

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070115.D
 Acq On : 15 Dec 2021 16:44
 Operator : JC/MD
 Sample : M4970-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 16 05:40:06 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	8.088	168	1152292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2180634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2580180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1076449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	919062	51.658	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.320%			
35) Dibromofluoromethane	8.024	113	642968	47.073	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.140%			
50) Toluene-d8	10.443	98	2919713	53.235	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.480%			
62) 4-Bromofluorobenzene	12.731	95	1293086	65.079	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 130.160%			
Target Compounds						
16) Acetone	4.293	43	526072	49.155	ug/l	97
19) Methyl tert-butyl Ether	5.629	73	10587	0.248	ug/l #	16
25) 2-Butanone	7.345	43	81679	5.617	ug/l	93
40) Benzene	8.464	78	165028	2.601	ug/l	98
51) 4-Methyl-2-Pentanone	10.336	43	38794	1.308	ug/l	94
52) Toluene	10.505	92	31295	0.808	ug/l	96
86) p-Isopropyltoluene	13.616	119	58069m	0.802	ug/l	
95) Naphthalene	15.512	128	20509	4.344	ug/l #	95

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

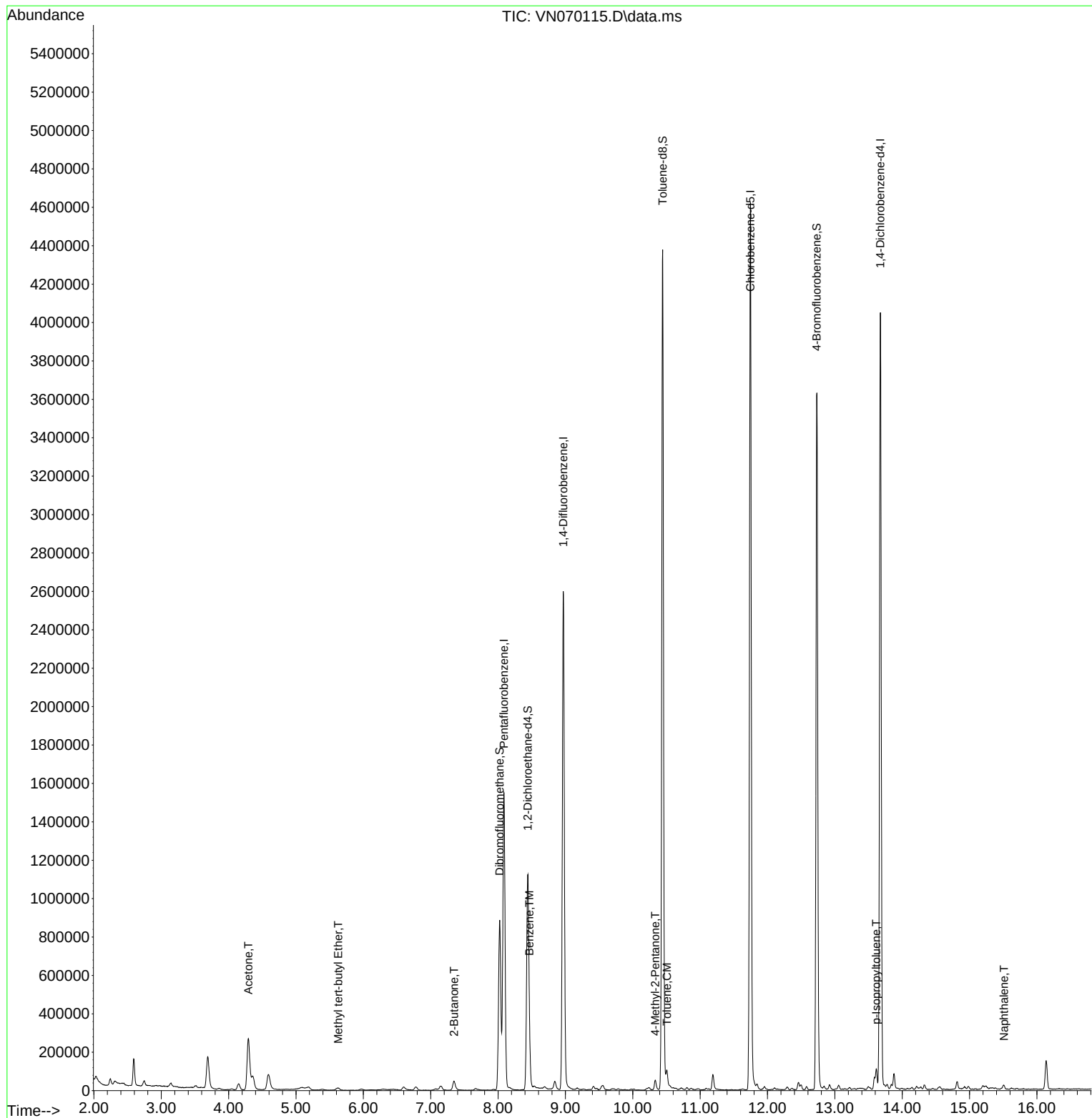
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
Data File : VN070115.D
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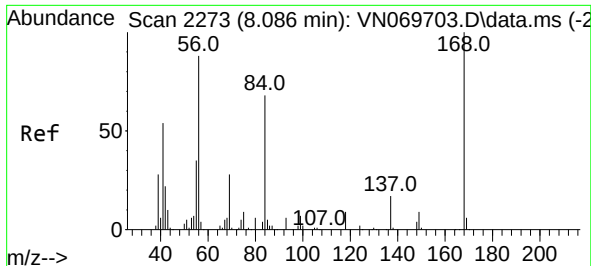
Instrument :
MSVOA_N
ClientSampleId :
SW-2

Quant Time: Dec 16 05:40:06 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

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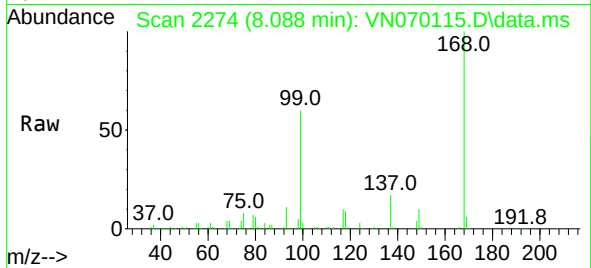
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/21/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44

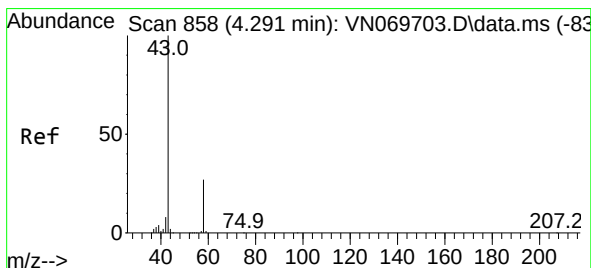
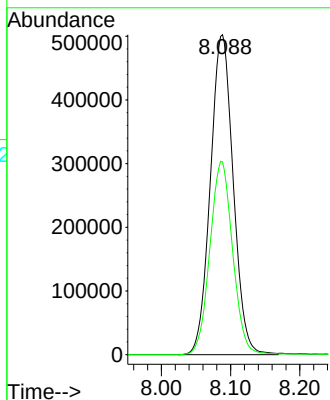
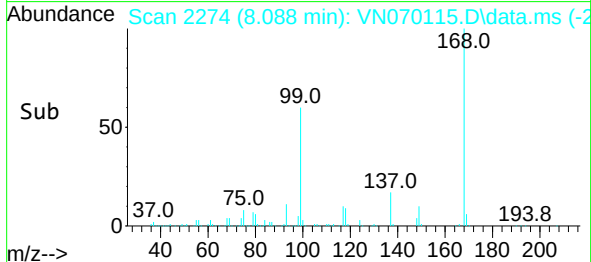
Instrument :
MSVOA_N
ClientSampleId :
SW-2



Tgt Ion:168 Resp: 115229
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9

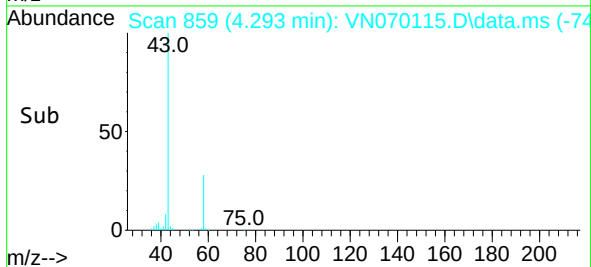
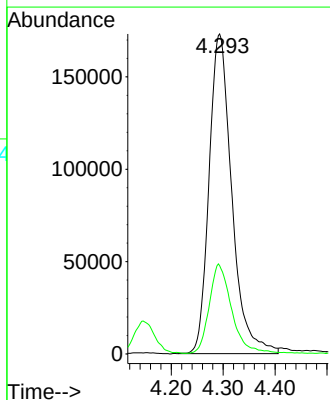
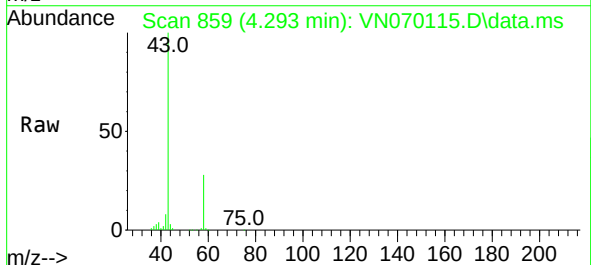
Manual Integrations
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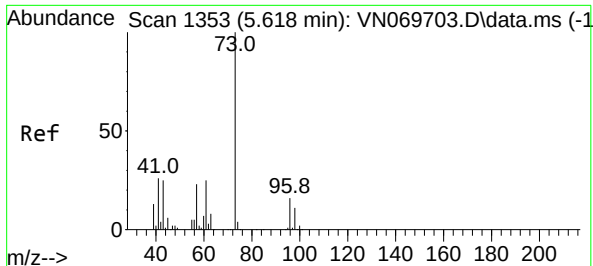
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/21/2021



#16
Acetone
Concen: 49.155 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44

Tgt Ion: 43 Resp: 526072
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 0.248 ug/l

RT: 5.629 min Scan# 11

Delta R.T. 0.011 min

Lab File: VN070115.D

Acq: 15 Dec 2021 16:44

Instrument :

MSVOA_N

ClientSampleId :

SW-2

Tgt Ion: 73 Resp: 1058

Ion Ratio Lower Upper

73 100

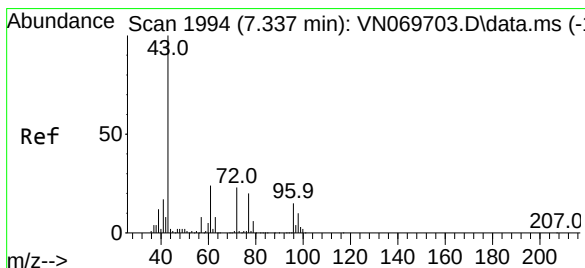
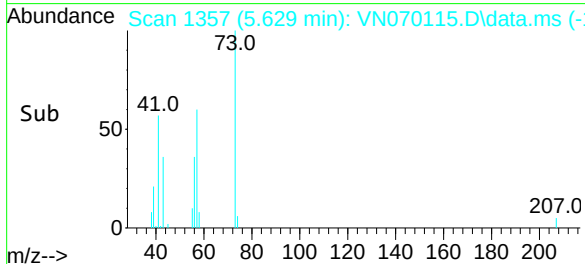
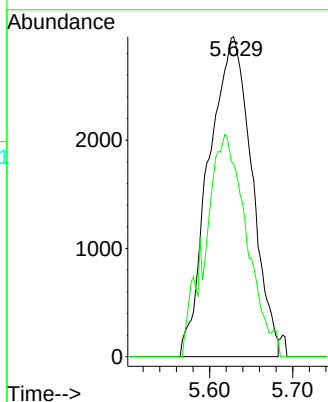
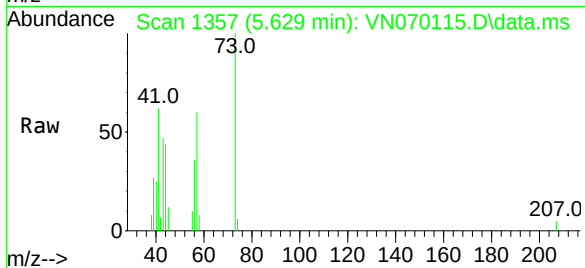
57 60.1 16.8 25.2

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#25

2-Butanone

Concen: 5.617 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

Lab File: VN070115.D

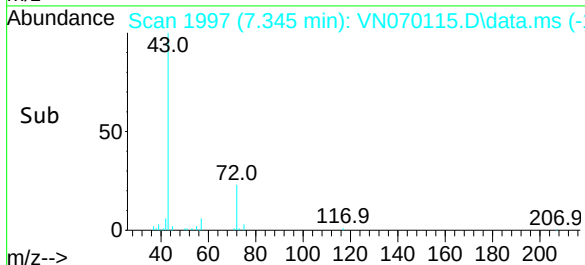
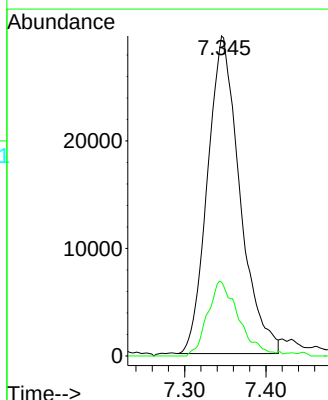
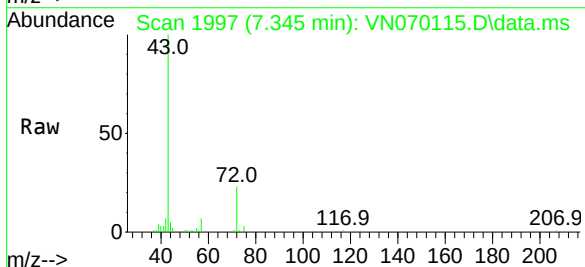
Acq: 15 Dec 2021 16:44

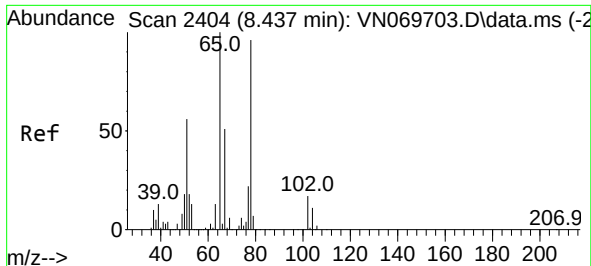
Tgt Ion: 43 Resp: 81679

Ion Ratio Lower Upper

43 100

72 23.2 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 51.658 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070115.D

Acq: 15 Dec 2021 16:44

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 65 Resp: 919062

Ion Ratio Lower Upper

65 100

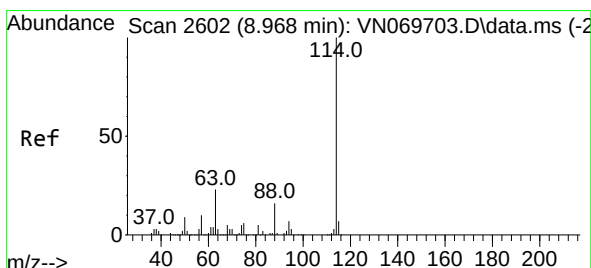
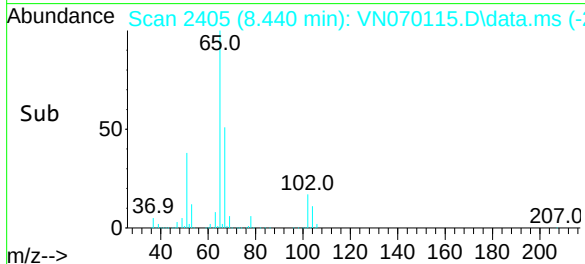
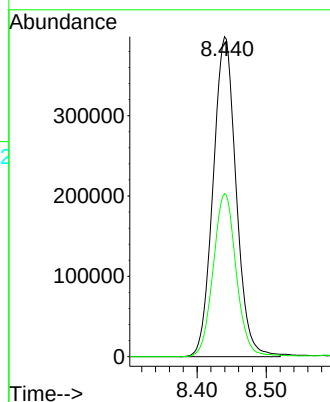
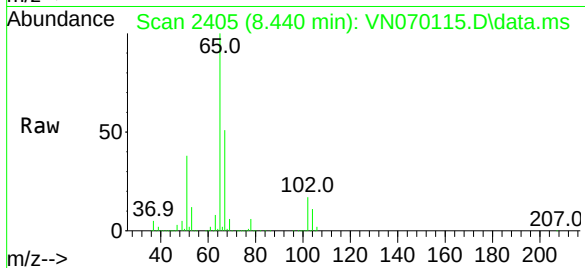
67 51.2 0.0 103.0

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Supervised By :Mahesh Dadoda 12/21/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070115.D

Acq: 15 Dec 2021 16:44

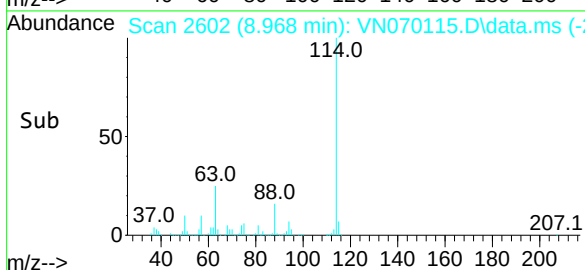
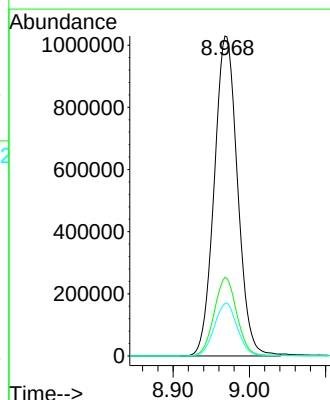
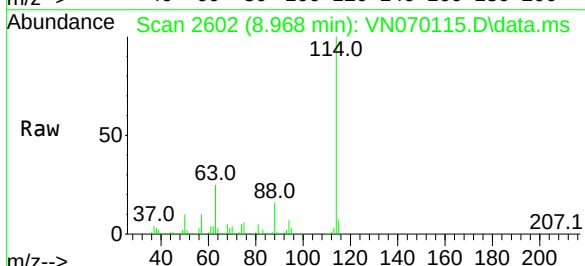
Tgt Ion:114 Resp: 2180634

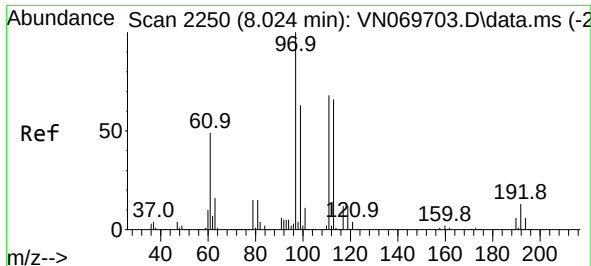
Ion Ratio Lower Upper

114 100

63 24.5 0.0 37.8

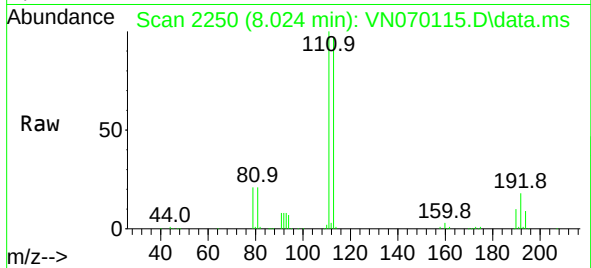
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.073 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44

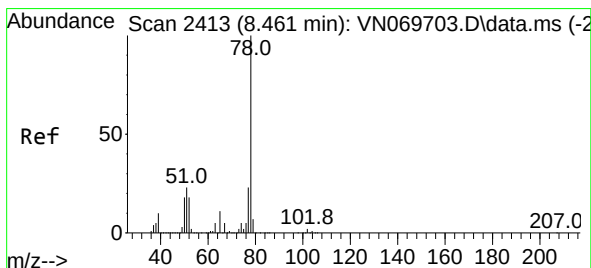
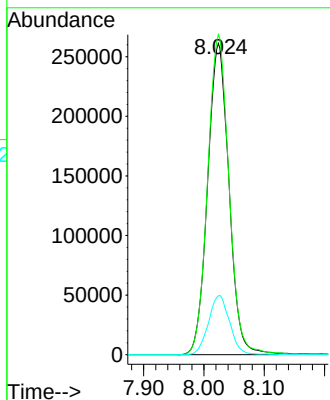
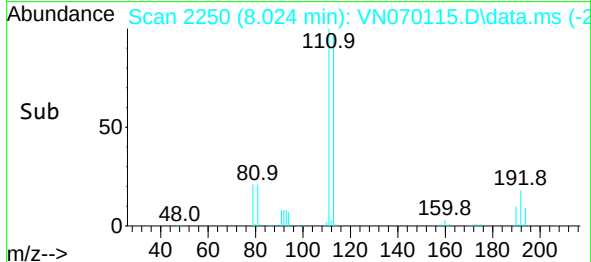
Instrument :
MSVOA_N
ClientSampleId :
SW-2



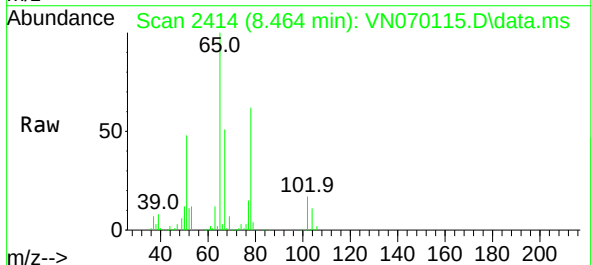
Tgt Ion:113 Resp: 642968
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.8 16.9 25.3

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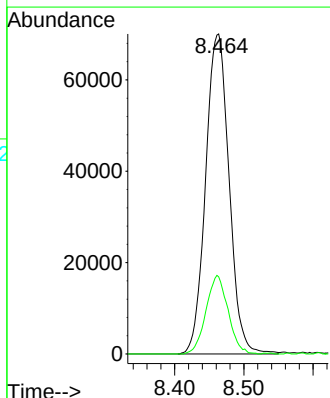
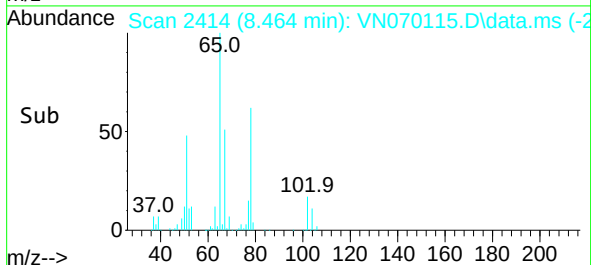
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/21/2021

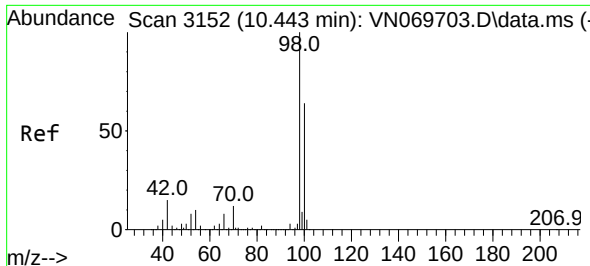


#40
Benzene
Concen: 2.601 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44



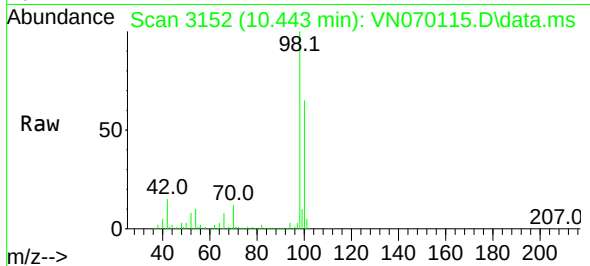
Tgt Ion: 78 Resp: 165028
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#50
Toluene-d8
Concen: 53.235 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44

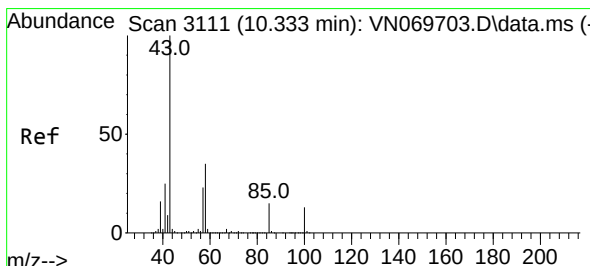
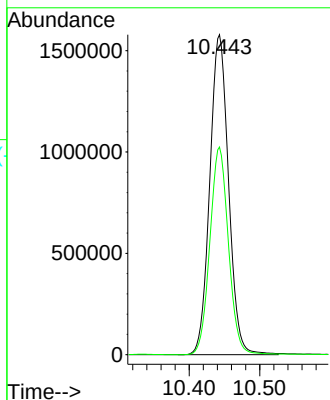
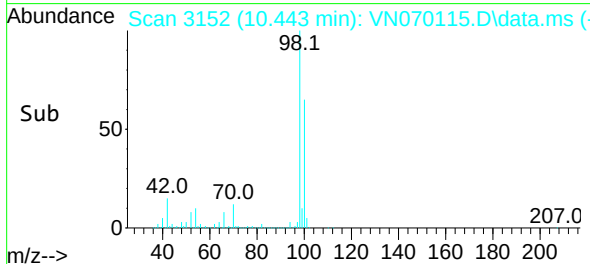
Instrument :
MSVOA_N
ClientSampleId :
SW-2



Tgt Ion: 98 Resp: 291971
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

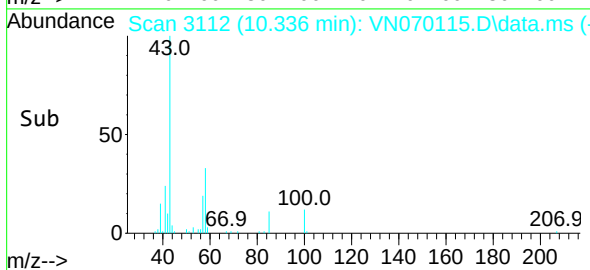
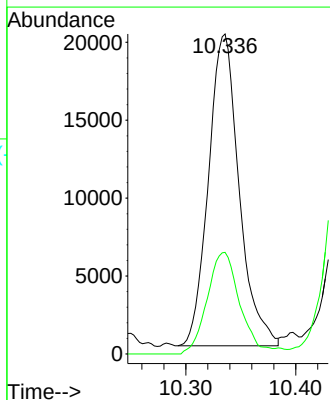
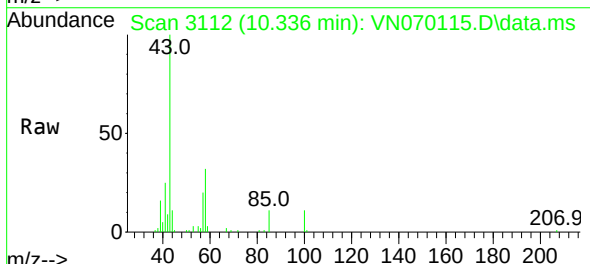
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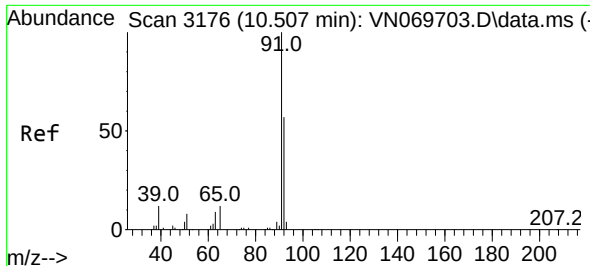
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/21/2021



#51
4-Methyl-2-Pentanone
Concen: 1.308 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44

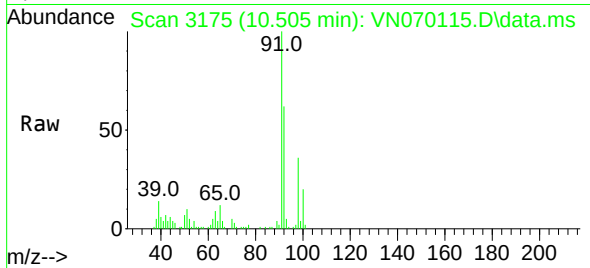
Tgt Ion: 43 Resp: 38794
Ion Ratio Lower Upper
43 100
58 34.4 30.4 45.6





#52
Toluene
Concen: 0.808 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44

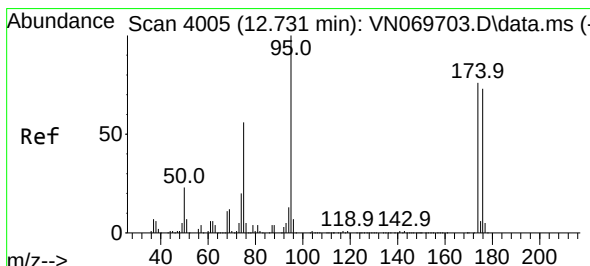
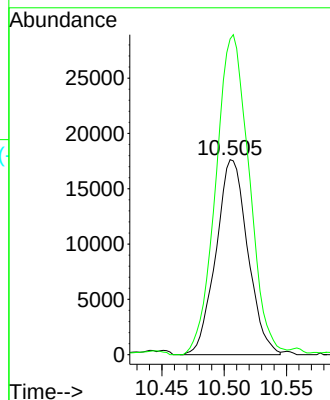
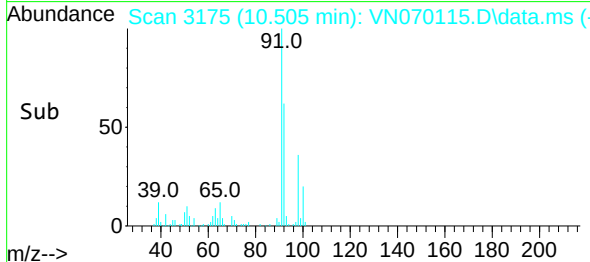
Instrument :
MSVOA_N
ClientSampleId :
SW-2



Tgt Ion: 92 Resp: 3129
Ion Ratio Lower Upper
92 100
91 172.5 142.0 213.0

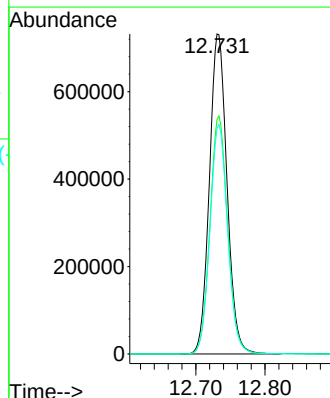
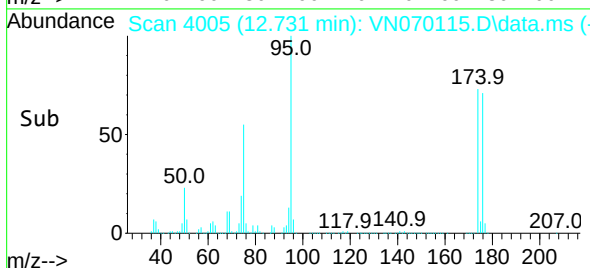
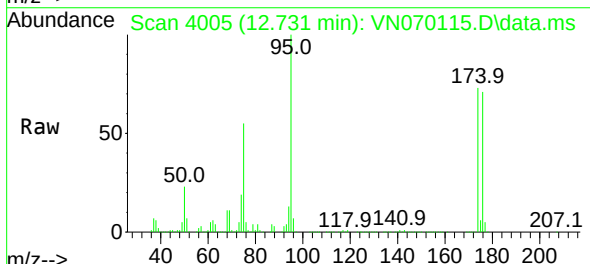
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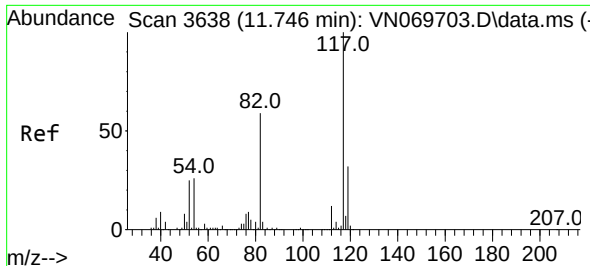
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/21/2021



#62
4-Bromofluorobenzene
Concen: 65.079 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44

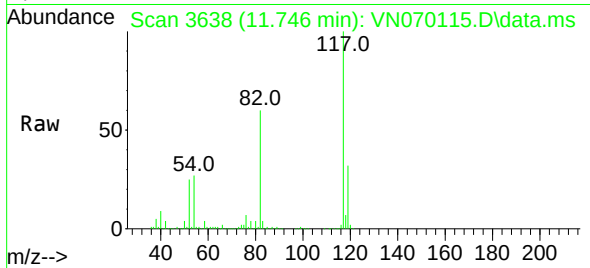
Tgt Ion: 95 Resp: 1293086
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44

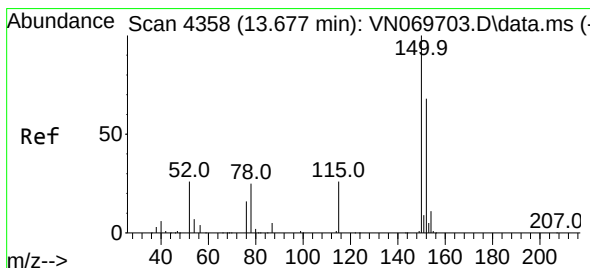
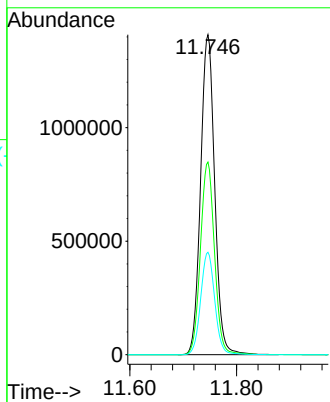
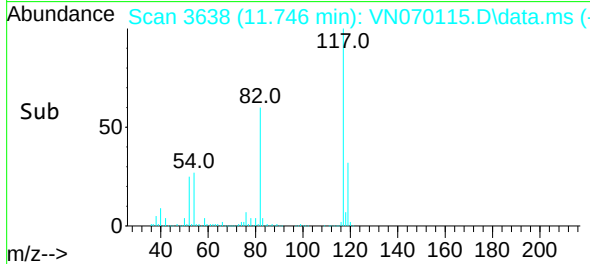
Instrument :
MSVOA_N
ClientSampleId :
SW-2



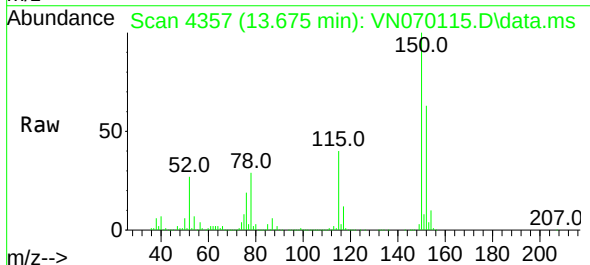
Tgt Ion:117 Resp: 2580180
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
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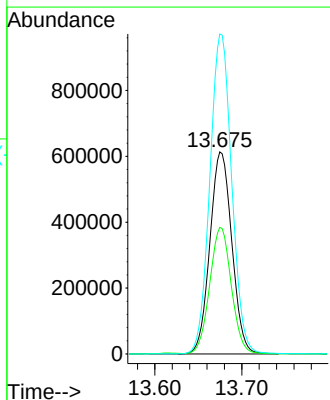
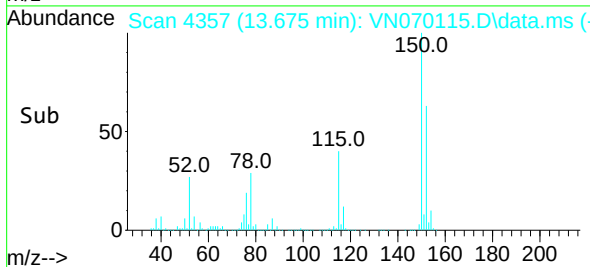
Reviewed By :John Carlone 12/21/2021
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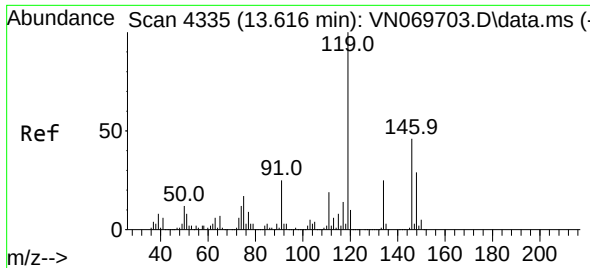


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44



Tgt Ion:152 Resp: 1076449
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 157.7 0.0 344.4





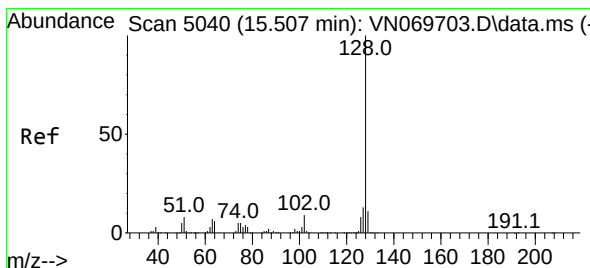
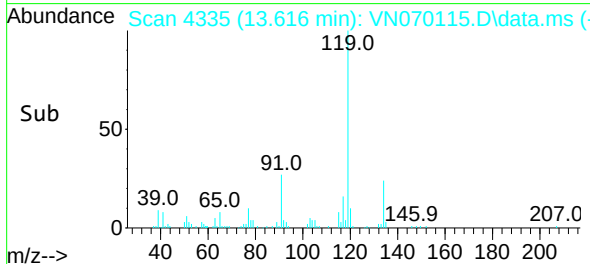
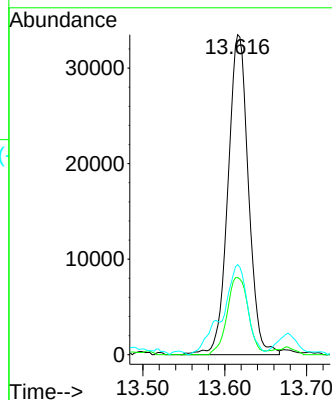
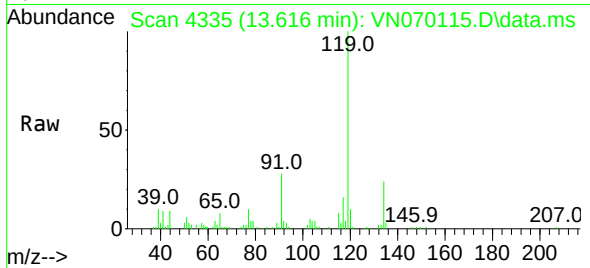
#86
p-Isopropyltoluene
Concen: 0.802 ug/l m
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44

Instrument :
MSVOA_N
ClientSampleId :
SW-2

Tgt Ion:119 Resp: 58069
Ion Ratio Lower Upper
119 100
134 0.0 13.6 40.7
91 0.0 11.4 34.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/21/2021



#95
Naphthalene
Concen: 4.344 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN070115.D
Acq: 15 Dec 2021 16:44

Tgt Ion:128 Resp: 20509
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 7.1 8.7 13.1

