

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049600.D
 Acq On : 28 Jun 2018 19:43
 Operator : MD\SY
 Sample : J3048-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-S

Manual Integrations
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 6/29/2018 1:46:44 PM

Quant Time: Jun 29 03:47:29 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	1069906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1750854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1438223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	583631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	736458	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.59	113	644434	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
50) Toluene-d8	10.09	98	2325688	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	
62) 4-Bromofluorobenzene	12.40	95	680779	38.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.34%	
Target Compounds						
8) Diethyl Ether	3.40	74	9839m	1.34	ug/l	Qvalue
16) Acetone	3.82	43	109960	31.91	ug/l	98
18) Methyl Acetate	4.33	43	138812	13.21	ug/l	93
20) Methylene Chloride	4.55	84	1307605	90.87	ug/l	91
25) 2-Butanone	6.84	43	22724	4.91	ug/l	94
95) Naphthalene	15.14	128	300475	19.73	ug/l	99

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

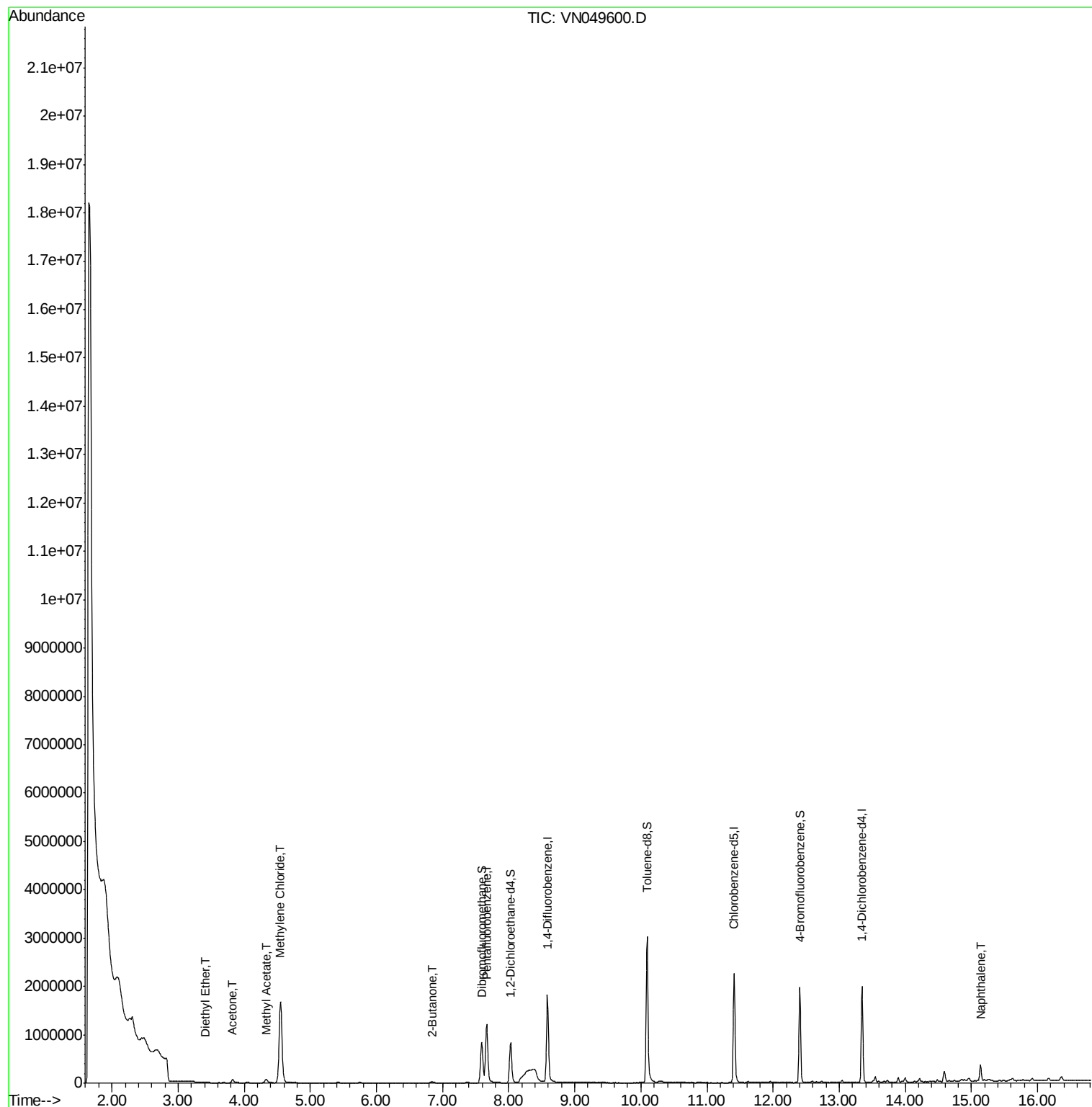
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049600.D
Acq On : 28 Jun 2018 19:43
Operator : MD\SY
Sample : J3048-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

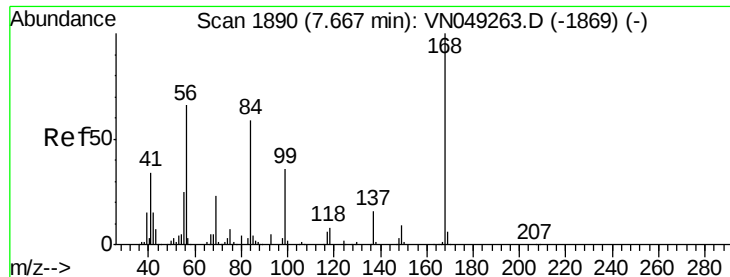
Instrument :
MSVOA_N
ClientSampleId :
TP-3-S

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Quant Time: Jun 29 03:47:29 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

TP-3-S

Tot Ion:168 Resp: 1069906

Ion Ratio Lower Upper

168 100

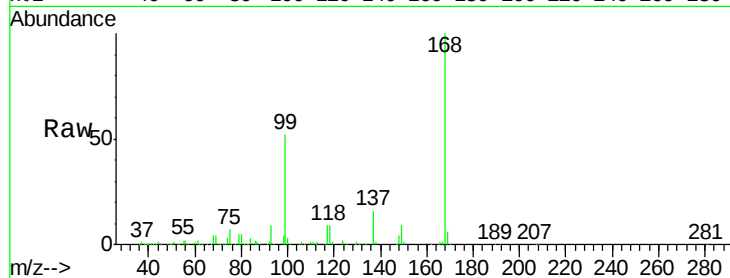
99 52.3 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

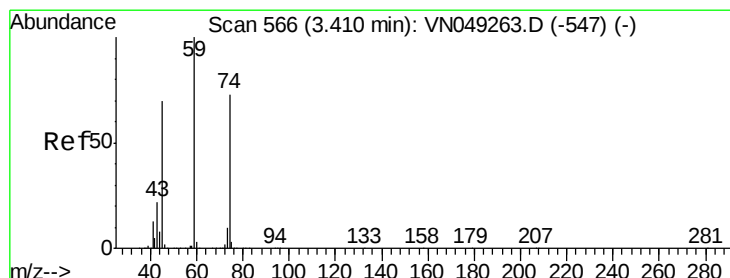
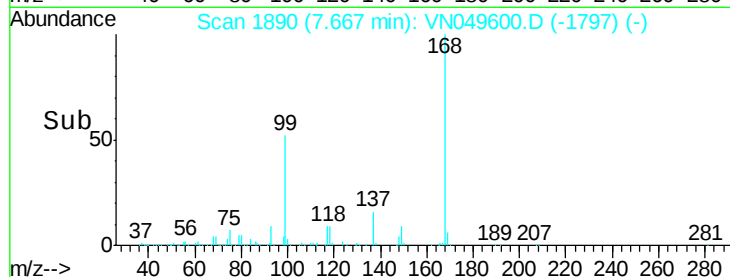
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.34 ug/l m

RT: 3.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: VN049600.D

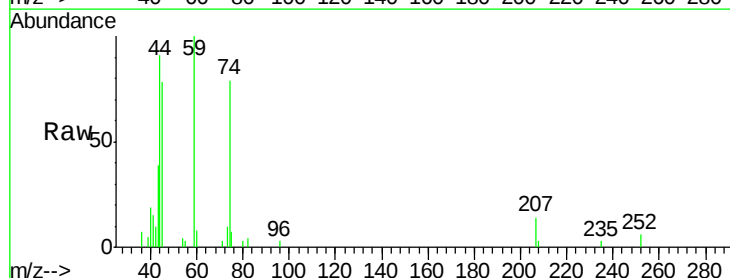
Acq: 28 Jun 2018 19:43

Tgt Ion: 74 Resp: 9839

Ion Ratio Lower Upper

74 100

45 81.9 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.40

5000

4000

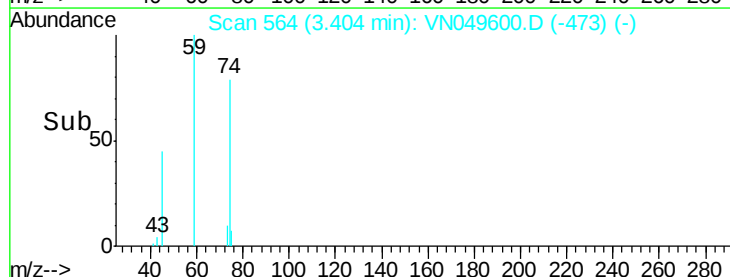
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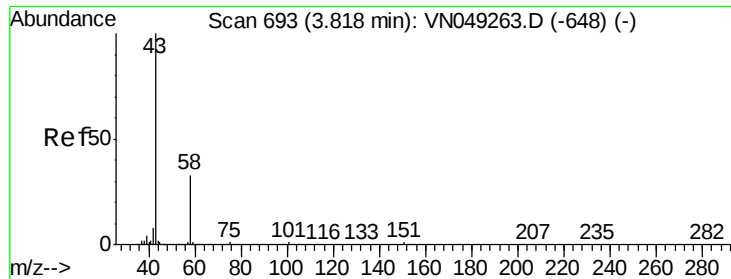
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1000

0

Time-->





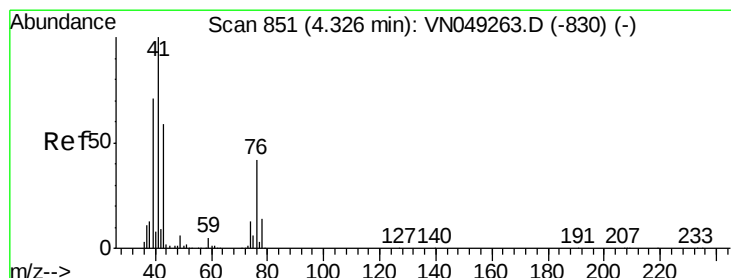
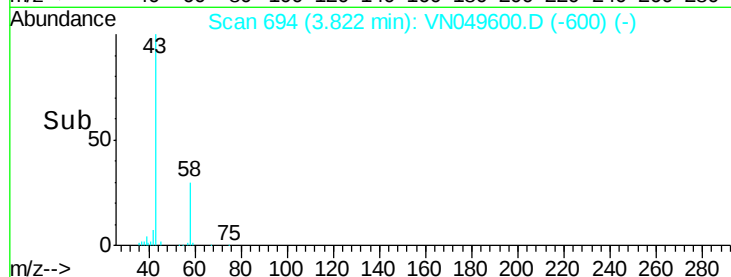
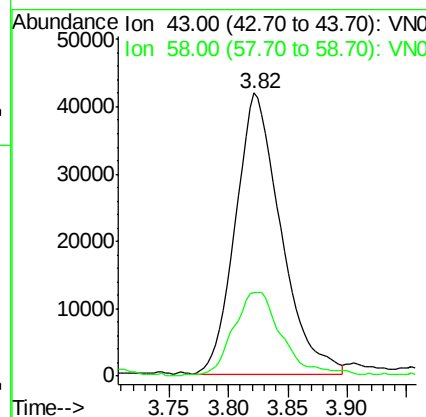
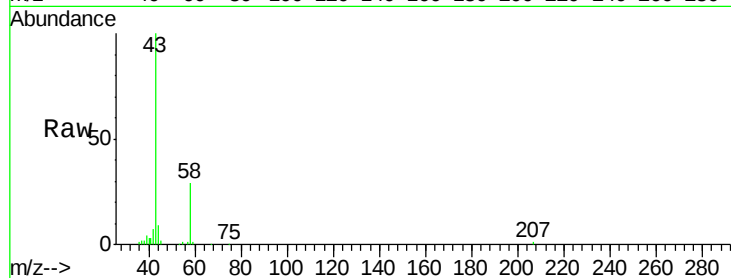
#16
Acetone
Concen: 31.91 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Instrument :
MSVOA_N
ClientSampleId :
TP-3-S

Tot Ion	43	Resp	109960
Ion Ratio	43	100	
Lower	22.4		
Upper	33.6		

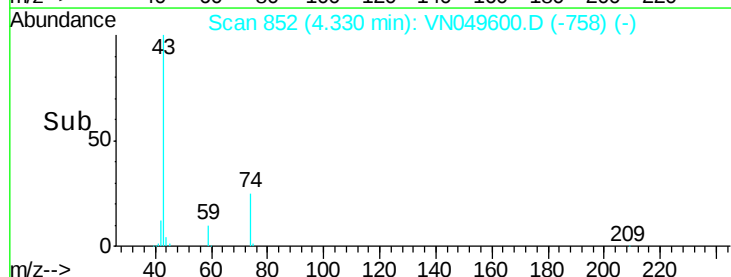
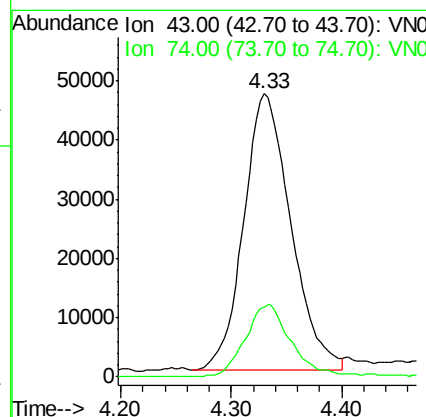
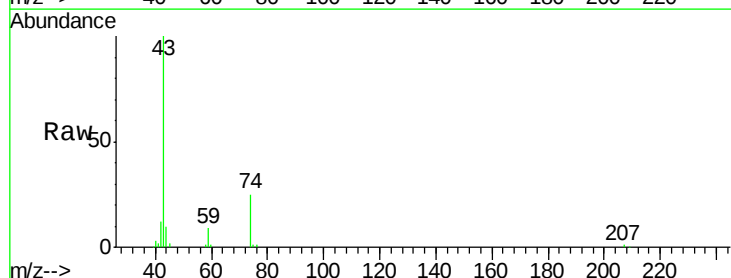
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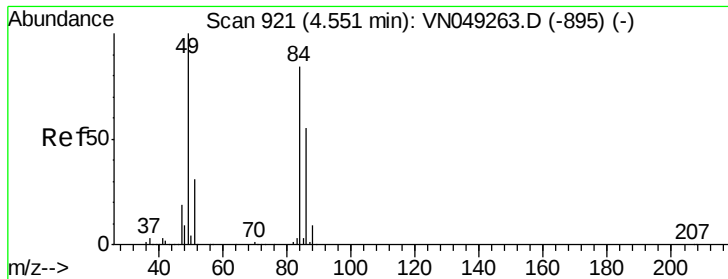
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#18
Methyl Acetate
Concen: 13.21 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion	43	Resp	138812
Ion Ratio	43	100	
Lower	17.4		
Upper	26.0		





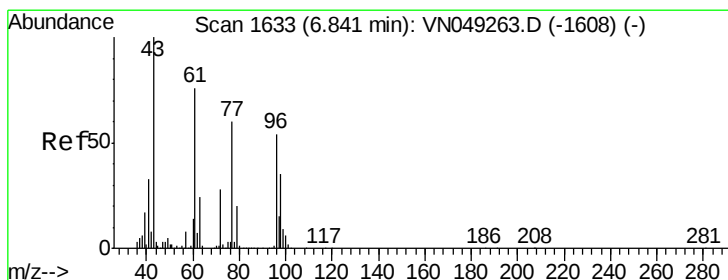
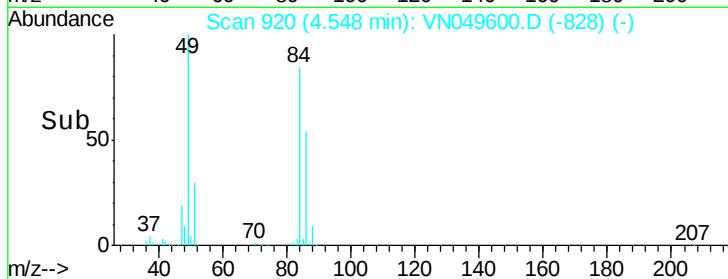
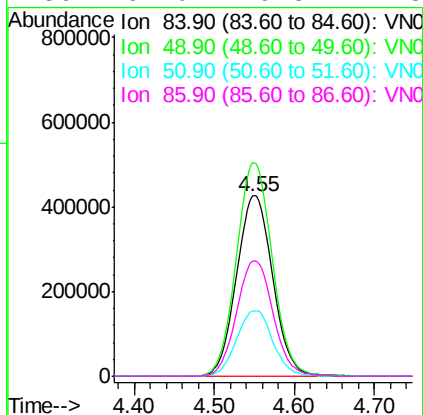
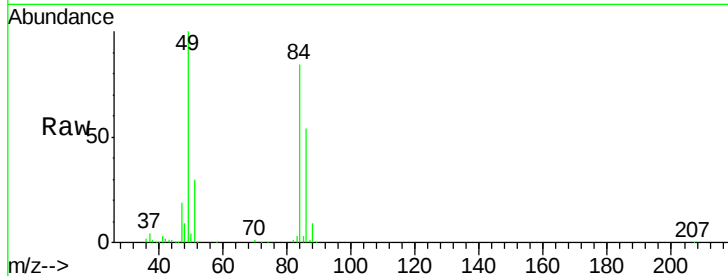
#20
Methvlene Chloride
Concen: 90.87 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Instrument :
MSVOA_N
ClientSampleId :
TP-3-S

Tot Ion	84	Resp	1307605
Ion	Ratio	Lower	Upper
84	100		
49	118.4	106.9	160.3
51	36.1	32.7	49.1
86	64.0	49.8	74.8

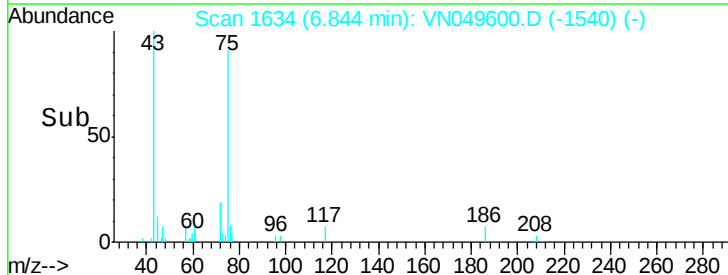
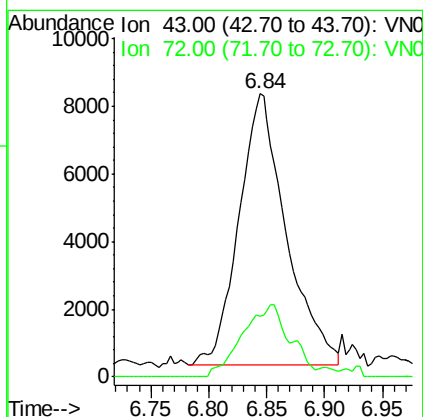
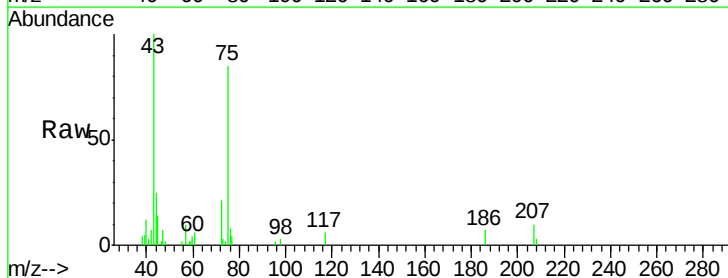
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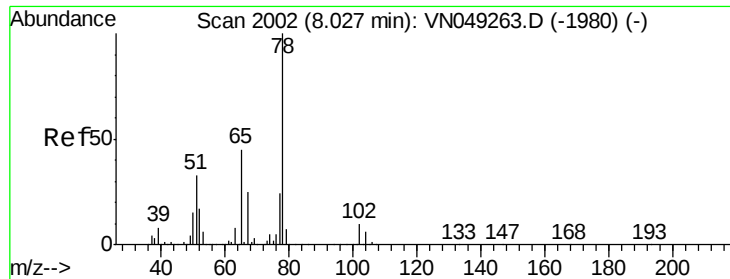
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#25
2-Butanone
Concen: 4.91 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion	43	Resp	22724
Ion	Ratio	Lower	Upper
43	100		
72	22.2	20.2	30.2





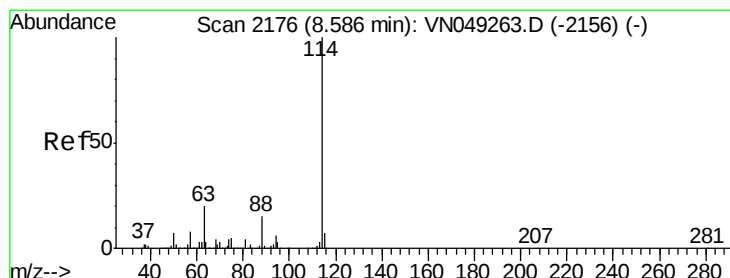
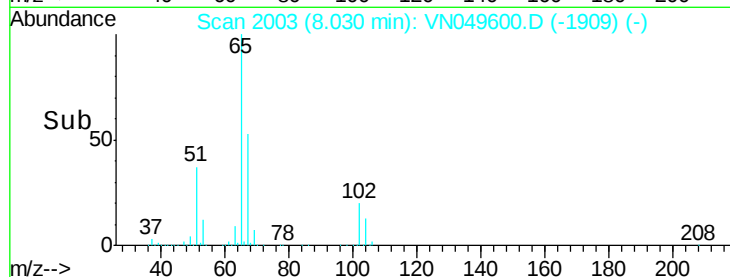
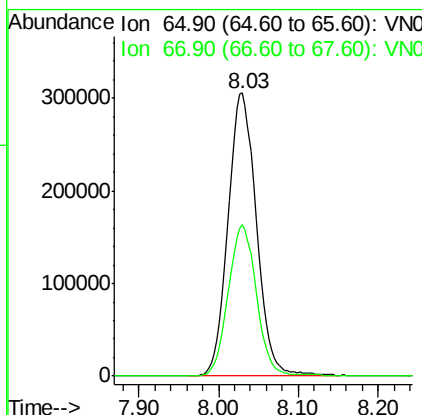
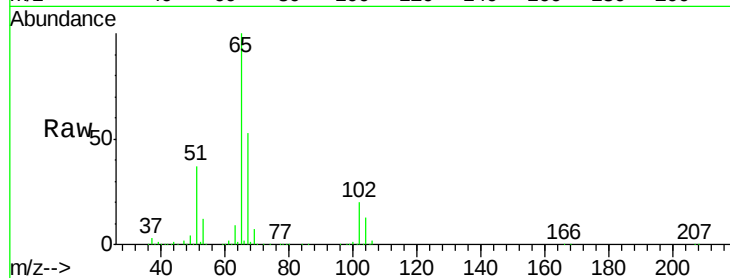
#33
 1,2-Dichloroethane-d4
 Concen: 51.90 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049600.D
 Acq: 28 Jun 2018 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-S

Tot Ion	Ratio	Resp	Lower	Upper
65	100	736458		
67	53.1	0.0	103.8	

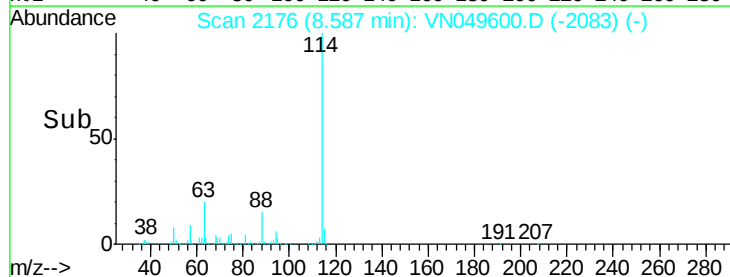
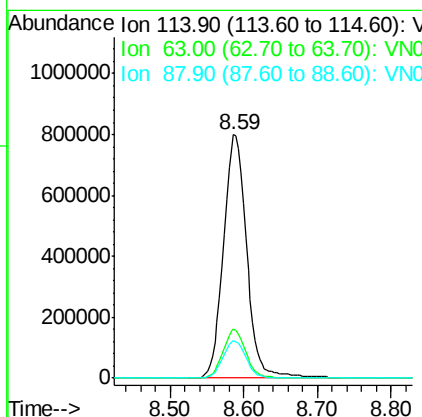
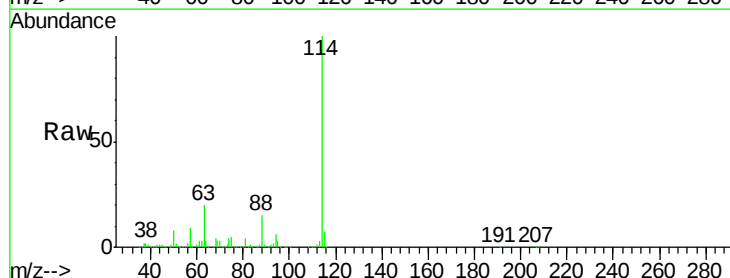
Manual Integrations
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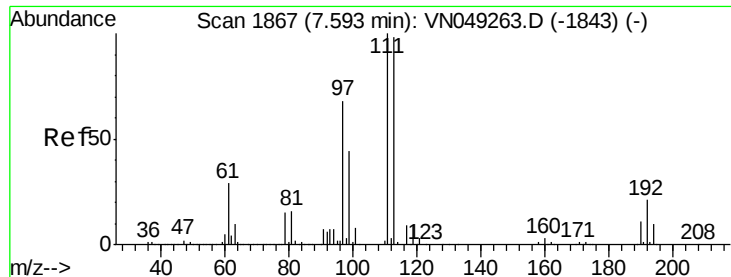
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049600.D
 Acq: 28 Jun 2018 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1750854		
63	20.2	0.0	44.4	
88	15.5	0.0	31.4	





#35

Dibromofluoromethane

Concen: 45.49 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_N

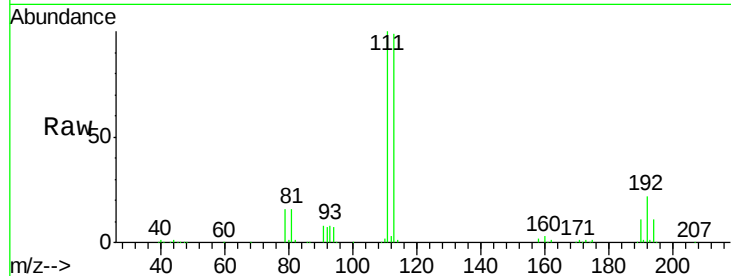
ClientSampled :

TP-3-S

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	22.4	15.0	22.6

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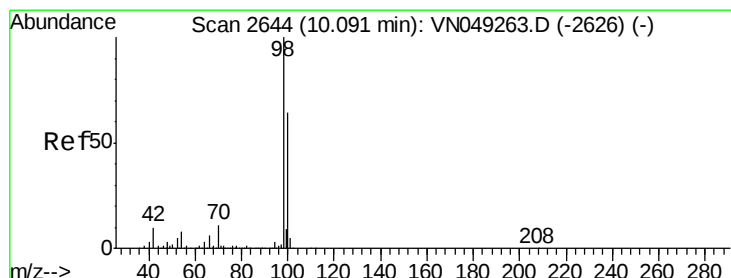
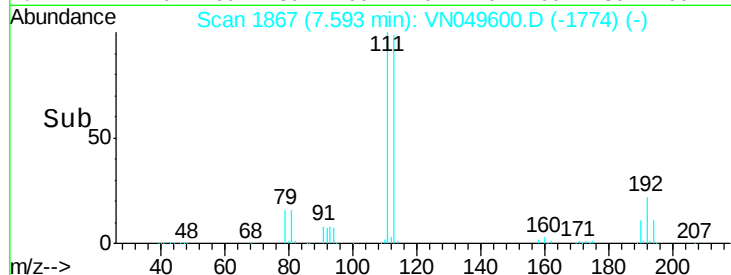
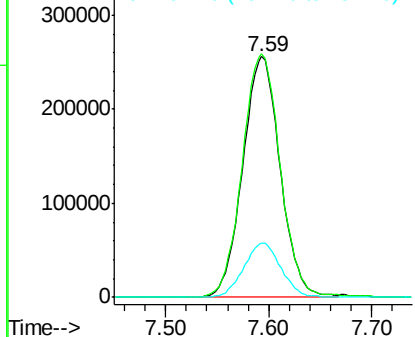
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 43.12 ug/l

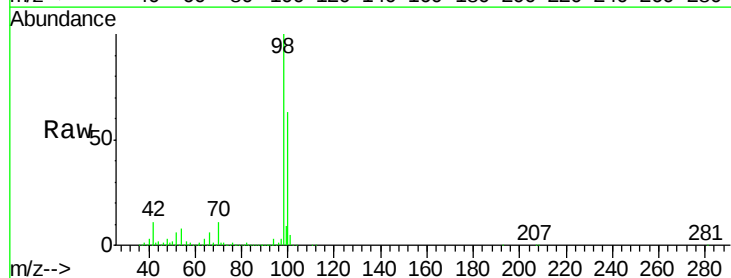
RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049600.D

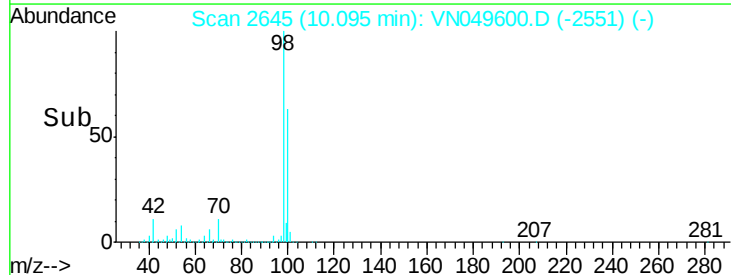
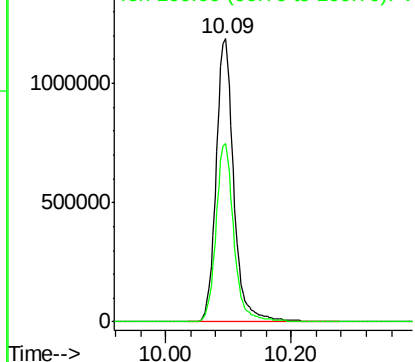
Acq: 28 Jun 2018 19:43

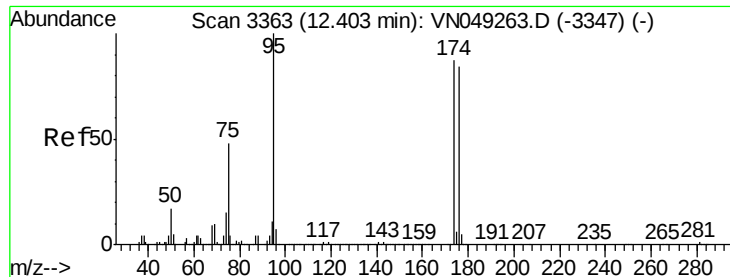
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	49.8	74.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





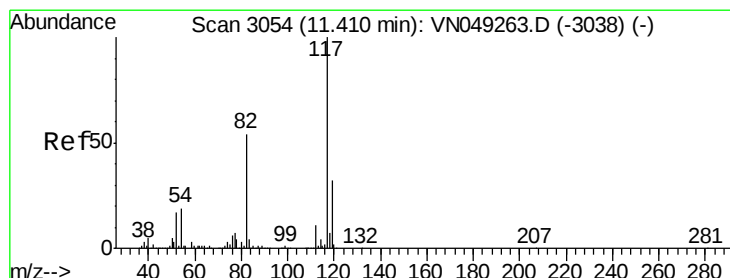
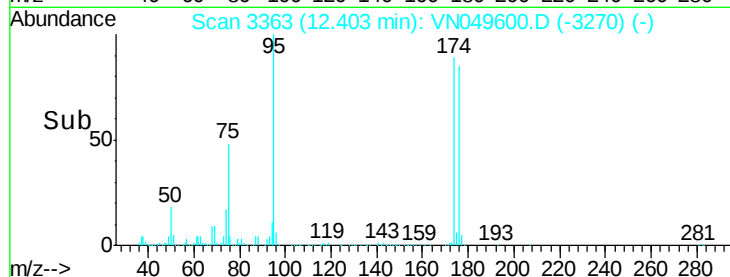
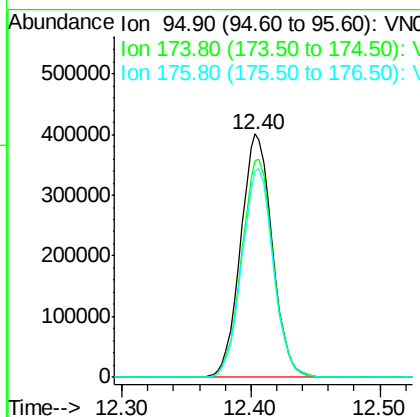
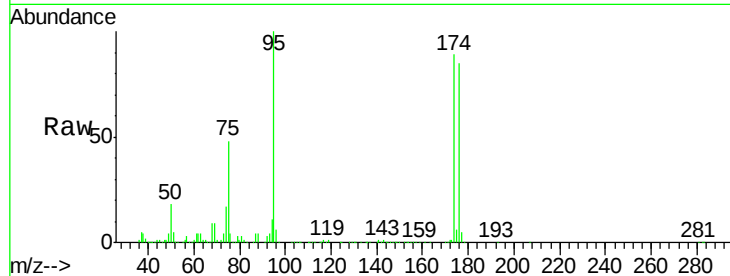
#62
4-Bromofluorobenzene
Concen: 38.17 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Instrument :
MSVOA_N
ClientSampled :
TP-3-S

Tot Ion	Ratio	Resp	Lower	Upper
95	100	680779		
174	90.5	0.0	165.6	
176	85.6	0.0	157.4	

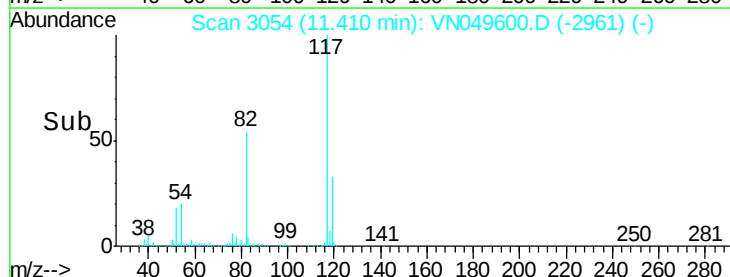
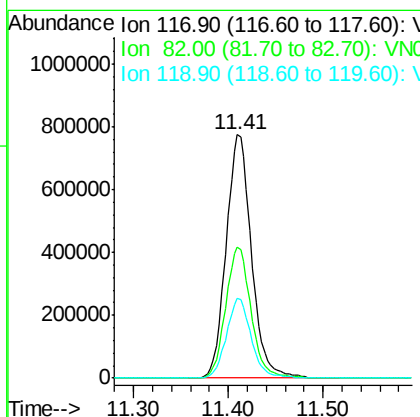
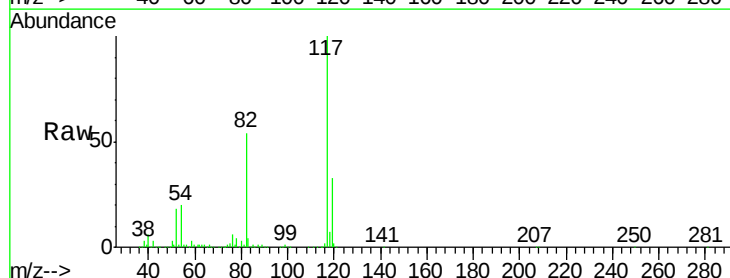
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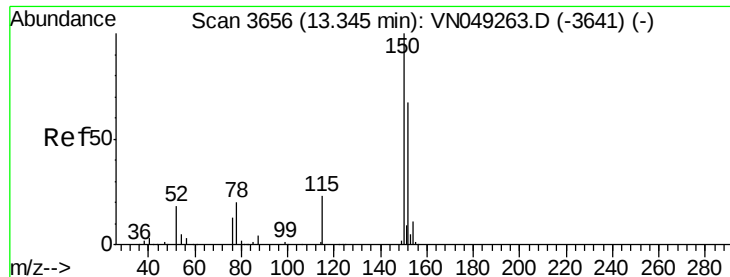
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049600.D
Acq: 28 Jun 2018 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1438223		
82	53.9	45.9	68.9	
119	32.5	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: VN049600.D

Acq: 28 Jun 2018 19:43

Instrument :

MSVOA_N

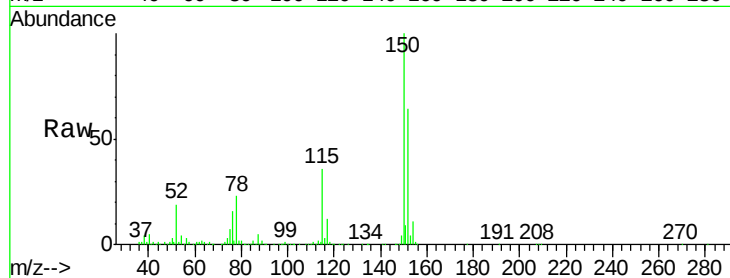
ClientSampleId :

TP-3-S

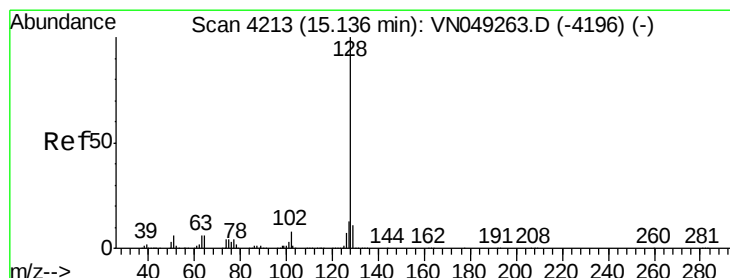
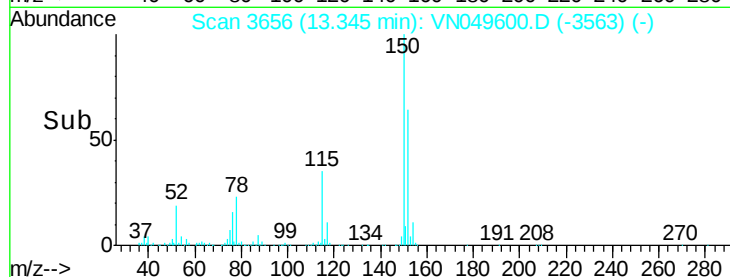
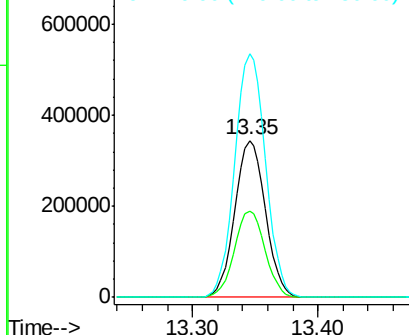
Tot Ion:	152	Resp:	583631
Ion Ratio	Lower	Upper	
152	100		
115	55.2	28.7	86.1
150	156.3	0.0	351.0

Manual Integrations
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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: 19.73 ug/l

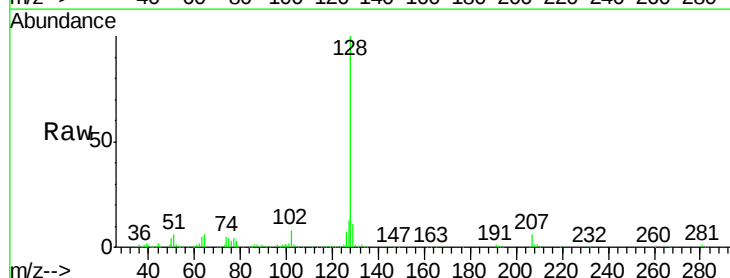
RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049600.D

Acq: 28 Jun 2018 19:43

Tgt Ion:	128	Resp:	300475
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.1	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

