

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068937.D
 Acq On : 14 Oct 2021 20:27
 Operator : JC/MD
 Sample : M4192-09
 Misc : 5.07g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-10

Quant Time: Oct 14 22:51:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

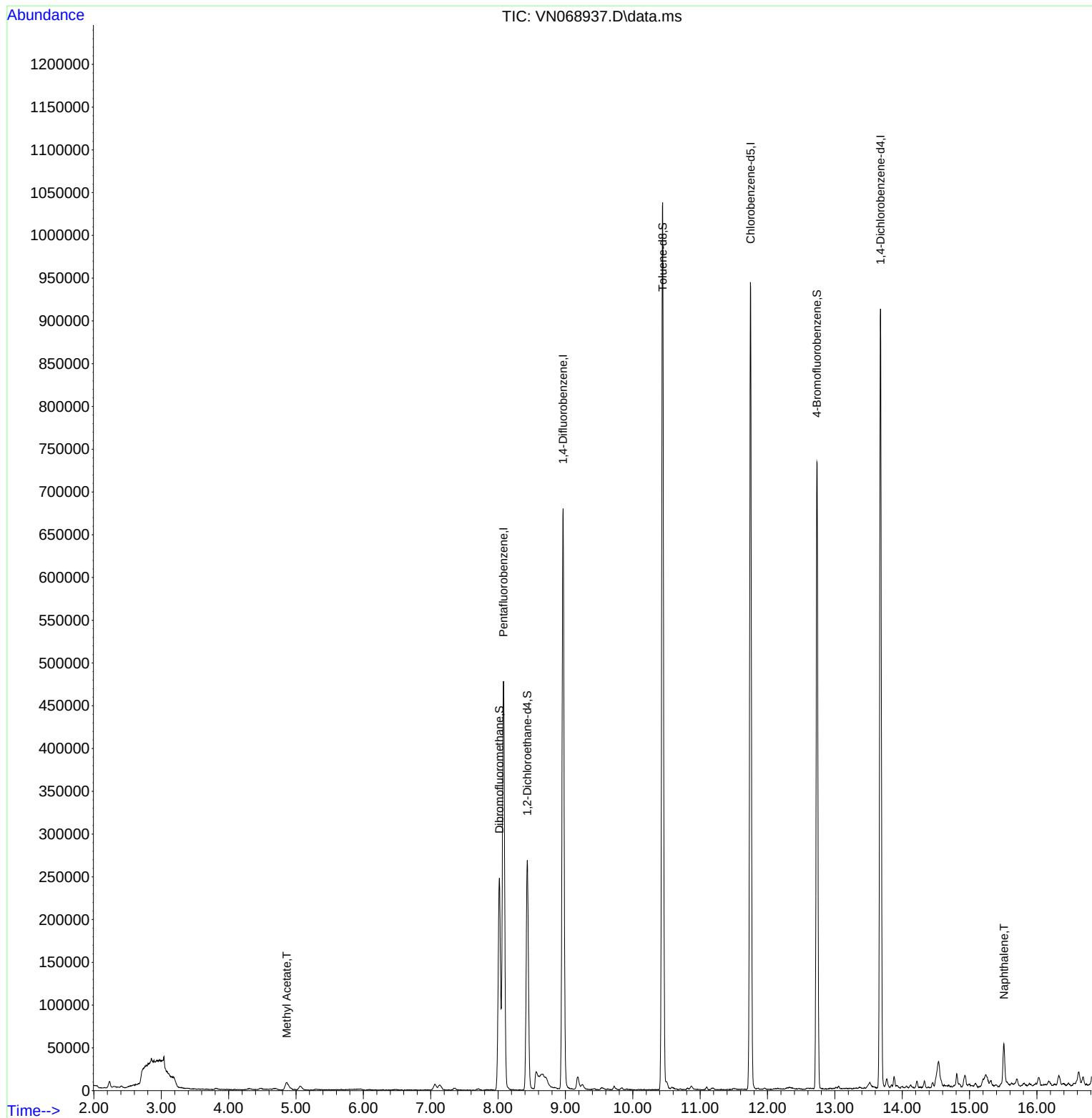
Internal Standards						
1) Pentafluorobenzene	8.080	168	380136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	621351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	561724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	246337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	223939	44.681	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.360%
35) Dibromofluoromethane	8.019	113	183657	50.803	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.600%
50) Toluene-d8	10.443	98	755032	52.199	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.733	95	265668	48.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.360%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.865	43	24372	3.435	ug/l #	89
95) Naphthalene	15.509	128	47519	7.651	ug/l	99

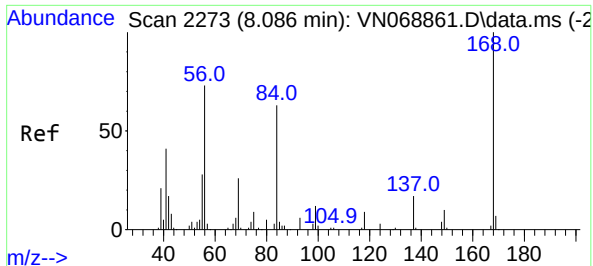
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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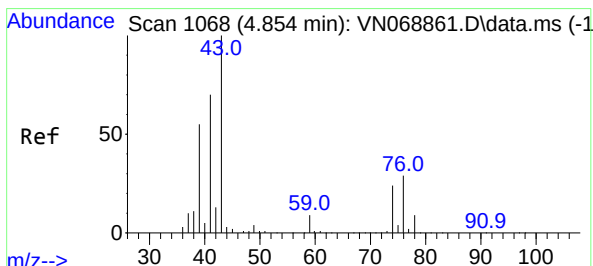
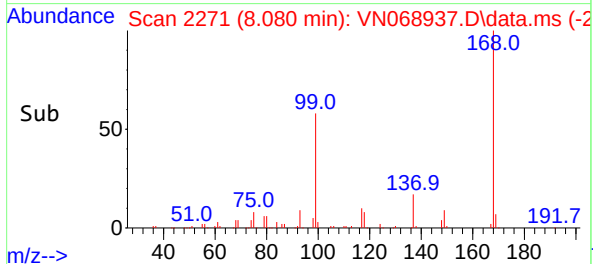
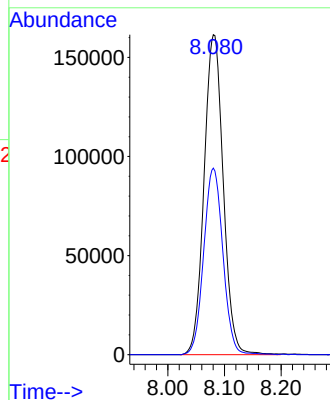
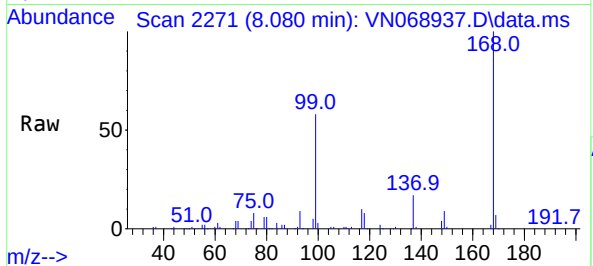




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

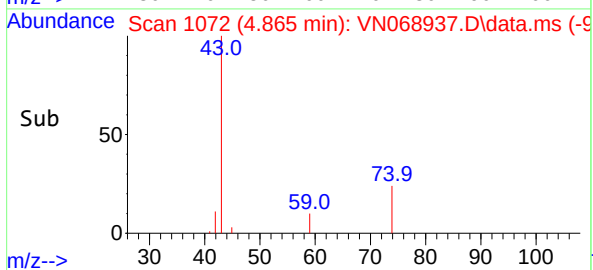
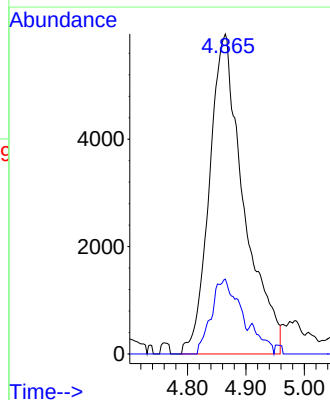
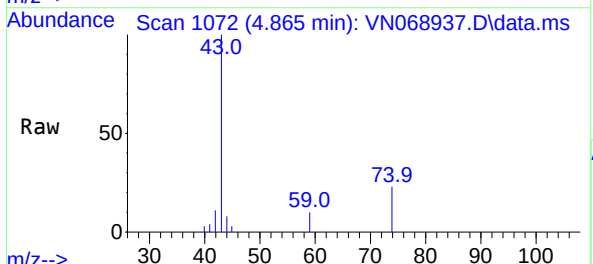
Instrument :
MSVOA_N
ClientSampled :
HAR-10

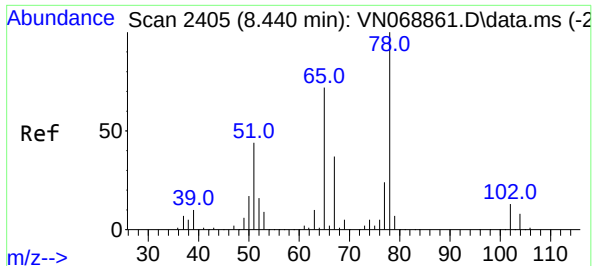
Tgt Ion:168 Resp: 380136
Ion Ratio Lower Upper
168 100
99 58.3 48.9 73.3



#18
Methyl Acetate
Concen: 3.435 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 43 Resp: 24372
Ion Ratio Lower Upper
43 100
74 18.3 18.9 28.3#



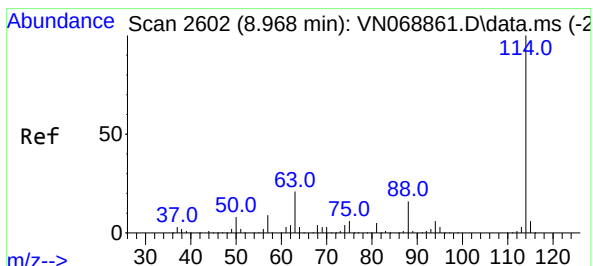
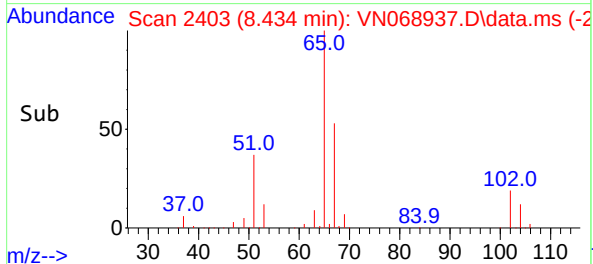
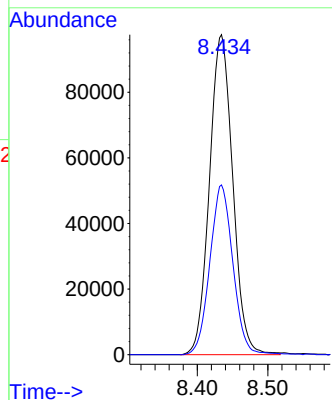
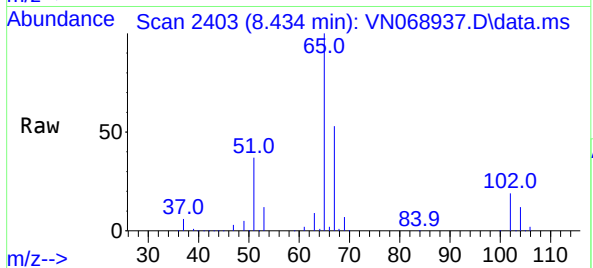


#33

1,2-Dichloroethane-d4
Concen: 44.681 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.005 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Instrument :
MSVOA_N
ClientSampled :
HAR-10

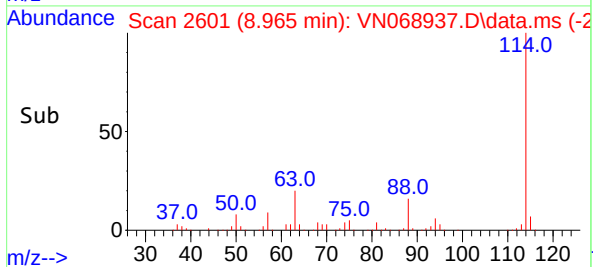
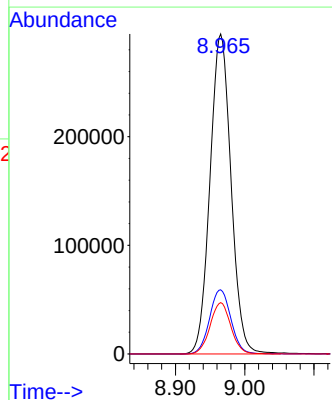
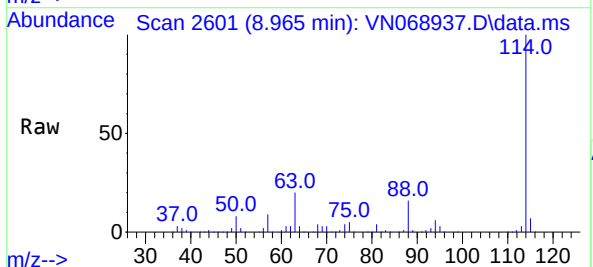
Tgt Ion: 65 Resp: 223939
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8

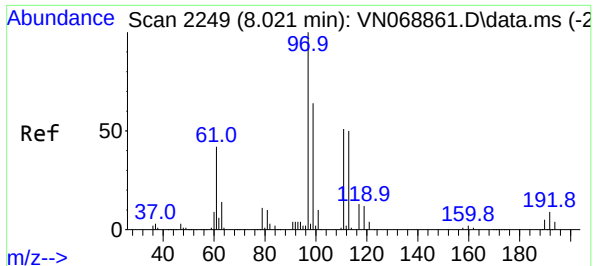


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 114 Resp: 621351
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 16.1 0.0 32.0

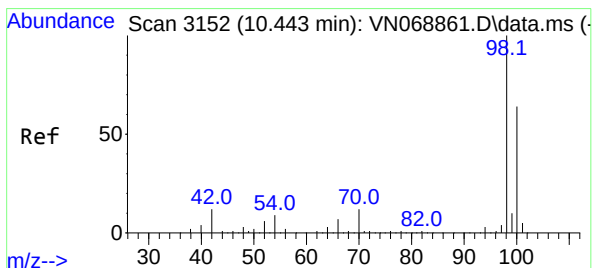
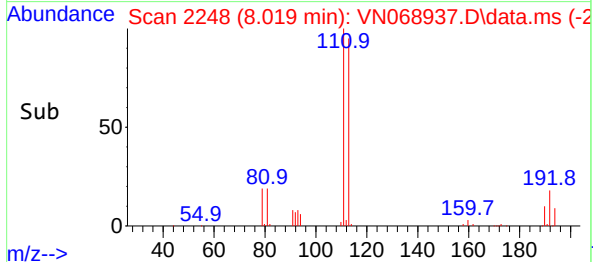
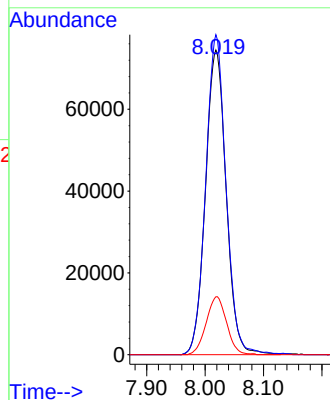
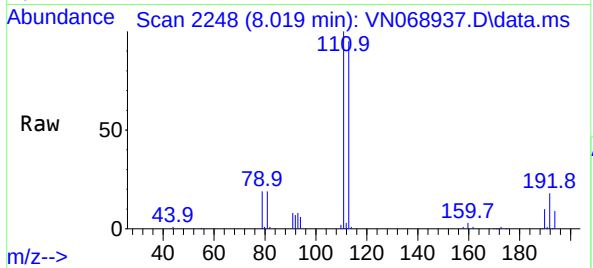




#35
Dibromofluoromethane
Concen: 50.803 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

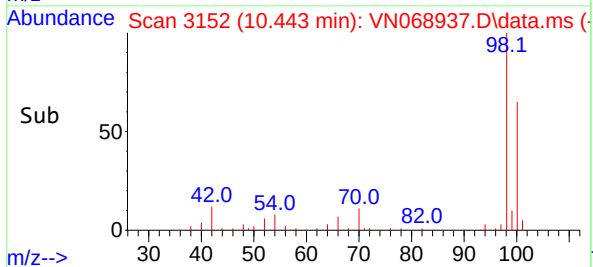
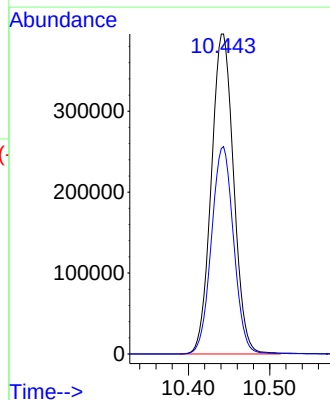
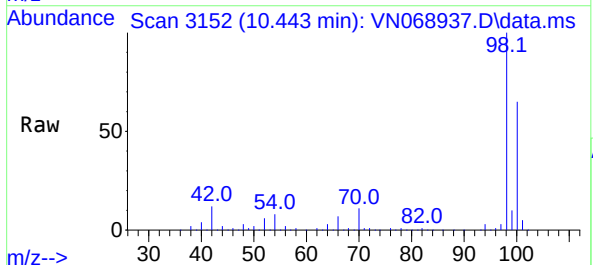
Instrument :
MSVOA_N
ClientSampled :
HAR-10

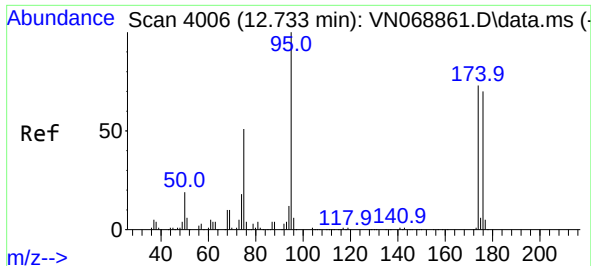
Tgt Ion:113 Resp: 183657
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 18.8 15.0 22.4



#50
Toluene-d8
Concen: 52.199 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 98 Resp: 755032
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



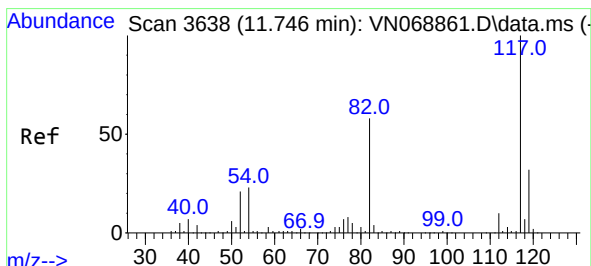
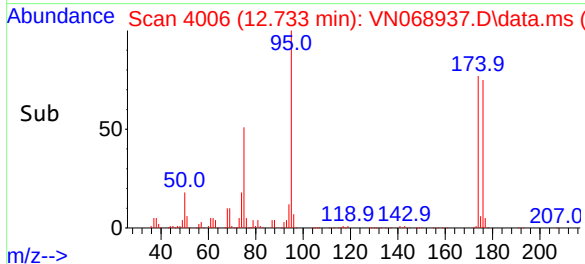
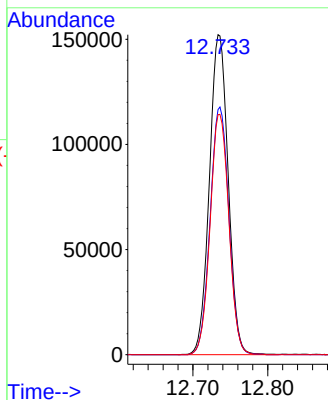
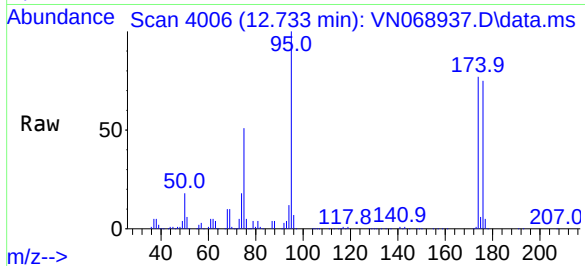


#62
4-Bromofluorobenzene
Concen: 48.681 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :
HAR-10

Tgt Ion: 95 Resp: 265668

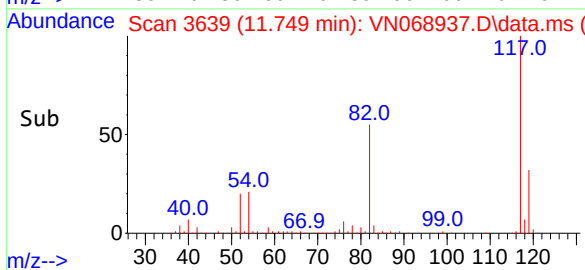
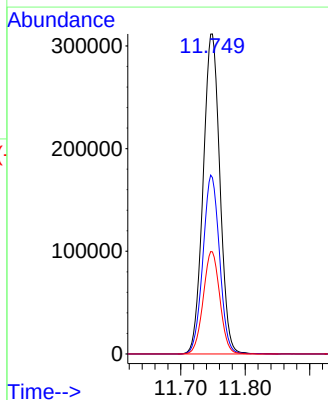
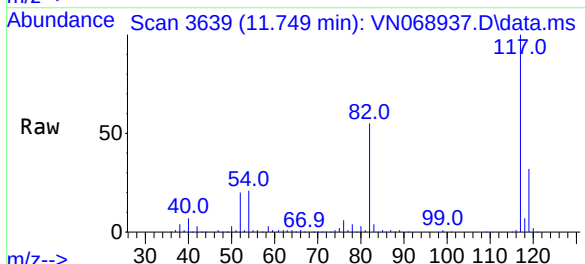
Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	144.8
176	74.9	0.0	140.0

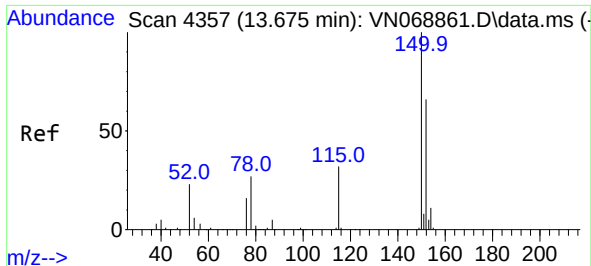


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 117 Resp: 561724

Ion	Ratio	Lower	Upper
117	100		
82	55.1	46.4	69.6
119	31.9	26.0	39.0

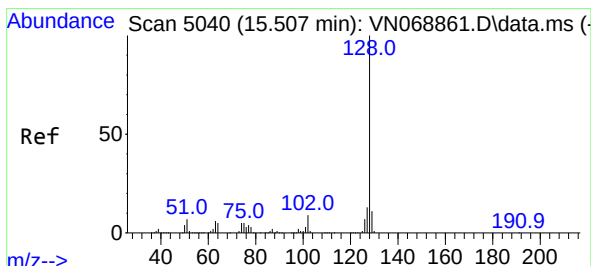
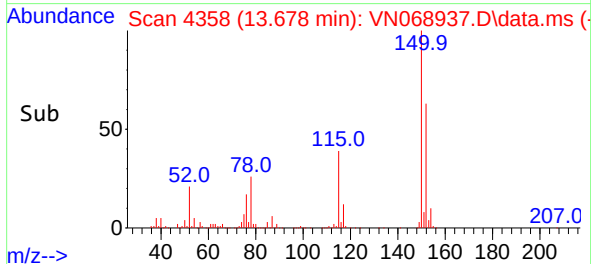
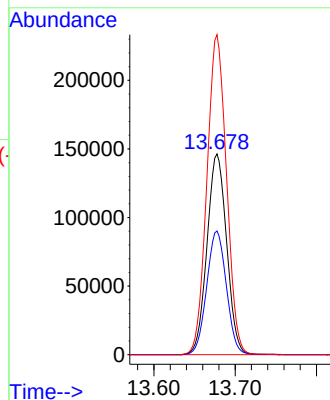
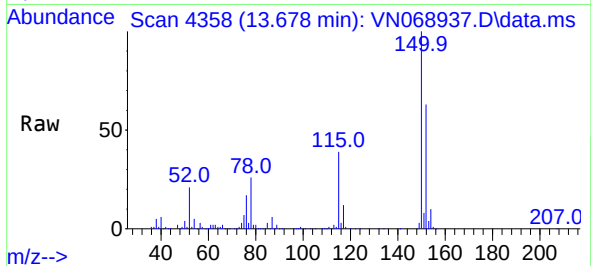




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Instrument :
MSVOA_N
ClientSampled :
HAR-10

Tgt Ion:152 Resp: 246337
Ion Ratio Lower Upper
152 100
115 61.6 31.4 94.3
150 158.7 0.0 351.0



#95
Naphthalene
Concen: 7.651 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion:128 Resp: 47519
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.8 8.9 13.3

