

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069838.D
 Acq On : 23 Jul 2021 19:39
 Operator : VA/SY
 Sample : M3117-09
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-9

Quant Time: Jul 24 01:36:57 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)

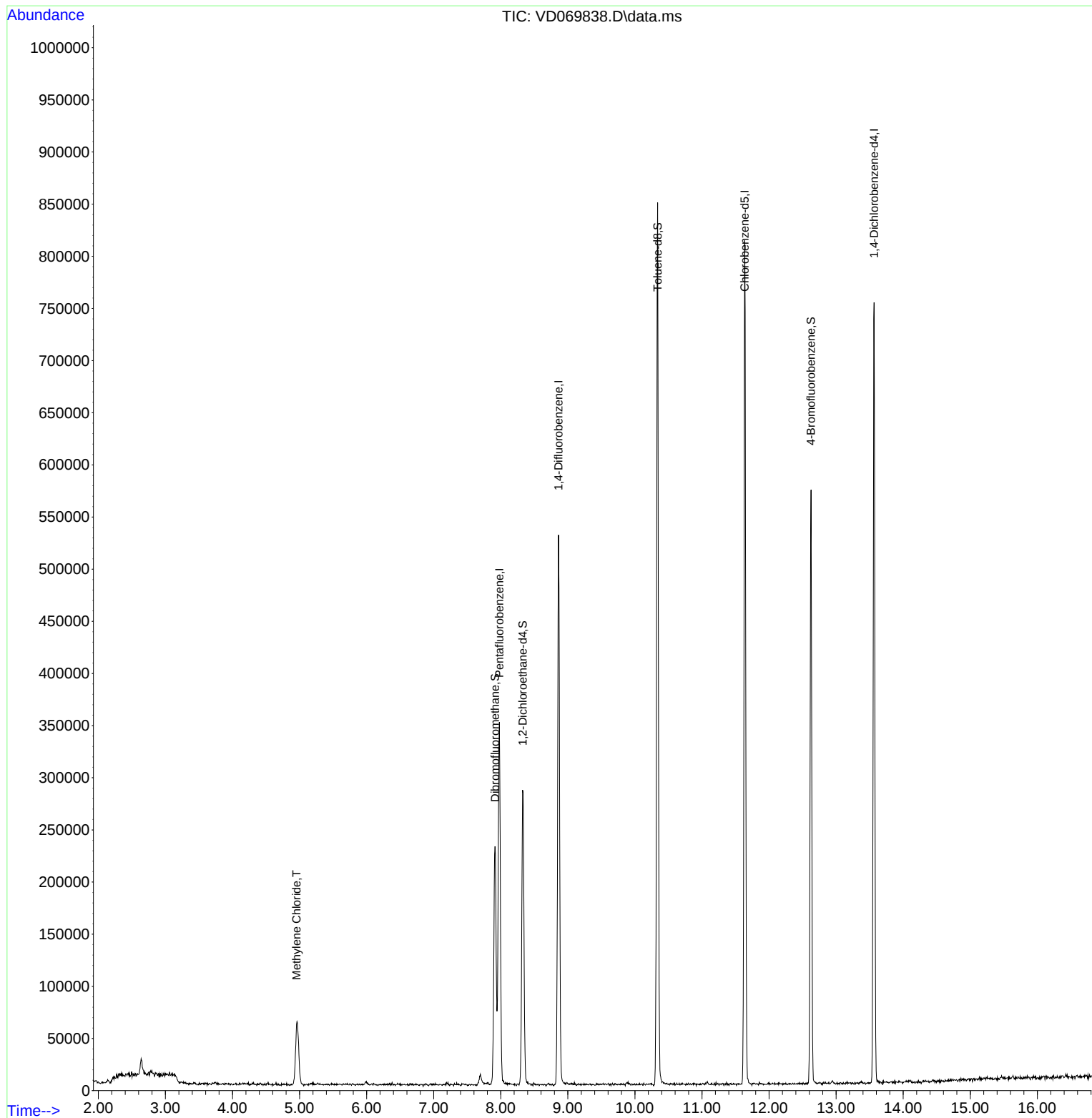
Internal Standards						
1) Pentafluorobenzene	7.979	168	243241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	448883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	480145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	208725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	229503	82.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.080%#	
35) Dibromofluoromethane	7.914	113	176056	62.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.440%	
50) Toluene-d8	10.338	98	576017	52.790	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.580%	
62) 4-Bromofluorobenzene	12.626	95	200028	54.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.700%	
Target Compounds						
20) Methylene Chloride	4.956	84	50215	8.471	ug/l	Qvalue 91

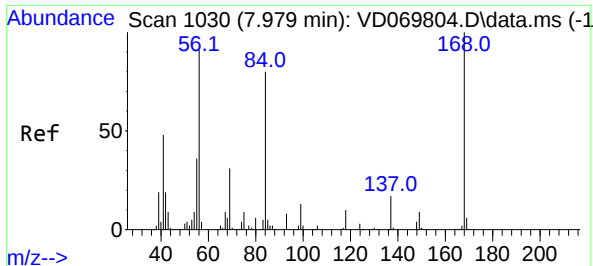
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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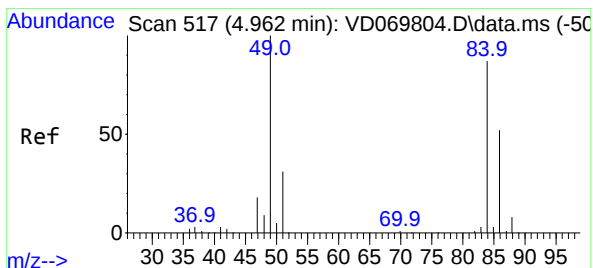
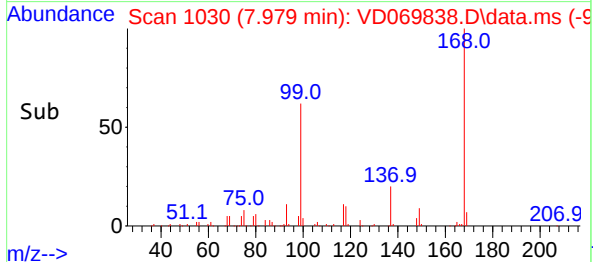
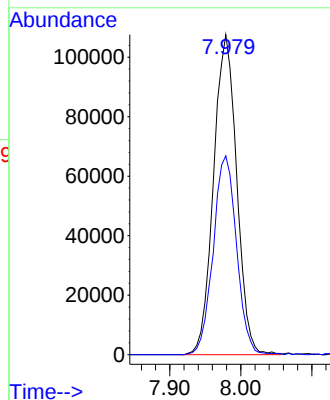
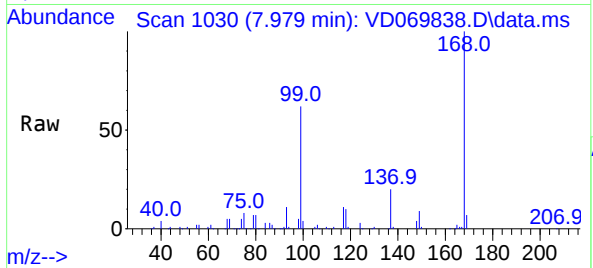




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069838.D
Acq: 23 Jul 2021 19:39

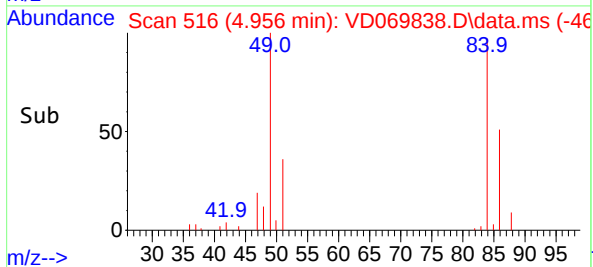
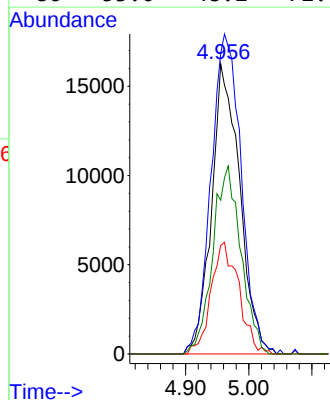
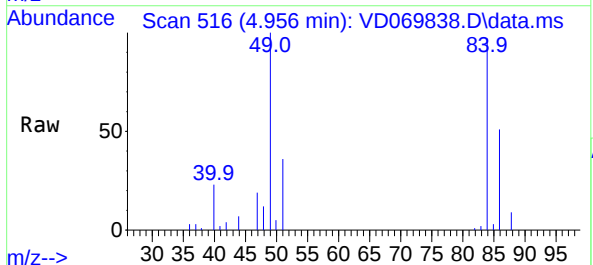
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-9

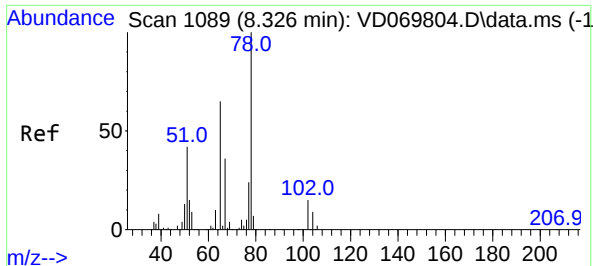
Tgt Ion:168 Resp: 243241
Ion Ratio Lower Upper
168 100
99 62.2 51.1 76.7



#20
Methylene Chloride
Concen: 8.471 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD069838.D
Acq: 23 Jul 2021 19:39

Tgt Ion: 84 Resp: 50215
Ion Ratio Lower Upper
84 100
49 103.6 92.4 138.6
51 37.4 28.5 42.7
86 53.0 48.2 72.4

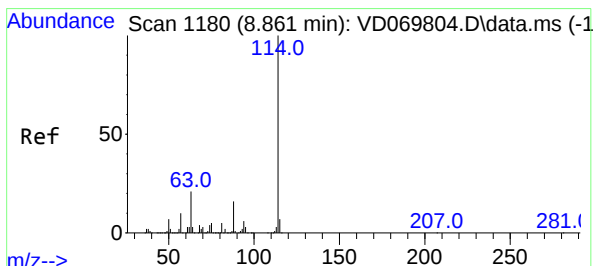
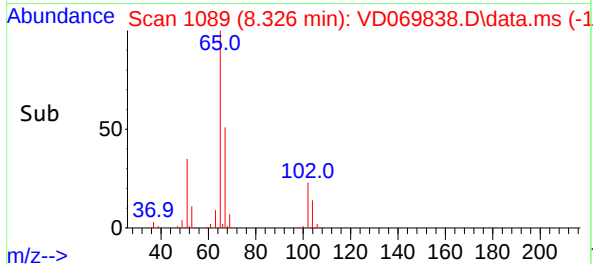
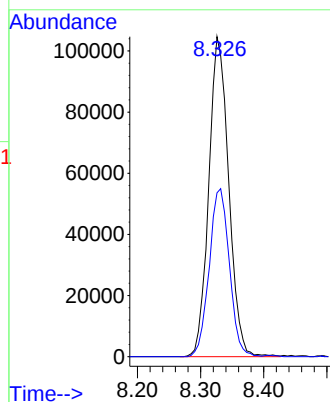
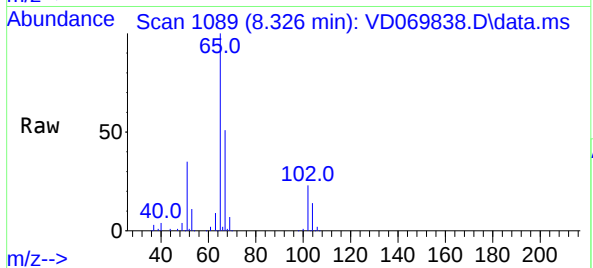




#33
1,2-Dichloroethane-d4
Concen: 82.039 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069838.D
Acq: 23 Jul 2021 19:39

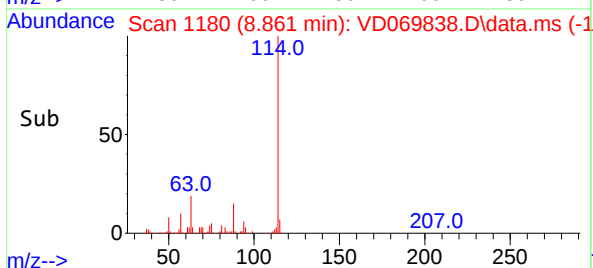
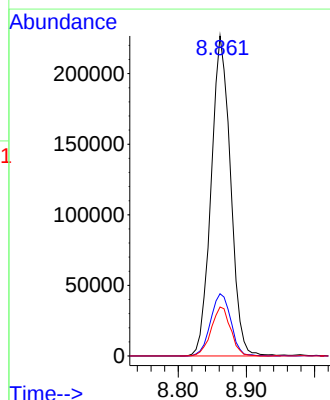
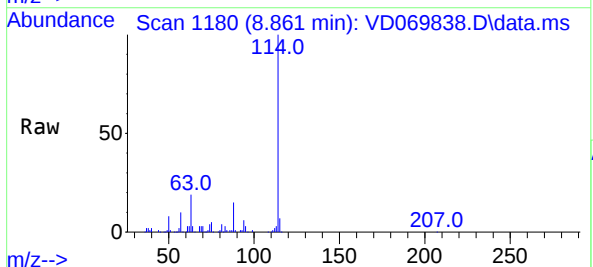
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-9

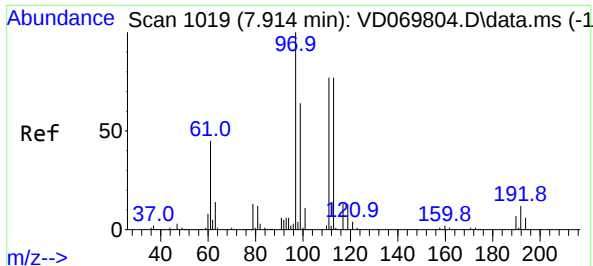
Tgt Ion: 65 Resp: 229503
Ion Ratio Lower Upper
65 100
67 53.1 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069838.D
Acq: 23 Jul 2021 19:39

Tgt Ion:114 Resp: 448883
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.3 0.0 31.4



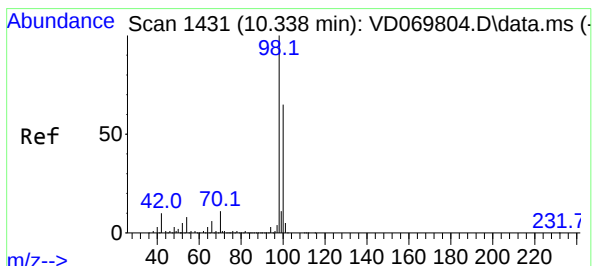
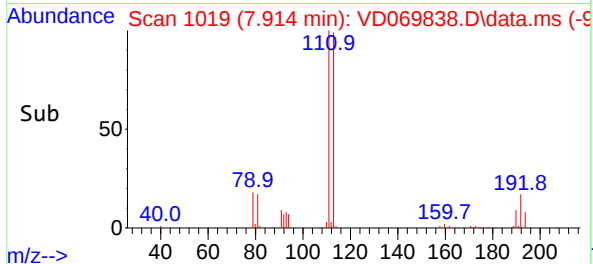
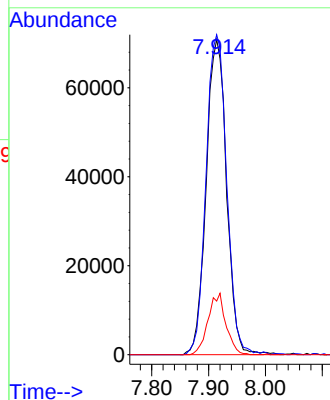
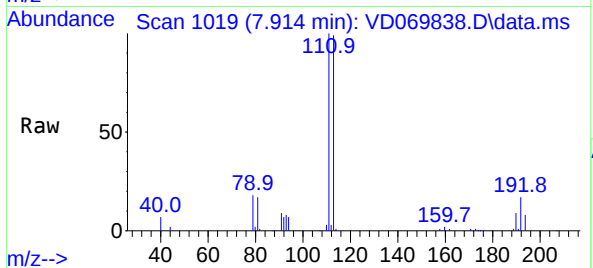


#35

Dibromofluoromethane
 Concen: 62.216 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VD069838.D
 Acq: 23 Jul 2021 19:39

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-9

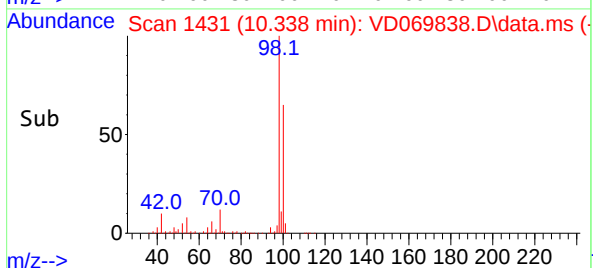
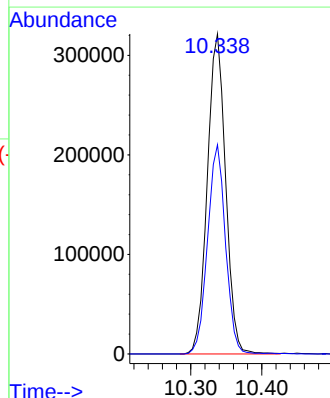
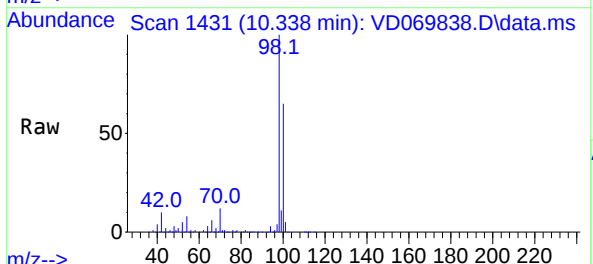
Tgt Ion:113 Resp: 176056
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.5 120.7
 192 17.1 12.6 19.0

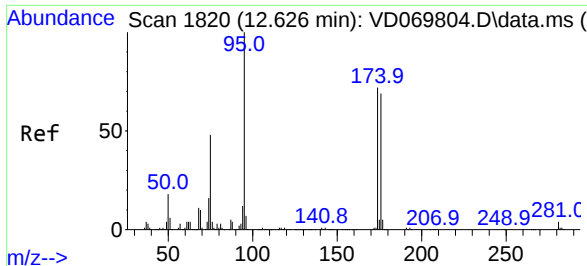


#50

Toluene-d8
 Concen: 52.790 ug/l
 RT: 10.338 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VD069838.D
 Acq: 23 Jul 2021 19:39

Tgt Ion: 98 Resp: 576017
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.9 77.9



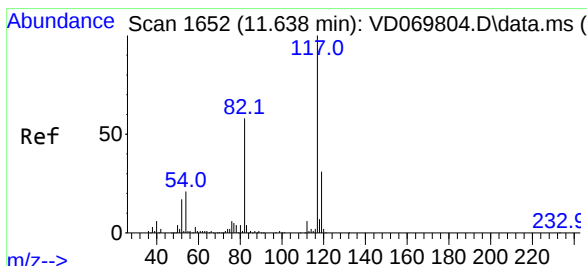
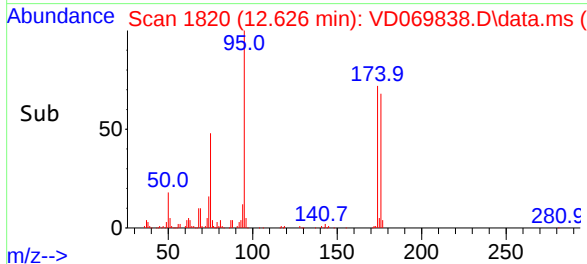
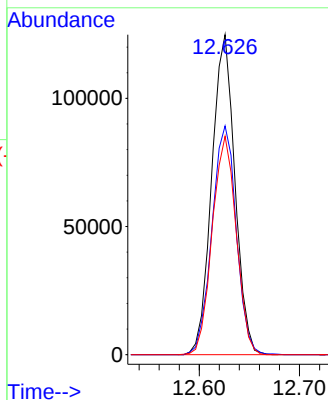
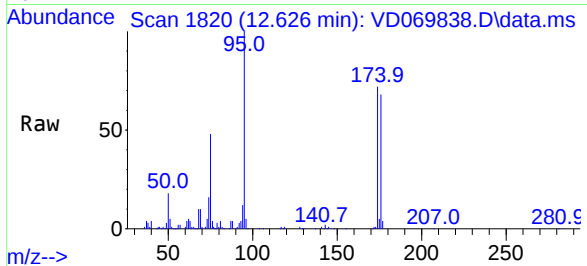


#62
4-Bromofluorobenzene
Concen: 54.853 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069838.D
Acq: 23 Jul 2021 19:39

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Tgt Ion: 95 Resp: 200028

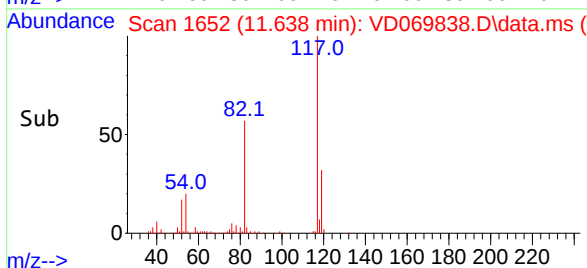
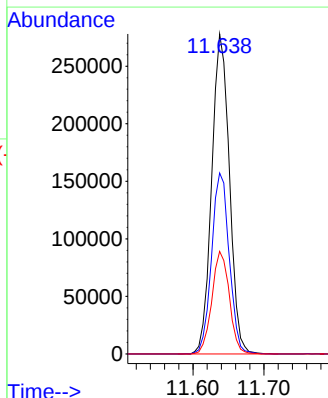
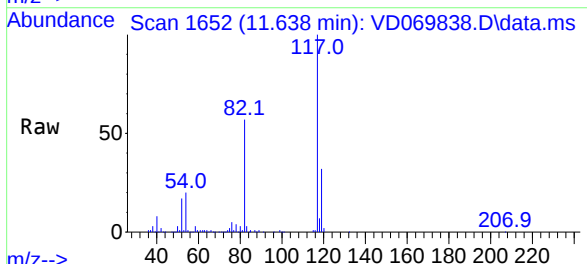
Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	142.6
176	70.7	0.0	134.2

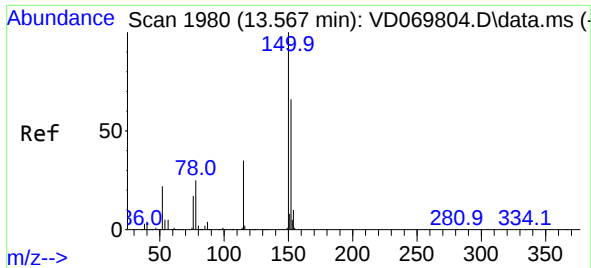


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069838.D
Acq: 23 Jul 2021 19:39

Tgt Ion: 117 Resp: 480145

Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.3	69.5
119	32.1	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: VD069838.D
 Acq: 23 Jul 2021 19:39

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:152 Resp: 208725
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.1 93.3
 150 153.1 0.0 343.0

