

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069834.D
 Acq On : 8 Dec 2021 00:43
 Operator : JC/MD
 Sample : M4956-24
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178S-20211206

Quant Time: Dec 08 06:36:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

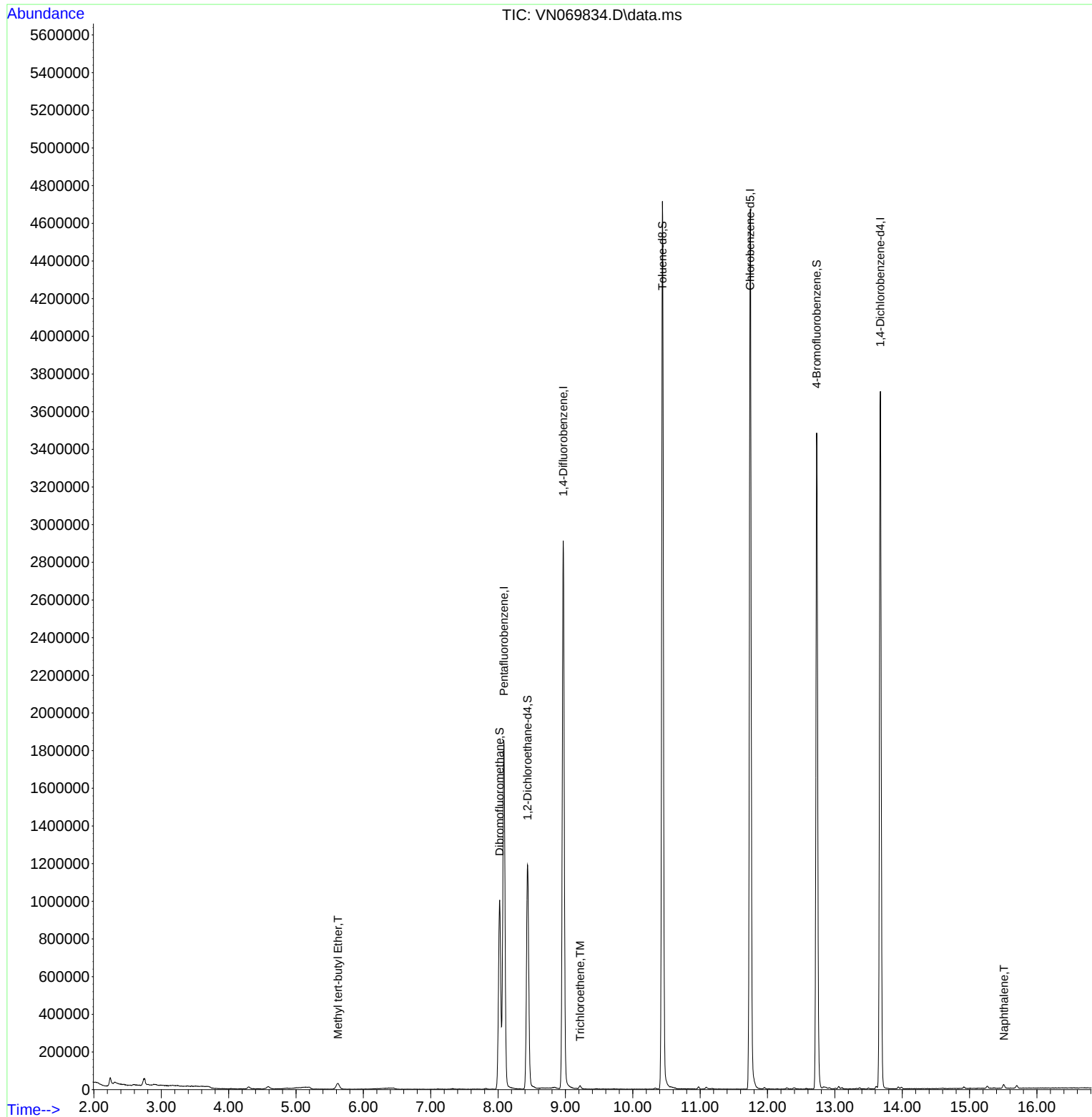
Internal Standards						
1) Pentafluorobenzene	8.085	168	1355203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2446547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2626715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	992762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1044135	49.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.80%
35) Dibromofluoromethane	8.024	113	719333	46.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.88%
50) Toluene-d8	10.440	98	3158598	51.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.66%
62) 4-Bromofluorobenzene	12.731	95	1230558	55.20	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.40%
Target Compounds						
19) Methyl tert-butyl Ether	5.623	73	43743	0.87	ug/l	92
44) Trichloroethene	9.217	130	5439	0.32	ug/l	89
95) Naphthalene	15.509	128	18829	4.34	ug/l	99

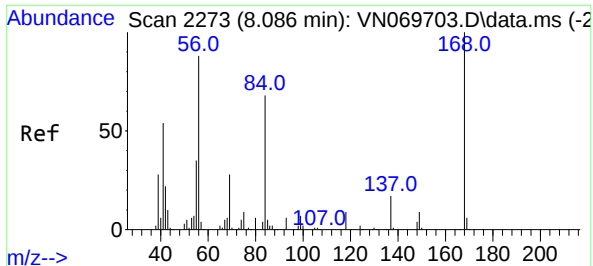
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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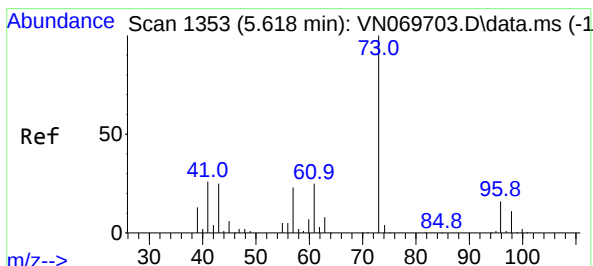
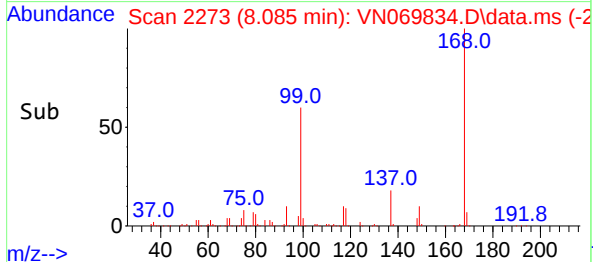
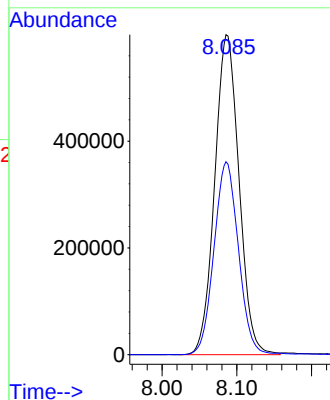
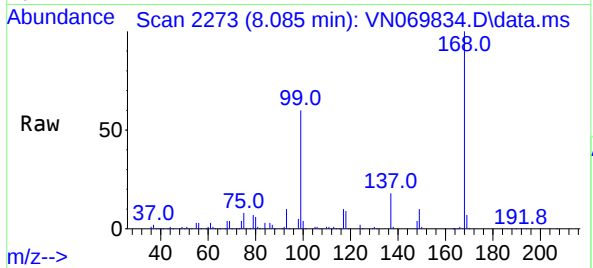




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069834.D
Acq: 8 Dec 2021 00:43

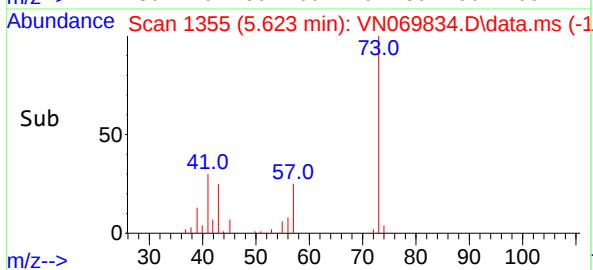
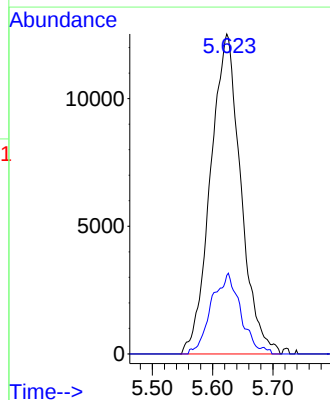
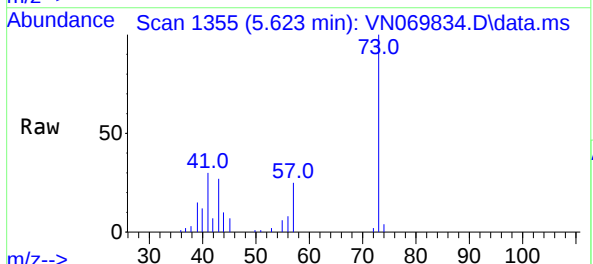
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20211206

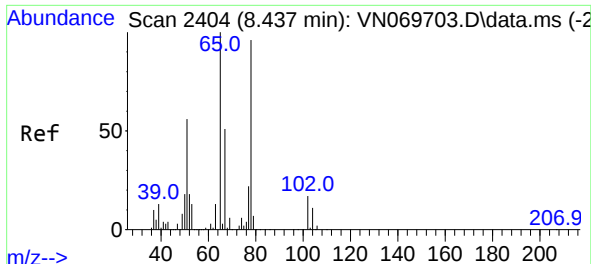
Tgt Ion:168 Resp: 1355203
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#19
Methyl tert-butyl Ether
Concen: 0.87 ug/l
RT: 5.623 min Scan# 1355
Delta R.T. 0.005 min
Lab File: VN069834.D
Acq: 8 Dec 2021 00:43

Tgt Ion: 73 Resp: 43743
Ion Ratio Lower Upper
73 100
57 24.5 16.8 25.2

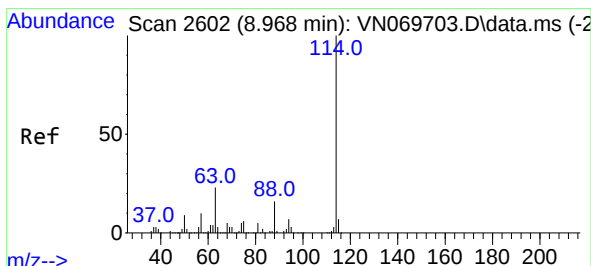
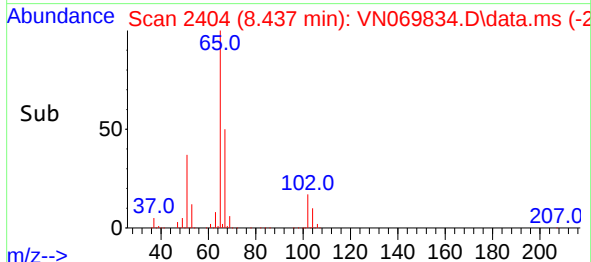
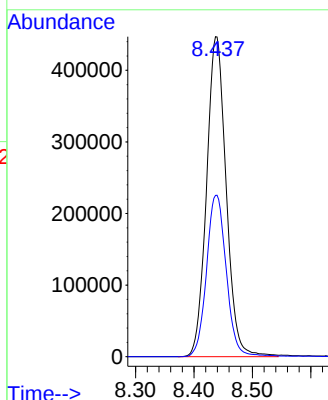
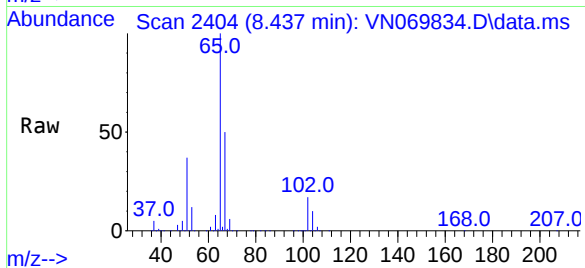




#33
1,2-Dichloroethane-d4
Concen: 49.90 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN069834.D
Acq: 8 Dec 2021 00:43

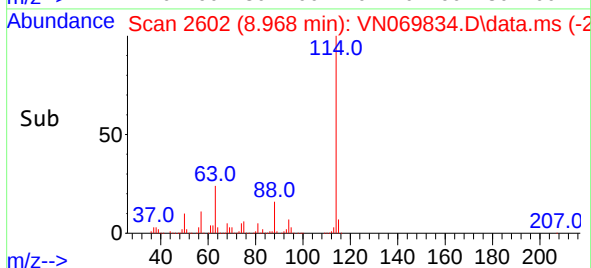
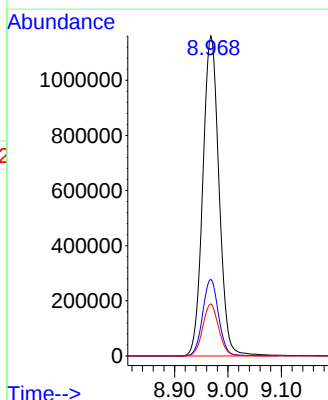
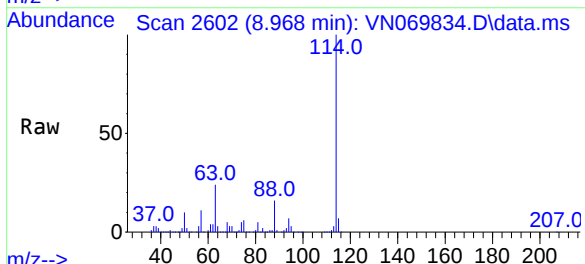
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20211206

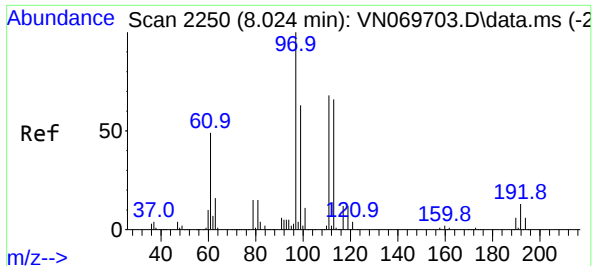
Tgt Ion: 65 Resp: 1044135
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069834.D
Acq: 8 Dec 2021 00:43

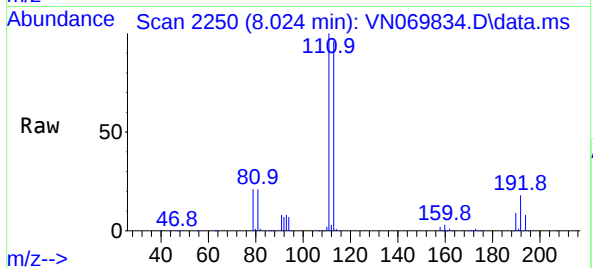
Tgt Ion: 114 Resp: 2446547
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 16.3 0.0 27.4



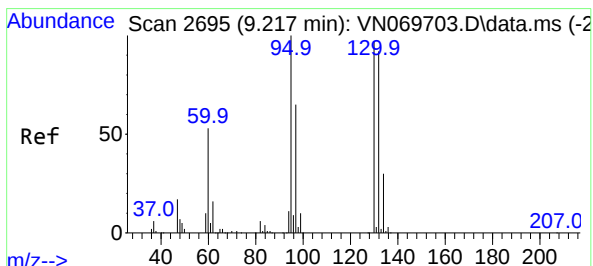
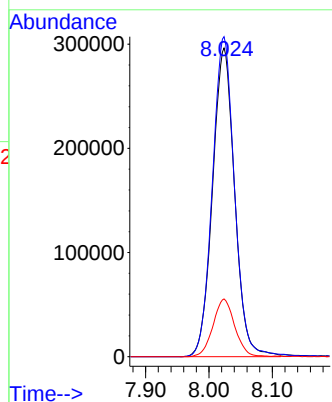
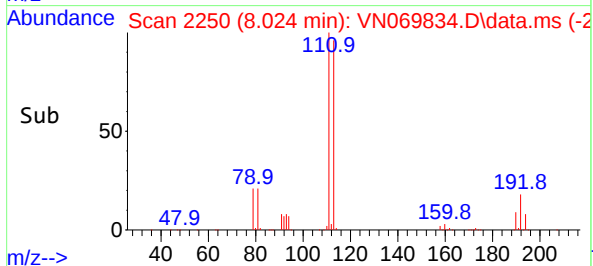


#35
Dibromofluoromethane
Concen: 46.94 ug/l
RT: 8.024 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN069834.D
Acq: 8 Dec 2021 00:43

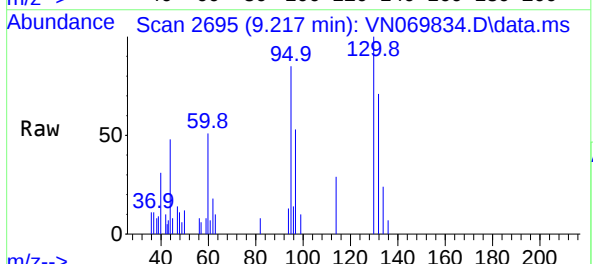
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20211206



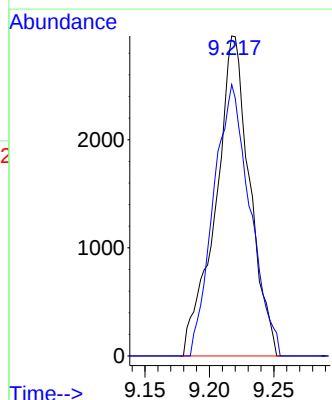
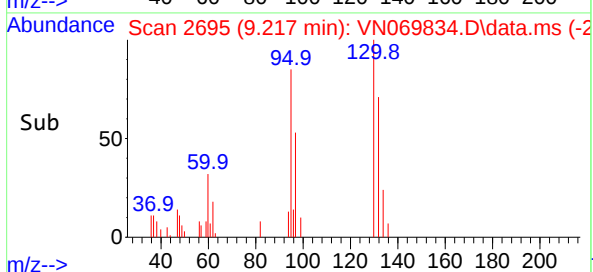
Tgt Ion:113 Resp: 719333
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.4 16.9 25.3

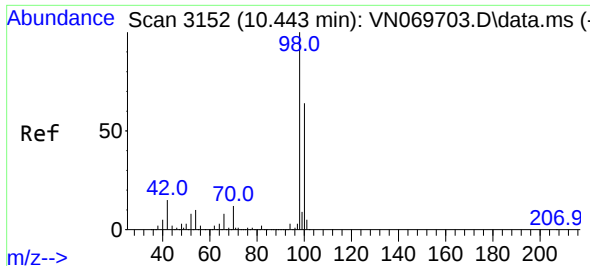


#44
Trichloroethene
Concen: 0.32 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069834.D
Acq: 8 Dec 2021 00:43



Tgt Ion:130 Resp: 5439
Ion Ratio Lower Upper
130 100
95 84.8 0.0 191.2

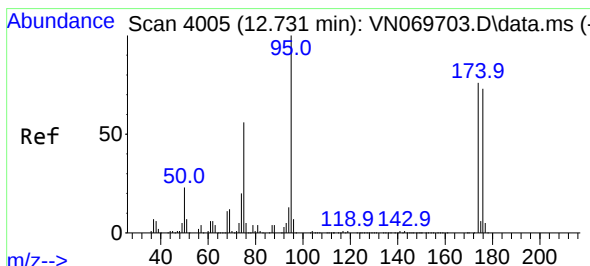
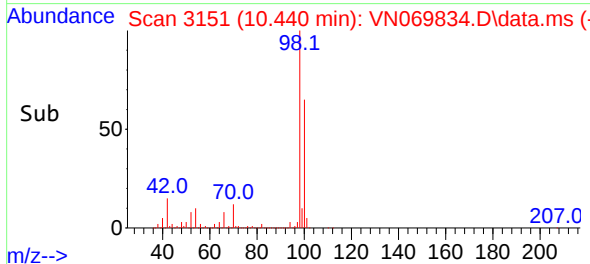
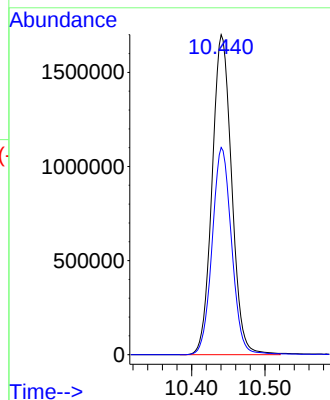
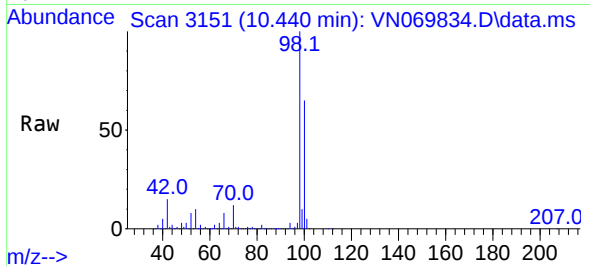




#50
Toluene-d8
Concen: 51.33 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069834.D
Acq: 8 Dec 2021 00:43

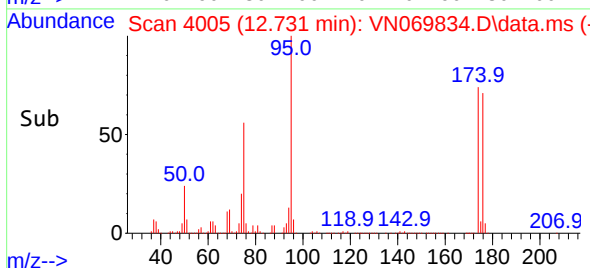
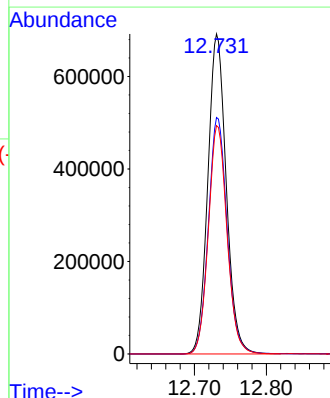
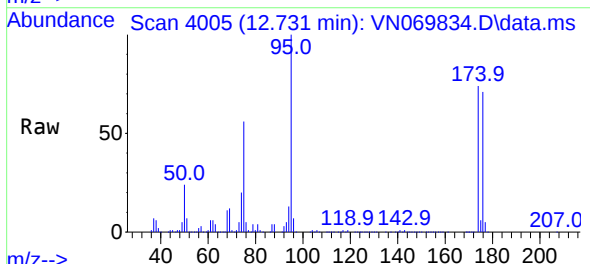
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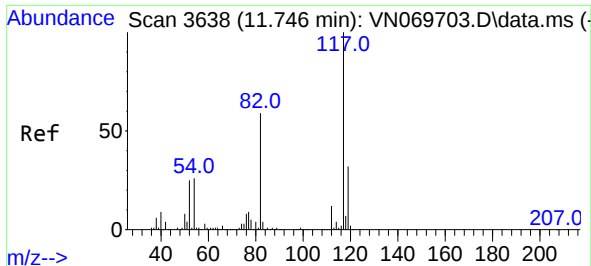
Tgt Ion: 98 Resp: 3158598
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.20 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069834.D
Acq: 8 Dec 2021 00:43

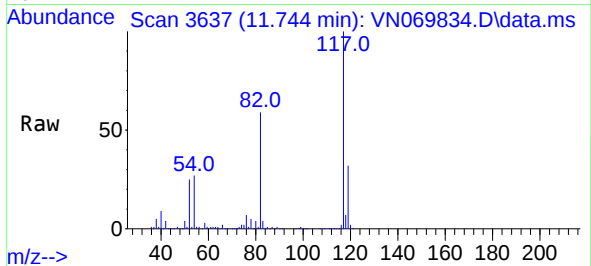
Tgt Ion: 95 Resp: 1230558
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.4 0.0 181.4





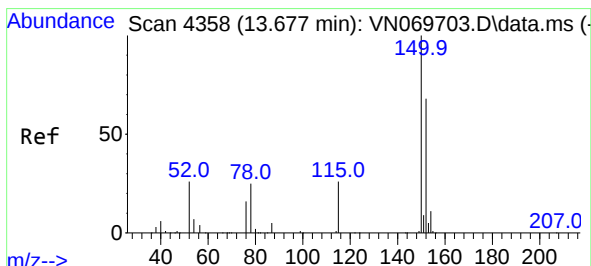
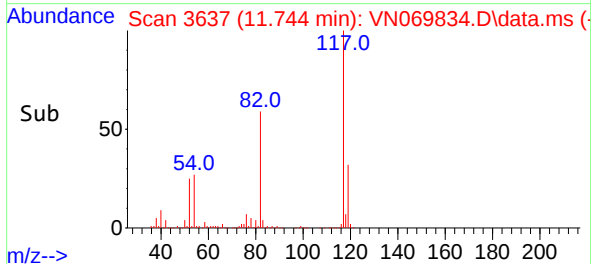
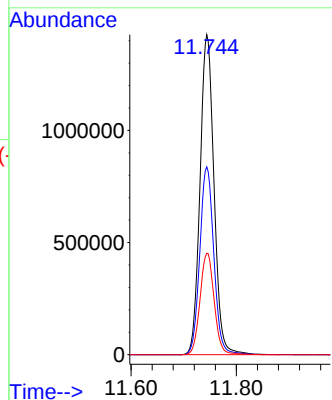
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069834.D
Acq: 8 Dec 2021 00:43

Instrument :
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Tgt Ion:117 Resp: 2626715

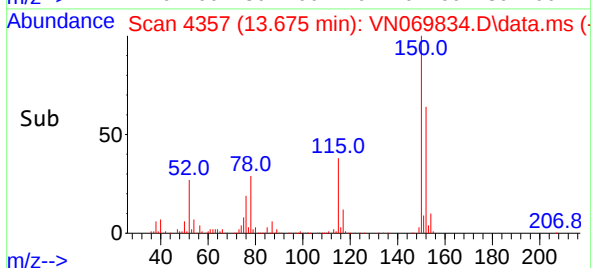
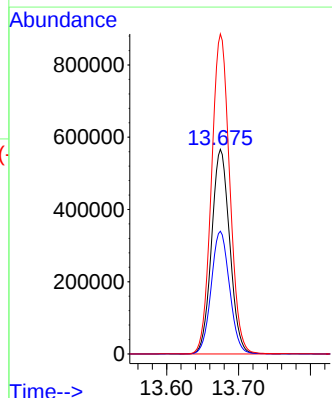
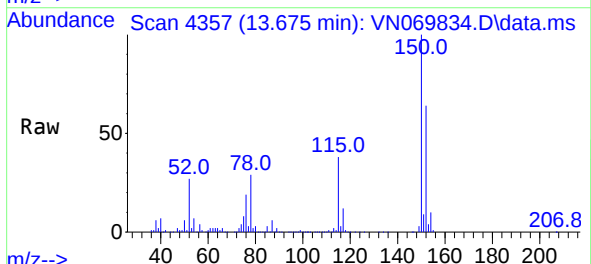
Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.4	63.6
119	31.7	25.4	38.2

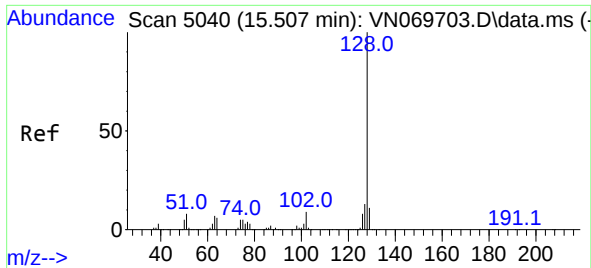


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069834.D
Acq: 8 Dec 2021 00:43

Tgt Ion:152 Resp: 992762

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.5	82.5
150	156.7	0.0	344.4





#95

Naphthalene

Concen: 4.34 ug/l

RT: 15.509 min Scan# 50

Delta R.T. 0.002 min

Lab File: VN069834.D

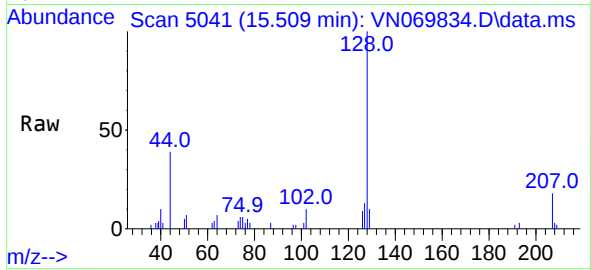
Acq: 8 Dec 2021 00:43

Instrument :

MSVOA_N

ClientSampleId :

MW178S-20211206



Tgt Ion:128 Resp: 18829

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 10.8 8.7 13.1

