

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068256.D
 Acq On : 20 Aug 2021 19:45
 Operator : JC/MD
 Sample : M3489-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2-GROWS

Quant Time: Aug 21 00:00:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

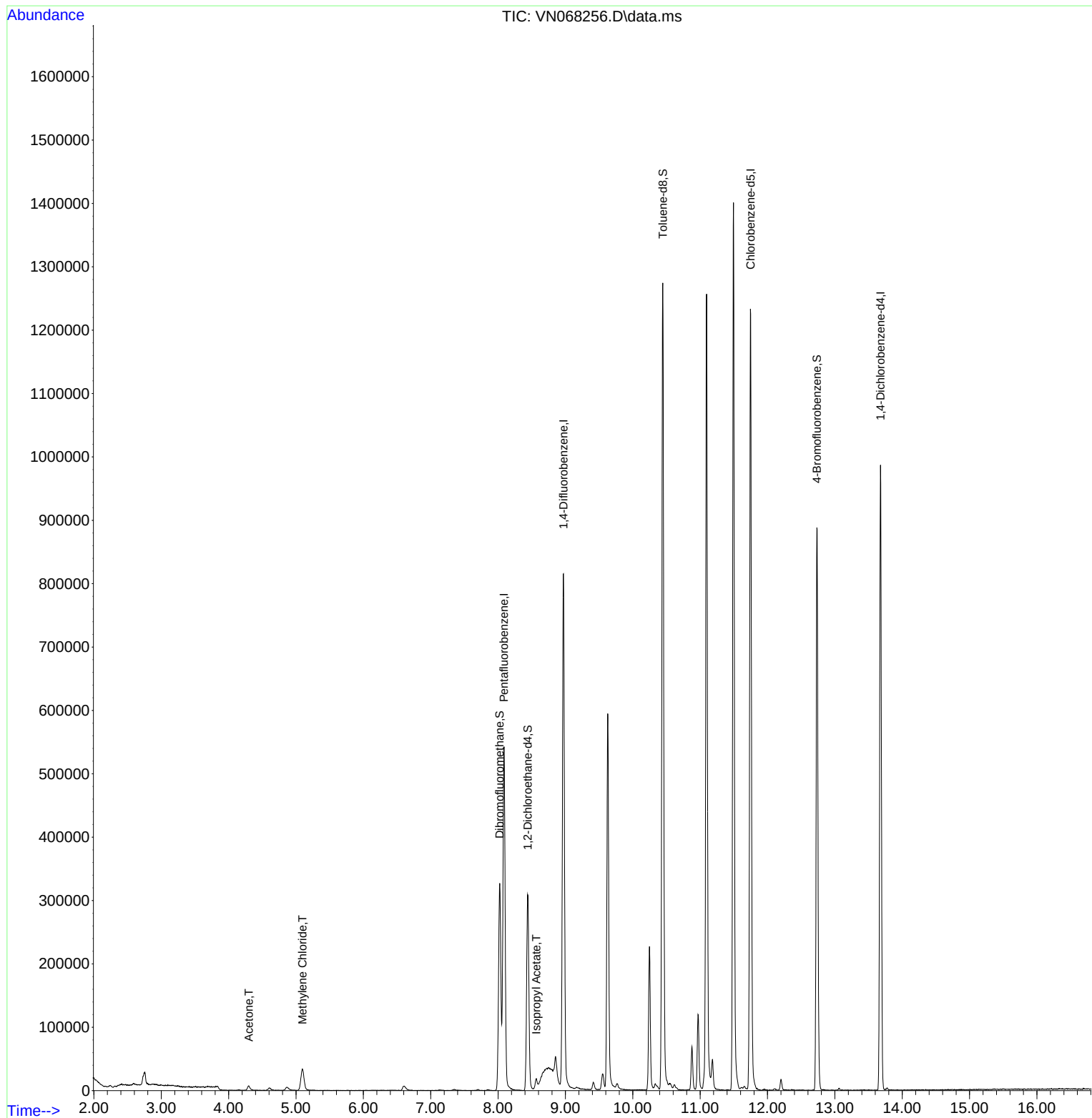
Internal Standards						
1) Pentafluorobenzene	8.088	168	449912	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	780706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	806300	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	298357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	261264	54.387	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.780%	
35) Dibromofluoromethane	8.024	113	239032	48.767	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.540%	
50) Toluene-d8	10.446	98	960512	51.429	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.733	95	301691	48.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	12299	8.769	ug/l	# 82
20) Methylene Chloride	5.095	84	30338	5.945	ug/l	# 79
43) Isopropyl Acetate	8.568	43	19228	2.208	ug/l	# 93

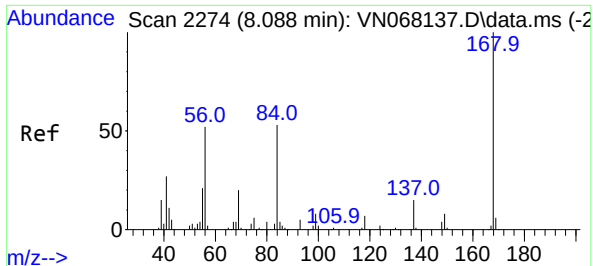
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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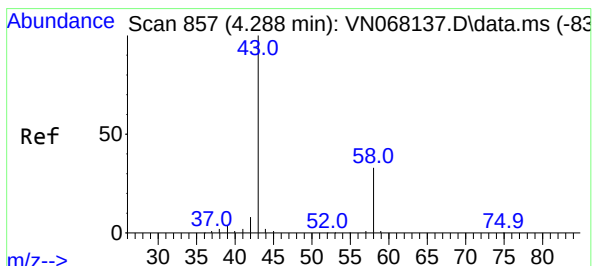
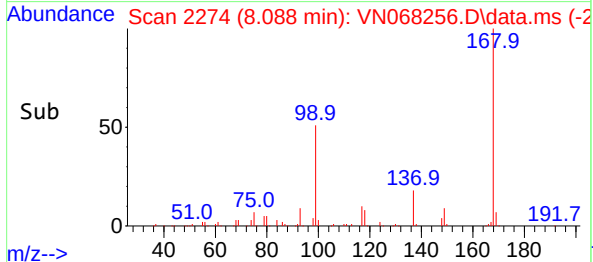
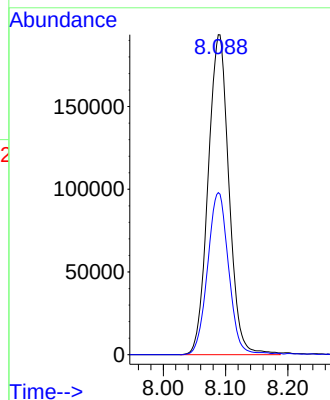
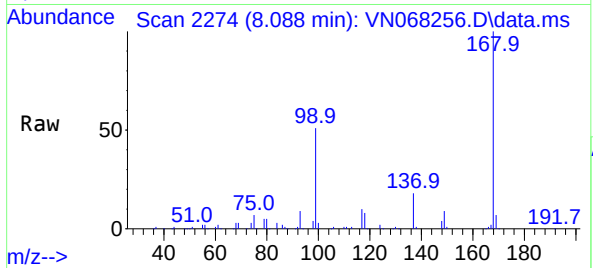




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

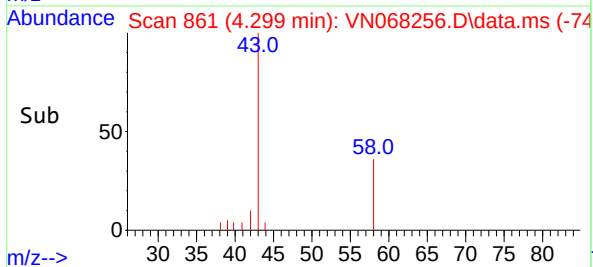
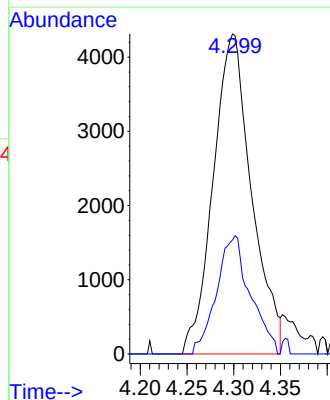
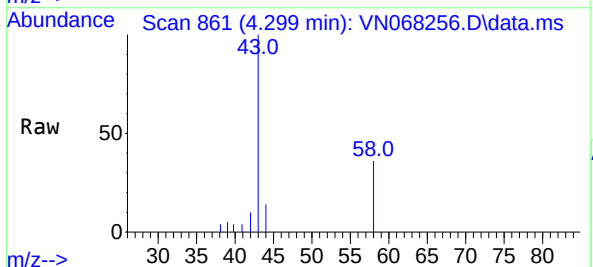
Instrument :
MSVOA_N
ClientSampled :
2-GROWS

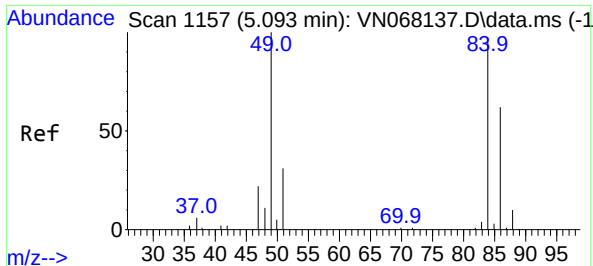
Tgt Ion:168 Resp: 449912
Ion Ratio Lower Upper
168 100
99 50.7 62.9 94.3#



#16
Acetone
Concen: 8.769 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

Tgt Ion: 43 Resp: 12299
Ion Ratio Lower Upper
43 100
58 35.7 21.2 31.8#



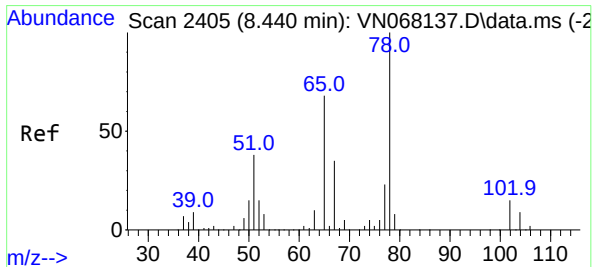
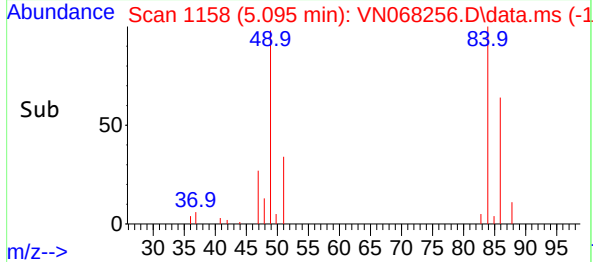
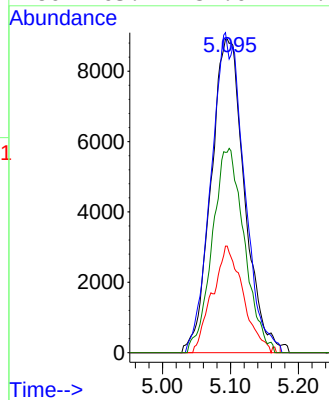
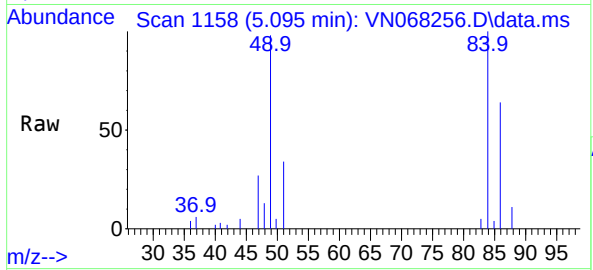


#20
Methylene Chloride
Concen: 5.945 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

Instrument :
MSVOA_N
ClientSampled :
2-GROWS

Tgt Ion: 84 Resp: 30338

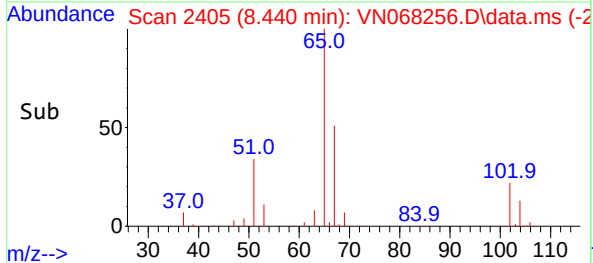
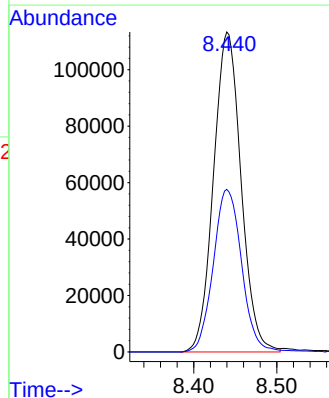
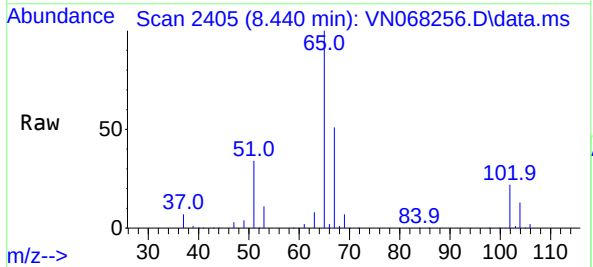
Ion	Ratio	Lower	Upper
84	100		
49	97.7	110.9	166.3#
51	34.0	32.6	49.0
86	63.9	51.6	77.4

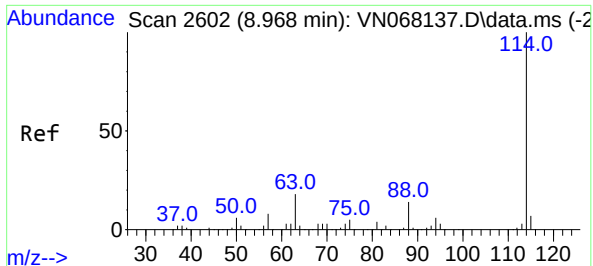


#33
1,2-Dichloroethane-d4
Concen: 54.387 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

Tgt Ion: 65 Resp: 261264

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	98.6

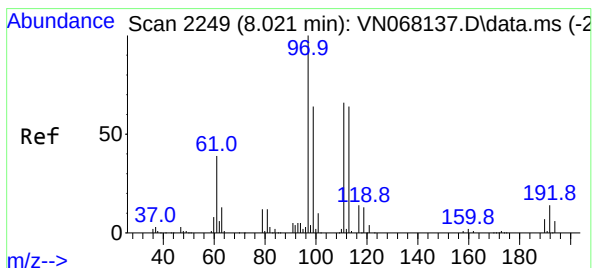
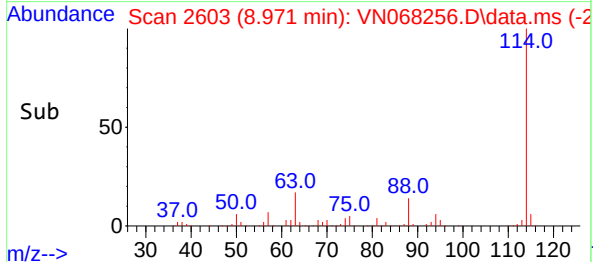
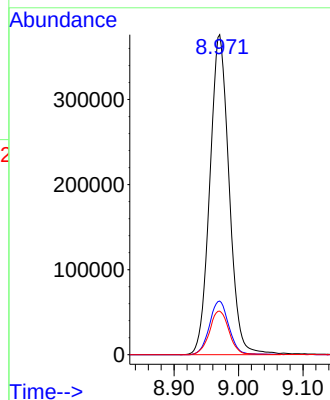
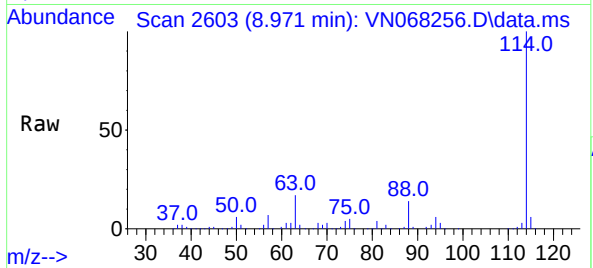




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

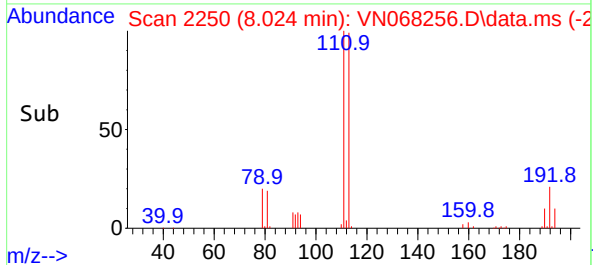
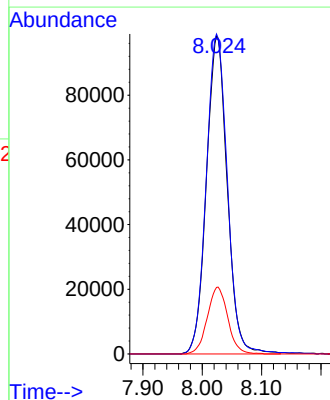
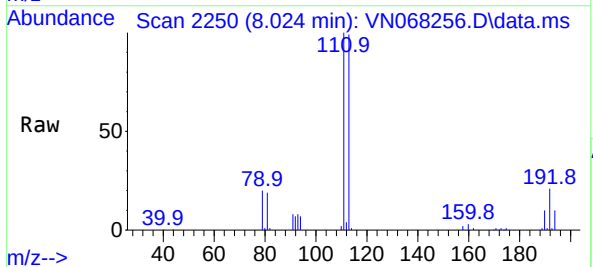
Instrument :
MSVOA_N
ClientSampleId :
2-GROWS

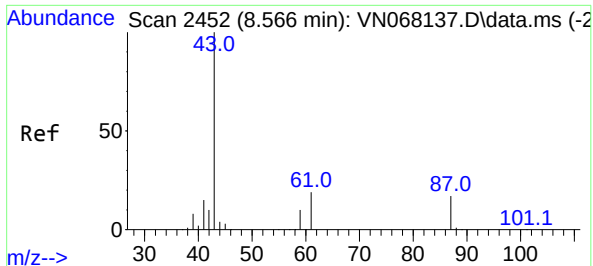
Tgt Ion:114 Resp: 780706
Ion Ratio Lower Upper
114 100
63 16.7 0.0 49.0
88 13.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.767 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

Tgt Ion:113 Resp: 239032
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.8
192 20.7 13.4 20.0#

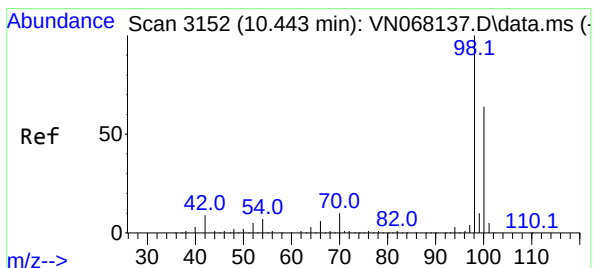
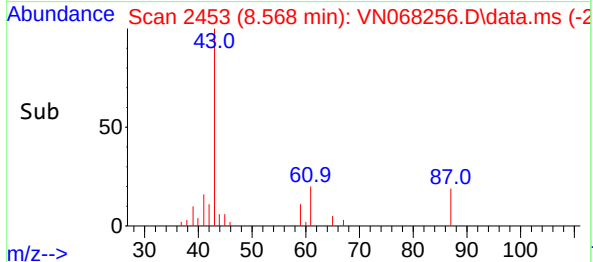
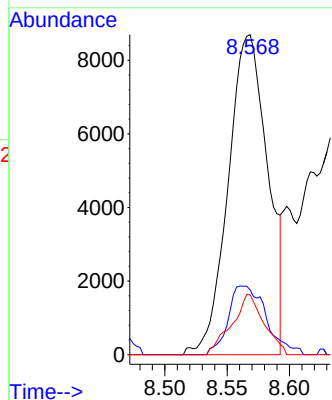
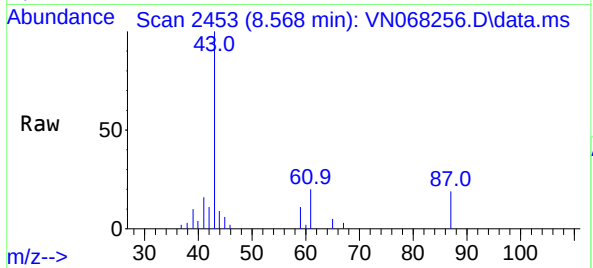




#43
Isopropyl Acetate
Concen: 2.208 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.002 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

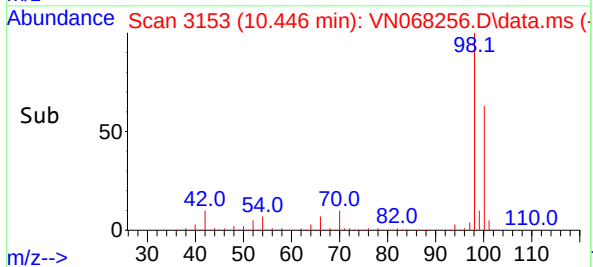
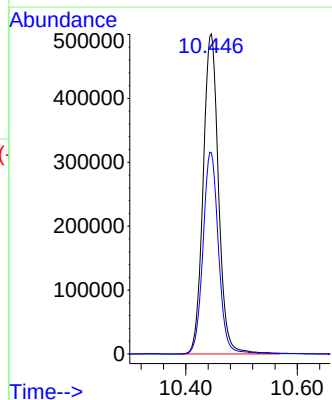
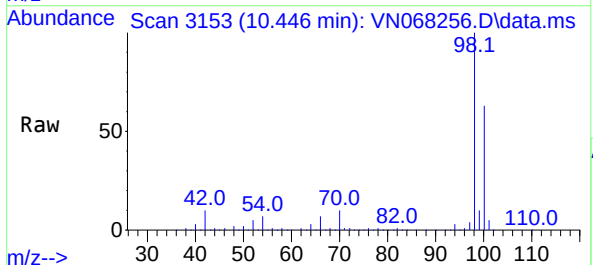
Instrument :
MSVOA_N
ClientSampled :
2-GROWS

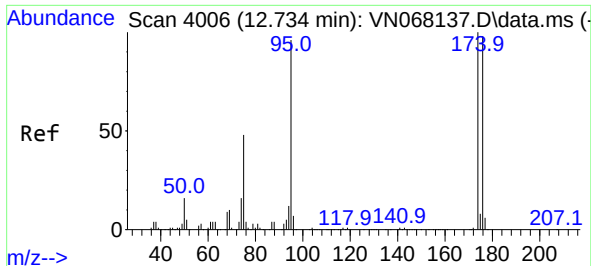
Tgt Ion: 43 Resp: 19228
Ion Ratio Lower Upper
43 100
61 20.7 19.0 28.4
87 15.3 9.5 14.3#



#50
Toluene-d8
Concen: 51.429 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

Tgt Ion: 98 Resp: 960512
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

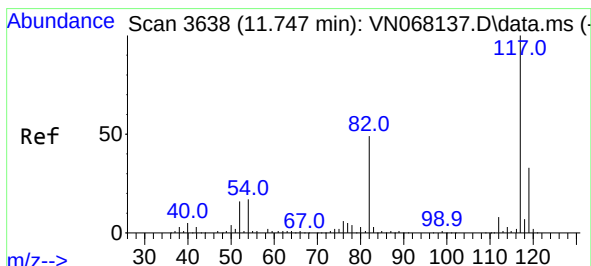
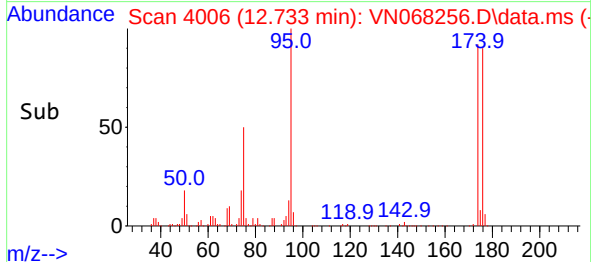
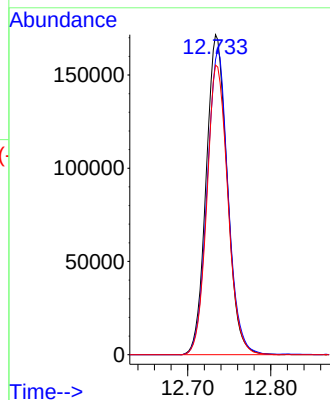
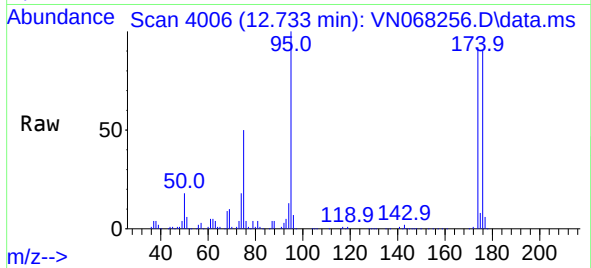




#62
4-Bromofluorobenzene
Concen: 48.525 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

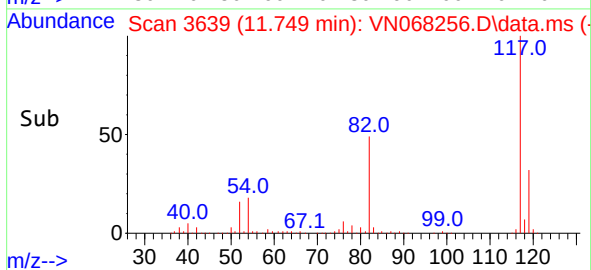
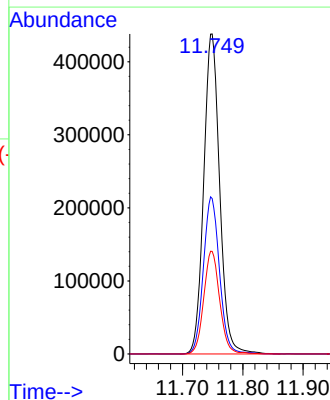
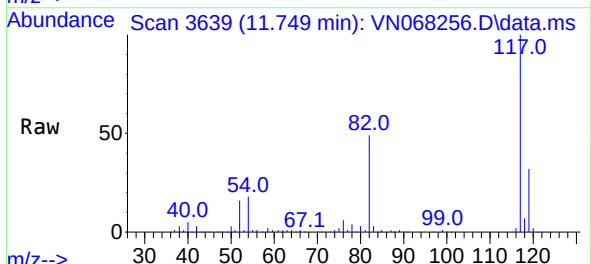
Instrument :
MSVOA_N
ClientSampleId :
2-GROWS

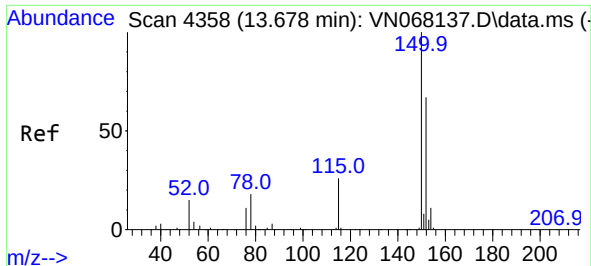
Tgt Ion: 95 Resp: 301691
Ion Ratio Lower Upper
95 100
174 95.4 0.0 122.0
176 90.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

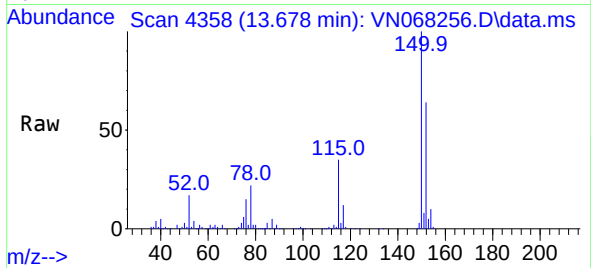
Tgt Ion: 117 Resp: 806300
Ion Ratio Lower Upper
117 100
82 48.6 53.1 79.7#
119 32.0 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068256.D
Acq: 20 Aug 2021 19:45

Instrument :
MSVOA_N
ClientSampled :
2-GROWS



Tgt Ion:152 Resp: 298357
Ion Ratio Lower Upper
152 100
115 54.9 36.1 108.5
150 156.4 0.0 351.8

