

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070259.D
 Acq On : 21 Dec 2021 11:28
 Operator : JC/MD
 Sample : VN1221WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBL01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Semsettin Yesilyurt 12/23/2021

Quant Time: Dec 21 15:23:23 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	8.086	168	993501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1641388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1418178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	486406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	846833	55.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.42%			
35) Dibromofluoromethane	8.021	113	562875	54.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.50%			
50) Toluene-d8	10.441	98	2137047	51.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.54%			
62) 4-Bromofluorobenzene	12.731	95	691292	46.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.44%			
Target Compounds						Qvalue
20) Methylene Chloride	5.103	84	7781m	0.63	ug/l	

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

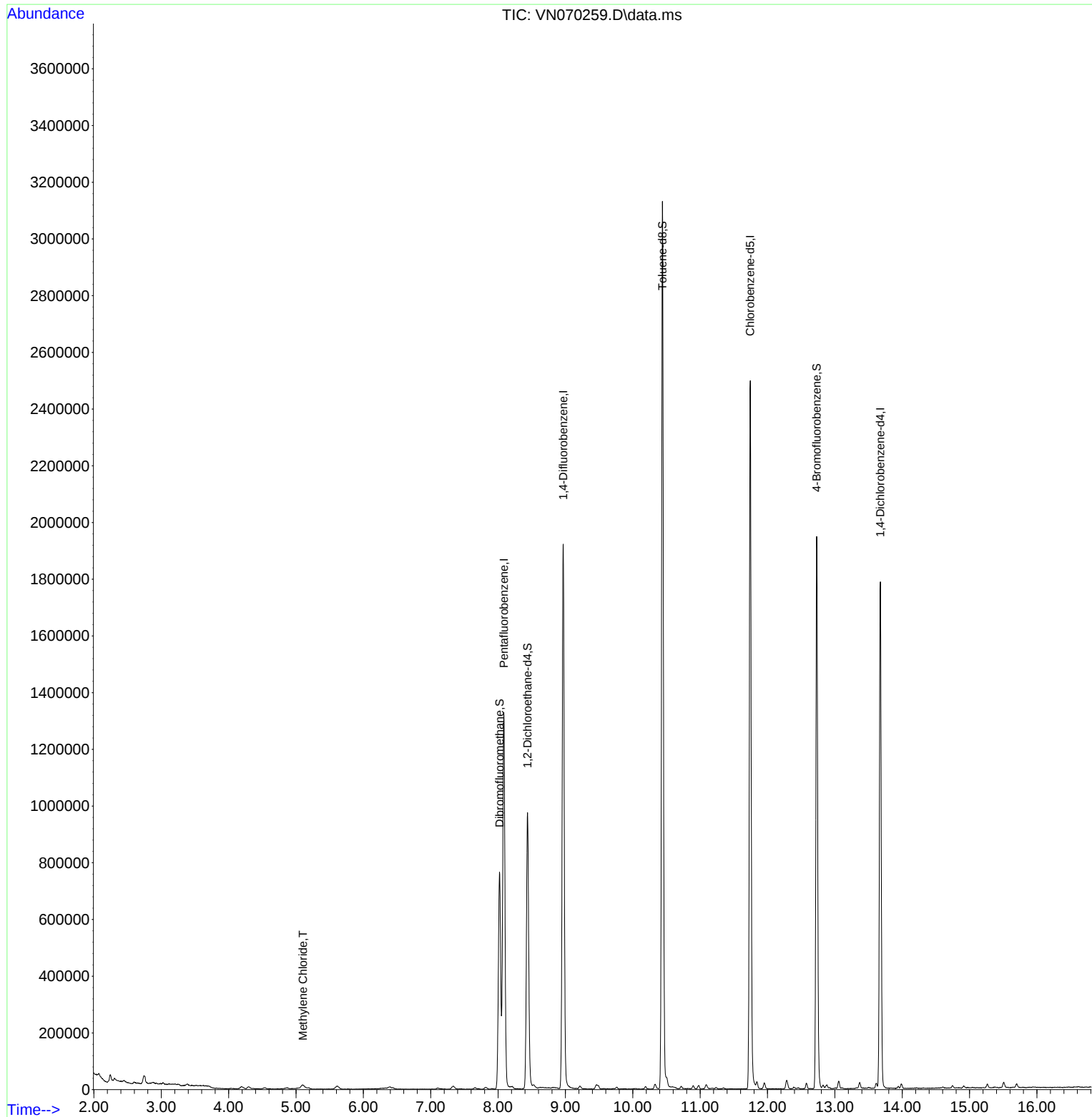
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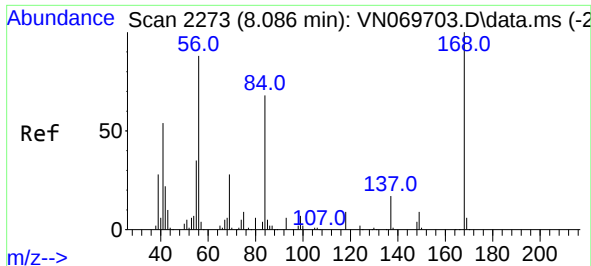
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Quant Time: Dec 21 15:23:23 2021
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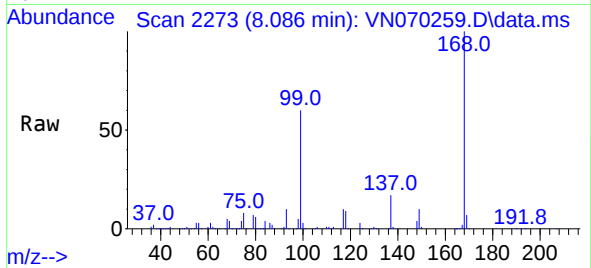
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070259.D
Acq: 21 Dec 2021 11:28

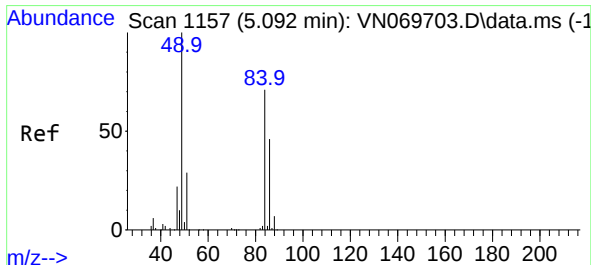
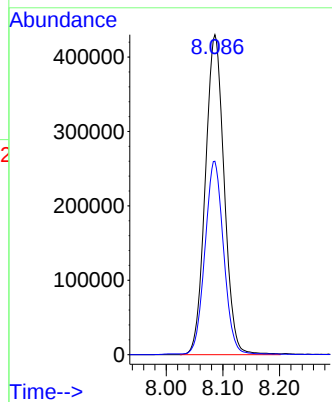
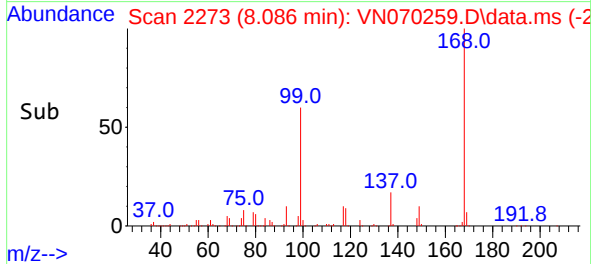
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBL01



Tgt Ion:168 Resp: 99350
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9

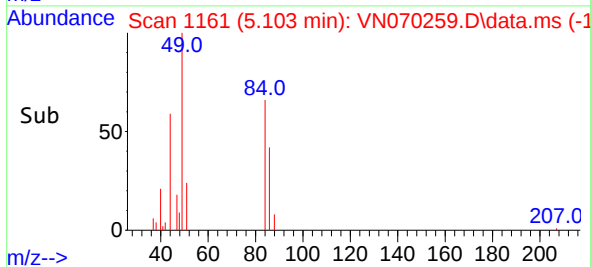
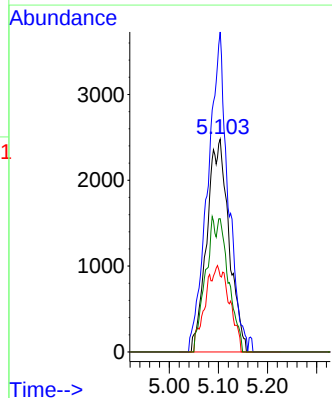
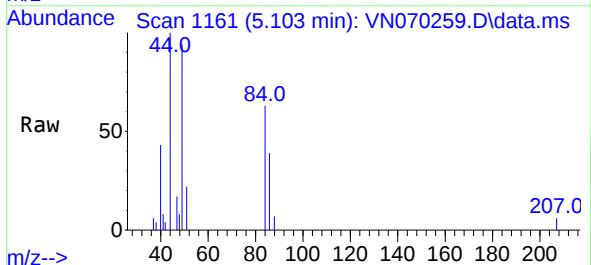
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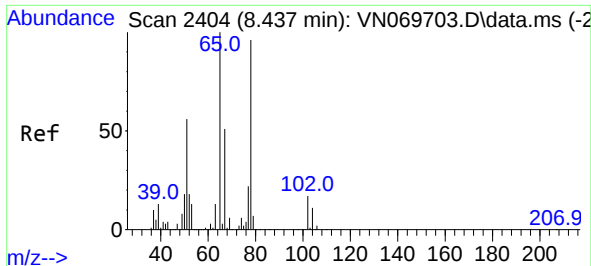
Reviewed By :John Carlone 12/22/2021
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#20
Methylene Chloride
Concen: 0.63 ug/l m
RT: 5.103 min Scan# 1161
Delta R.T. 0.011 min
Lab File: VN070259.D
Acq: 21 Dec 2021 11:28

Tgt Ion: 84 Resp: 7781
Ion Ratio Lower Upper
84 100
49 150.4 93.5 140.3#
51 35.7 29.4 44.2
86 62.6 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 55.21 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070259.D

Acq: 21 Dec 2021 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBL01

Tgt Ion: 65 Resp: 84683

Ion Ratio Lower Upper

65 100

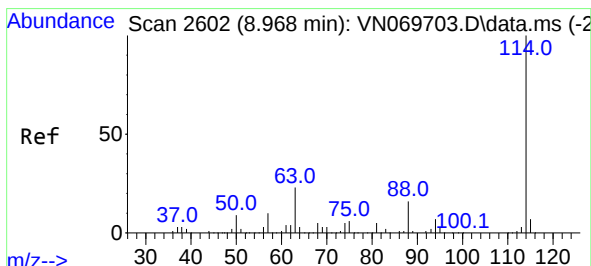
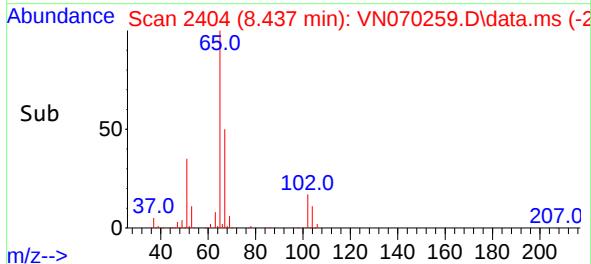
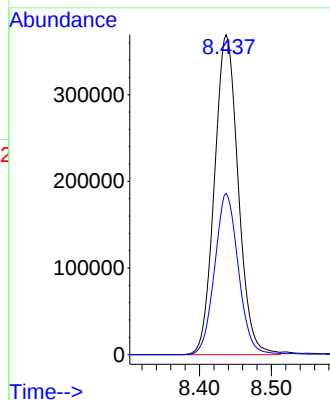
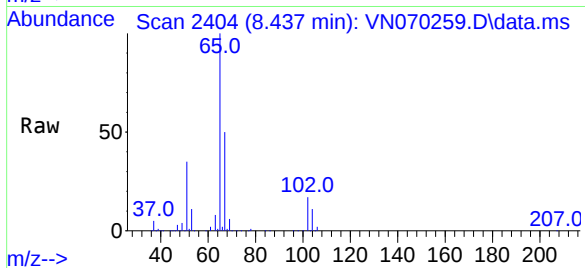
67 50.4 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070259.D

Acq: 21 Dec 2021 11:28

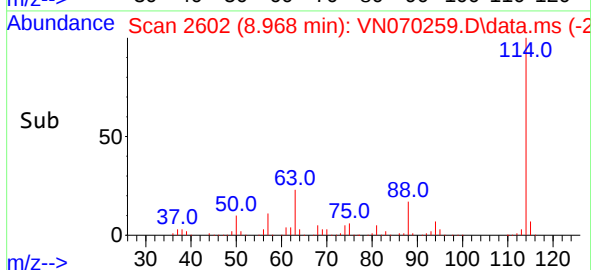
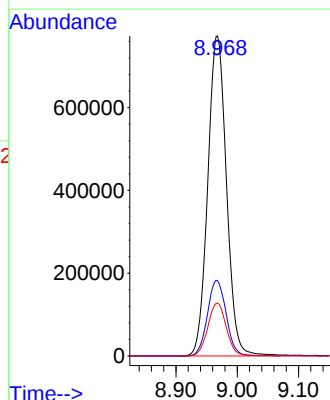
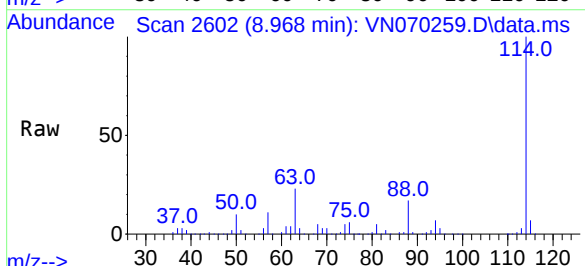
Tgt Ion:114 Resp: 1641388

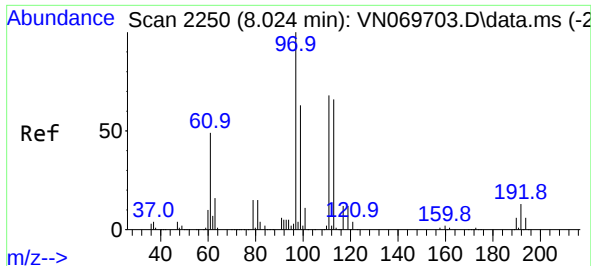
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

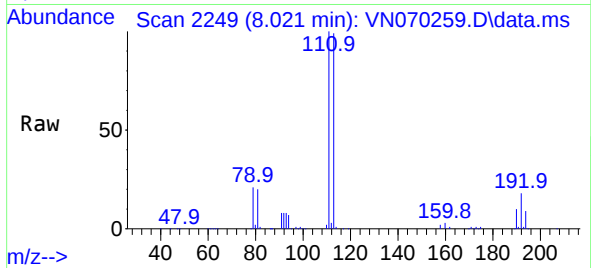
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.75 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN070259.D
Acq: 21 Dec 2021 11:28

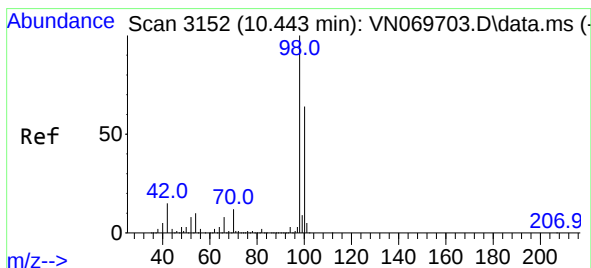
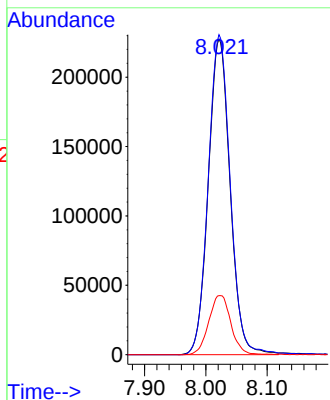
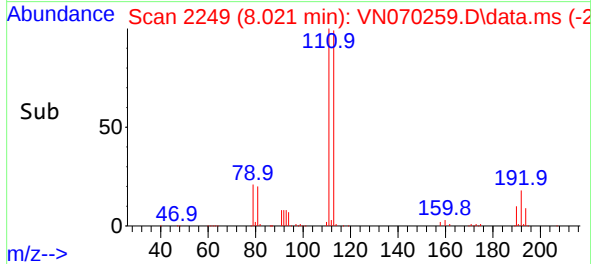
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ClientSampleId :
VN1221WBL01



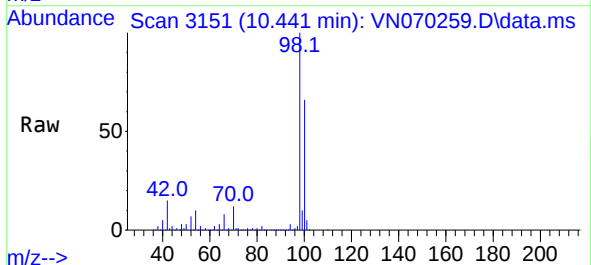
Tgt Ion:113 Resp: 562879
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 19.0 16.9 25.3

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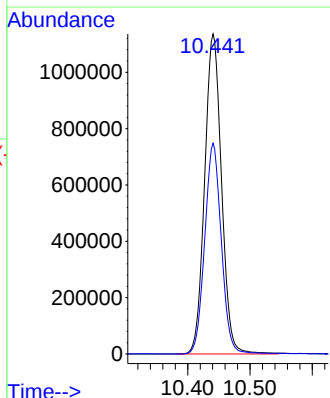
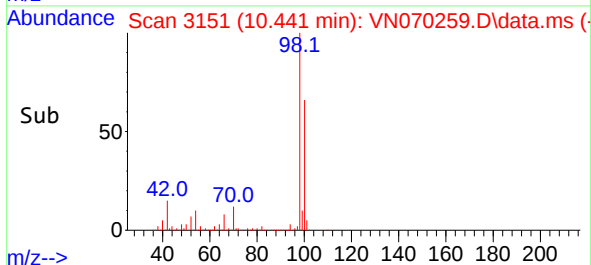
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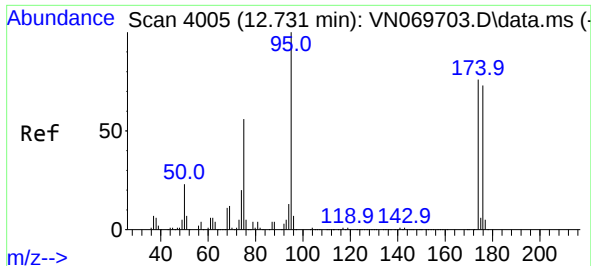


#50
Toluene-d8
Concen: 51.77 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070259.D
Acq: 21 Dec 2021 11:28



Tgt Ion: 98 Resp: 2137047
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6





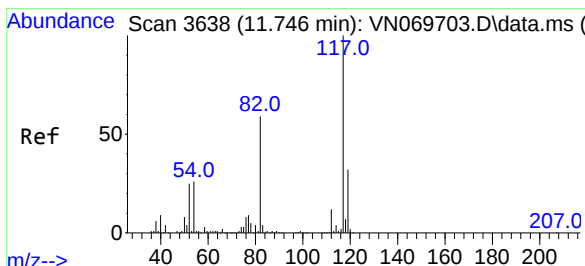
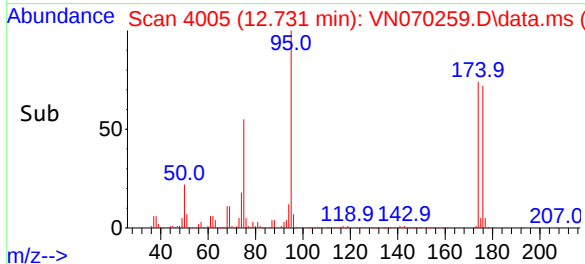
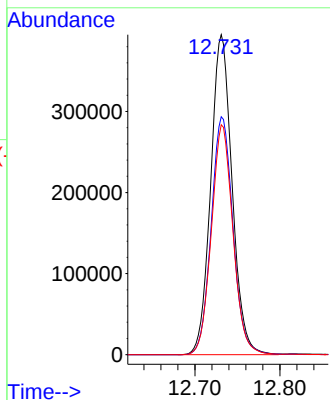
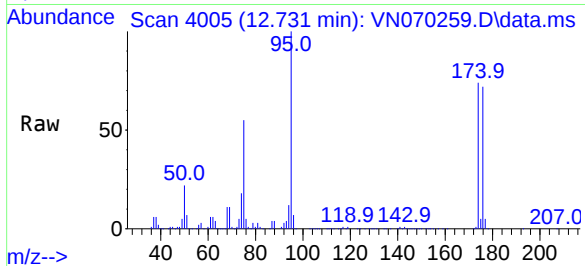
#62
4-Bromofluorobenzene
Concen: 46.22 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070259.D
Acq: 21 Dec 2021 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBL01

Tgt Ion: 95 Resp: 691292
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.4 0.0 181.4

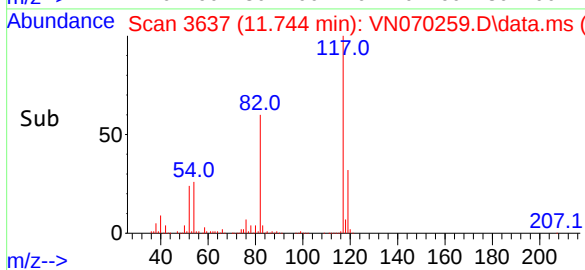
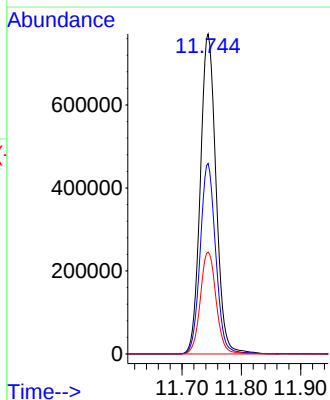
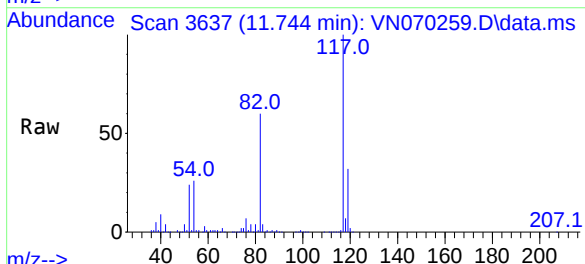
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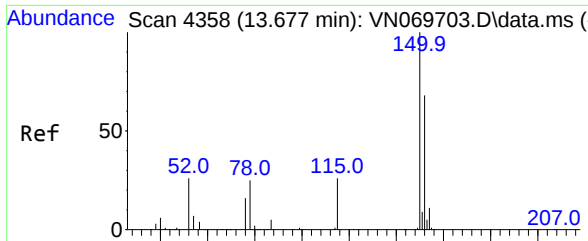
Reviewed By :John Carlone 12/22/2021
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070259.D
Acq: 21 Dec 2021 11:28

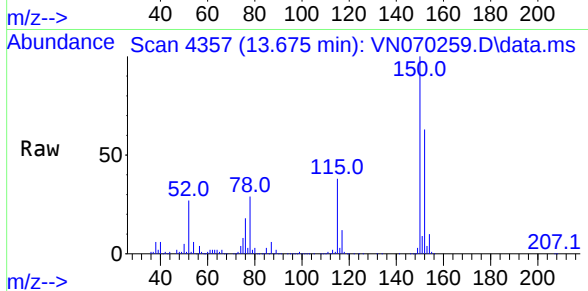
Tgt Ion:117 Resp: 1418178
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN070259.D
 Acq: 21 Dec 2021 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBL01



Tgt Ion:152 Resp: 486400
 Ion Ratio Lower Upper
 152 100
 115 60.6 27.5 82.5
 150 156.7 0.0 344.4

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