

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069833.D
 Acq On : 23 Jul 2021 17:16
 Operator : VA/SY
 Sample : M3117-05
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-5

Quant Time: Jul 24 01:35:45 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	342986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	651231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	718294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	321970	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	282160	71.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.060%
35) Dibromofluoromethane	7.914	113	238017	57.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.960%
50) Toluene-d8	10.338	98	851449	53.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.580%
62) 4-Bromofluorobenzene	12.626	95	309773	58.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.100%

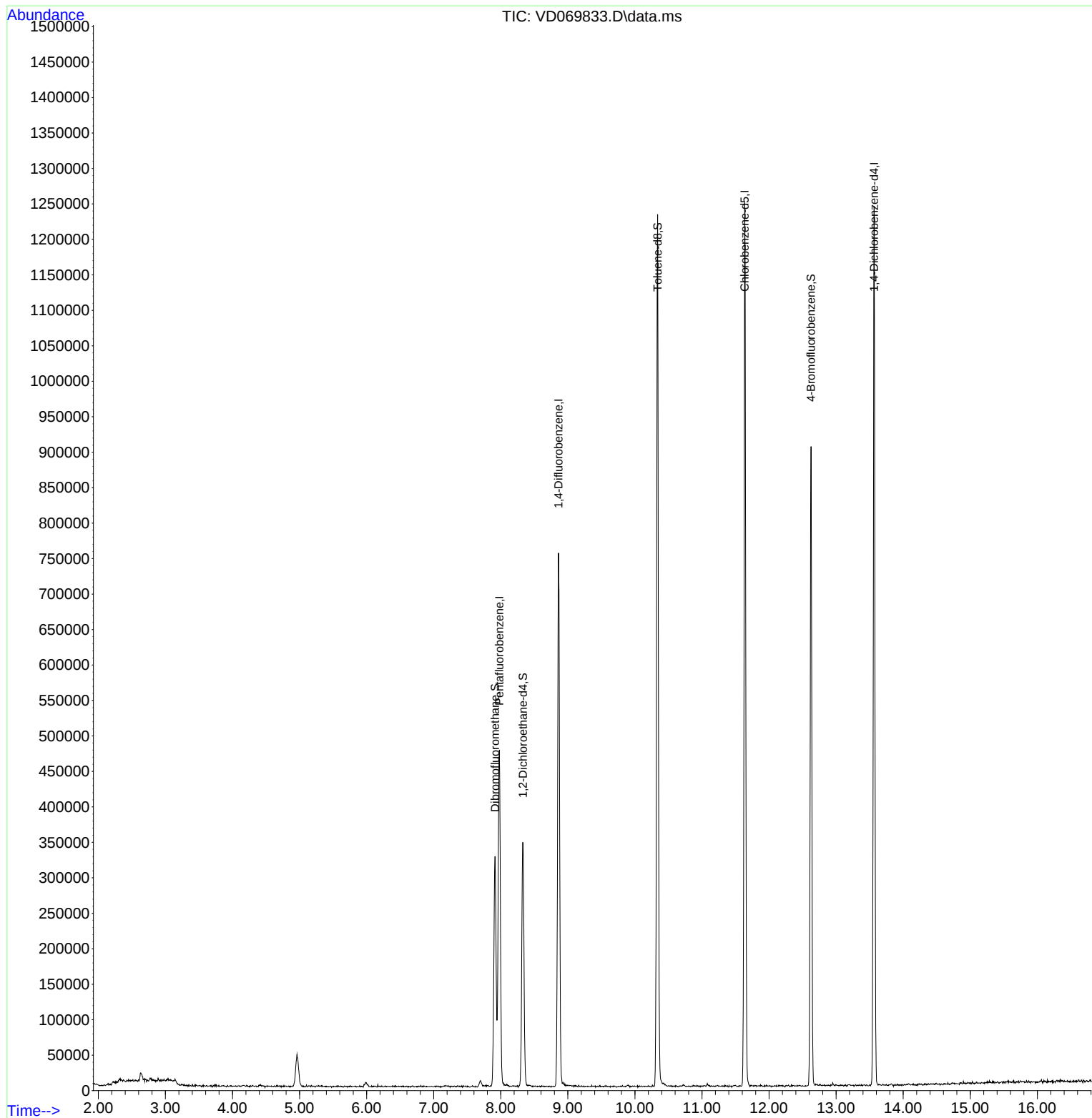
Target Compounds	Qvalue

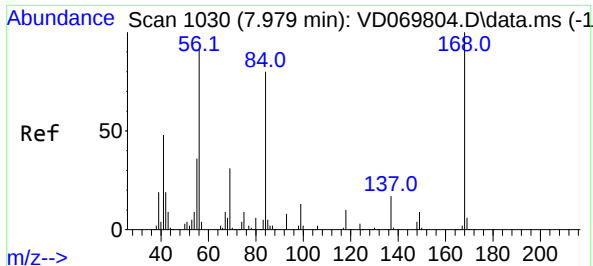
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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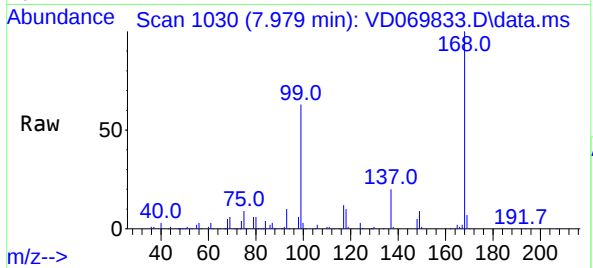
Quant Time: Jul 24 01:35:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
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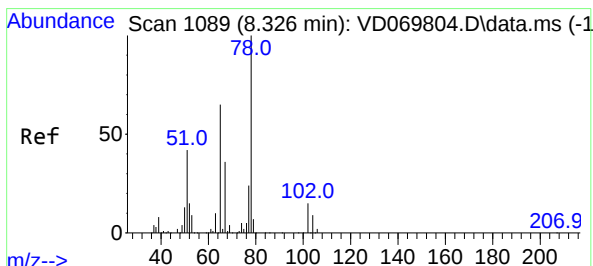
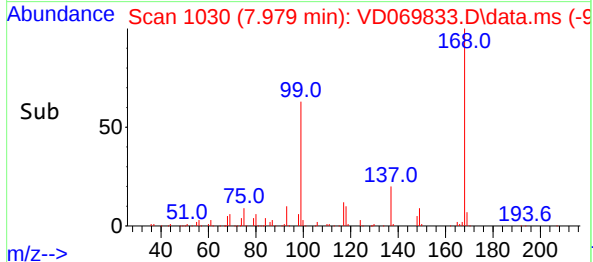
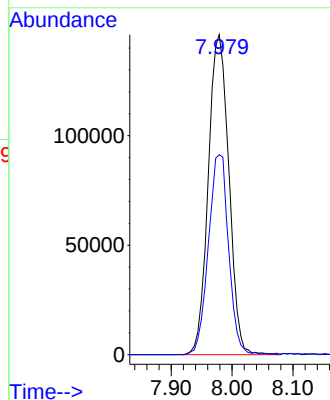


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5

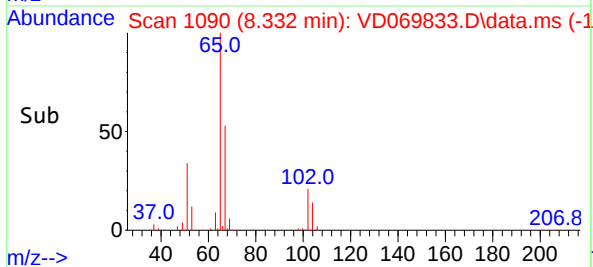
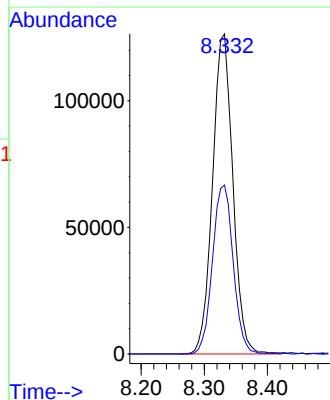
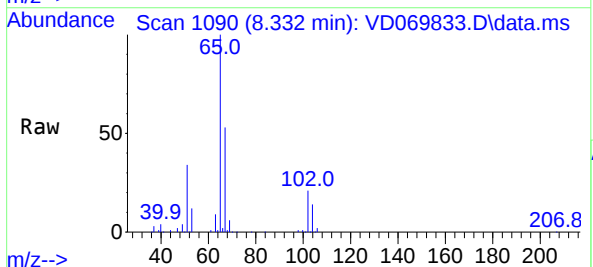


Tgt Ion:168 Resp: 342986
Ion Ratio Lower Upper
168 100
99 62.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 71.530 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion: 65 Resp: 282160
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.2



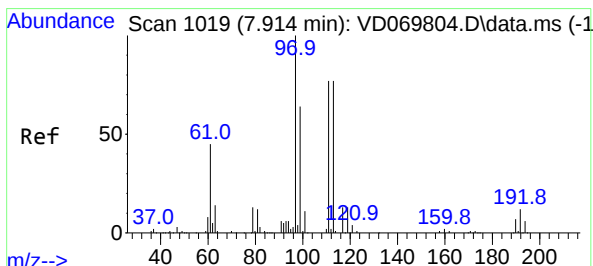
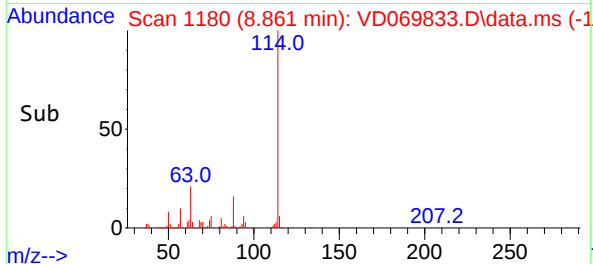
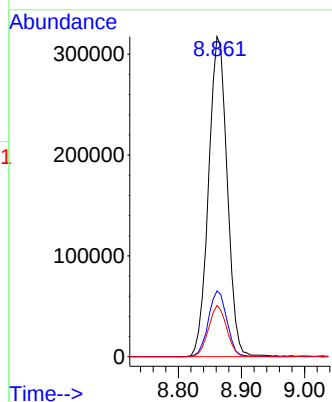
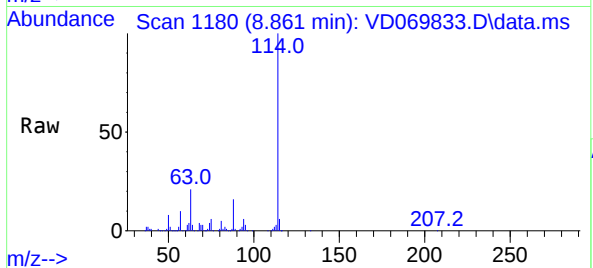


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5

Tgt Ion:114 Resp: 651231

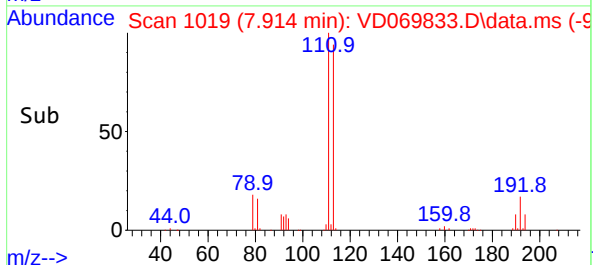
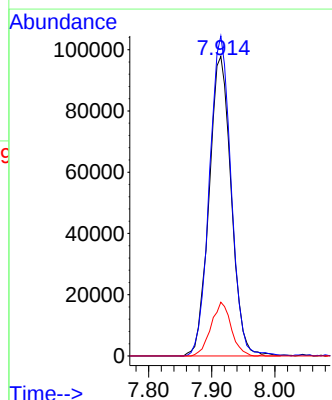
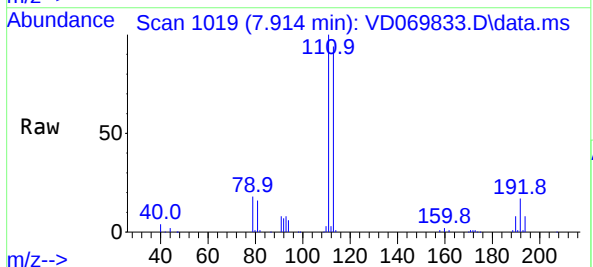
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.6
88	16.0	0.0	31.4

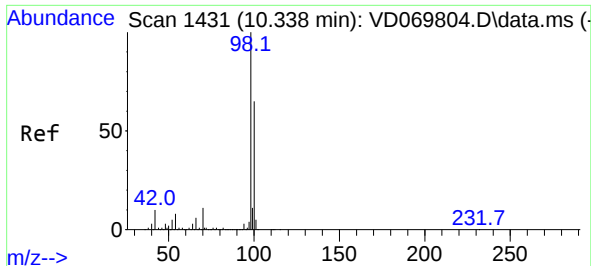


#35
Dibromofluoromethane
Concen: 57.977 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion:113 Resp: 238017

Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.5	120.7
192	16.3	12.6	19.0

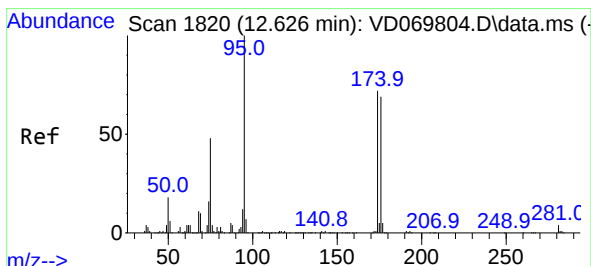
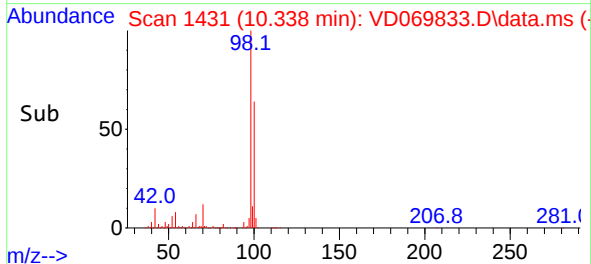
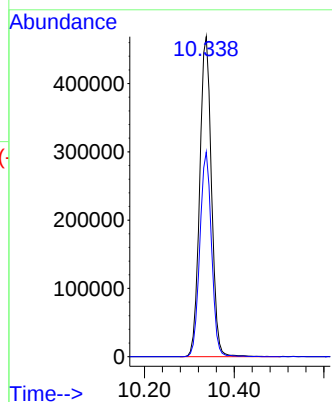
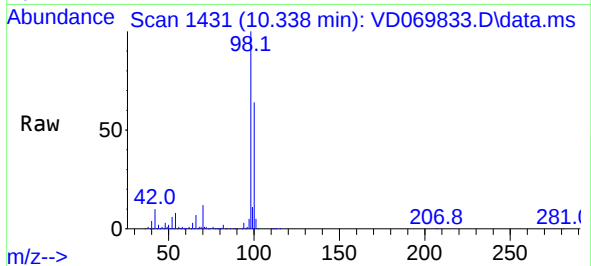




#50
Toluene-d8
Concen: 53.787 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

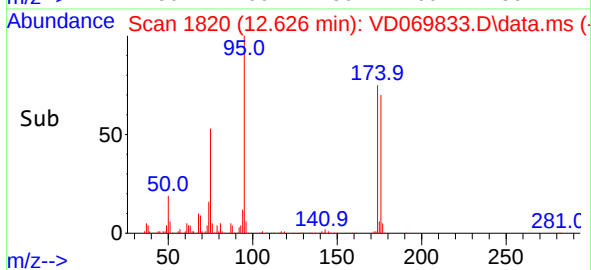
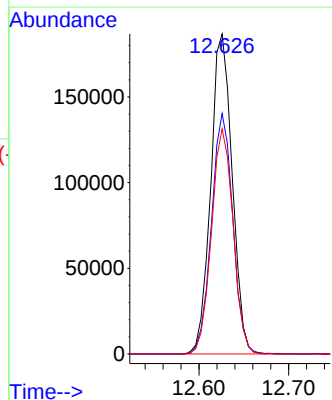
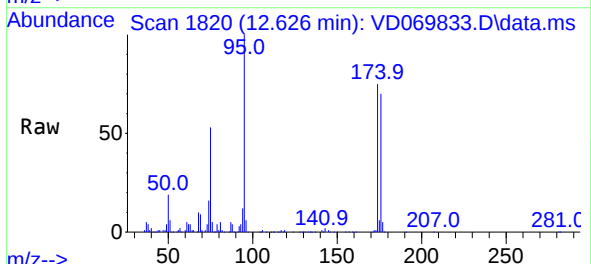
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5

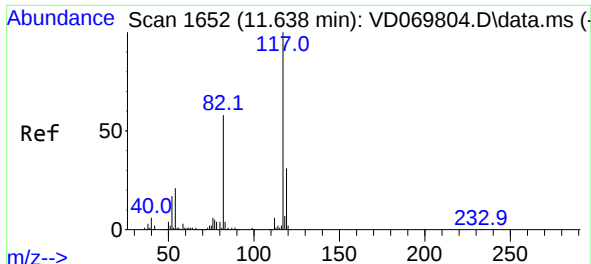
Tgt Ion: 98 Resp: 851449
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 58.553 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion: 95 Resp: 309773
Ion Ratio Lower Upper
95 100
174 75.1 0.0 142.6
176 70.7 0.0 134.2

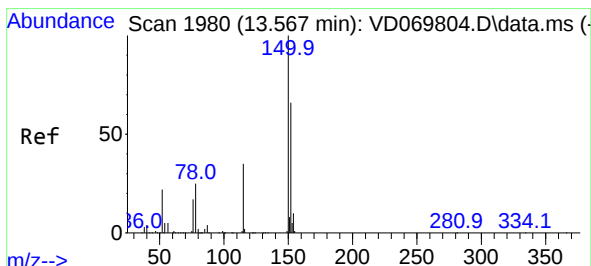
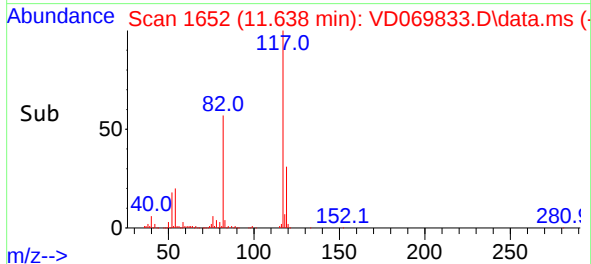
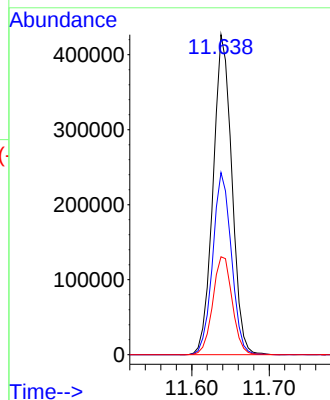
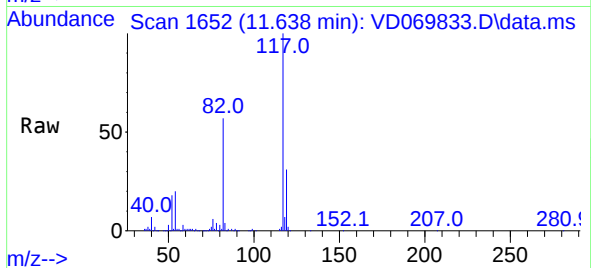




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5

Tgt Ion:117 Resp: 718294
Ion Ratio Lower Upper
117 100
82 56.9 46.3 69.5
119 30.6 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: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion:152 Resp: 321970
Ion Ratio Lower Upper
152 100
115 60.9 31.1 93.3
150 159.8 0.0 343.0

