

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071384.D
 Acq On : 17 Dec 2021 16:41
 Operator : VA/SY
 Sample : M5147-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-210

Quant Time: Dec 19 01:53:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

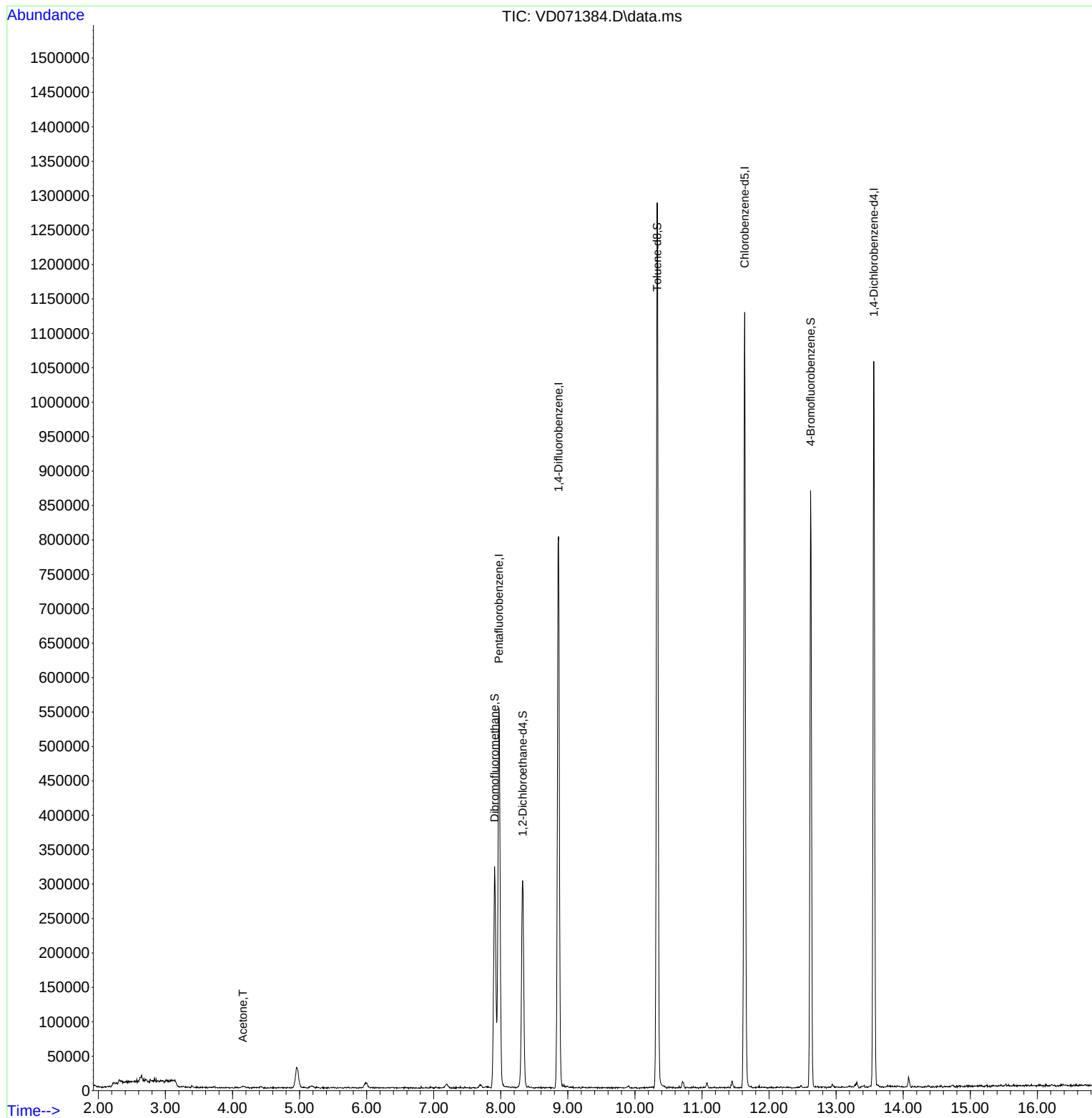
Internal Standards						
1) Pentafluorobenzene	7.973	168	380404	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	651985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	582244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	242351	54.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.580%	
35) Dibromofluoromethane	7.908	113	216819	52.223	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.440%	
50) Toluene-d8	10.332	98	828158	52.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.620	95	254476	46.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.920%	
Target Compounds						
16) Acetone	4.156	43	4292	33.971	ug/l	Qvalue # 40

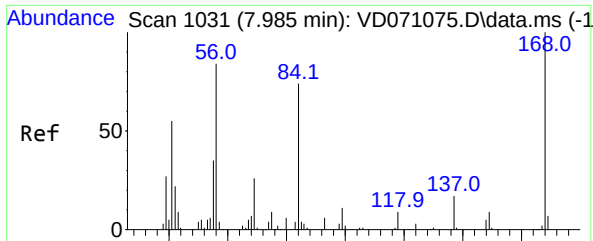
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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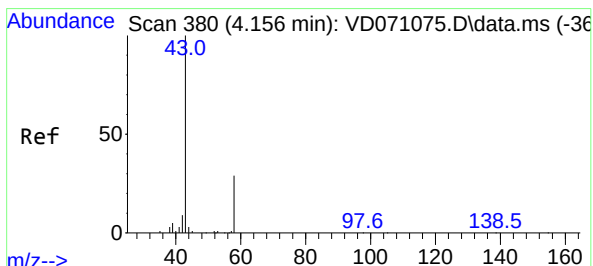
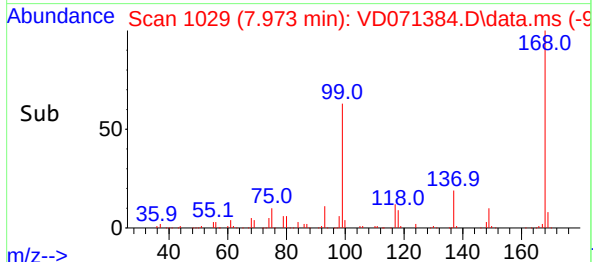
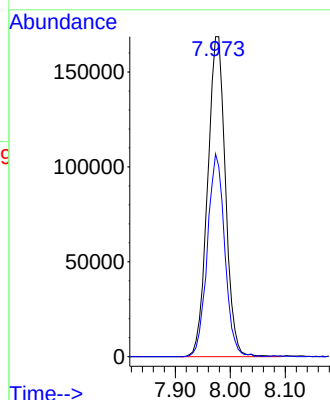
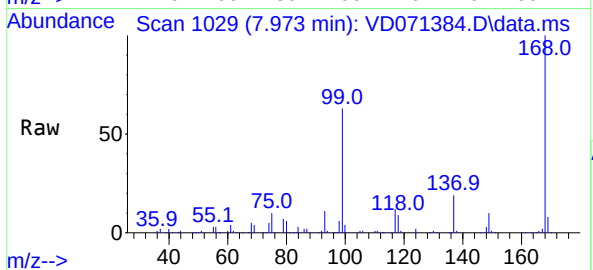




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071384.D
Acq: 17 Dec 2021 16:41

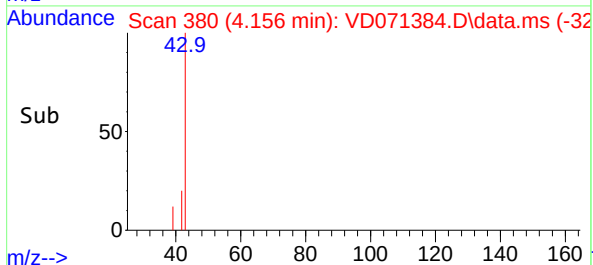
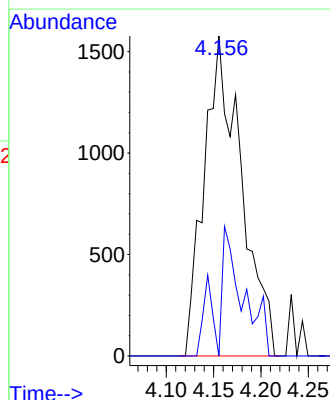
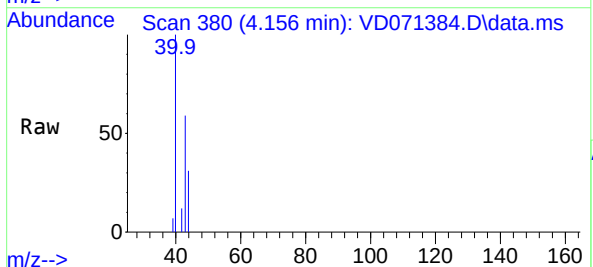
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

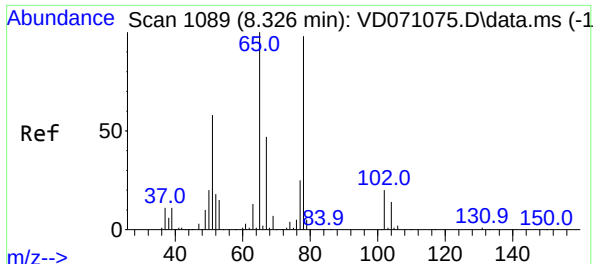
Tgt Ion:168 Resp: 380404
Ion Ratio Lower Upper
168 100
99 63.4 46.6 69.8



#16
Acetone
Concen: 33.971 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071384.D
Acq: 17 Dec 2021 16:41

Tgt Ion: 43 Resp: 4292
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

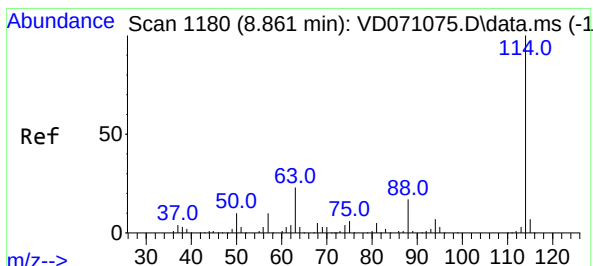
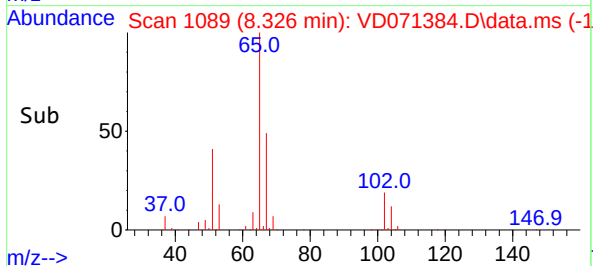
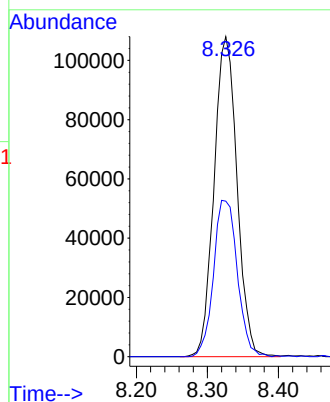
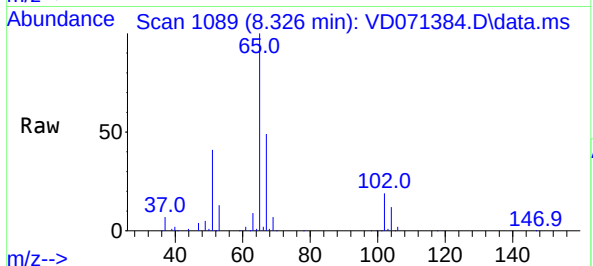




#33
1,2-Dichloroethane-d4
Concen: 54.295 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071384.D
Acq: 17 Dec 2021 16:41

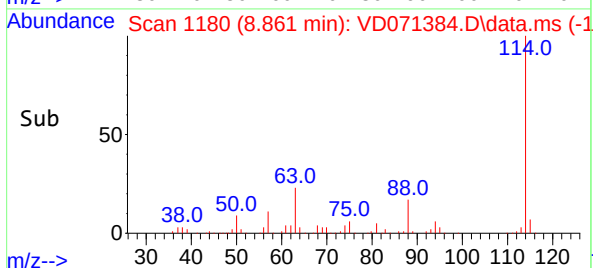
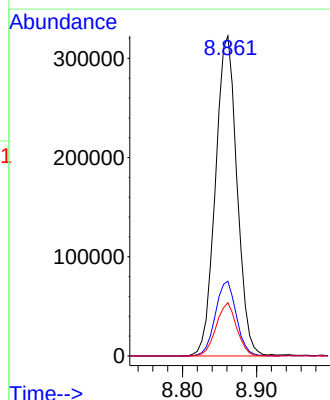
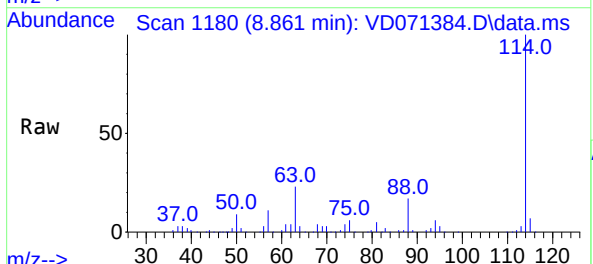
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

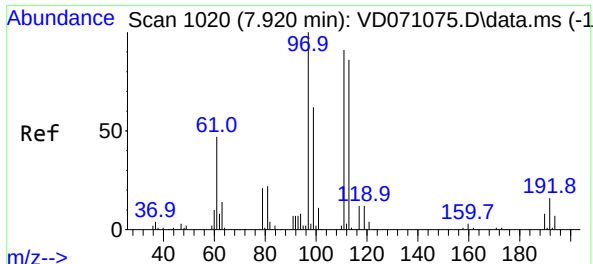
Tgt Ion: 65 Resp: 242351
Ion Ratio Lower Upper
65 100
67 50.6 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071384.D
Acq: 17 Dec 2021 16:41

Tgt Ion: 114 Resp: 651985
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.8
88 16.7 0.0 32.8

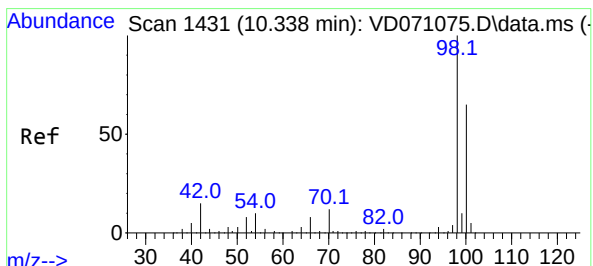
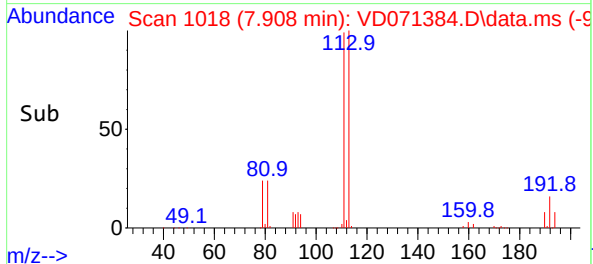
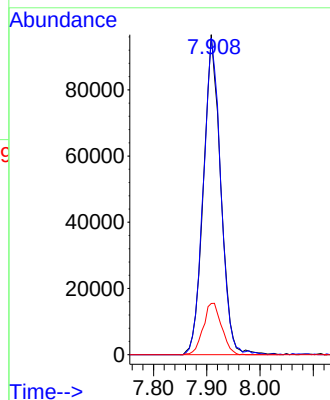
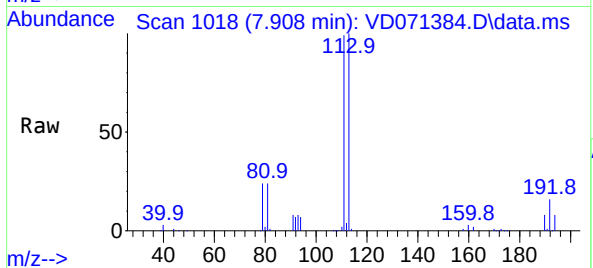




#35
Dibromofluoromethane
Concen: 52.223 ug/l
RT: 7.908 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD071384.D
Acq: 17 Dec 2021 16:41

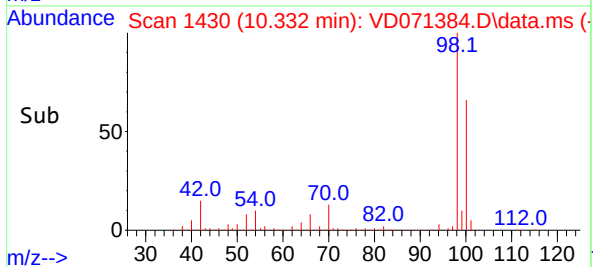
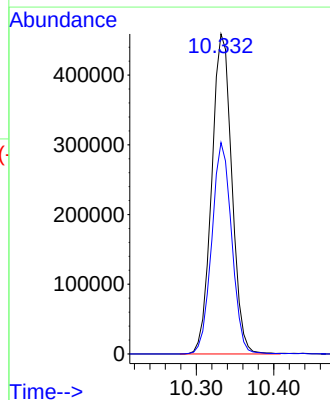
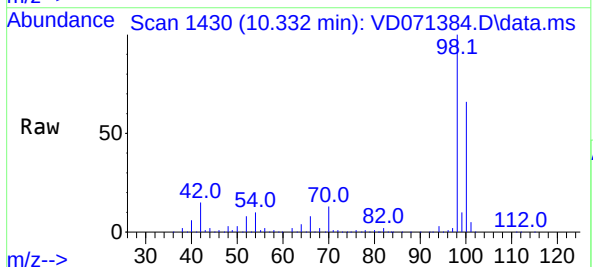
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

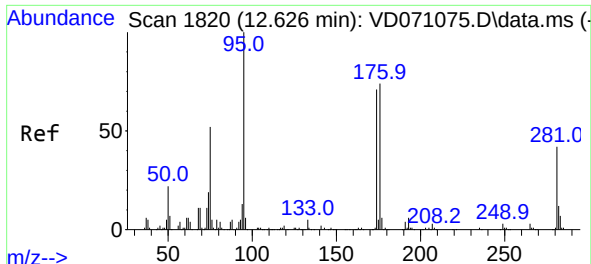
Tgt Ion:113 Resp: 216819
Ion Ratio Lower Upper
113 100
111 100.2 82.0 123.0
192 17.2 15.2 22.8



#50
Toluene-d8
Concen: 52.416 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071384.D
Acq: 17 Dec 2021 16:41

Tgt Ion: 98 Resp: 828158
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

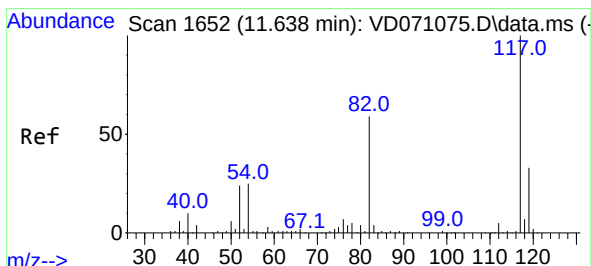
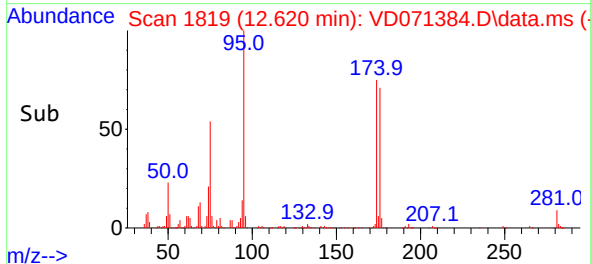
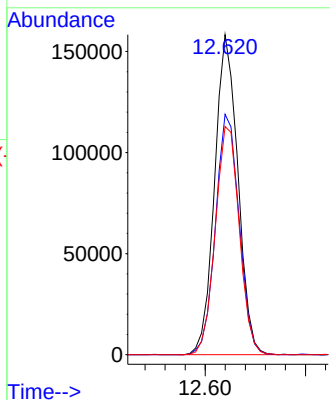
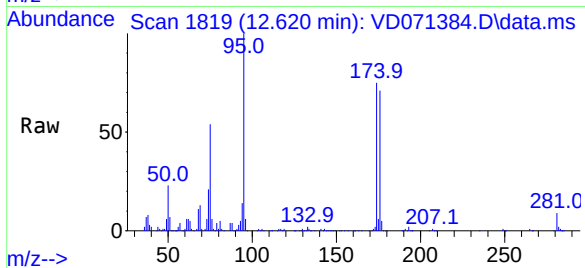




#62
4-Bromofluorobenzene
Concen: 46.465 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071384.D
Acq: 17 Dec 2021 16:41

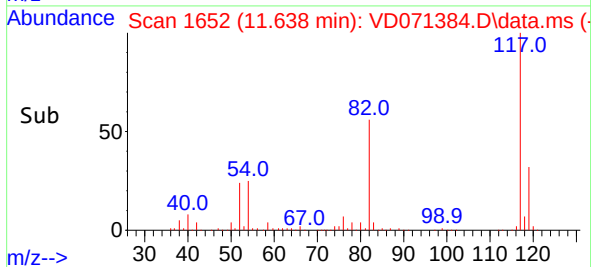
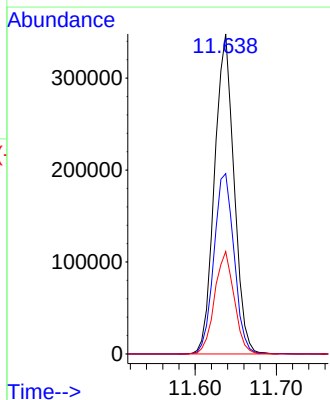
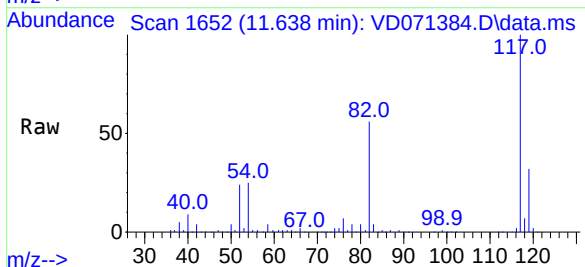
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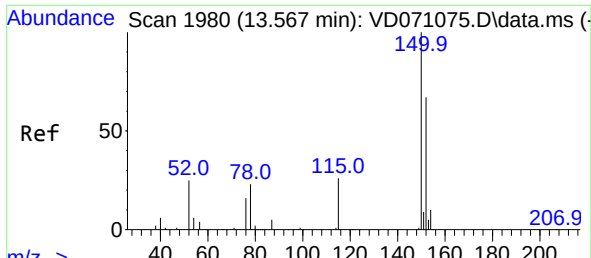
Tgt Ion: 95 Resp: 254476
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 73.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071384.D
Acq: 17 Dec 2021 16:41

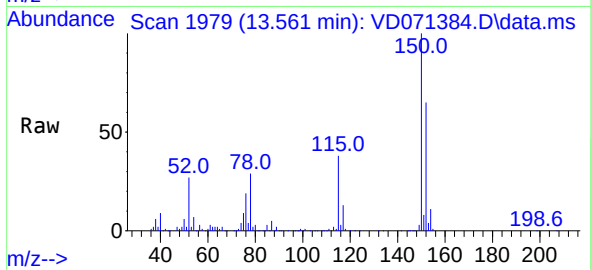
Tgt Ion: 117 Resp: 582244
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 32.0 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD071384.D
 Acq: 17 Dec 2021 16:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-210



Tgt Ion:152 Resp: 248338

Ion	Ratio	Lower	Upper
152	100		
115	61.6	29.8	89.3
150	158.6	0.0	349.2

