

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053742.D
 Acq On : 12 Feb 2019 20:28
 Operator : JC/SP
 Sample : K1462-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-D

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 12:15:41 PM

Quant Time: Feb 13 06:08:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	729957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1199356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1094487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	440979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	381934	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
35) Dibromofluoromethane	7.59	113	378676	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.09	98	1451104	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	478536	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
Target Compounds						
16) Acetone	3.82	43	12045m	6.413	ug/l	
20) Methylene Chloride	4.55	84	2515083	319.157	ug/l	99
43) Isopropyl Acetate	8.19	43	48746m	4.180	ug/l	
95) Naphthalene	15.13	128	23502	2.907	ug/l	98

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

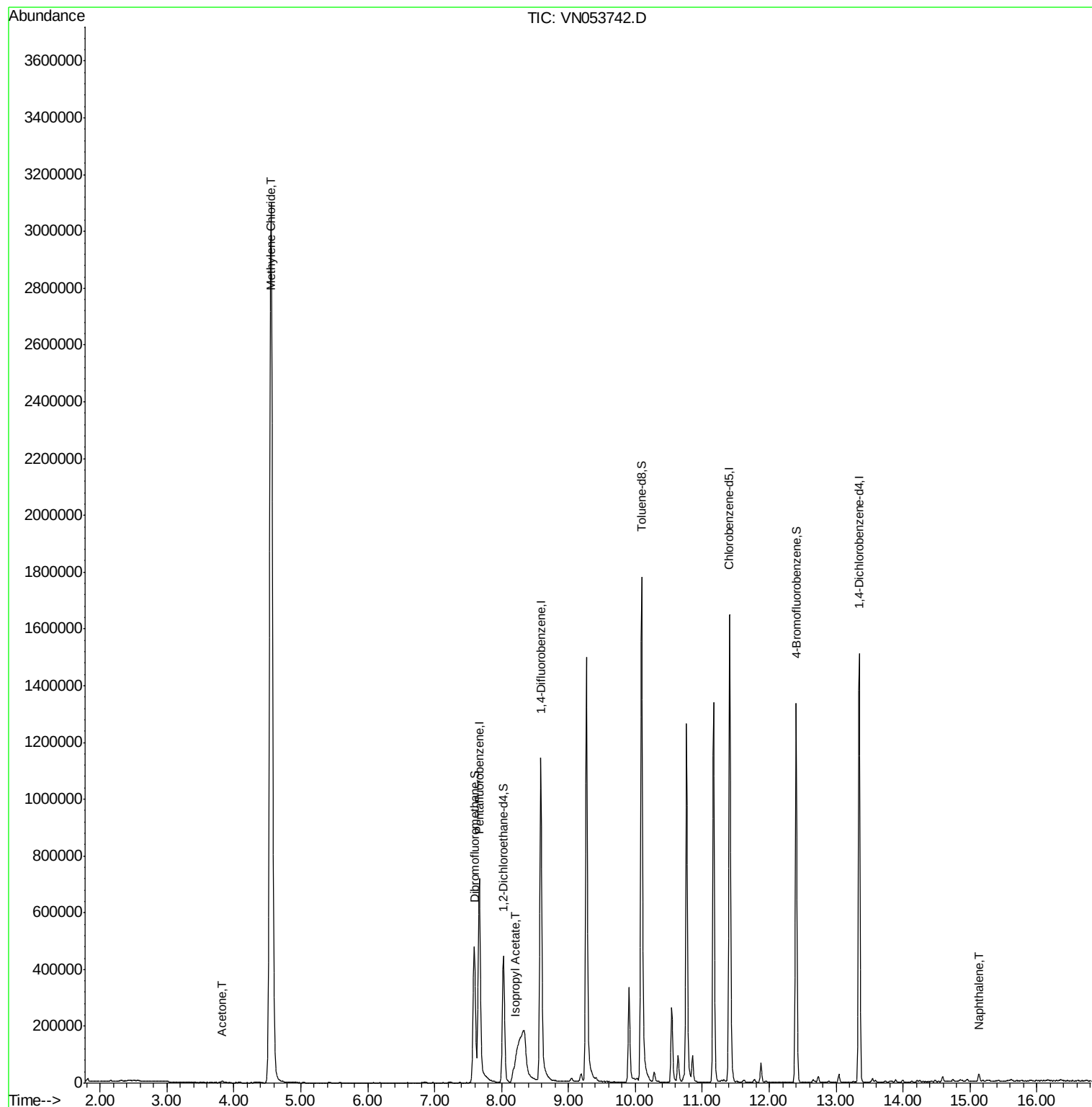
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
Data File : VN053742.D
Acq On : 12 Feb 2019 20:28
Operator : JC/SP
Sample : K1462-24
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

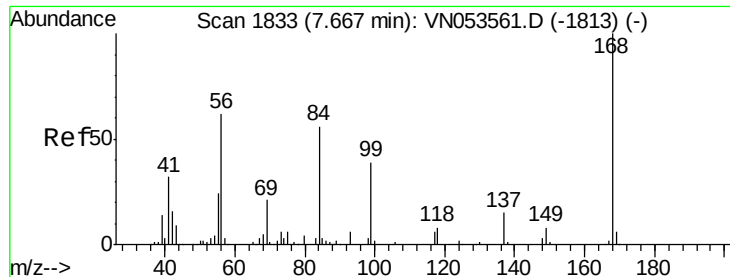
Instrument :
MSVOA_N
ClientSampled :
TP-3-D

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Quant Time: Feb 13 06:08:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053742.D

Acq: 12 Feb 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

TP-3-D

Tot Ion:168 Resp: 729957

Ion Ratio Lower Upper

168 100

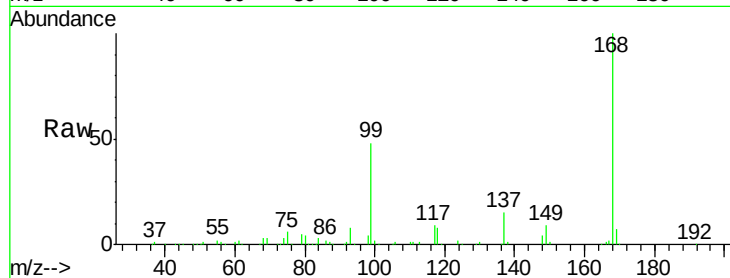
99 48.4 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

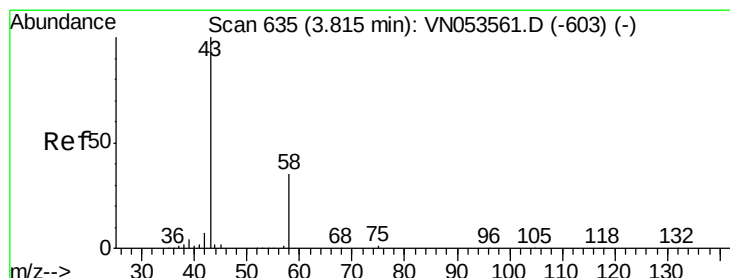
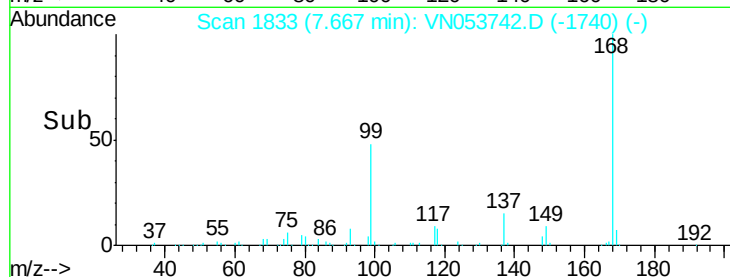
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 6.413 ug/l m

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053742.D

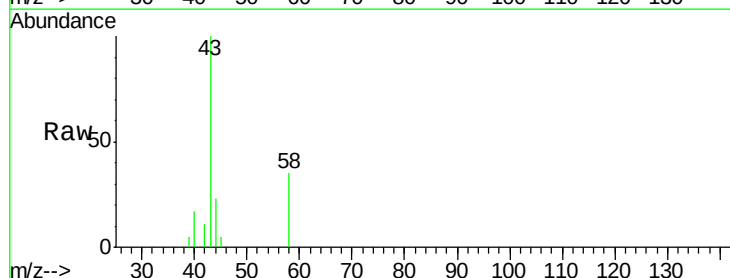
Acq: 12 Feb 2019 20:28

Tgt Ion: 43 Resp: 12045

Ion Ratio Lower Upper

43 100

58 35.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

4000

3000

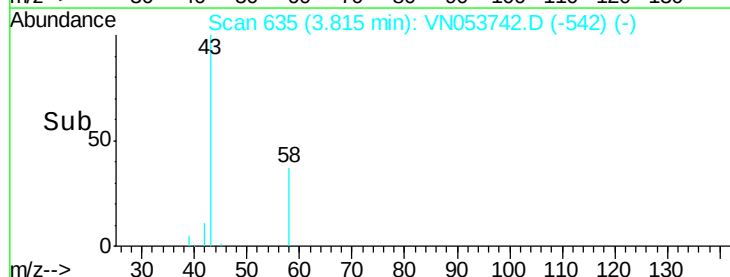
2000

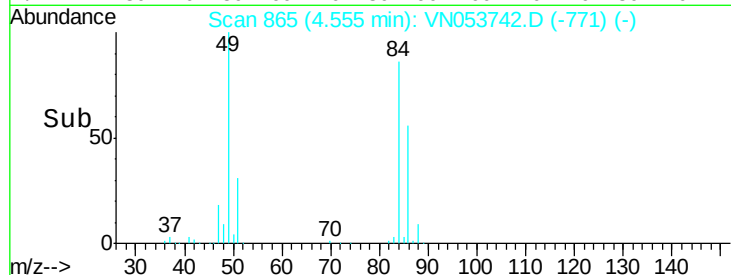
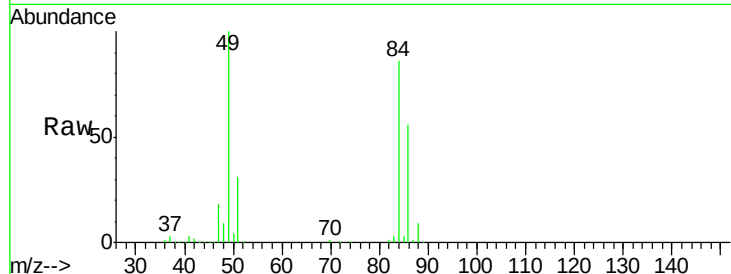
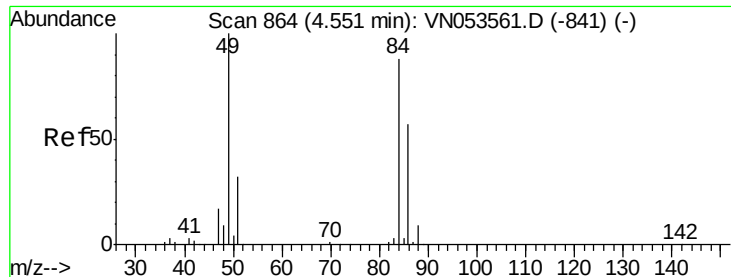
1000

0

Time-->

3.75 3.80 3.85 3.90





#20
Methylene Chloride
Concen: 319.157 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053742.D
Acq: 12 Feb 2019 20:28

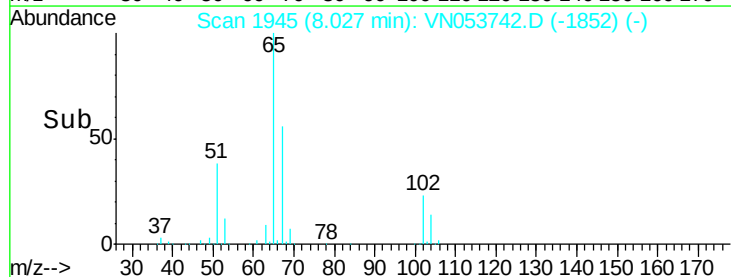
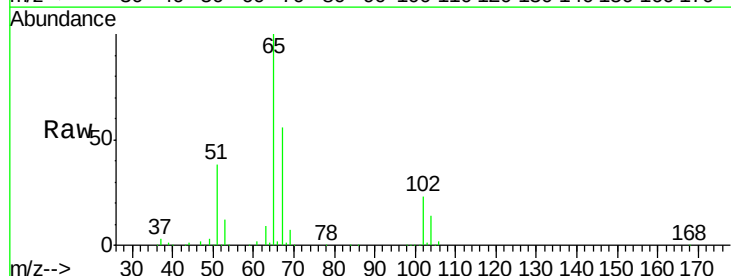
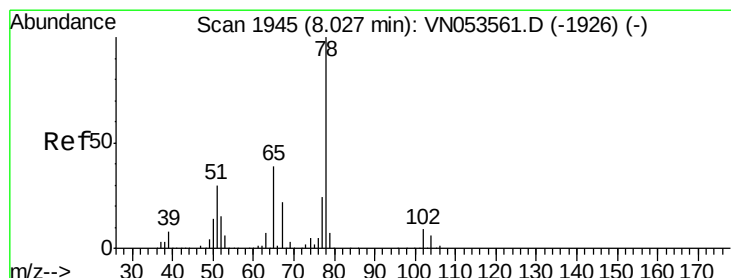
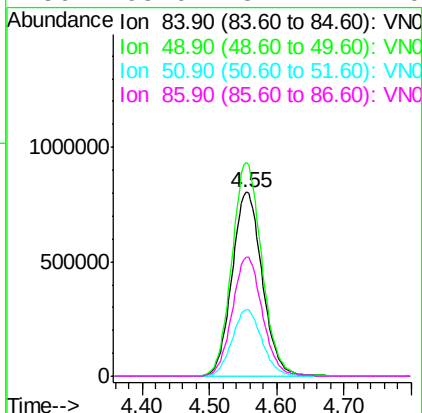
Tot Ion: 84 Resp: 2515083

Ion	Ratio	Lower	Upper
84	100		
49	116.1	94.3	141.5
51	36.3	29.4	44.2
86	65.0	51.4	77.0

Instrument :
MSVOA_N
ClientSampled :
TP-3-D

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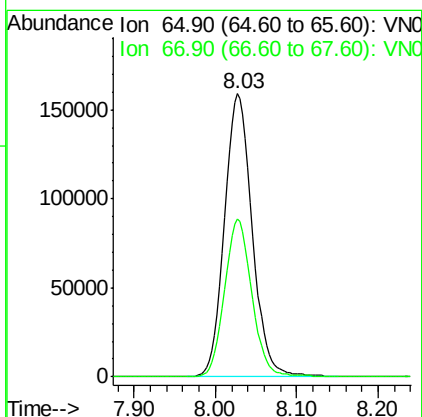
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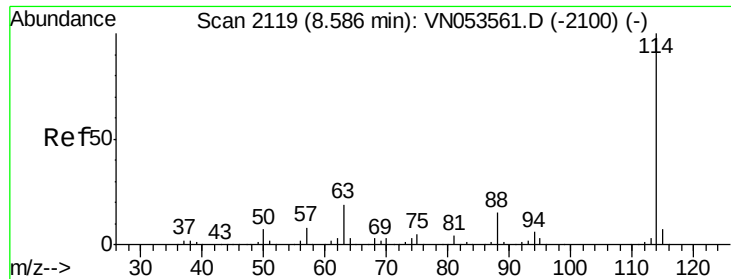


#33
1,2-Dichloroethane-d4
Concen: 52.156 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053742.D
Acq: 12 Feb 2019 20:28

Tgt Ion: 65 Resp: 381934

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053742.D

Acq: 12 Feb 2019 20:28

Instrument :

MSVOA_N

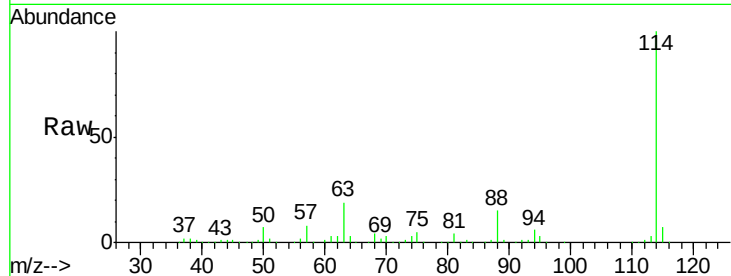
ClientSampleId :

TP-3-D

Tot Ion:	114	Resp:	1199356
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.6
88	15.4	0.0	30.4

Manual Integrations
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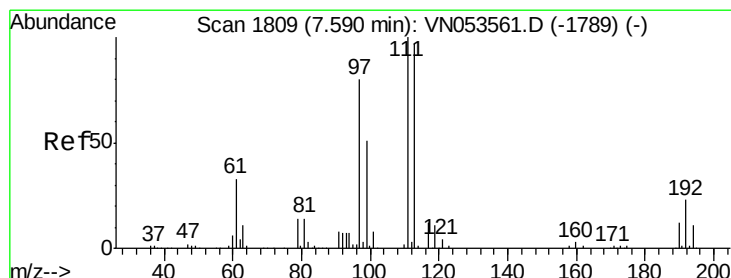
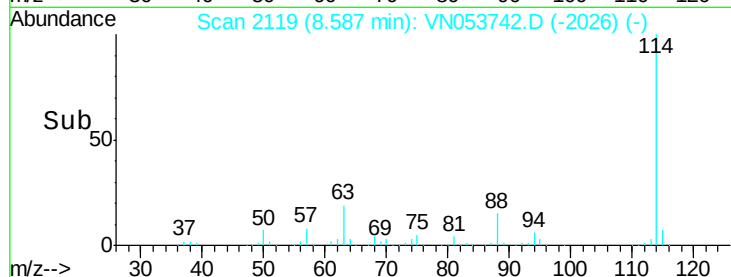
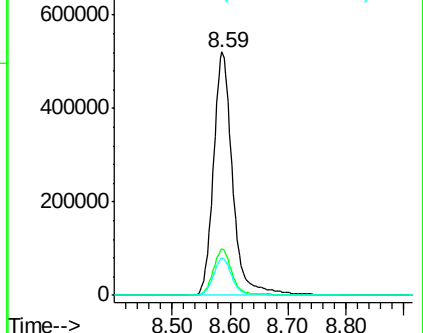
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.968 ug/l

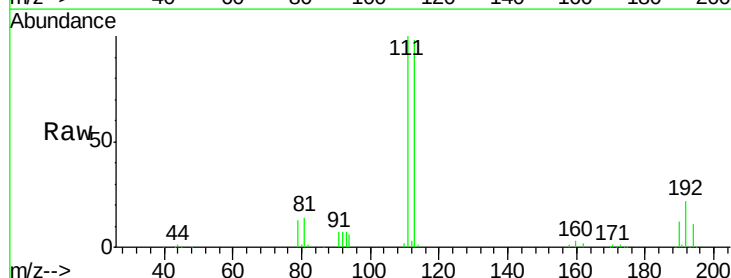
RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053742.D

Acq: 12 Feb 2019 20:28

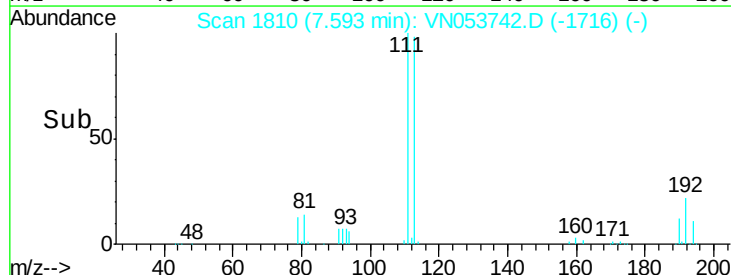
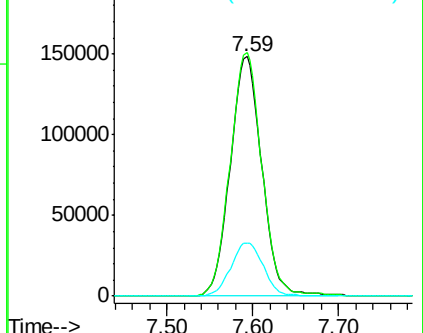
Tgt Ion:	113	Resp:	378676
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	22.9	18.2	27.2

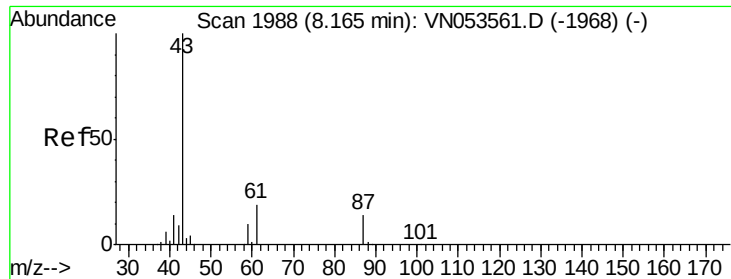


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.180 ug/l m

RT: 8.19 min Scan# 1997

Delta R.T. 0.03 min

Lab File: VN053742.D

Acq: 12 Feb 2019 20:28

Instrument :

MSVOA_N

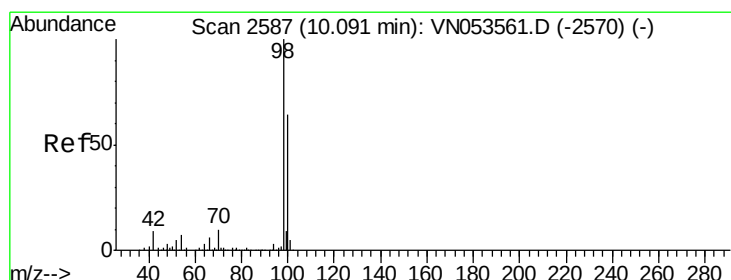
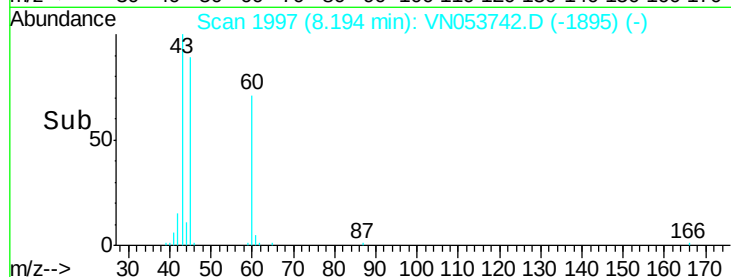
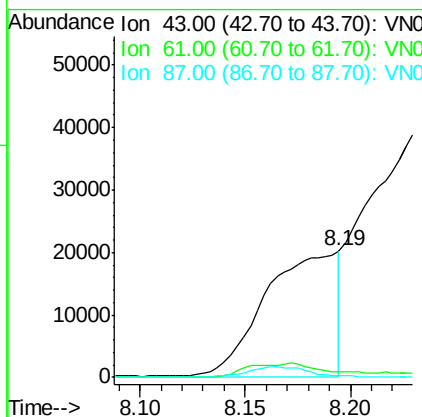
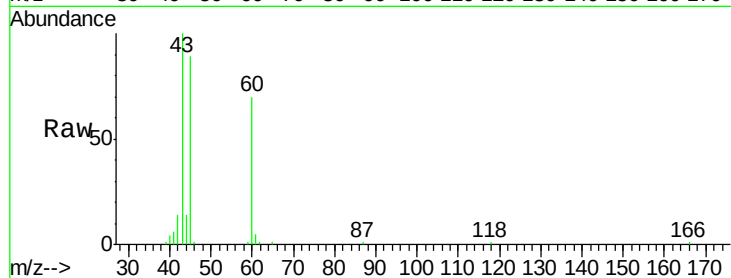
ClientSampled :

TP-3-D

Tot Ion:	43	Resp:	48746
Ion Ratio	Lower	Upper	
43	100		
61	1.0	23.9	35.9#
87	0.0	11.0	16.6#

Manual Integrations
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#50

Toluene-d8

Concen: 50.996 ug/l

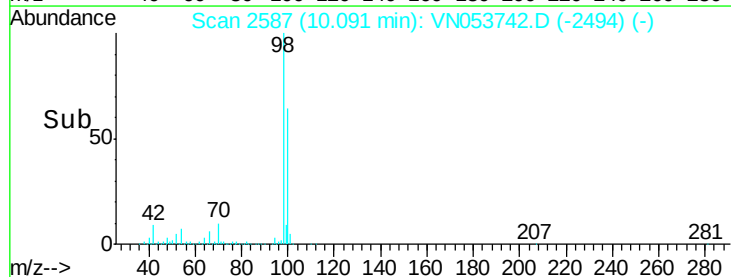
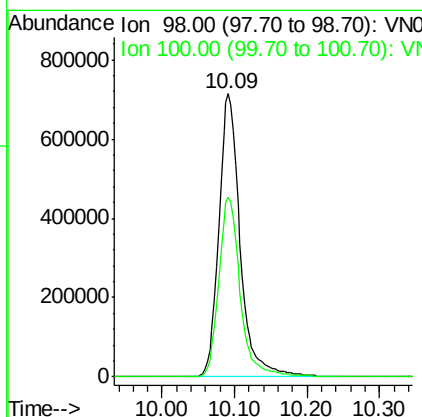
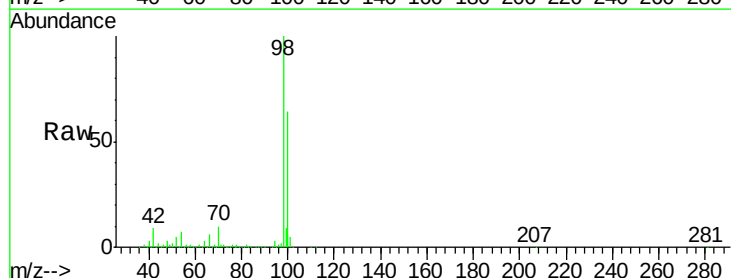
RT: 10.09 min Scan# 2587

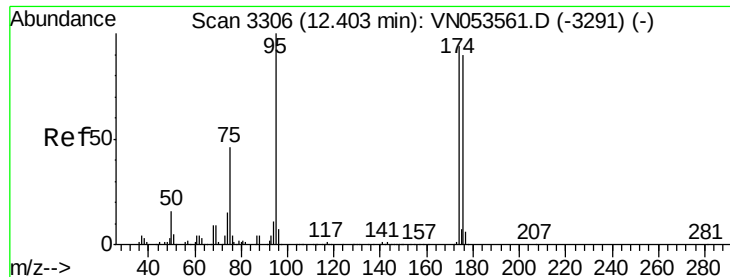
Delta R.T. 0.00 min

Lab File: VN053742.D

Acq: 12 Feb 2019 20:28

Tgt Ion:	98	Resp:	1451104
Ion Ratio	Lower	Upper	
98	100		
100	64.1	51.4	77.0





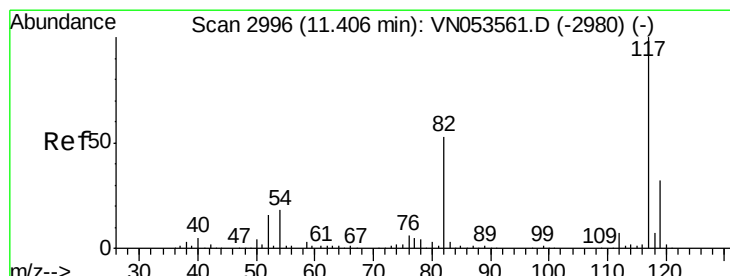
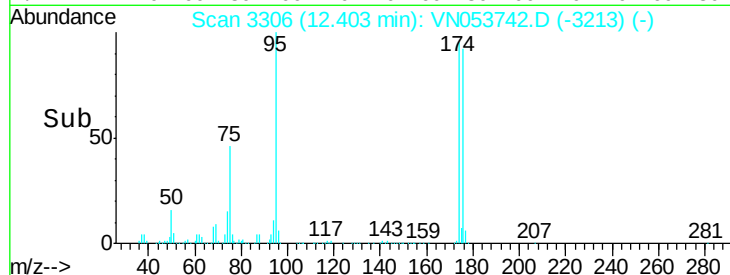
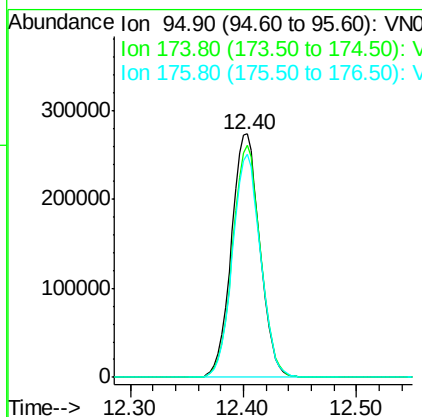
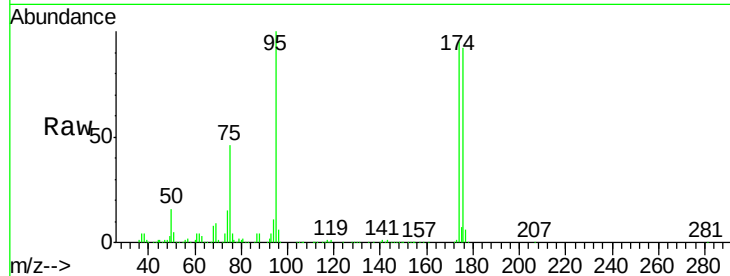
#62
4-Bromofluorobenzene
Concen: 50.424 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053742.D
Acq: 12 Feb 2019 20:28

Instrument :
MSVOA_N
ClientSampleId :
TP-3-D

Tot Ion	Ratio	Resp	Lower	Upper
95	100	478536		
174	93.6	0.0	183.2	
176	90.4	0.0	177.4	

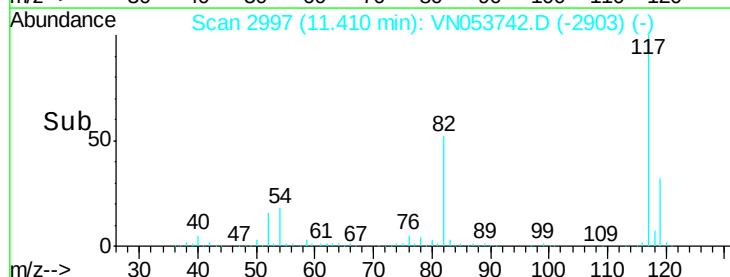
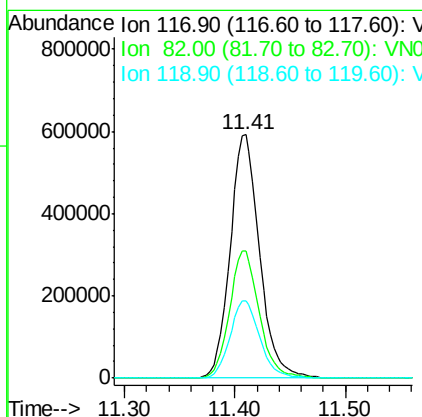
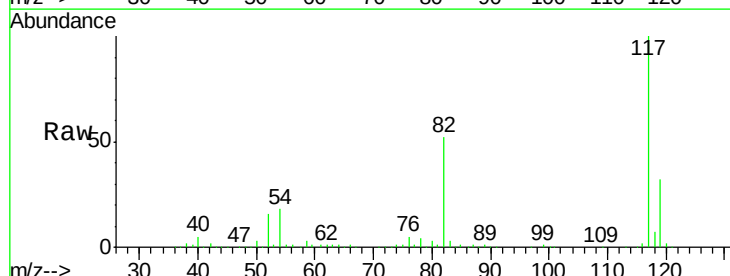
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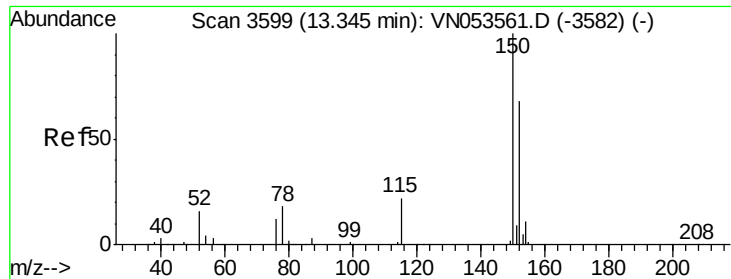
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053742.D
Acq: 12 Feb 2019 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1094487		
82	52.0	42.9	64.3	
119	31.9	26.0	39.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053742.D

Acq: 12 Feb 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

TP-3-D

Tot Ion:152 Resp: 440979

Ion Ratio Lower Upper

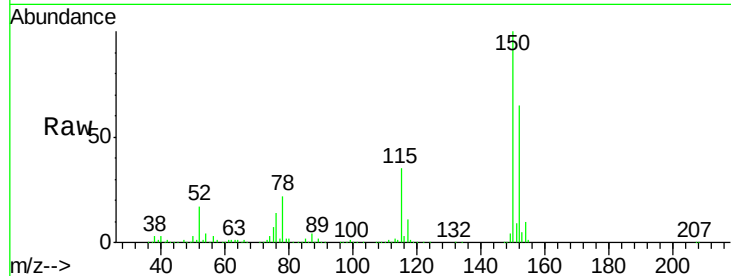
152 100

115 55.1 27.8 83.4

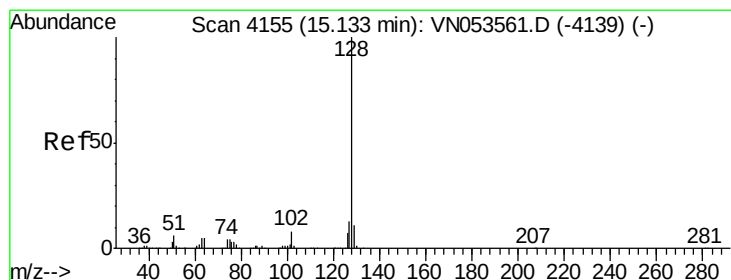
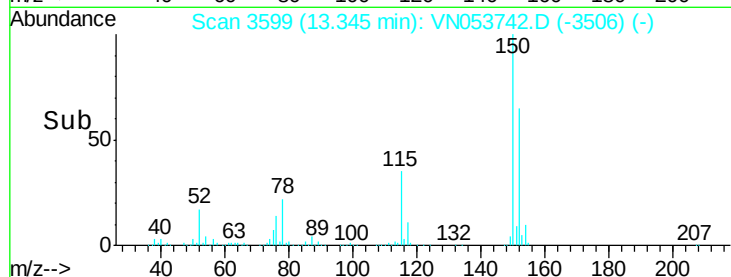
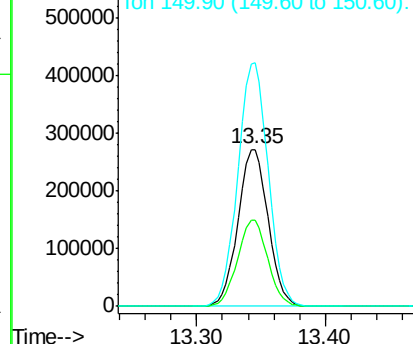
150 156.1 0.0 349.0

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: 2.907 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053742.D

Acq: 12 Feb 2019 20:28

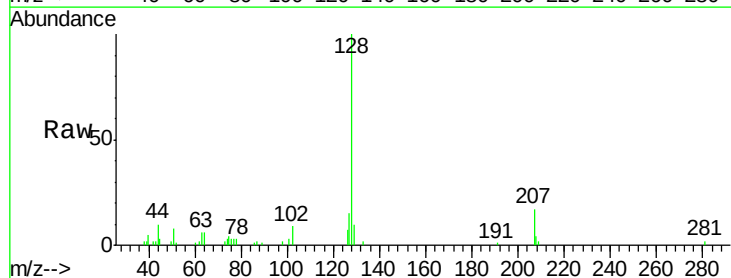
Tgt Ion:128 Resp: 23502

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.1 8.6 13.0



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

