

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049602.D
 Acq On : 28 Jun 2018 20:34
 Operator : MD\SY
 Sample : J3048-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-D

Manual Integrations
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 6/29/2018 1:46:45 PM

Quant Time: Jun 29 03:58:48 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	1134301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1830242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1517945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	596578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	763747	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	7.59	113	669289	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
50) Toluene-d8	10.09	98	2449024	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
62) 4-Bromofluorobenzene	12.40	95	708253	37.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.98%	
Target Compounds						
8) Diethyl Ether	3.42	74	10820	1.39	ug/l	84
16) Acetone	3.82	43	103031	28.21	ug/l	91
18) Methyl Acetate	4.33	43	164154	14.74	ug/l	98
20) Methylene Chloride	4.51	84	51622421m	3383.66	ug/l	
25) 2-Butanone	6.84	43	19025	3.88	ug/l	93
95) Naphthalene	15.14	128	74894	6.55	ug/l	98

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

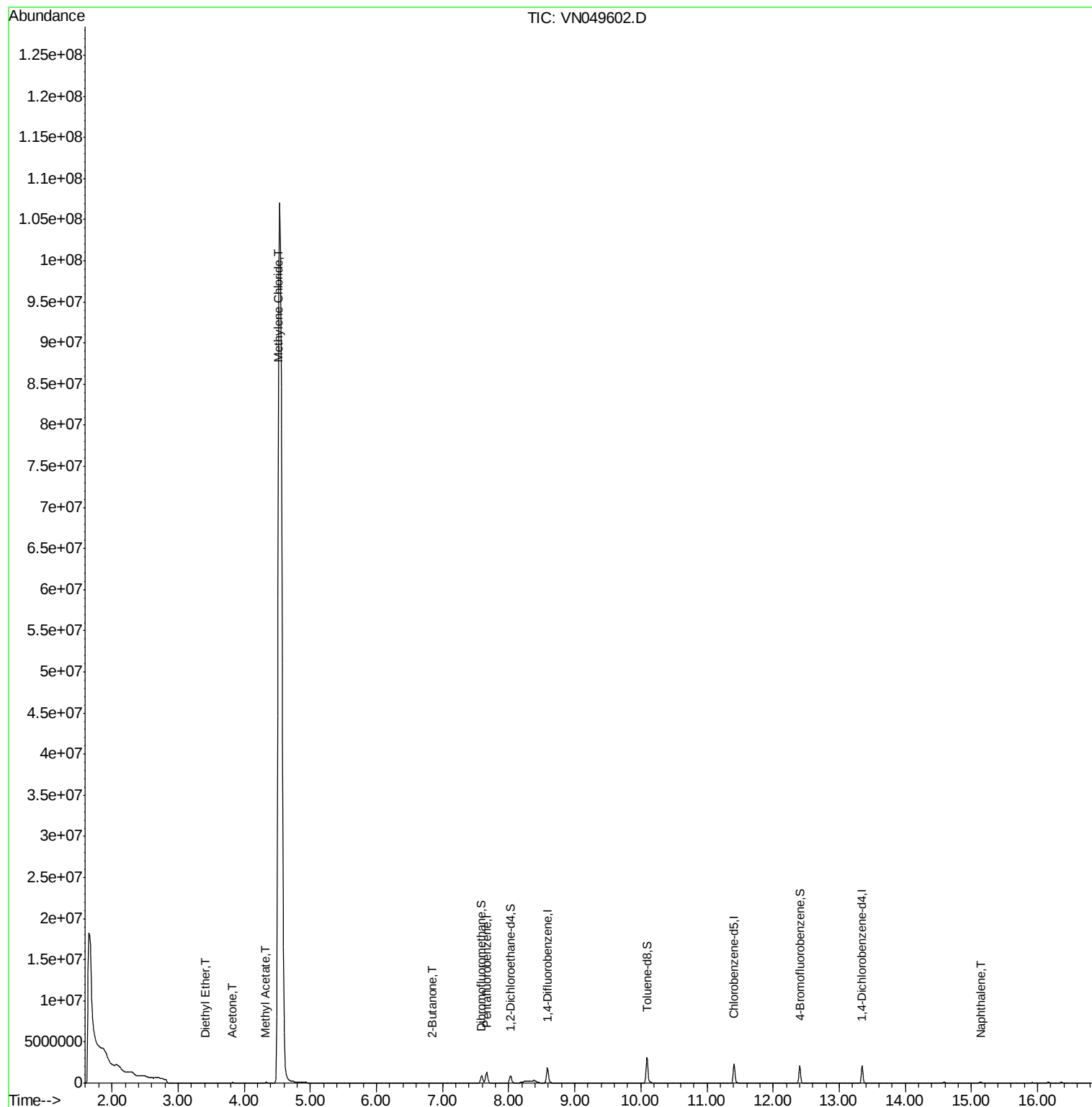
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049602.D
Acq On : 28 Jun 2018 20:34
Operator : MD\SY
Sample : J3048-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

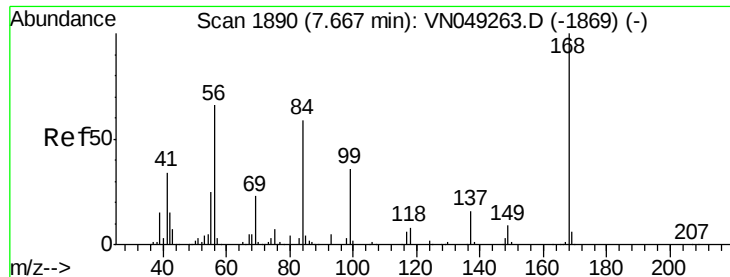
Instrument :
MSVOA_N
ClientSampleId :
TP-3-D

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Quant Time: Jun 29 03:58:48 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049602.D

Acq: 28 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampled :

TP-3-D

Tot Ion:168 Resp: 1134301

Ion Ratio Lower Upper

168 100

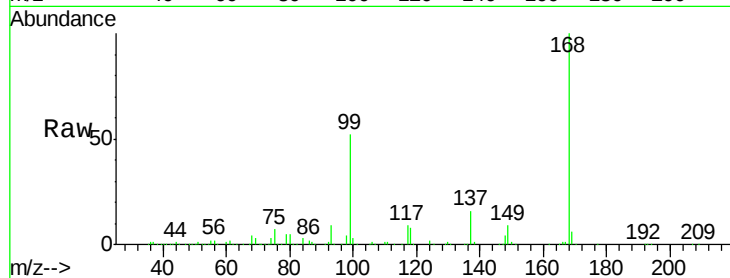
99 51.6 45.8 68.6

Manual Integrations

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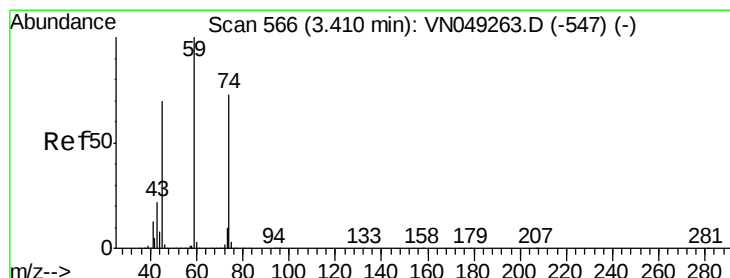
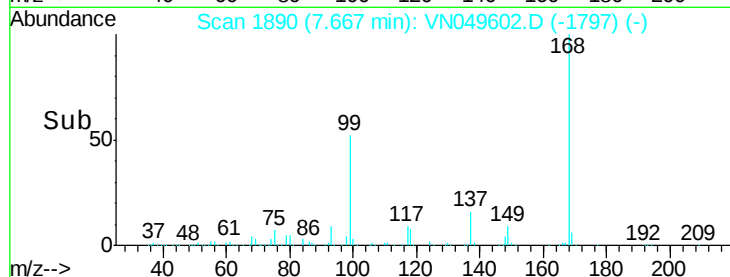
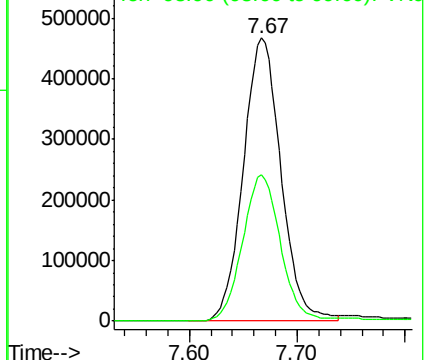
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#8

Diethyl Ether

Concen: 1.39 ug/l

RT: 3.42 min Scan# 568

Delta R.T. 0.01 min

Lab File: VN049602.D

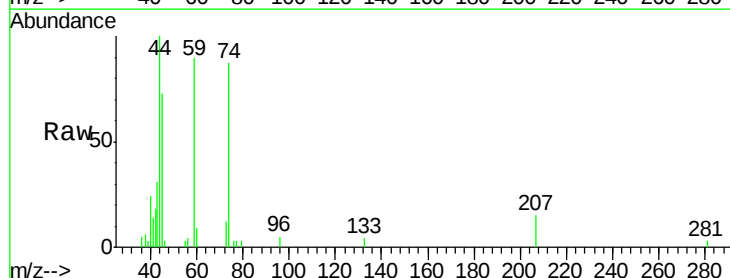
Acq: 28 Jun 2018 20:34

Tgt Ion: 74 Resp: 10820

Ion Ratio Lower Upper

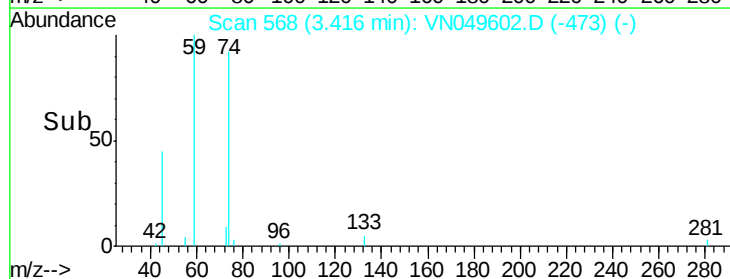
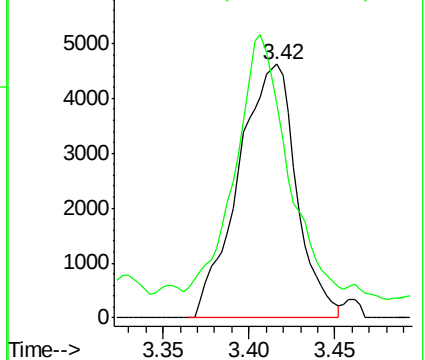
74 100

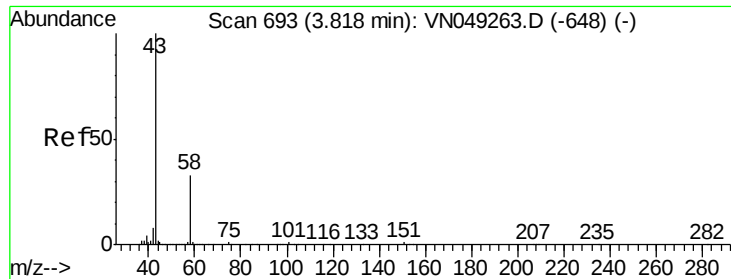
45 87.6 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN





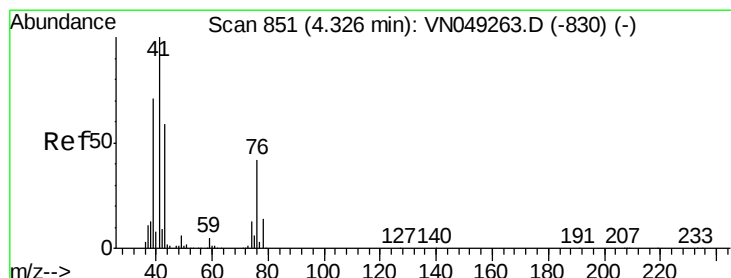
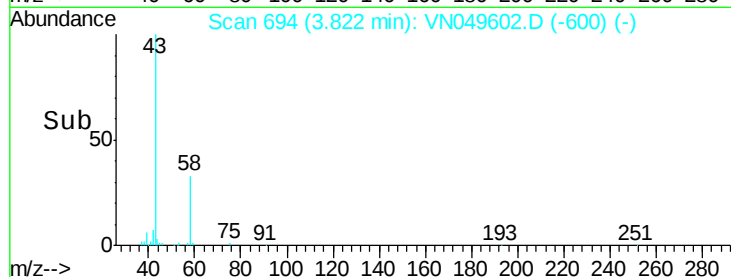
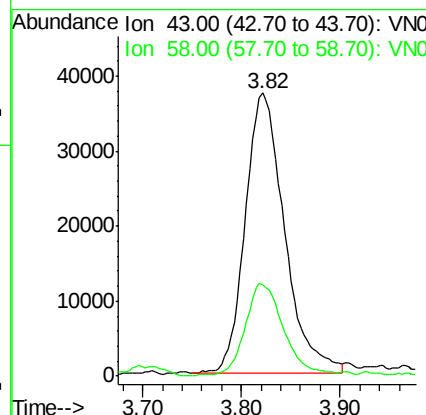
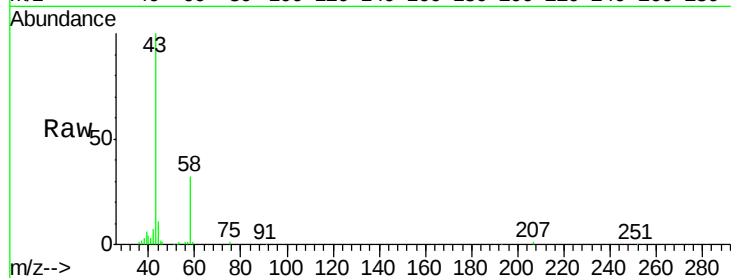
#16
Acetone
Concen: 28.21 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN049602.D
Acq: 28 Jun 2018 20:34

Instrument :
MSVOA_N
ClientSampleId :
TP-3-D

Tot Ion	43	Resp	103031
Ion Ratio	43	100	Lower Upper
	58	32.7	22.4 33.6

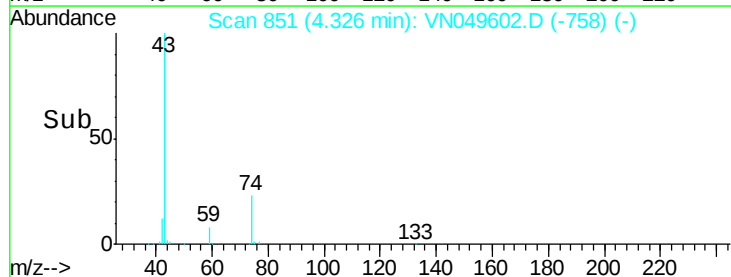
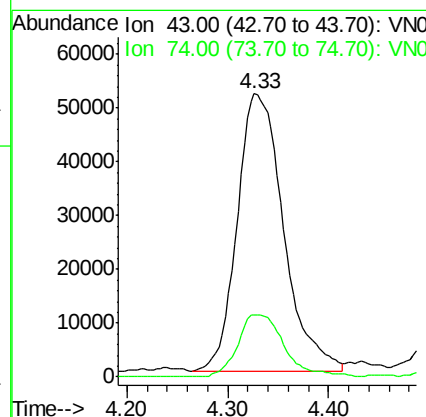
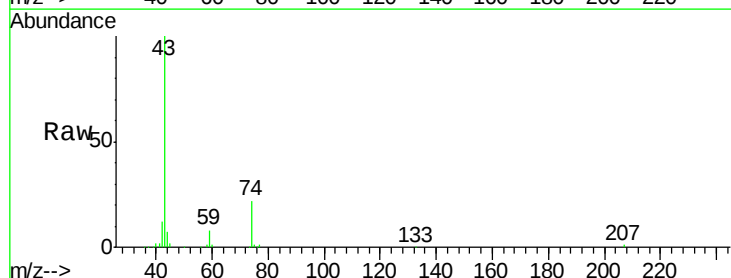
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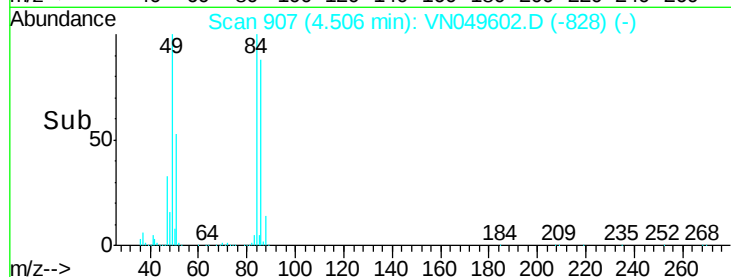
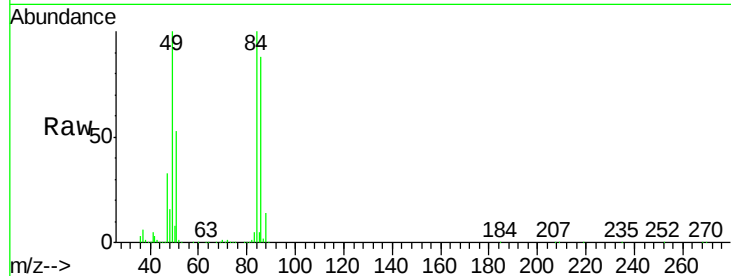
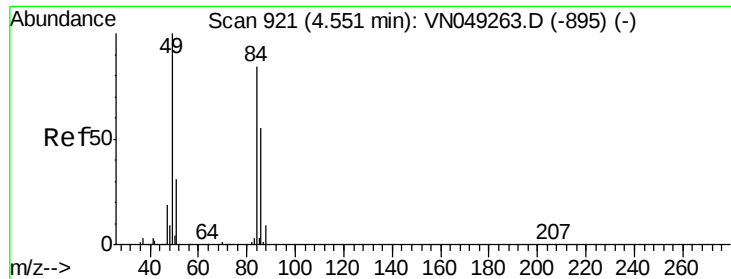
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#18
Methyl Acetate
Concen: 14.74 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049602.D
Acq: 28 Jun 2018 20:34

Tgt Ion	43	Resp	164154
Ion Ratio	43	100	Lower Upper
	74	22.6	17.4 26.0





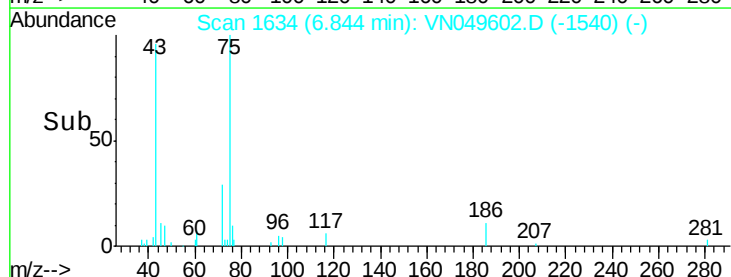
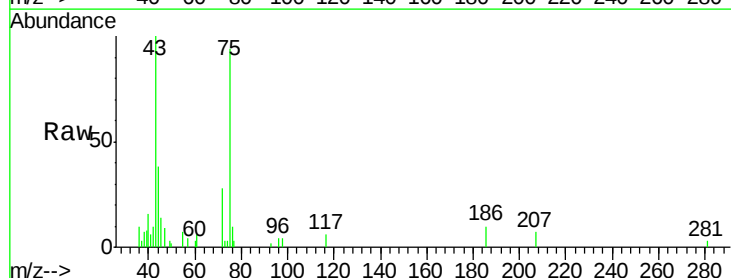
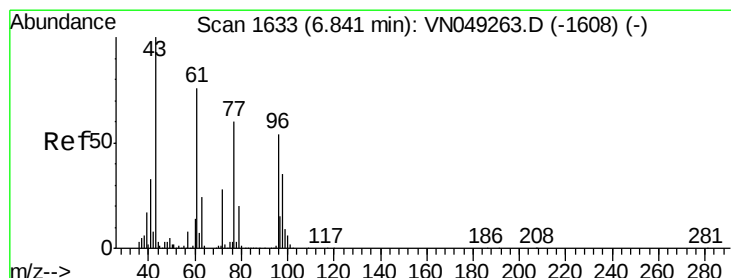
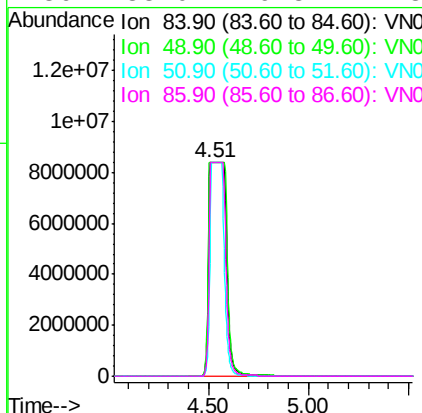
#20
Methvlene Chloride
Concen: 3383.66 ug/l m
RT: 4.51 min Scan# 907
Delta R.T. -0.04 min
Lab File: VN049602.D
Acq: 28 Jun 2018 20:34

Tot Ion: 84 Resp: 51622421
Ion Ratio Lower Upper
84 100
49 100.0 106.9 160.3#
51 52.8 32.7 49.1#
86 88.0 49.8 74.8#

Instrument :
MSVOA_N
ClientSampleId :
TP-3-D

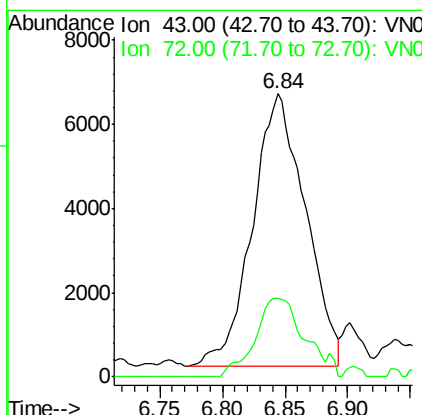
Manual Integrations
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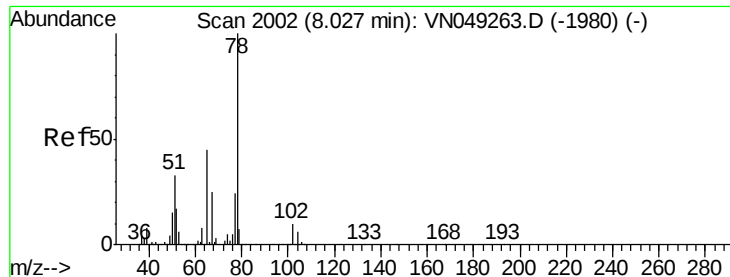
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#25
2-Butanone
Concen: 3.88 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049602.D
Acq: 28 Jun 2018 20:34

Tgt Ion: 43 Resp: 19025
Ion Ratio Lower Upper
43 100
72 28.7 20.2 30.2





#33

1,2-Dichloroethane-d4

Concen: 50.77 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049602.D

Acq: 28 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampleId :

TP-3-D

Tot Ion: 65 Resp: 763747

Ion Ratio Lower Upper

65 100

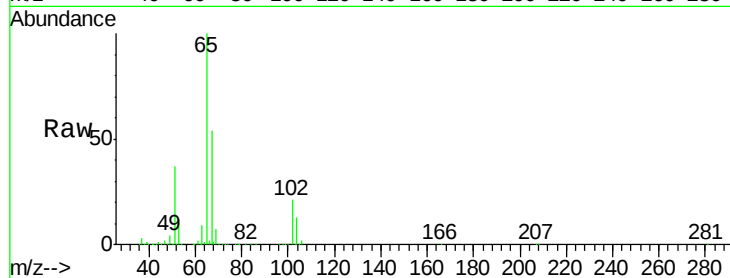
67 53.4 0.0 103.8

Manual Integrations

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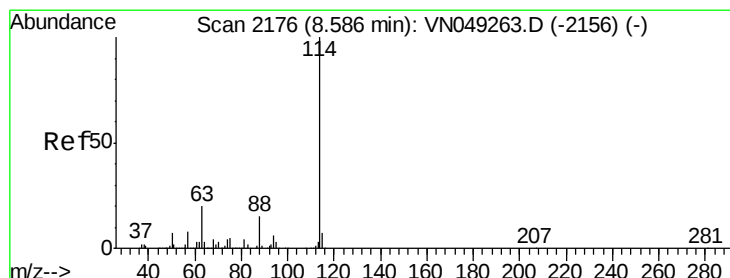
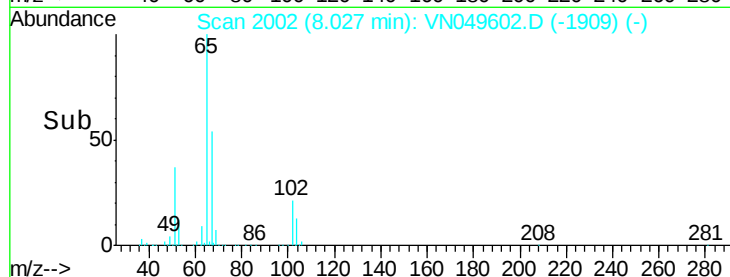
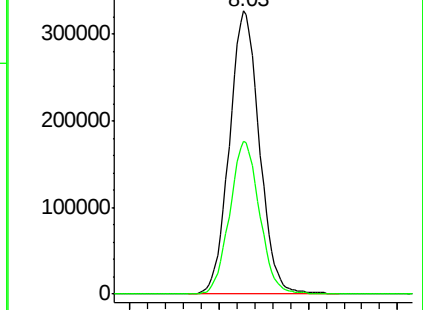
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Abundance Ion 64.90 (64.60 to 65.60): VN049602.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049602.D (-1909) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049602.D

Acq: 28 Jun 2018 20:34

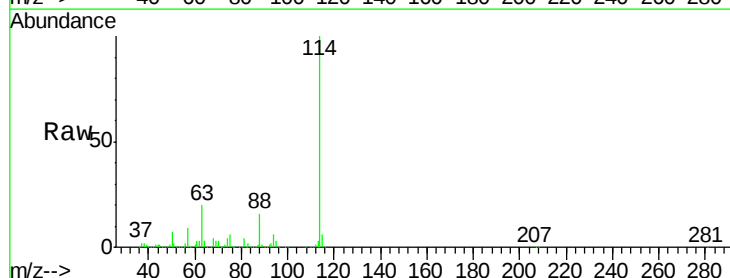
Tgt Ion: 114 Resp: 1830242

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

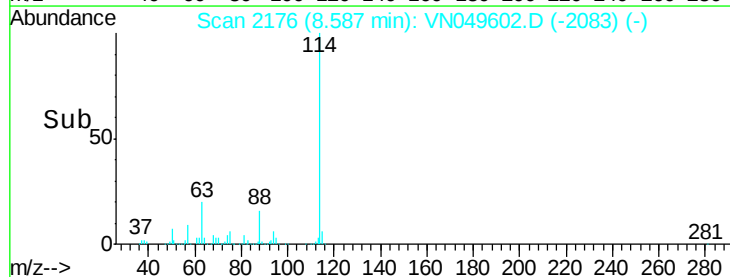
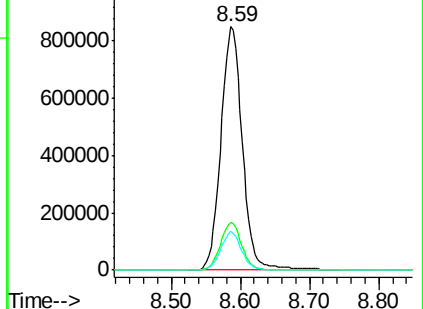
88 15.7 0.0 31.4

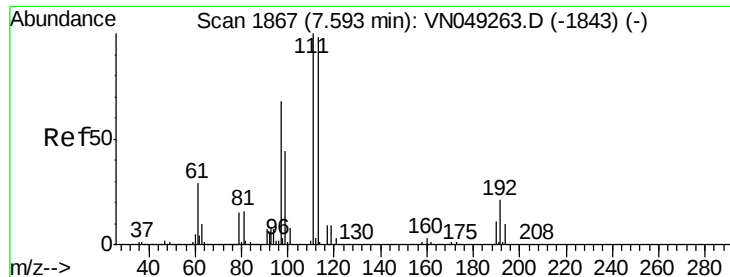


Abundance Ion 113.90 (113.60 to 114.60): VN049602.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049602.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049602.D (-2083) (-)





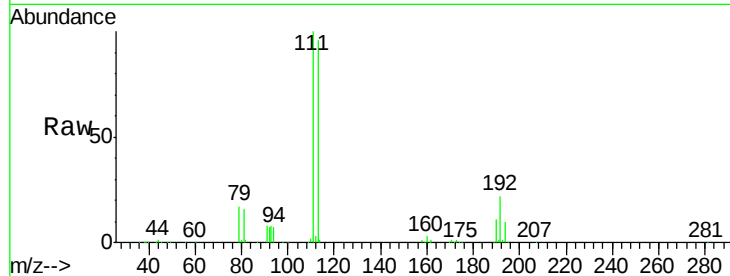
#35
Dibromofluoromethane
Concen: 45.20 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049602.D
Acq: 28 Jun 2018 20:34

Instrument :
MSVOA_N
ClientSampled :
TP-3-D

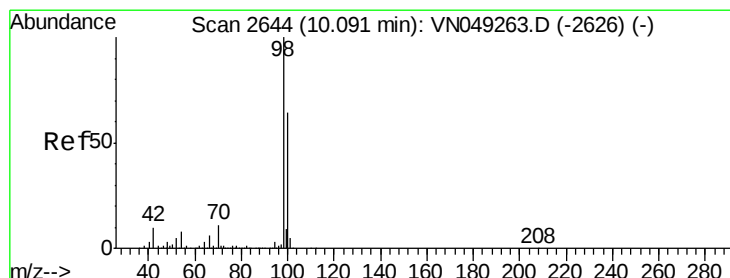
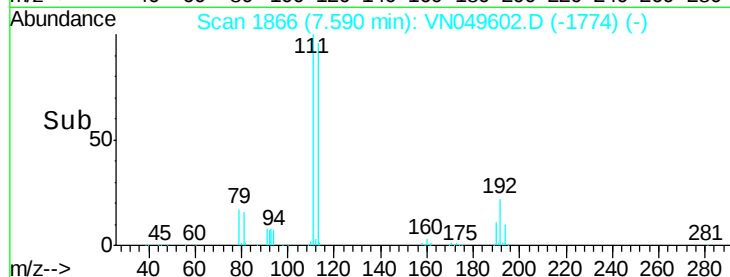
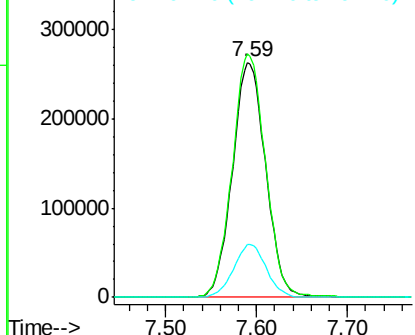
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	22.1	15.0	22.6

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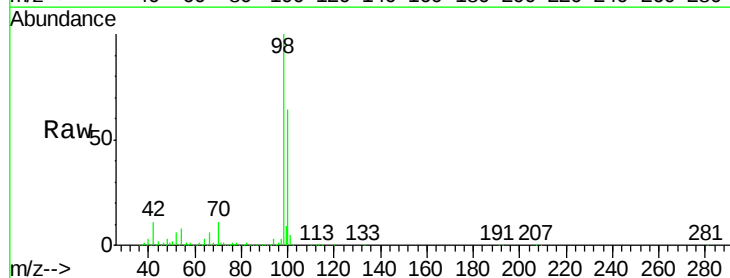


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

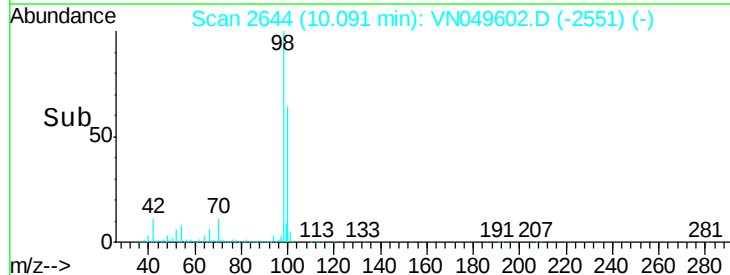
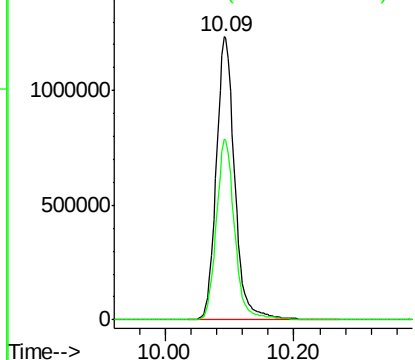


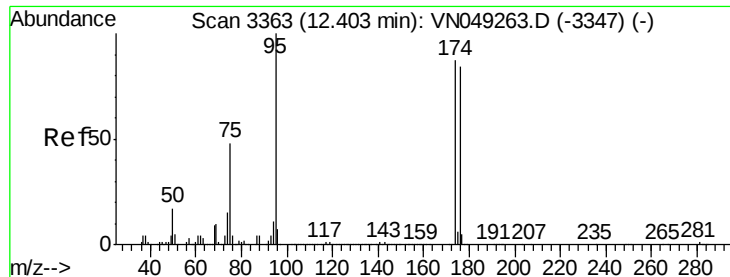
#50
Toluene-d8
Concen: 43.44 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049602.D
Acq: 28 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	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: 37.99 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049602.D

Acq: 28 Jun 2018 20:34

Instrument :

MSVOA_N

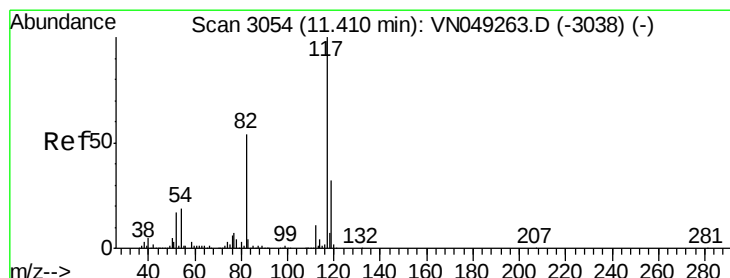
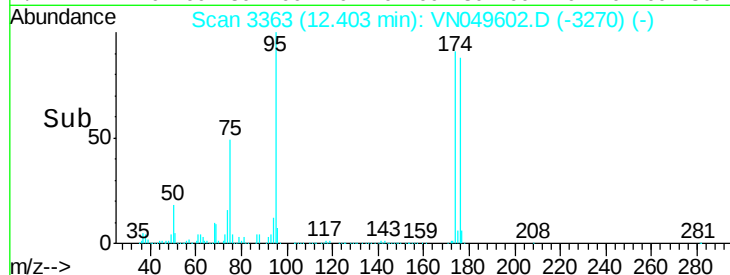
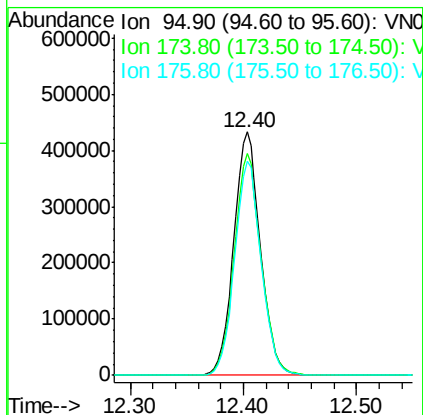
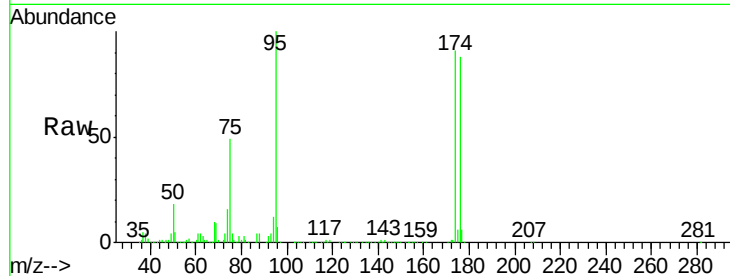
ClientSampled :

TP-3-D

Tot Ion:	95	Resp:	708253
Ion Ratio	Lower	Upper	
95	100		
174	91.5	0.0	165.6
176	87.7	0.0	157.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

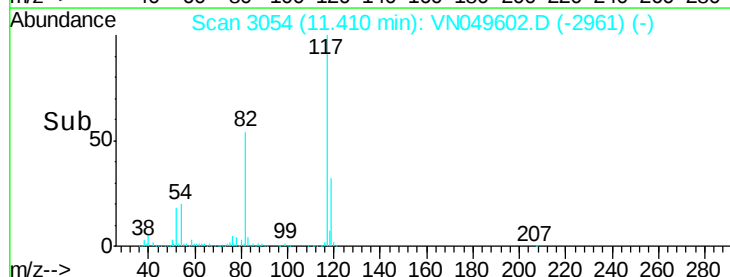
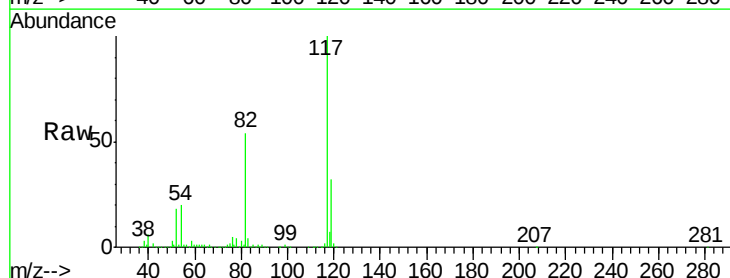
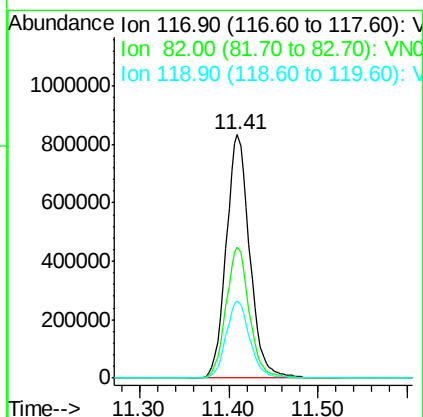
RT: 11.41 min Scan# 3054

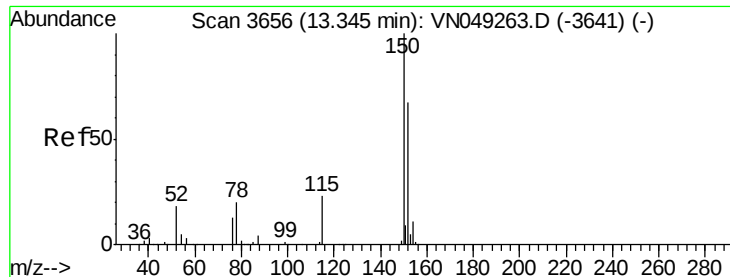
Delta R.T. 0.00 min

Lab File: VN049602.D

Acq: 28 Jun 2018 20:34

Tgt Ion:	117	Resp:	1517945
Ion Ratio	Lower	Upper	
117	100		
82	53.7	45.9	68.9
119	31.6	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: VN049602.D

Acq: 28 Jun 2018 20:34

Instrument :

MSVOA_N

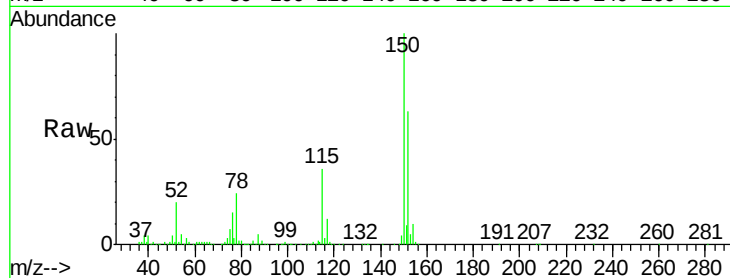
ClientSampled :

TP-3-D

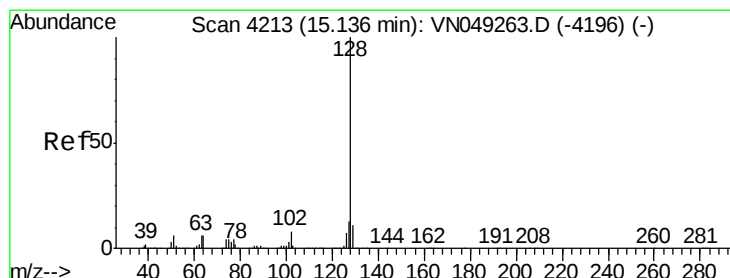
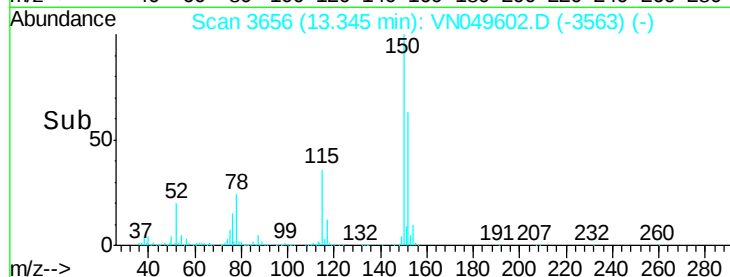
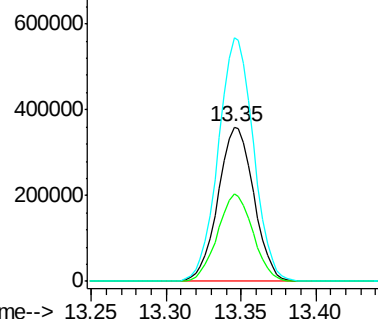
Tot Ion:	152	Resp:	596578
Ion Ratio	Lower	Upper	
152	100		
115	56.3	28.7	86.1
150	156.0	0.0	351.0

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: 6.55 ug/l

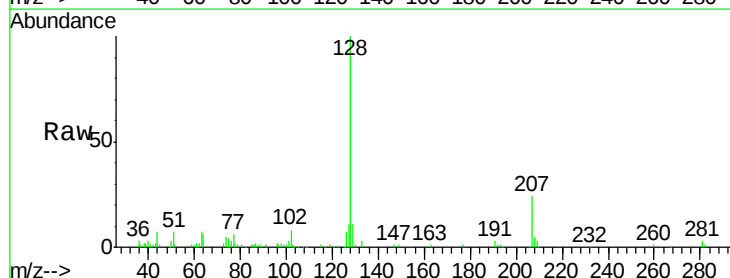
RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049602.D

Acq: 28 Jun 2018 20:34

Tgt Ion:	128	Resp:	74894
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.6	16.0
129	11.2	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

