

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070188.D
 Acq On : 18 Dec 2021 2:24
 Operator : JC/MD
 Sample : M5128-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Dec 18 06:02:45 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1110138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2095336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2472708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	1034023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	869829	50.747	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.500%			
35) Dibromofluoromethane	8.021	113	619104	47.171	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.340%			
50) Toluene-d8	10.440	98	2791226	52.964	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.920%			
62) 4-Bromofluorobenzene	12.731	95	1243106	65.111	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 130.220%			
Target Compounds					Qvalue	
16) Acetone	4.301	43	28021m	2.718	ug/l	

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

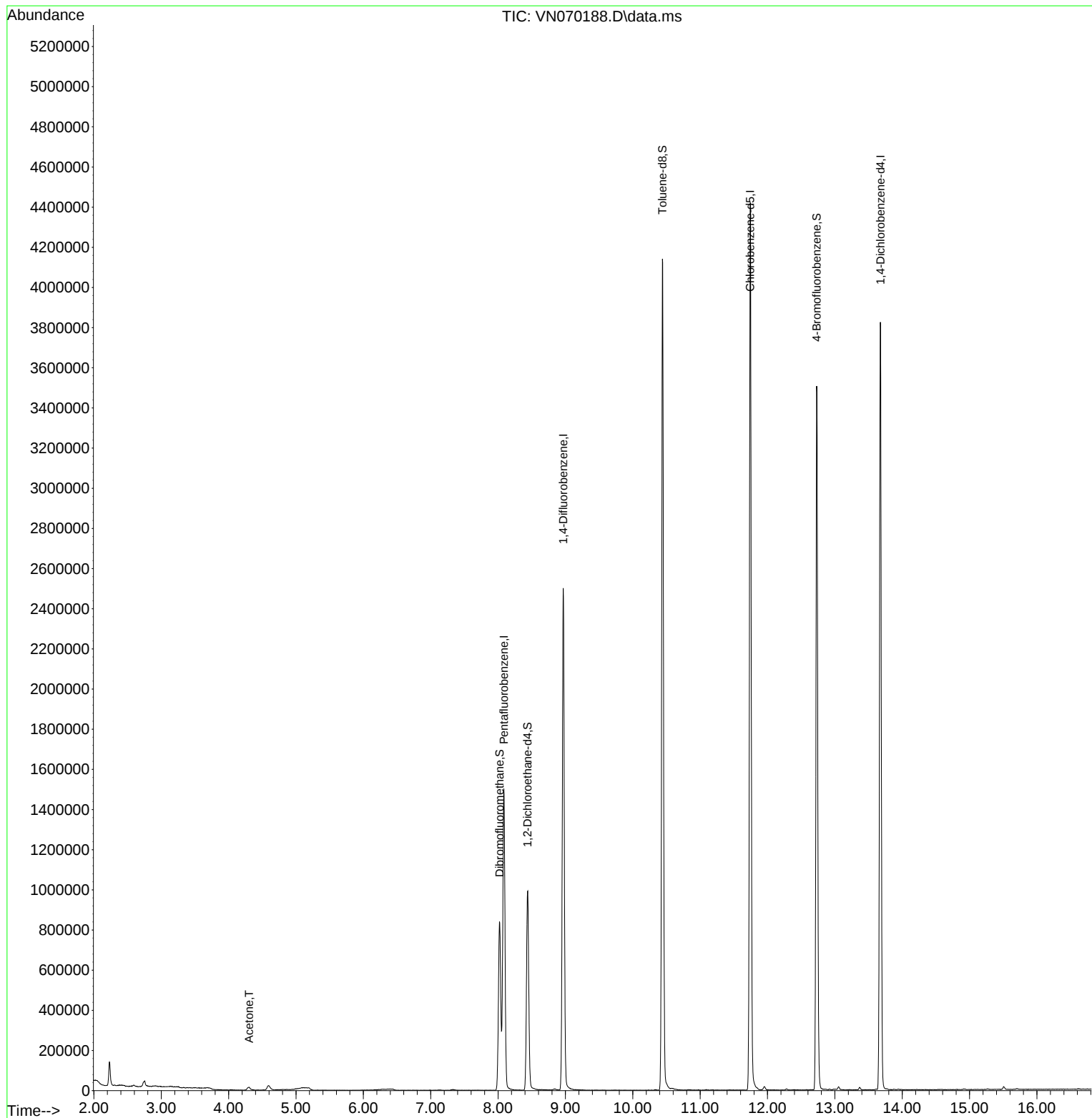
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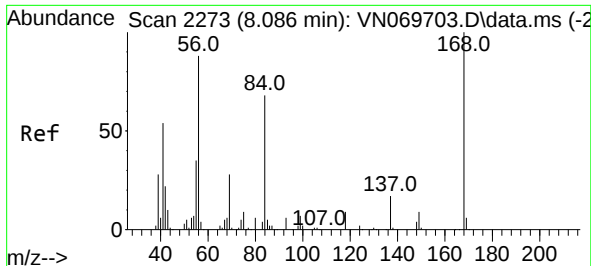
Instrument :
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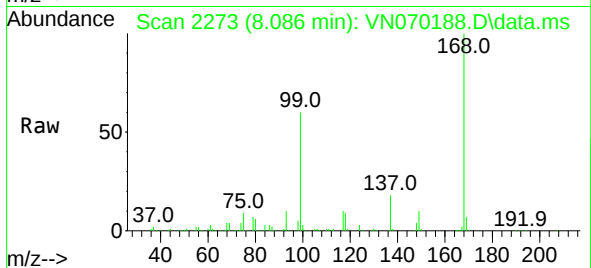
Reviewed By :John Carlone 12/20/2021
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN070188.D
Acq: 18 Dec 2021 2:24

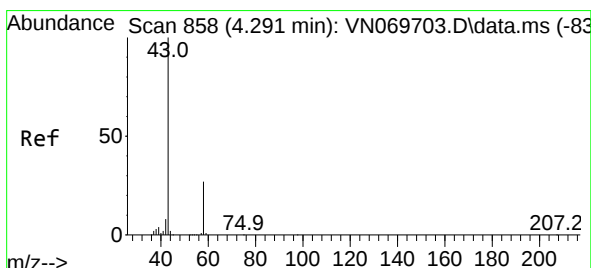
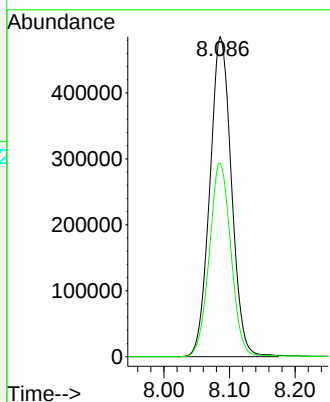
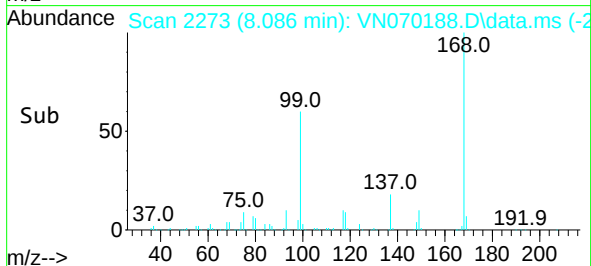
Instrument :
MSVOA_N
ClientSampleId :
TB



Tgt Ion:168 Resp: 1110138
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

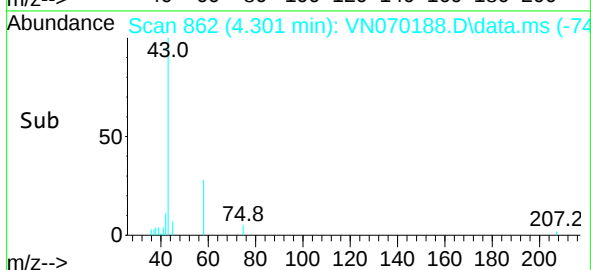
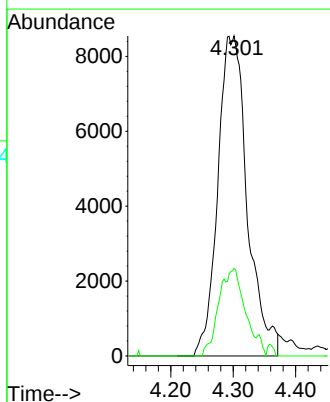
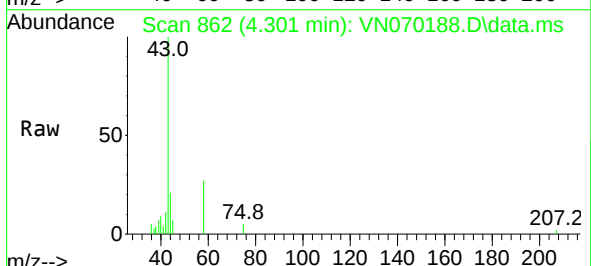
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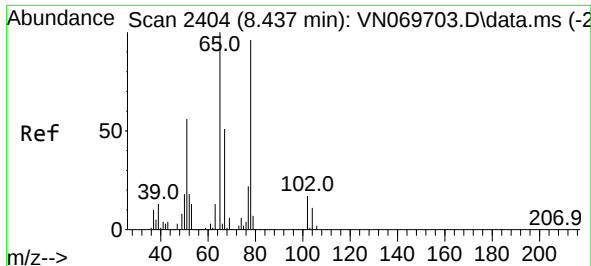
Reviewed By :John Carlone 12/20/2021
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#16
Acetone
Concen: 2.718 ug/l m
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN070188.D
Acq: 18 Dec 2021 2:24

Tgt Ion: 43 Resp: 28021
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 50.747 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070188.D

Acq: 18 Dec 2021 2:24

Instrument :

MSVOA_N

ClientSampleId :

TB

Tgt Ion: 65 Resp: 869829

Ion Ratio Lower Upper

65 100

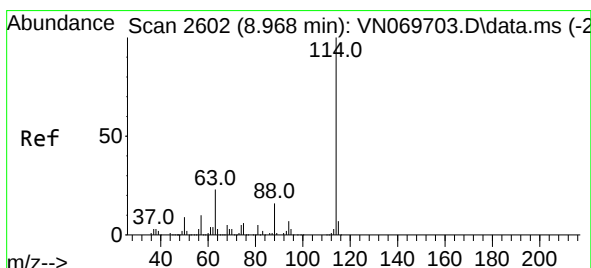
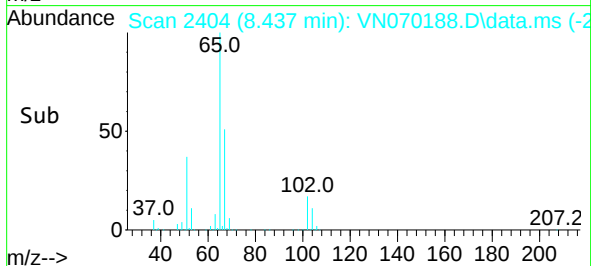
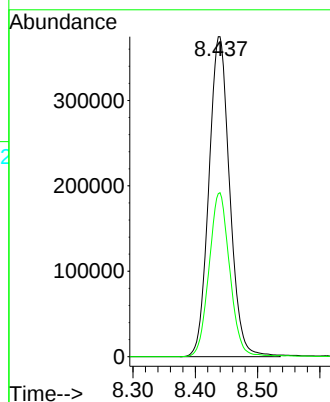
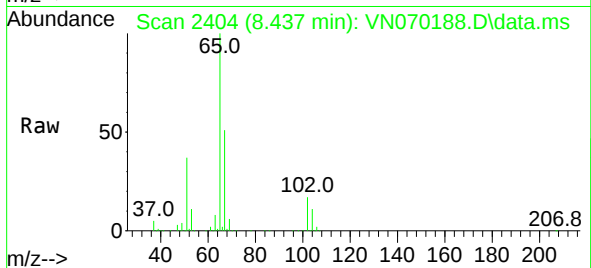
67 50.9 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070188.D

Acq: 18 Dec 2021 2:24

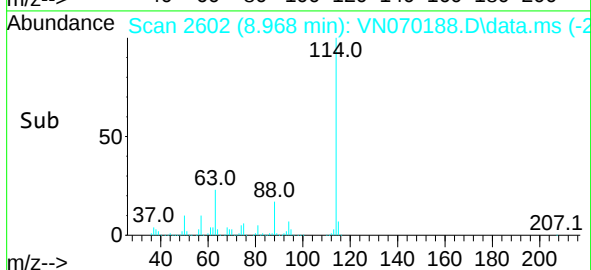
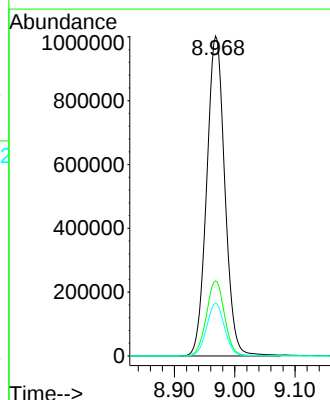
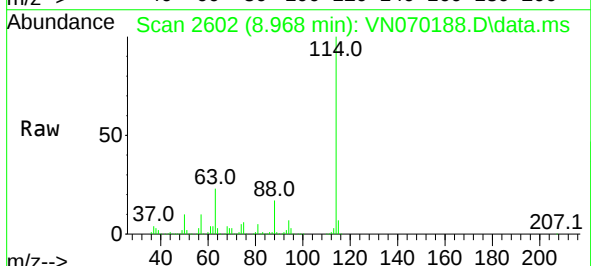
Tgt Ion:114 Resp: 2095336

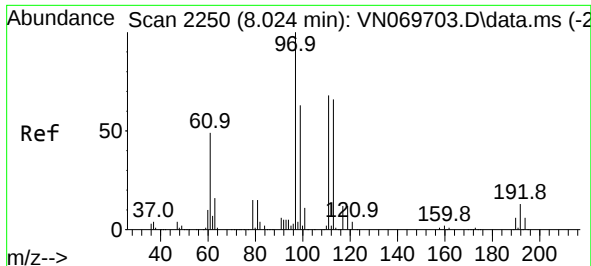
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

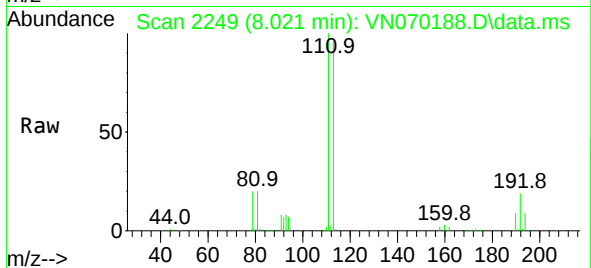
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.171 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070188.D
Acq: 18 Dec 2021 2:24

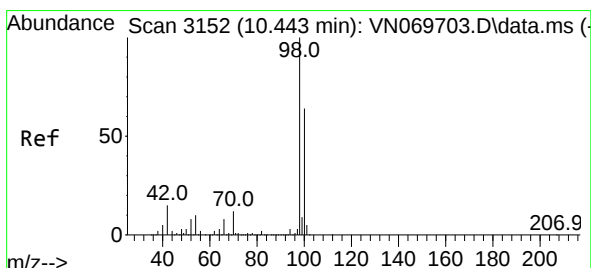
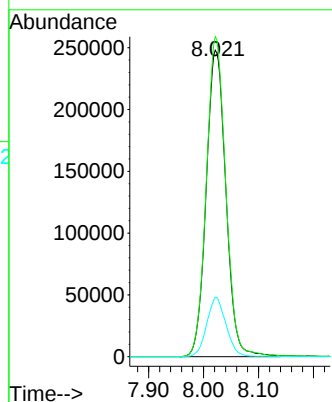
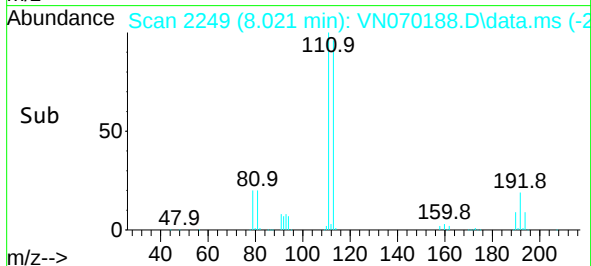
Instrument :
MSVOA_N
ClientSampleId :
TB



Tgt Ion: 113 Resp: 619104
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.9 16.9 25.3

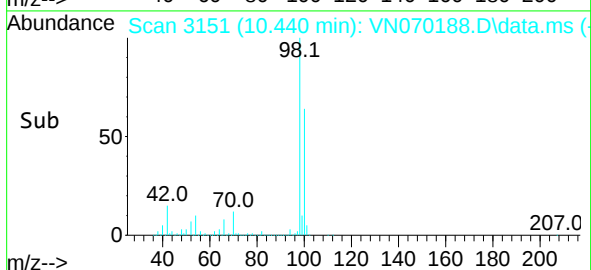
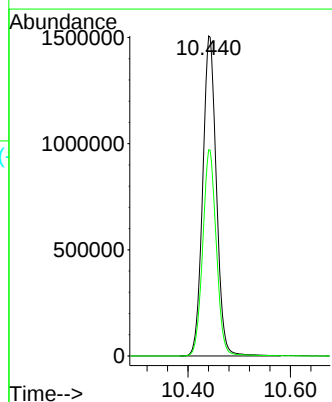
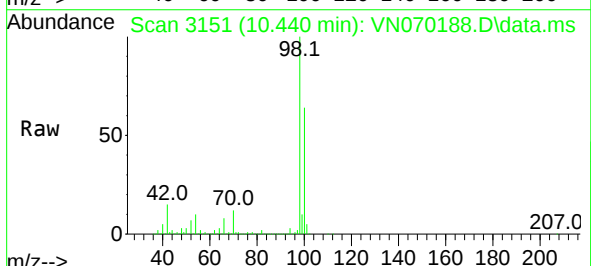
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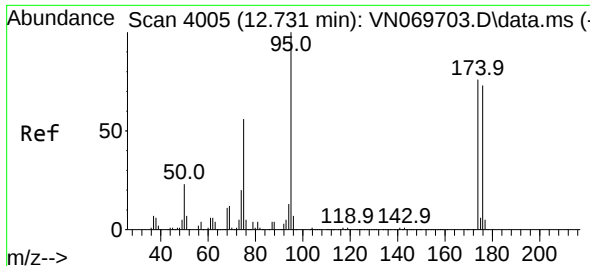
Reviewed By :John Carlone 12/20/2021
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#50
Toluene-d8
Concen: 52.964 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070188.D
Acq: 18 Dec 2021 2:24

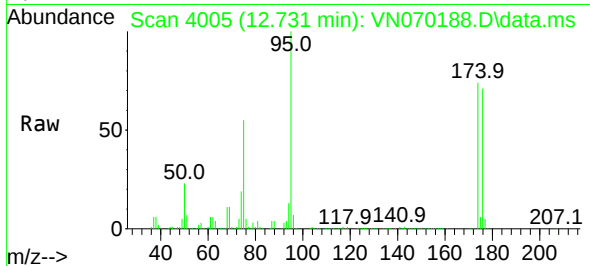
Tgt Ion: 98 Resp: 2791226
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 65.111 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070188.D
Acq: 18 Dec 2021 2:24

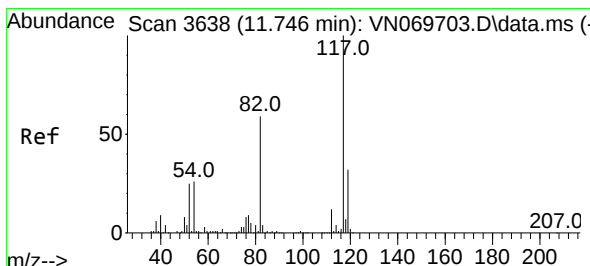
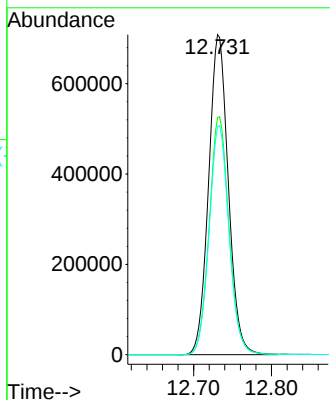
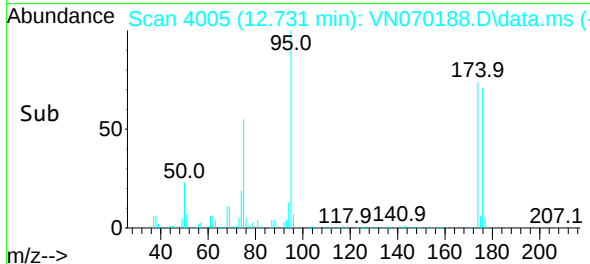
Instrument :
MSVOA_N
ClientSampleId :
TB



Tgt Ion: 95 Resp: 1243100
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.3 0.0 181.4

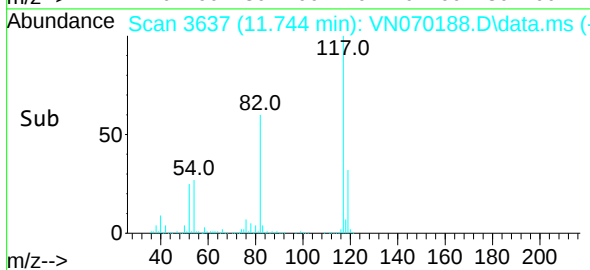
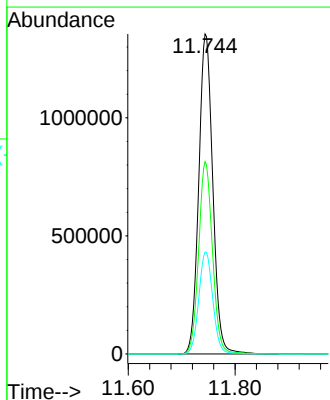
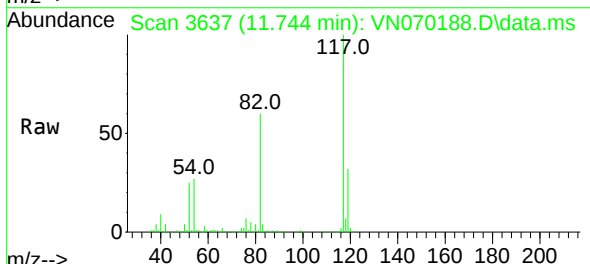
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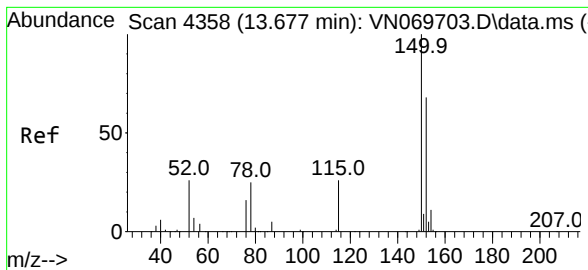
Reviewed By :John Carlone 12/20/2021
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070188.D
Acq: 18 Dec 2021 2:24

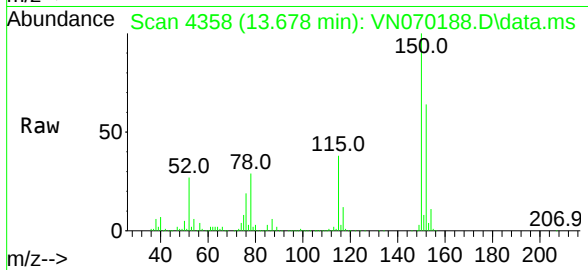
Tgt Ion:117 Resp: 2472708
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070188.D
 Acq: 18 Dec 2021 2:24

Instrument :
 MSVOA_N
 ClientSampleId :
 TB



Tgt Ion:152 Resp: 1034023
 Ion Ratio Lower Upper
 152 100
 115 60.3 27.5 82.5
 150 156.1 0.0 344.4

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