

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049603.D
 Acq On : 28 Jun 2018 21:00
 Operator : MD\SY
 Sample : J3242-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-062618-A

Manual Integrations
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 6/29/2018 1:46:46 PM

Quant Time: Jun 29 04:03:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1133213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1841028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1515966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	604295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	759852	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	7.59	113	674402	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	10.09	98	2460941	43.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.78%	
62) 4-Bromofluorobenzene	12.40	95	719153	38.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.70%	
Target Compounds						
16) Acetone	3.83	43	78844	21.60	ug/l	97
18) Methyl Acetate	4.33	43	154233	13.86	ug/l	95
20) Methylene Chloride	4.55	84	831161	54.53	ug/l	91
25) 2-Butanone	6.85	43	14568m	2.97	ug/l	
44) Trichloroethene	8.84	130	66603	3.90	ug/l	93
95) Naphthalene	15.14	128	145045	10.53	ug/l	99

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

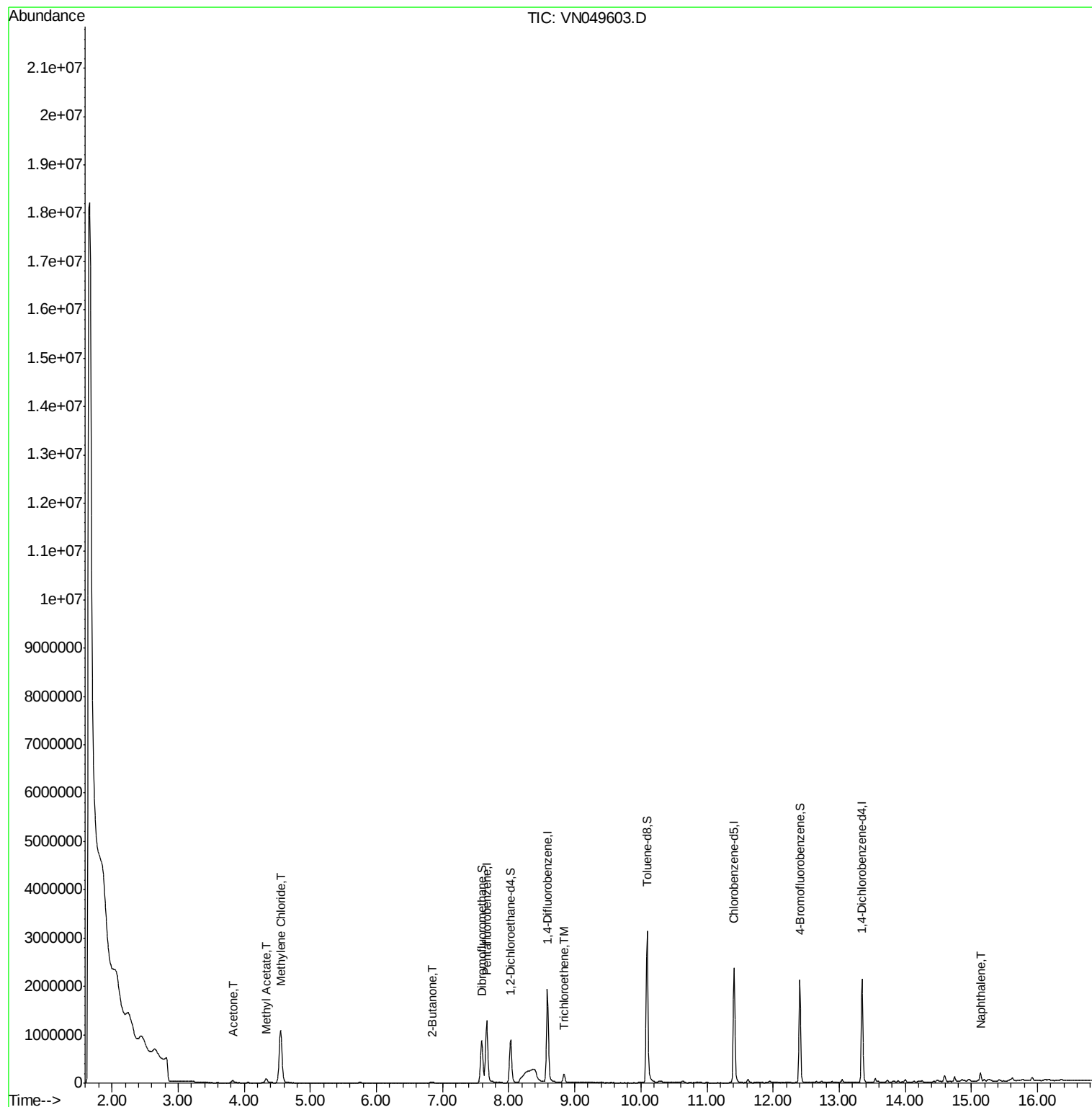
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049603.D
Acq On : 28 Jun 2018 21:00
Operator : MD\SY
Sample : J3242-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

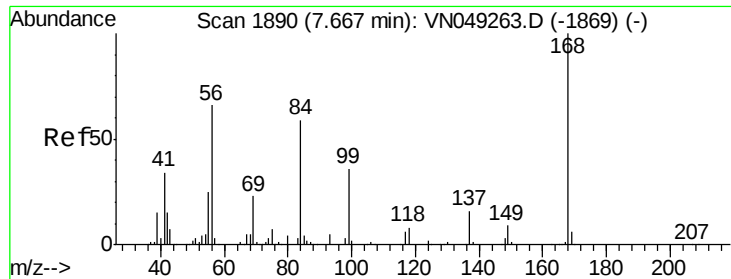
Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-A

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Quant Time: Jun 29 04:03:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

JC-02-062618-A

Tot Ion:168 Resp: 1133213

Ion Ratio Lower Upper

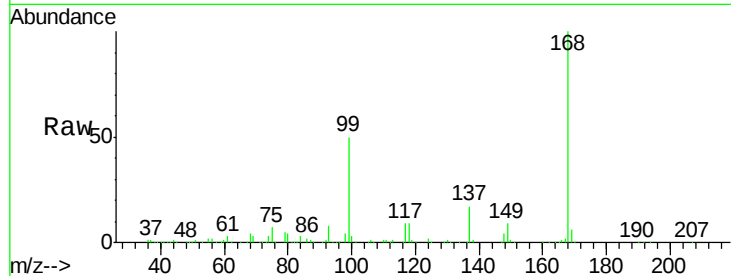
168 100

99 50.0 45.8 68.6

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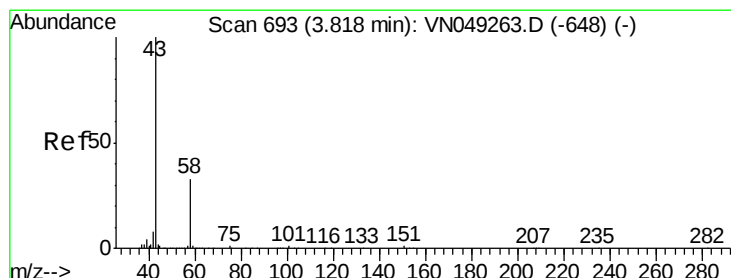
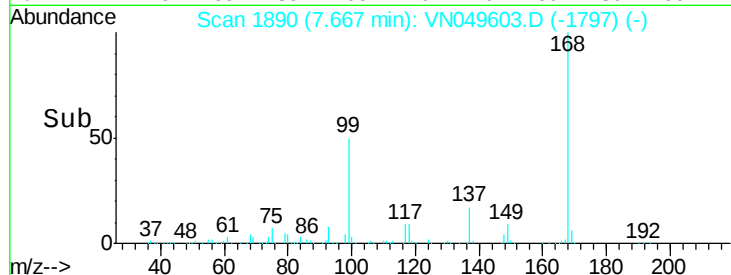
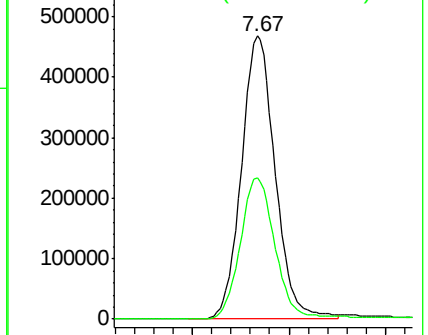
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 21.60 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049603.D

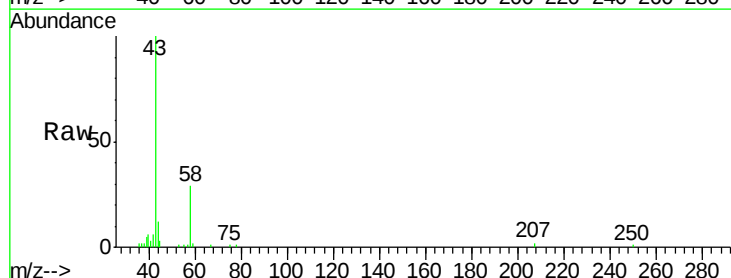
Acq: 28 Jun 2018 21:00

Tgt Ion: 43 Resp: 78844

Ion Ratio Lower Upper

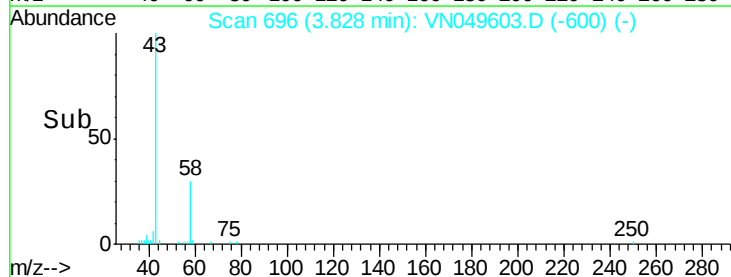
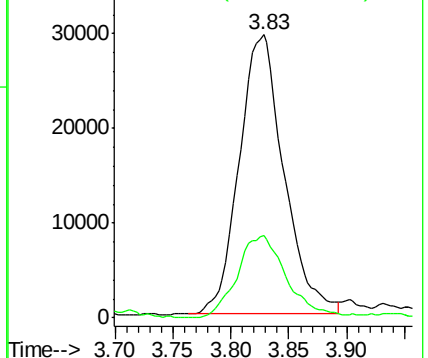
43 100

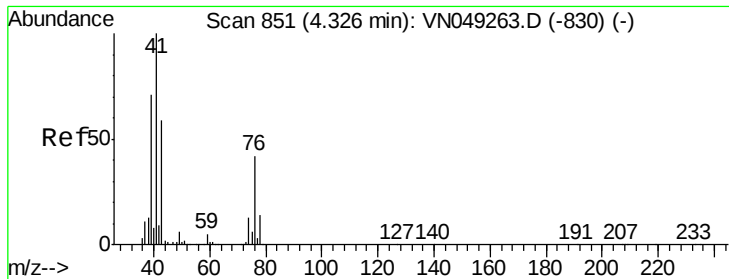
58 29.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





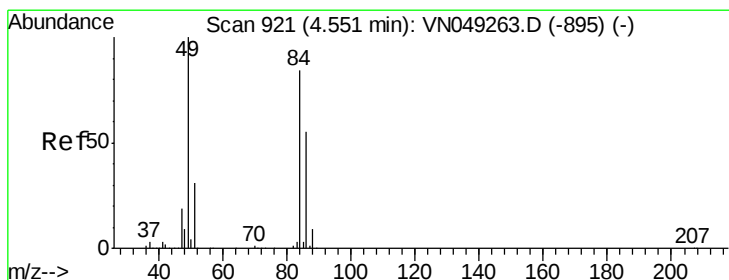
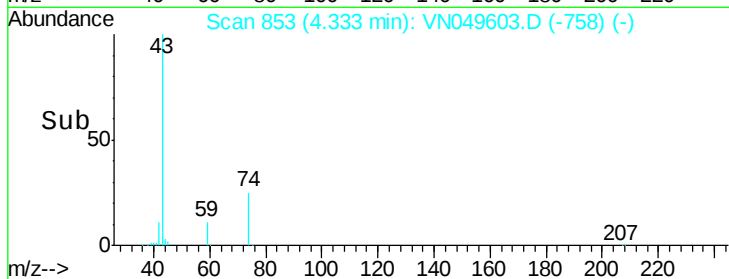
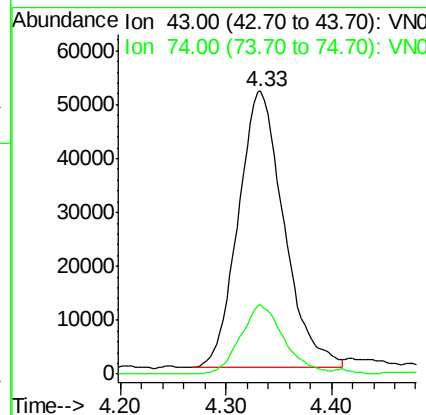
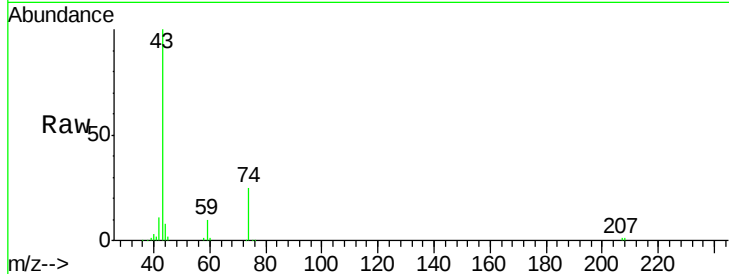
#18
Methvl Acetate
Concen: 13.86 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-A

Tot Ion: 43 Resp: 154233
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0

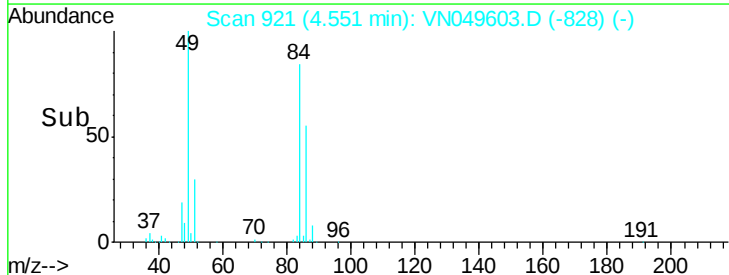
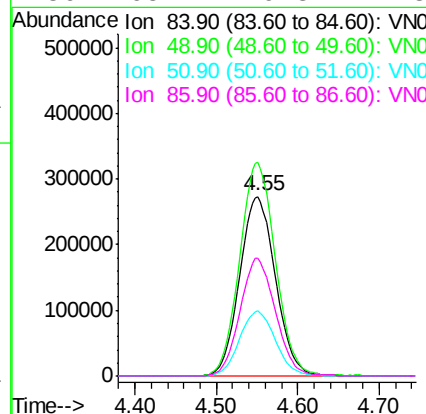
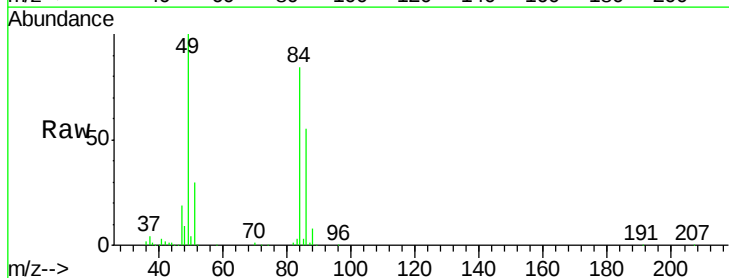
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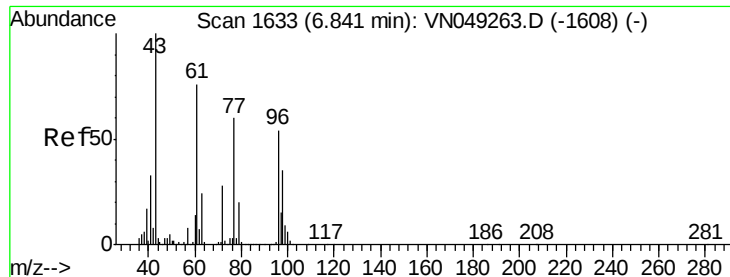
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#20
Methylene Chloride
Concen: 54.53 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion: 84 Resp: 831161
Ion Ratio Lower Upper
84 100
49 119.1 106.9 160.3
51 36.2 32.7 49.1
86 65.7 49.8 74.8





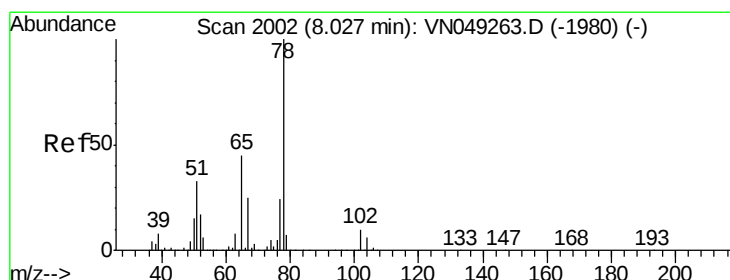
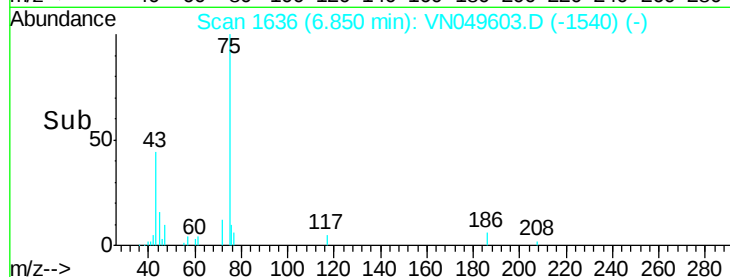
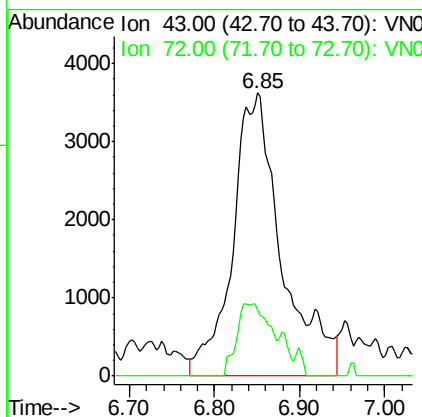
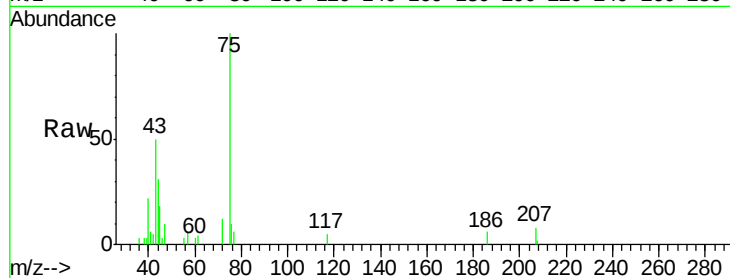
#25
2-Butanone
Concen: 2.97 ug/l m
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-A

Tot Ion: 43 Resp: 14568
Ion Ratio Lower Upper
43 100
72 23.3 20.2 30.2

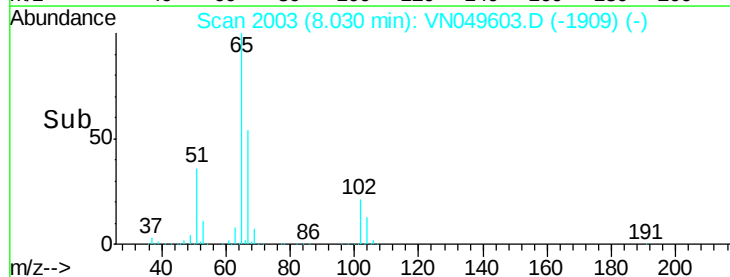
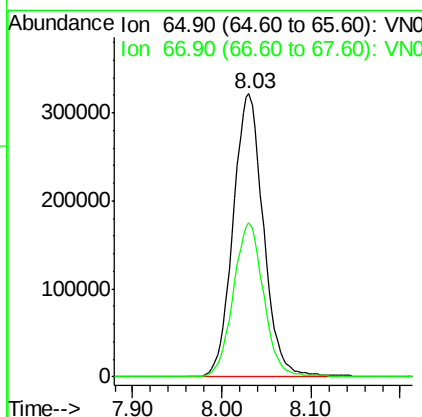
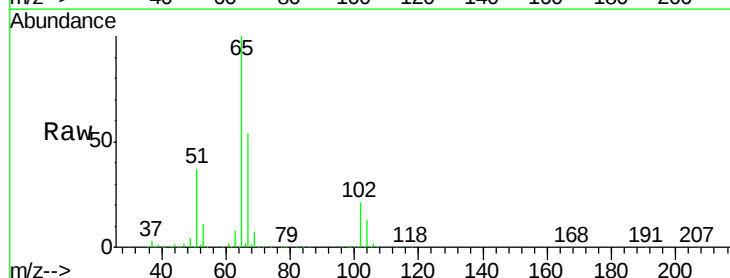
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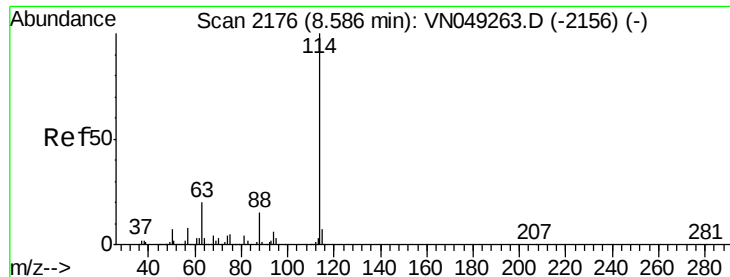
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#33
1,2-Dichloroethane-d4
Concen: 50.55 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion: 65 Resp: 759852
Ion Ratio Lower Upper
65 100
67 54.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

JC-02-062618-A

Tot Ion:114 Resp: 1841028

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

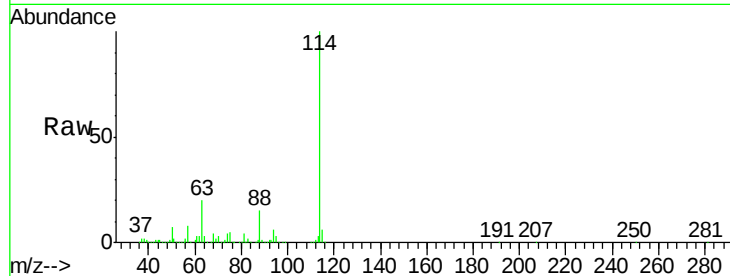
88 15.5 0.0 31.4

Manual Integrations

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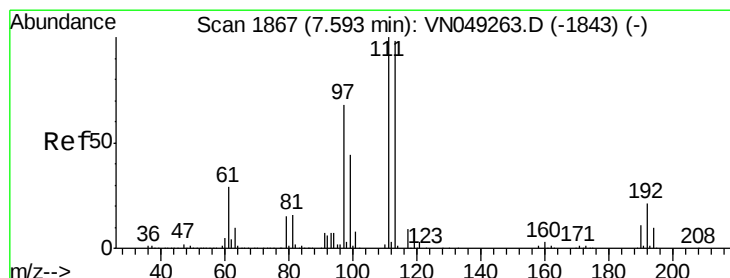
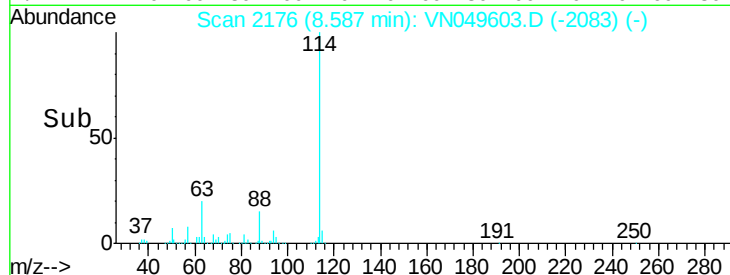
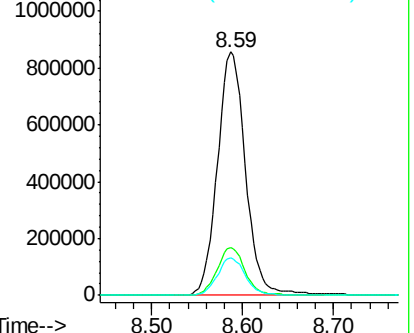
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.28 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

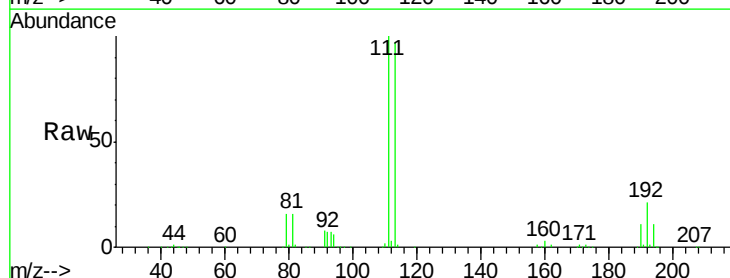
Tgt Ion:113 Resp: 674402

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

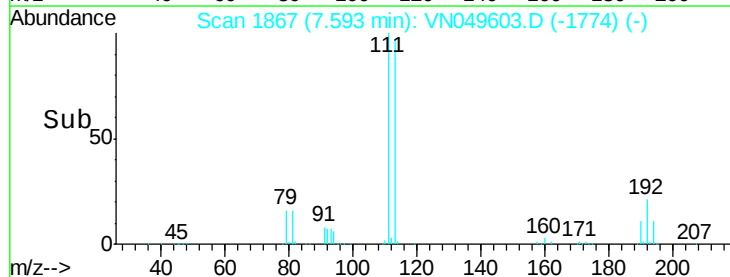
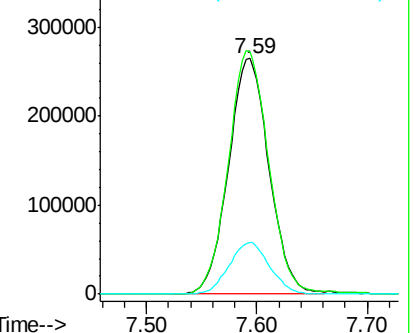
192 22.1 15.0 22.6

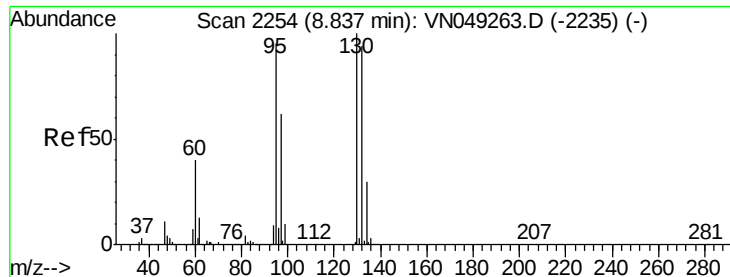


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.90 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

ClientSampleId :

JC-02-062618-A

Tot Ion:130 Resp: 66603

Ion Ratio Lower Upper

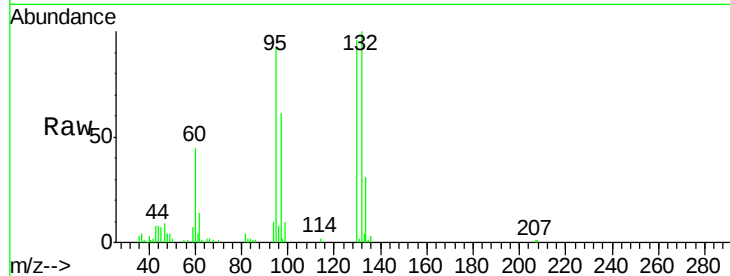
130 100

95 97.0 0.0 208.6

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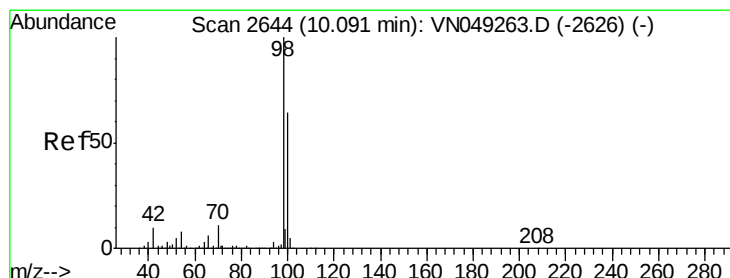
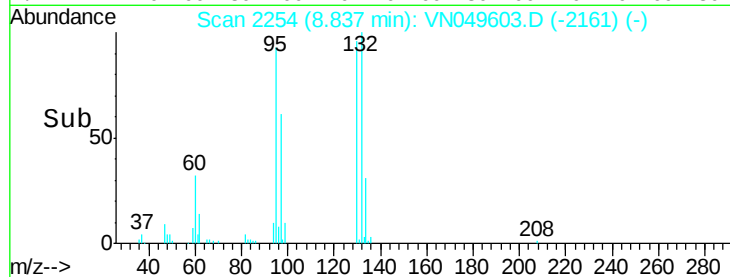
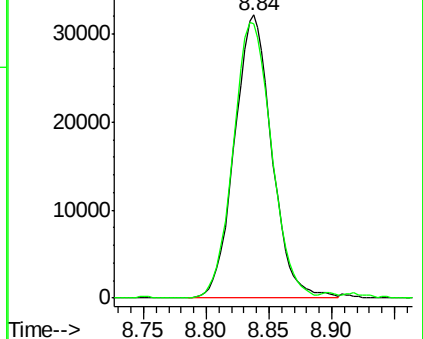
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 43.39 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049603.D

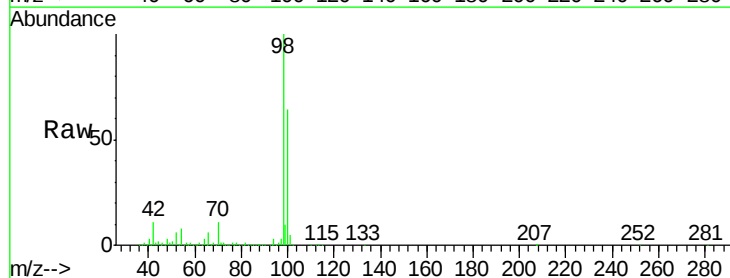
Acq: 28 Jun 2018 21:00

Tgt Ion: 98 Resp: 2460941

Ion Ratio Lower Upper

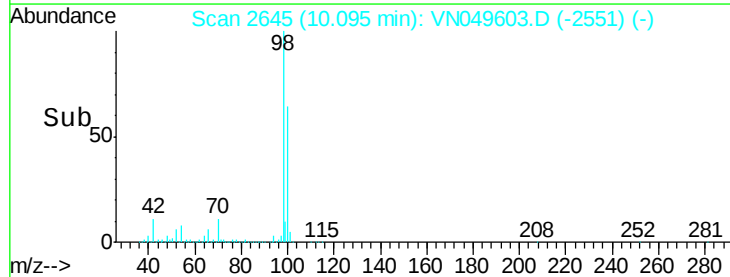
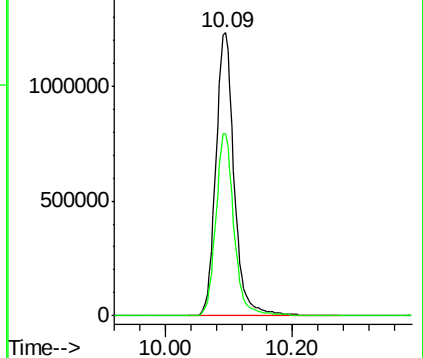
98 100

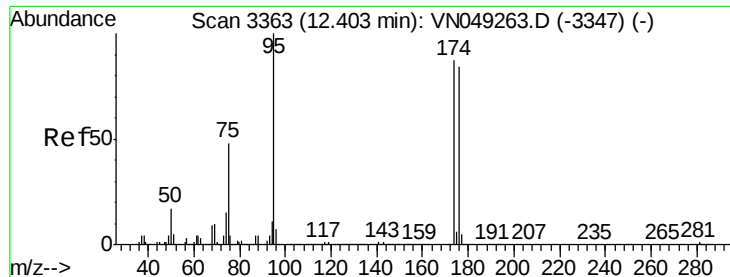
100 64.1 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





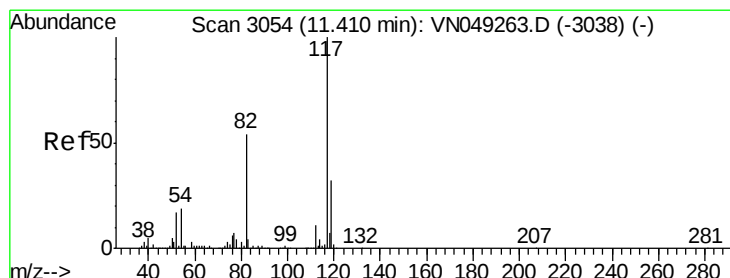
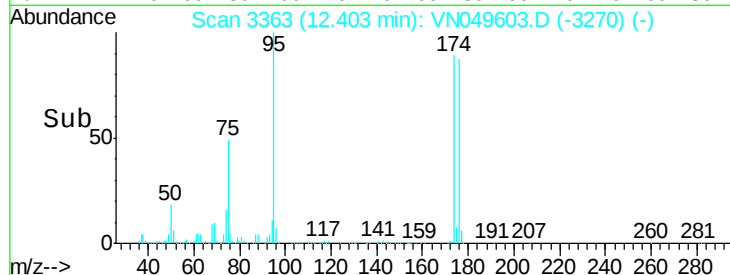
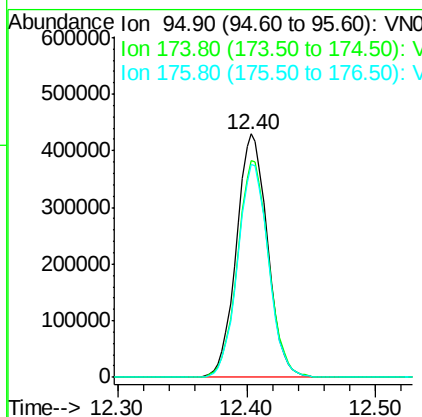
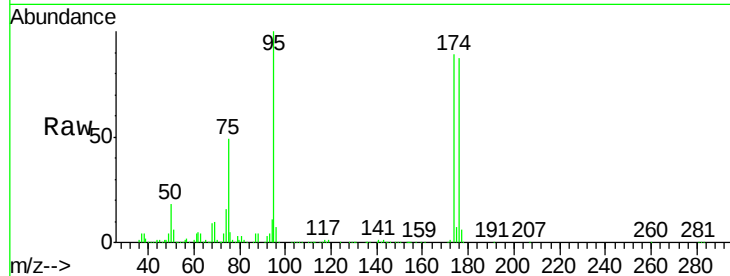
#62
4-Bromofluorobenzene
Concen: 38.35 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-A

Tot Ion	Ratio	Resp	Lower	Upper
95	100	719153		
174	89.4	0.0	165.6	
176	87.1	0.0	157.4	

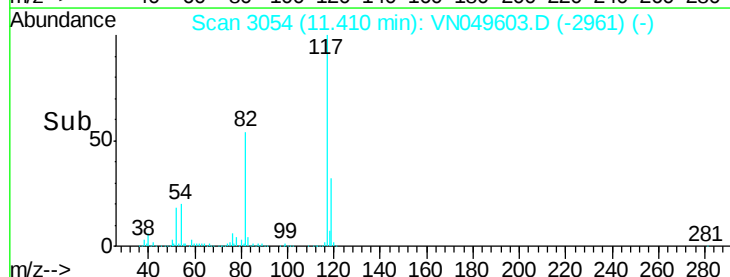
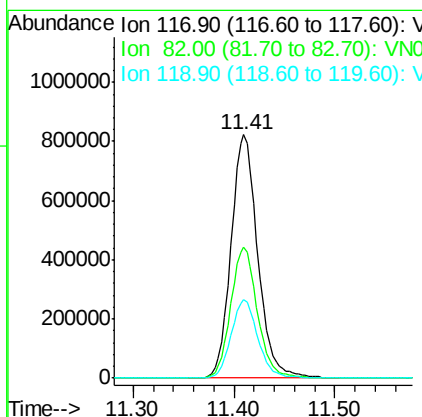
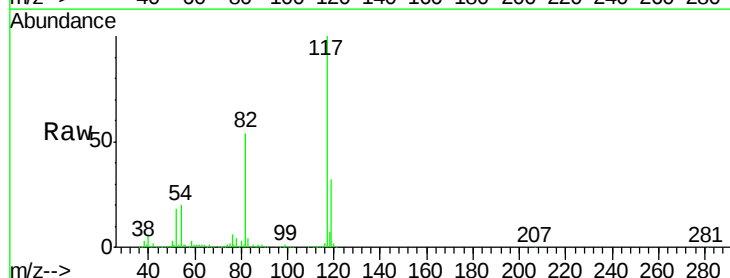
Manual Integrations
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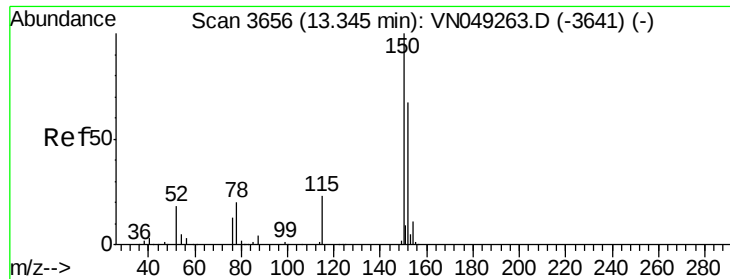
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049603.D
Acq: 28 Jun 2018 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1515966		
82	53.5	45.9	68.9	
119	32.0	25.5	38.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Instrument :

MSVOA_N

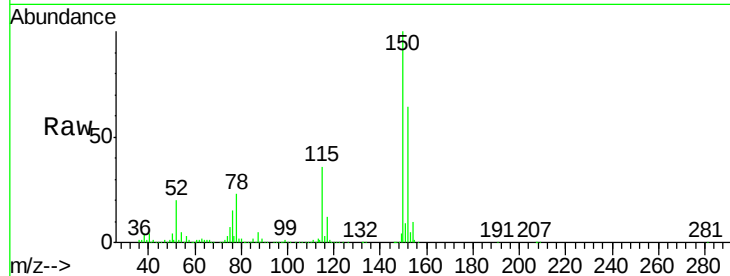
ClientSampleId :

JC-02-062618-A

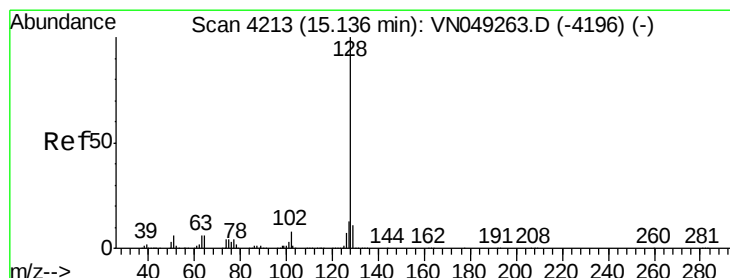
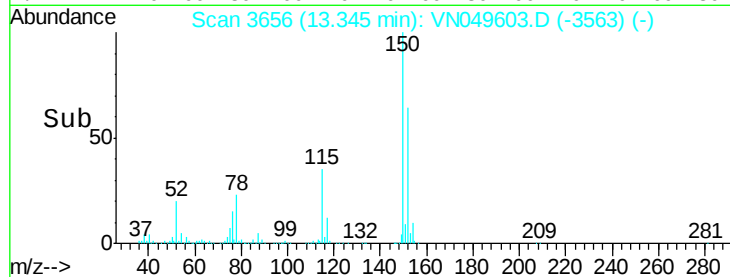
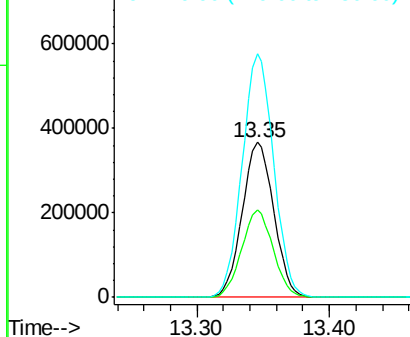
Tot Ion:	152	Resp:	604295
Ion Ratio	Lower	Upper	
152	100		
115	56.8	28.7	86.1
150	157.1	0.0	351.0

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 10.53 ug/l

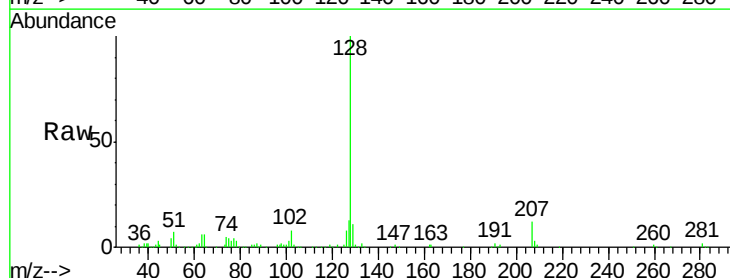
RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049603.D

Acq: 28 Jun 2018 21:00

Tgt Ion:	128	Resp:	145045
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	11.5	8.5	12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

