

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070277.D
 Acq On : 21 Dec 2021 19:16
 Operator : JC/MD
 Sample : M5182-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EQUIPMENT-BLANK

Quant Time: Dec 21 20:12:39 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 12/22/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	794589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1345849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1165651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	370072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	687647	56.050	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.100%			
35) Dibromofluoromethane	8.024	113	456061	54.099	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.200%			
50) Toluene-d8	10.440	98	1718349	50.764	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.731	95	531169	43.315	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.620%			
Target Compounds					Qvalue	
16) Acetone	4.293	43	67002	9.079	ug/l	100
20) Methylene Chloride	5.098	84	8339m	0.850	ug/l	

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

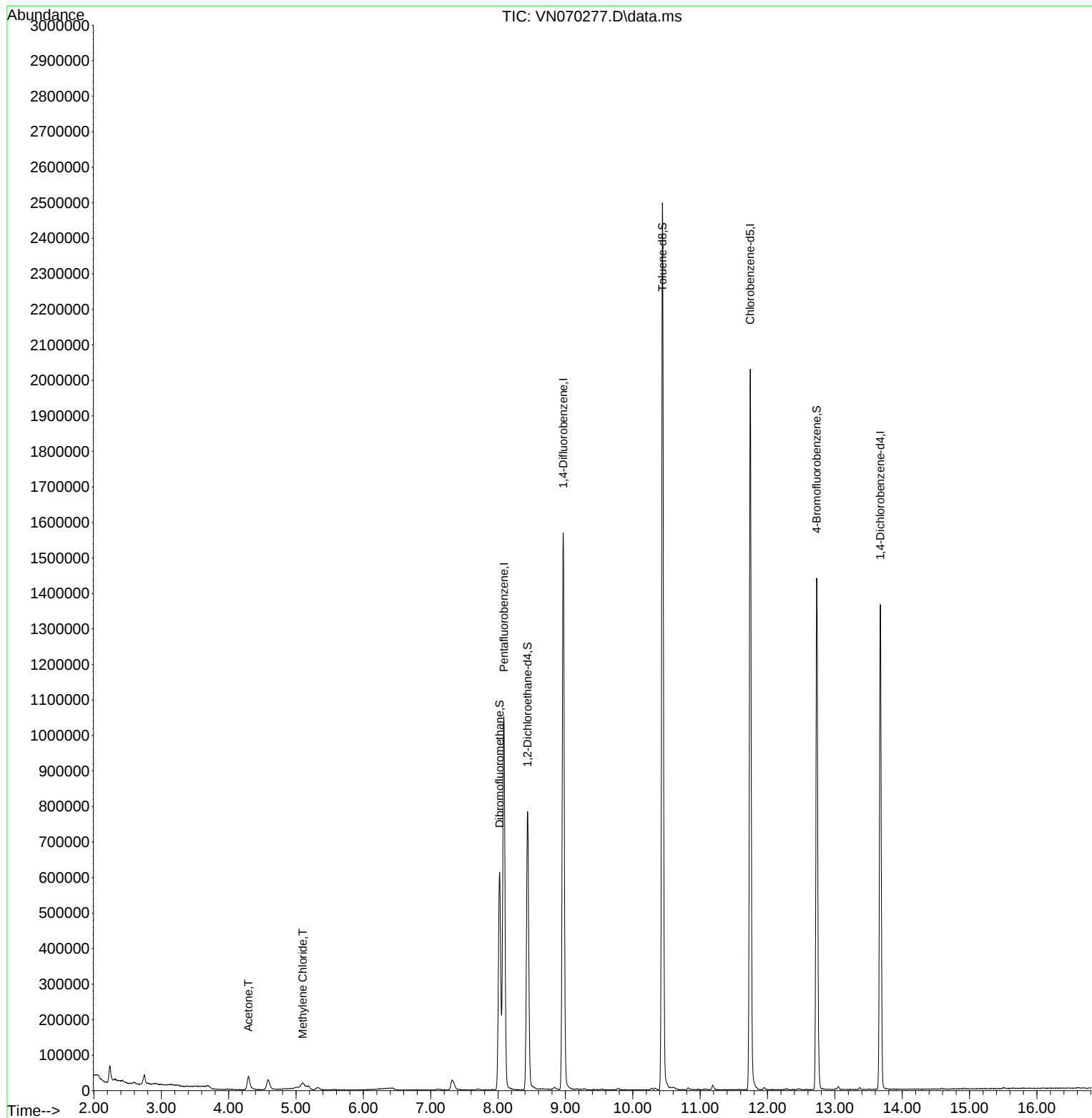
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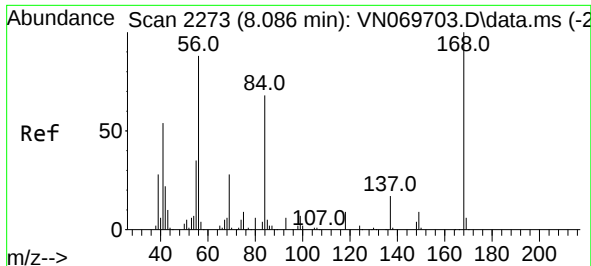
Instrument :
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Quant Time: Dec 21 20:12:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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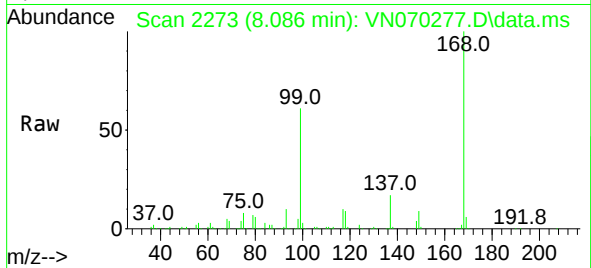
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070277.D
Acq: 21 Dec 2021 19:16

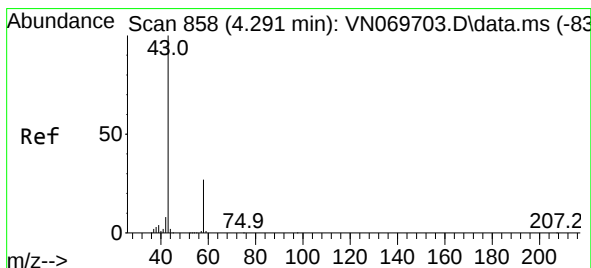
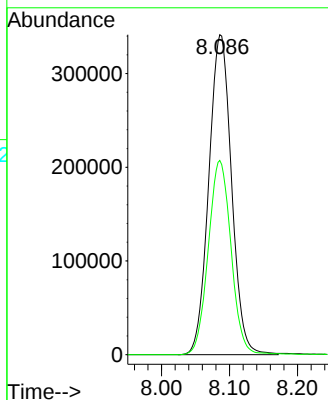
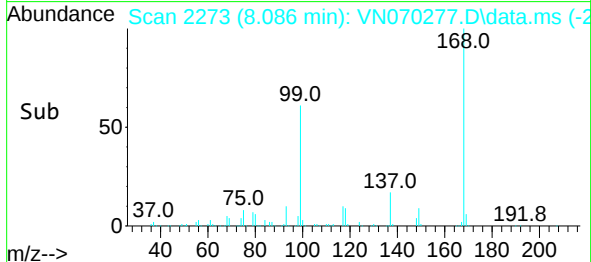
Instrument :
MSVOA_N
ClientSampleId :
EQUIPMENT-BLANK



Tgt Ion:168 Resp: 794589
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9

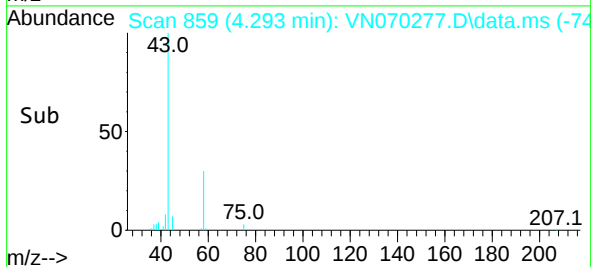
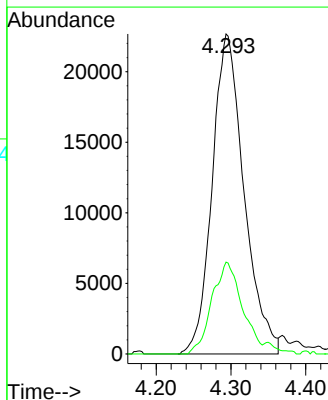
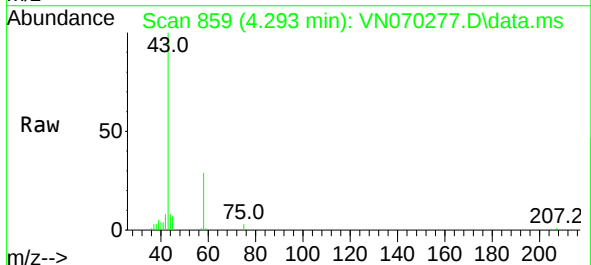
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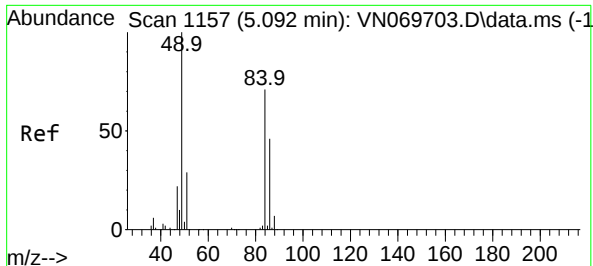
Reviewed By :John Carlone 12/22/2021
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#16
Acetone
Concen: 9.079 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070277.D
Acq: 21 Dec 2021 19:16

Tgt Ion: 43 Resp: 67002
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7





#20

Methylene Chloride

Concen: 0.850 ug/l m

RT: 5.098 min Scan# 1157

Delta R.T. 0.006 min

Lab File: VN070277.D

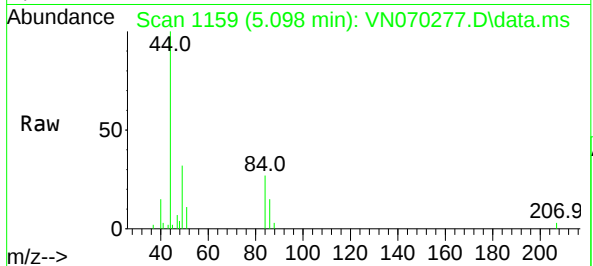
Acq: 21 Dec 2021 19:16

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENT-BLANK



Tgt Ion: 84 Resp: 8339

Ion Ratio Lower Upper

84 100

49 120.0 93.5 140.3

51 42.0 29.4 44.2

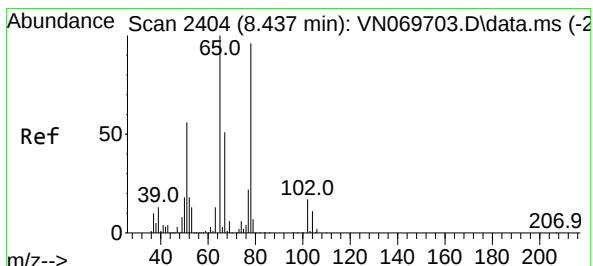
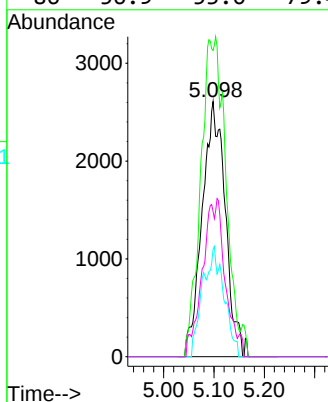
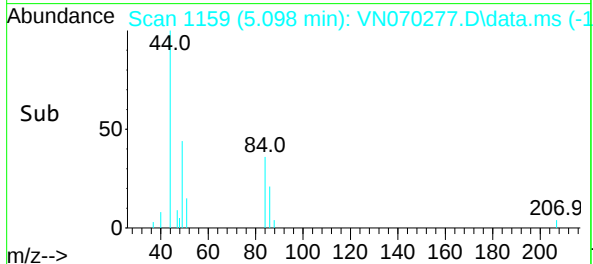
86 56.9 53.0 79.4

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#33

1,2-Dichloroethane-d4

Concen: 56.050 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070277.D

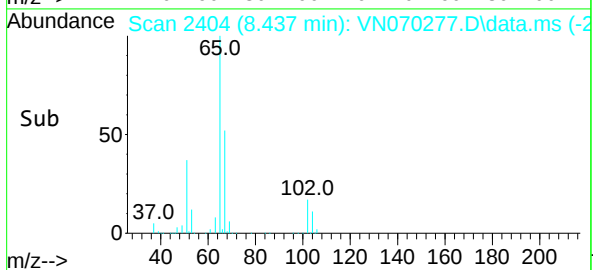
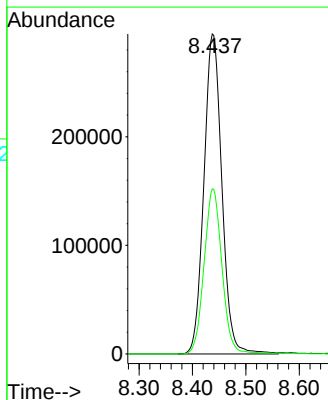
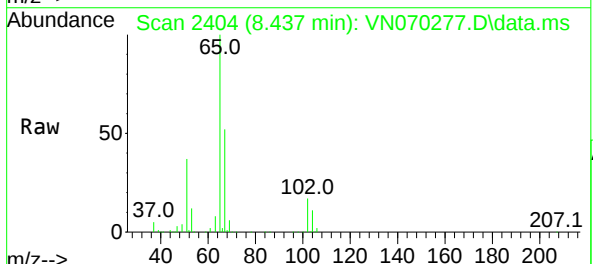
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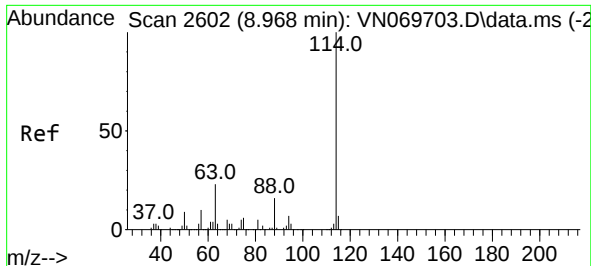
Tgt Ion: 65 Resp: 687647

Ion Ratio Lower Upper

65 100

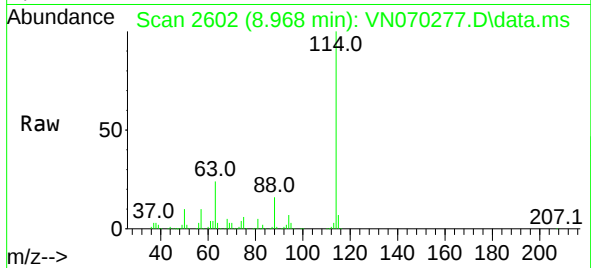
67 51.3 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070277.D
Acq: 21 Dec 2021 19:16

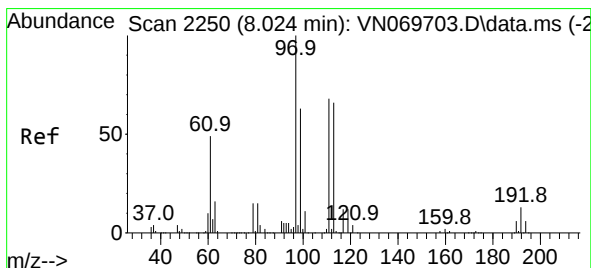
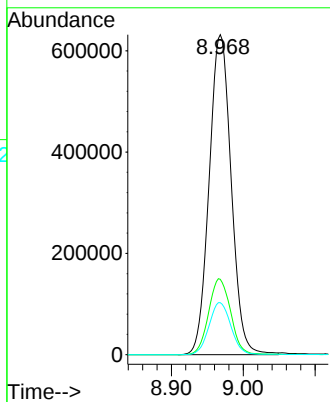
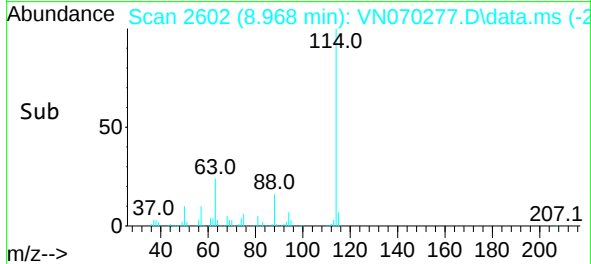
Instrument :
MSVOA_N
ClientSampleId :
EQUIPMENT-BLANK



Tgt Ion:114 Resp: 1345849
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.3 0.0 27.4

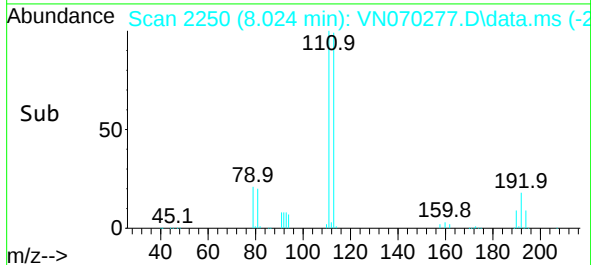
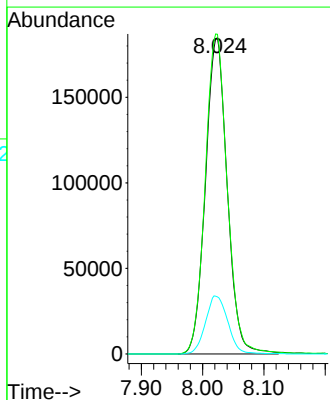
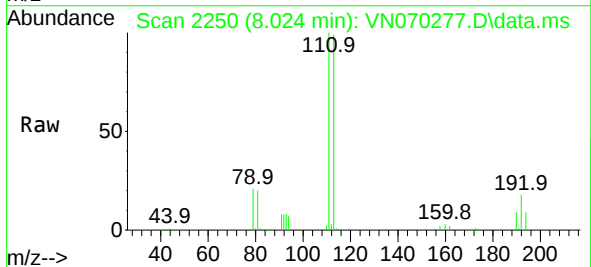
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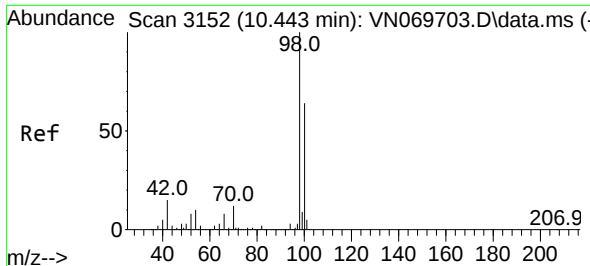
Reviewed By :John Carlone 12/22/2021
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#35
Dibromofluoromethane
Concen: 54.099 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070277.D
Acq: 21 Dec 2021 19:16

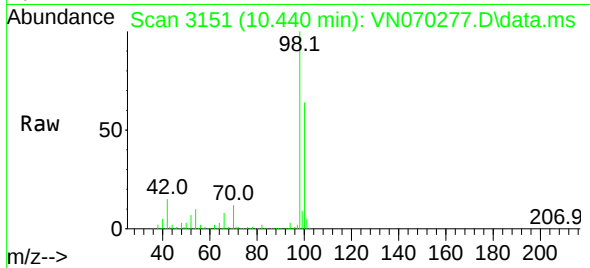
Tgt Ion:113 Resp: 456061
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 18.8 16.9 25.3





#50
Toluene-d8
Concen: 50.764 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070277.D
Acq: 21 Dec 2021 19:16

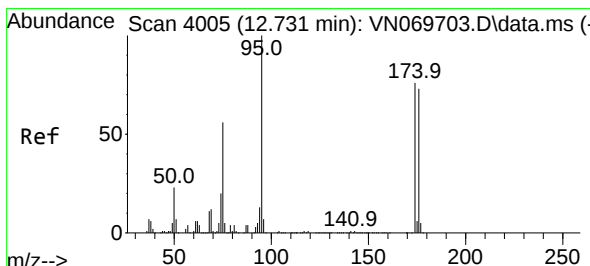
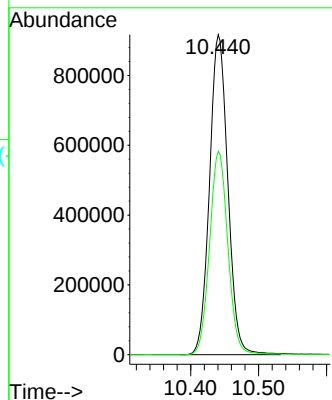
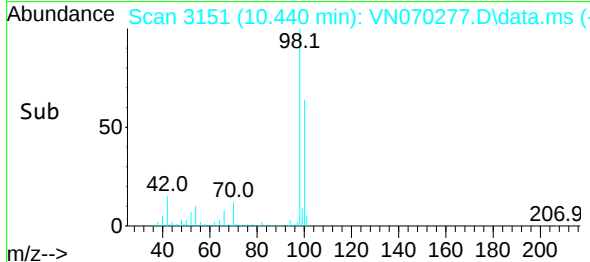
Instrument :
MSVOA_N
ClientSampleId :
EQUIPMENT-BLANK



Tgt Ion: 98 Resp: 1718349
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6

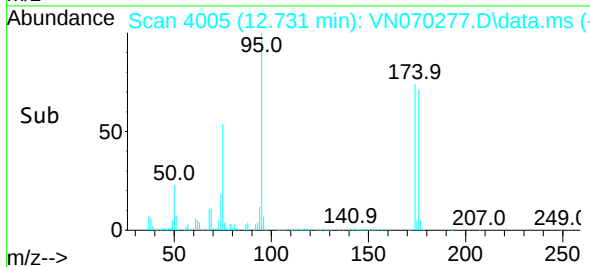
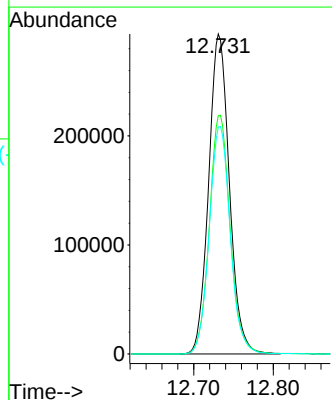
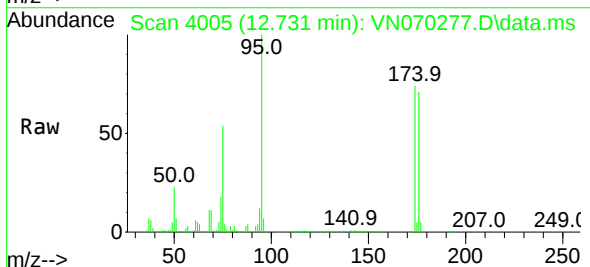
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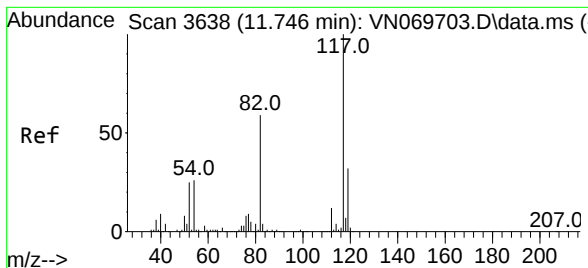
Reviewed By :John Carlone 12/22/2021
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#62
4-Bromofluorobenzene
Concen: 43.315 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070277.D
Acq: 21 Dec 2021 19:16

Tgt Ion: 95 Resp: 531169
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 30

Delta R.T. -0.002 min

Lab File: VN070277.D

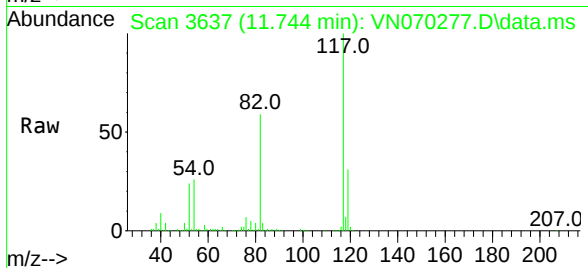
Acq: 21 Dec 2021 19:16

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENT-BLANK



Tgt Ion:117 Resp: 116565

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

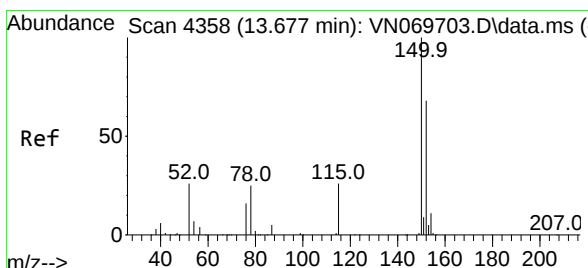
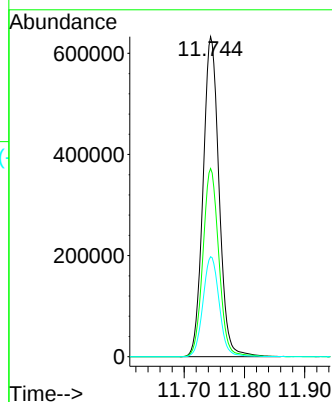
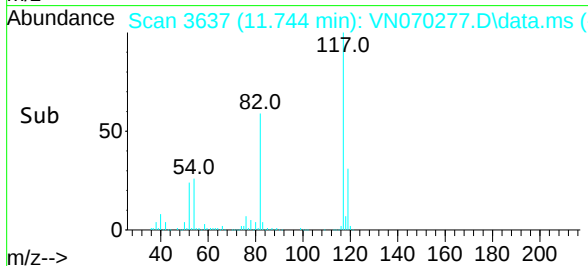
119 31.2 25.4 38.2

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.002 min

Lab File: VN070277.D

Acq: 21 Dec 2021 19:16

Tgt Ion:152 Resp: 370072

Ion Ratio Lower Upper

152 100

115 61.6 27.5 82.5

150 159.3 0.0 344.4

