

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070036.D
 Acq On : 11 Aug 2021 21:21
 Operator : VA/SY
 Sample : M3331-11
 Misc : 6.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY1-SB-14-2-3

Quant Time: Aug 12 05:33:21 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)

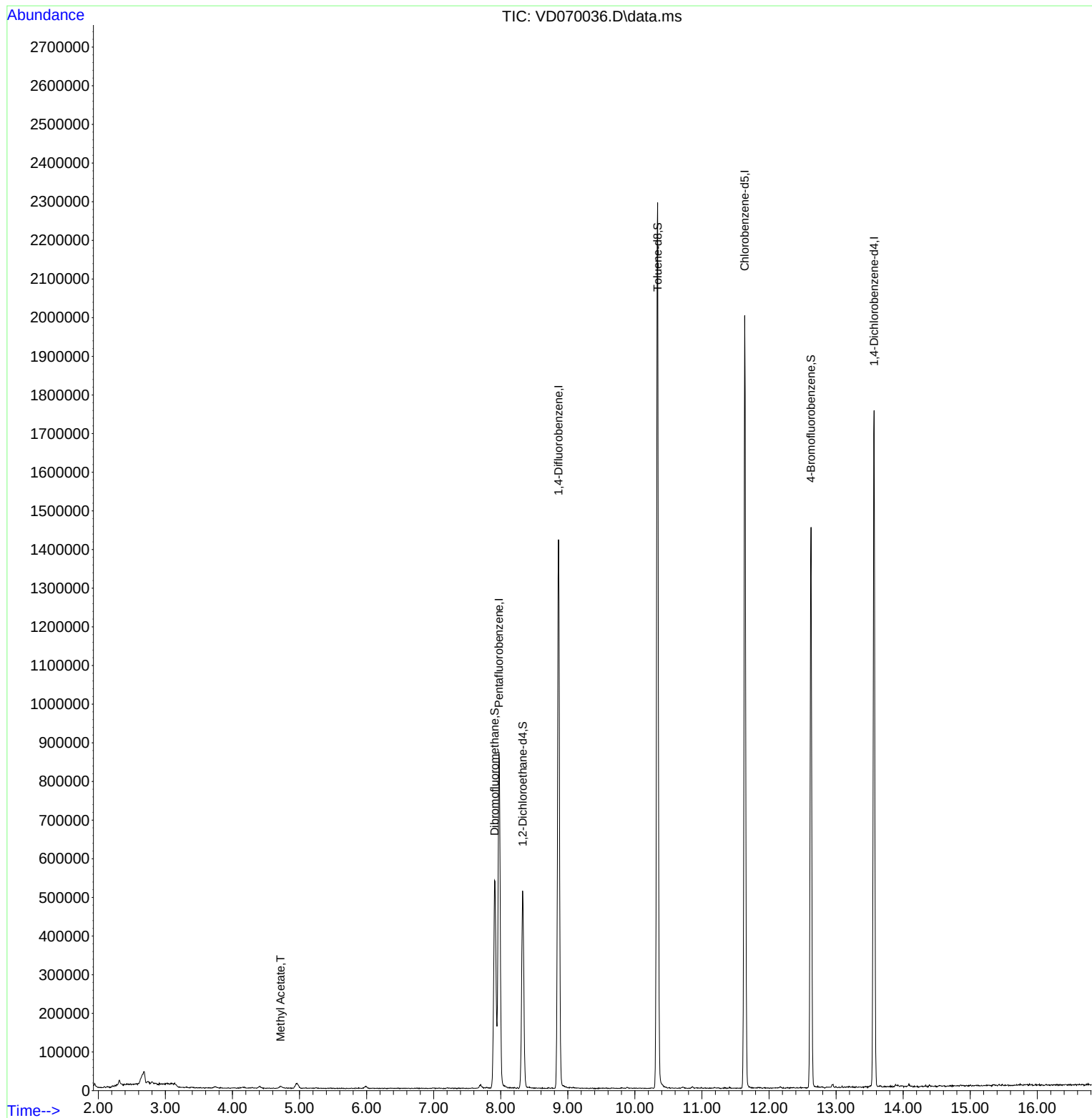
Internal Standards						
1) Pentafluorobenzene	7.973	168	617903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1218062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1147507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	458816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	403507	56.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.560%	
35) Dibromofluoromethane	7.909	113	405137	52.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.520%	
50) Toluene-d8	10.338	98	1589146	53.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.340%	
62) 4-Bromofluorobenzene	12.626	95	478446	48.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.700%	
Target Compounds						Qvalue
18) Methyl Acetate	4.715	43	10256	2.753	ug/l	94

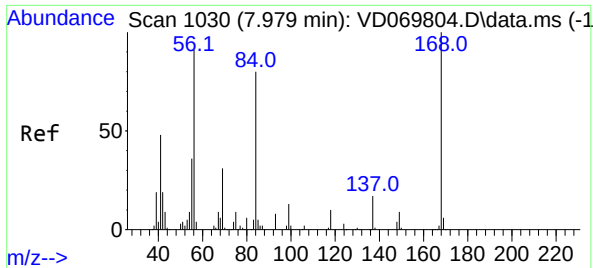
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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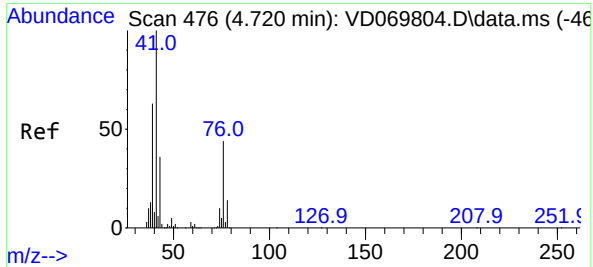
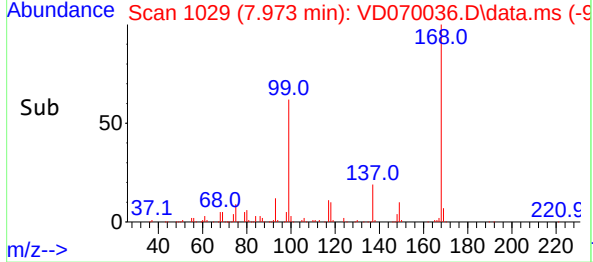
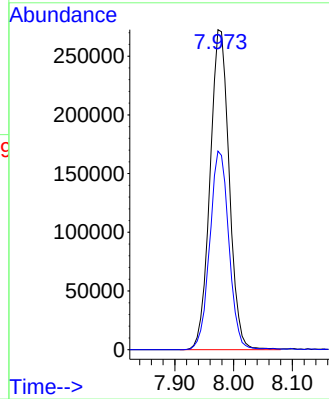
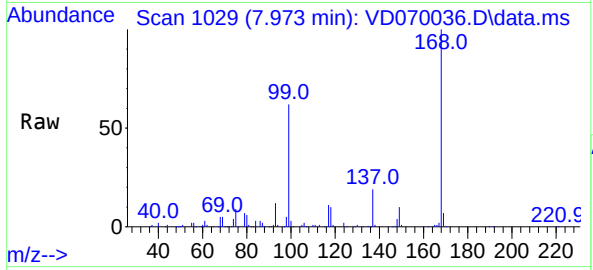




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070036.D
Acq: 11 Aug 2021 21:21

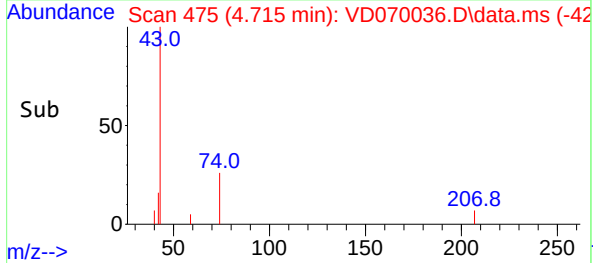
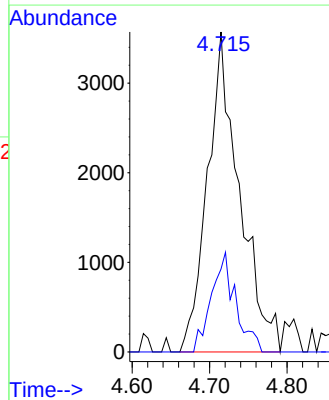
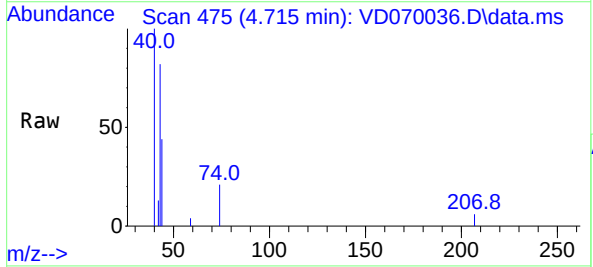
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-2-3

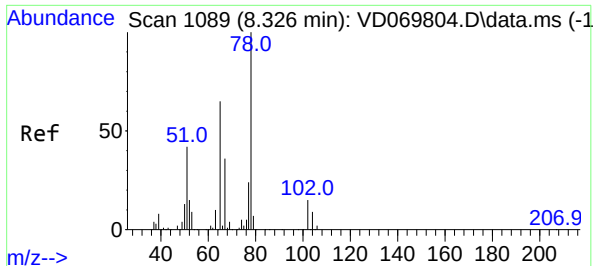
Tgt Ion:168 Resp: 617903
Ion Ratio Lower Upper
168 100
99 62.1 51.1 76.7



#18
Methyl Acetate
Concen: 2.753 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD070036.D
Acq: 11 Aug 2021 21:21

Tgt Ion: 43 Resp: 10256
Ion Ratio Lower Upper
43 100
74 23.6 21.4 32.2

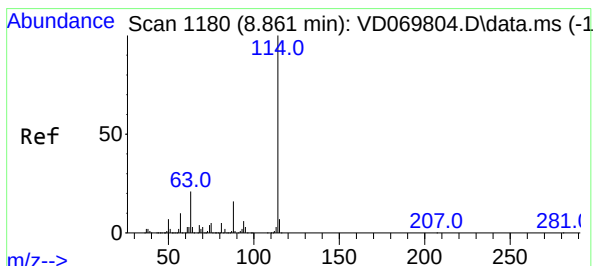
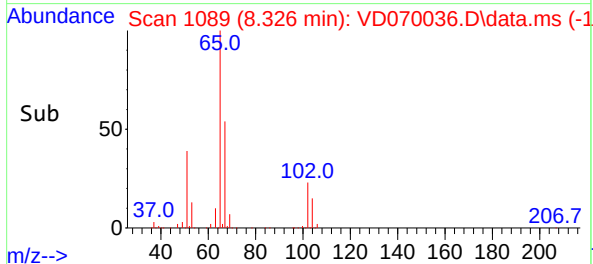
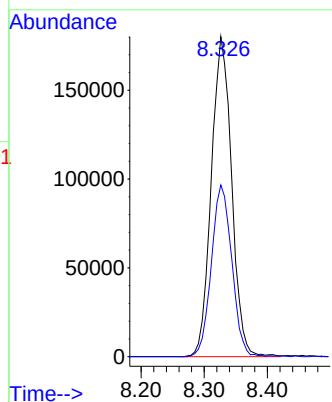
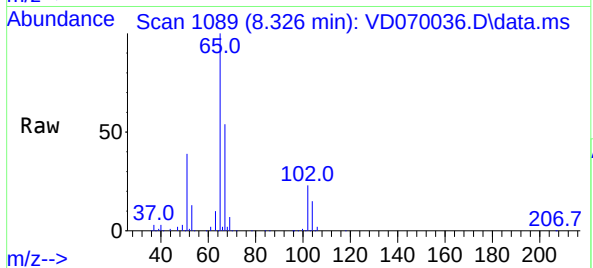




#33
1,2-Dichloroethane-d4
Concen: 56.780 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070036.D
Acq: 11 Aug 2021 21:21

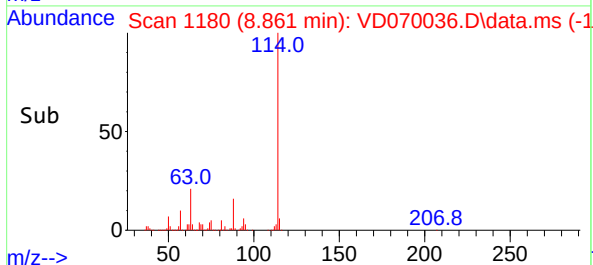
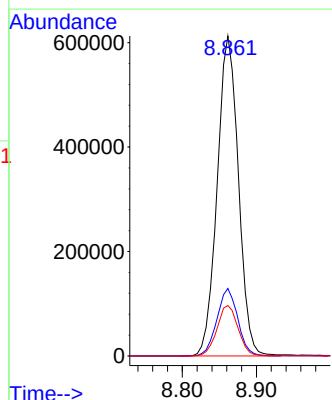
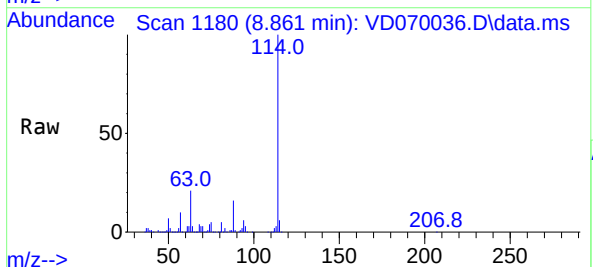
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-2-3

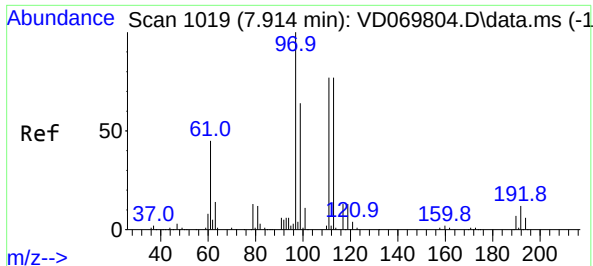
Tgt Ion: 65 Resp: 403507
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070036.D
Acq: 11 Aug 2021 21:21

Tgt Ion:114 Resp: 1218062
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.6
88 15.7 0.0 31.4



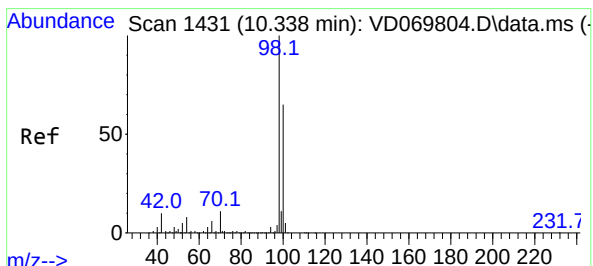
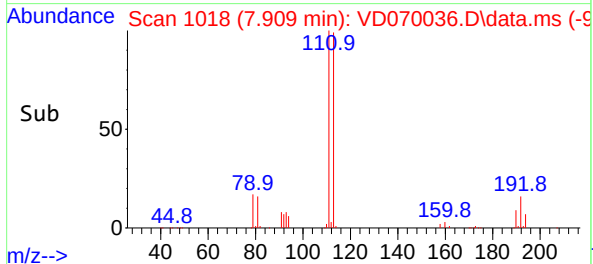
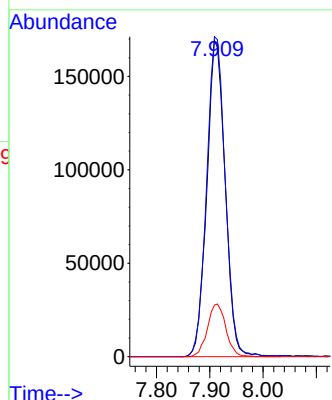
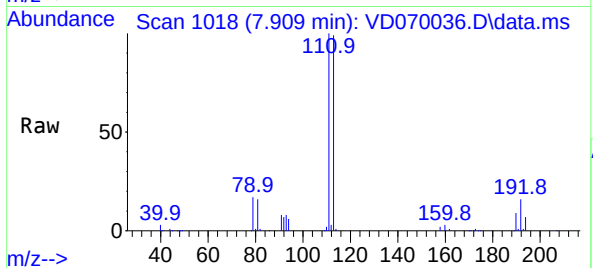


#35

Dibromofluoromethane
Concen: 52.761 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070036.D
Acq: 11 Aug 2021 21:21

Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-2-3

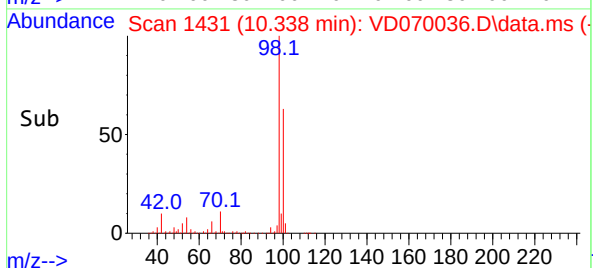
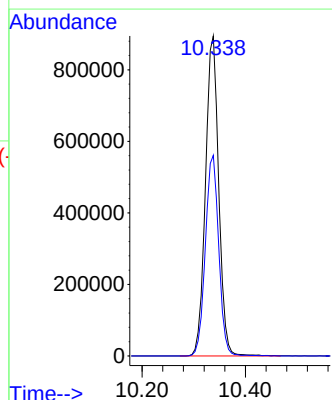
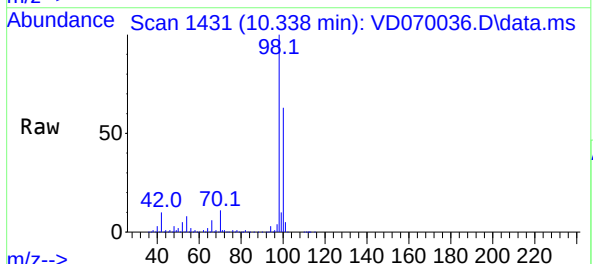
Tgt Ion:113 Resp: 405137
Ion Ratio Lower Upper
113 100
111 102.9 80.5 120.7
192 16.8 12.6 19.0

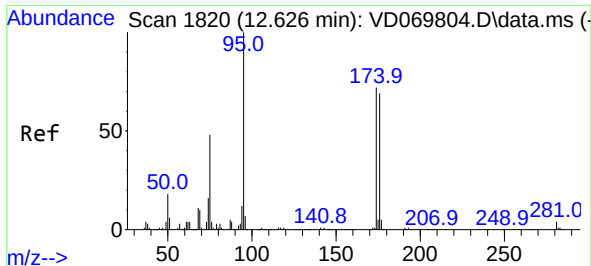


#50

Toluene-d8
Concen: 53.672 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070036.D
Acq: 11 Aug 2021 21:21

Tgt Ion: 98 Resp: 1589146
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

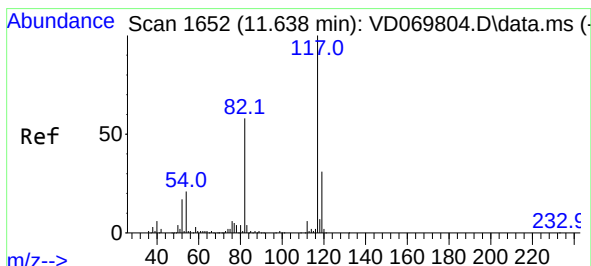
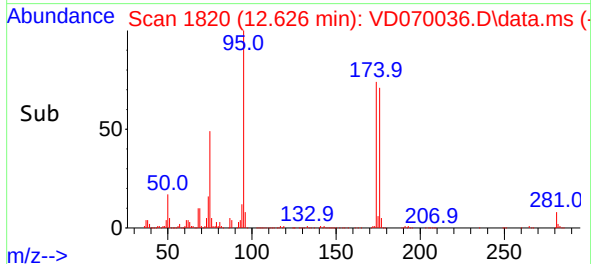
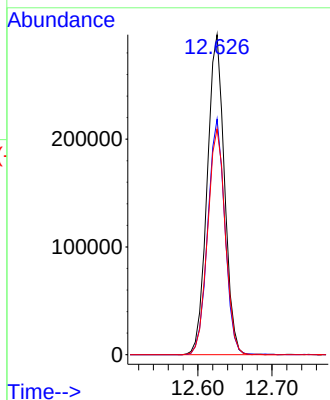
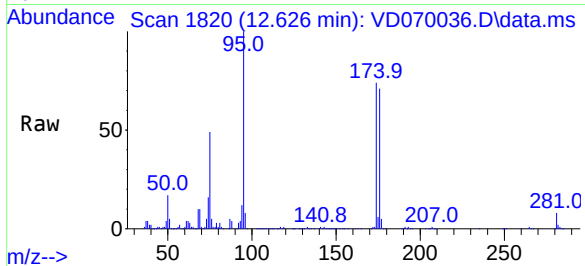




#62
4-Bromofluorobenzene
Concen: 48.351 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070036.D
Acq: 11 Aug 2021 21:21

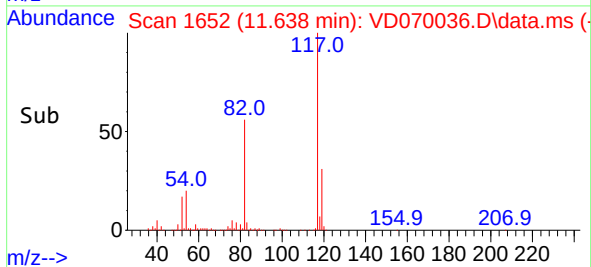
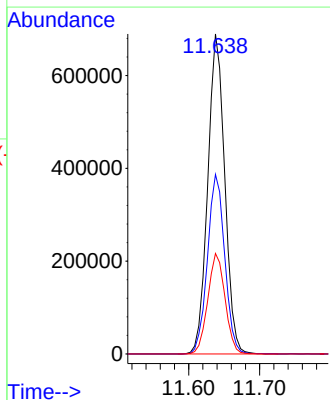
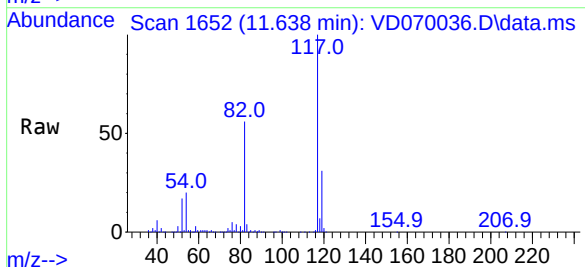
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-2-3

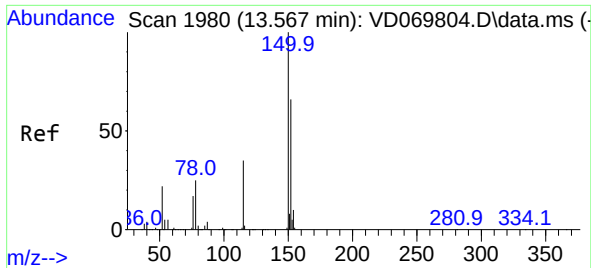
Tgt Ion: 95 Resp: 478446
Ion Ratio Lower Upper
95 100
174 72.7 0.0 142.6
176 72.1 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070036.D
Acq: 11 Aug 2021 21:21

Tgt Ion: 117 Resp: 1147507
Ion Ratio Lower Upper
117 100
82 56.1 46.3 69.5
119 31.4 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: VD070036.D
 Acq: 11 Aug 2021 21:21

Instrument :
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 ClientSampleId :
 BSY1-SB-14-2-3

Tgt Ion:	152	Resp:	458816
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.1	93.3
150	158.8	0.0	343.0

