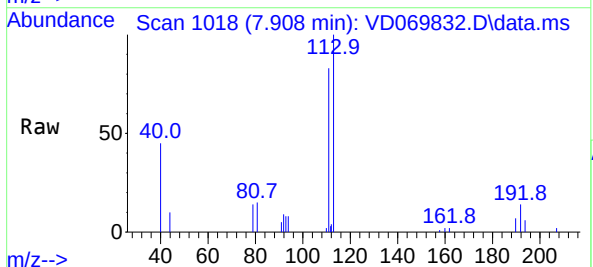
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	41.6
88	13.0	0.0	31.4

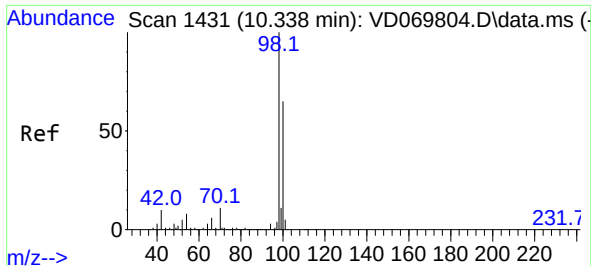


#35
Dibromofluoromethane
Concen: 56.863 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069832.D
Acq: 23 Jul 2021 16:47

Tgt Ion:113 Resp: 28258

Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.5	120.7
192	16.6	12.6	19.0

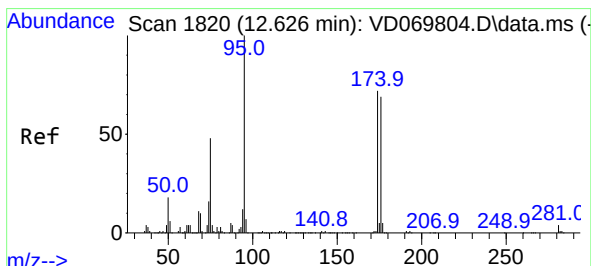
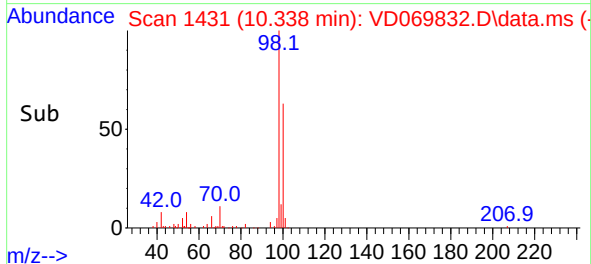
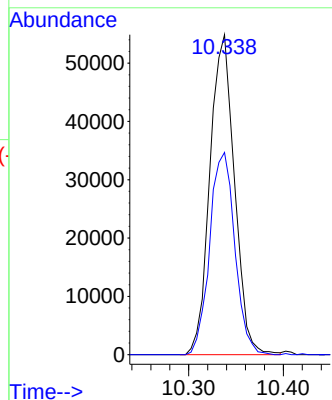
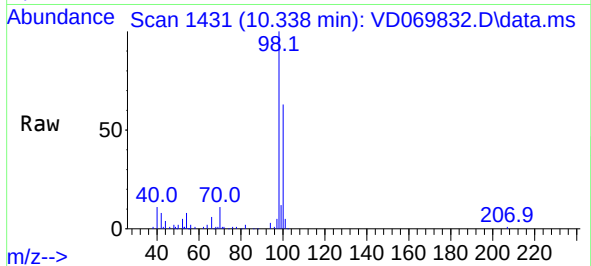




#50
Toluene-d8
Concen: 51.718 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069832.D
Acq: 23 Jul 2021 16:47

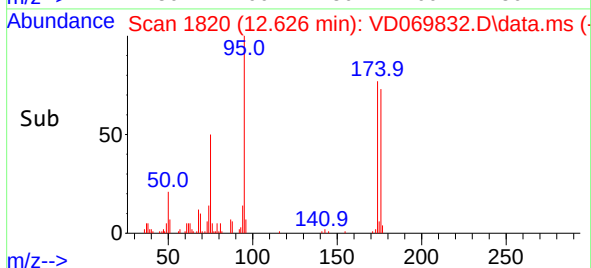
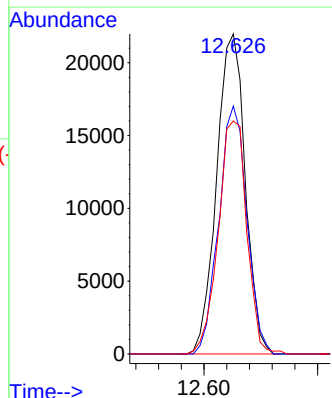
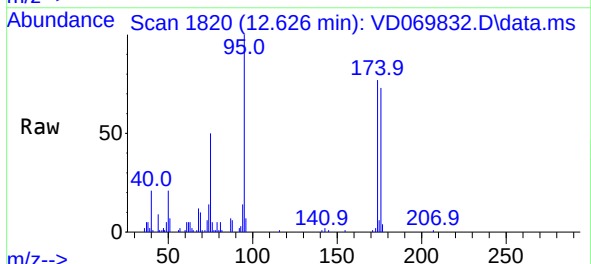
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-4

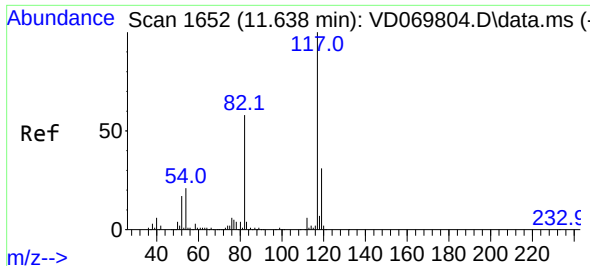
Tgt Ion: 98 Resp: 99102
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 60.047 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069832.D
Acq: 23 Jul 2021 16:47

Tgt Ion: 95 Resp: 38454
Ion Ratio Lower Upper
95 100
174 76.0 0.0 142.6
176 72.4 0.0 134.2

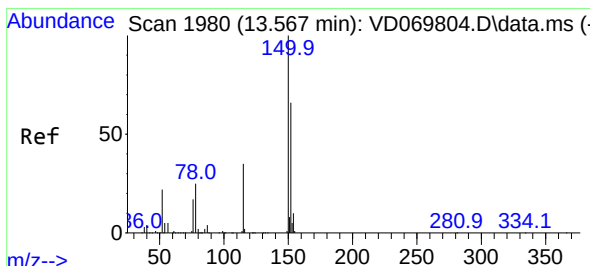
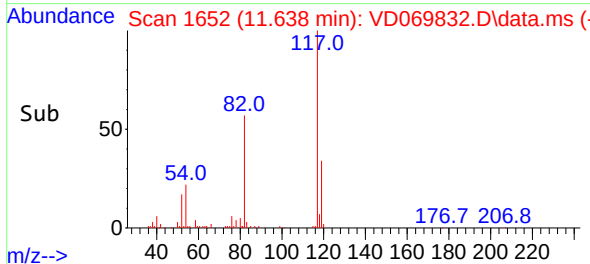
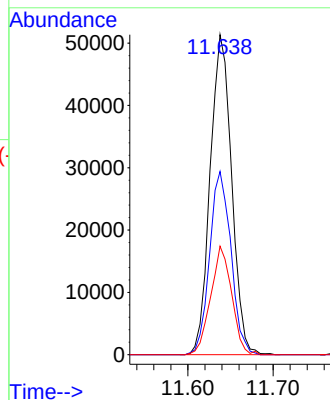
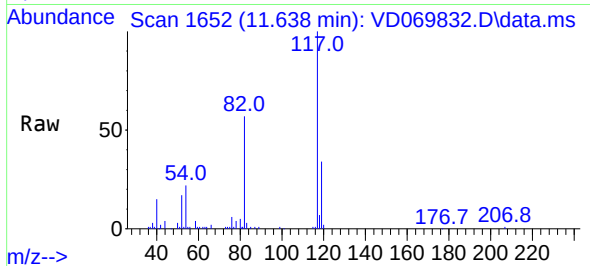




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069832.D
Acq: 23 Jul 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-4

Tgt Ion:	117	Resp:	89883
Ion Ratio	Lower	Upper	
117	100		
82	57.3	46.3	69.5
119	33.9	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069832.D
Acq: 23 Jul 2021 16:47

Tgt Ion:	152	Resp:	39612
Ion Ratio	Lower	Upper	
152	100		
115	62.7	31.1	93.3
150	165.7	0.0	343.0

