

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050071.D
 Acq On : 26 Jul 2018 3:12
 Operator : MD\SY
 Sample : J4124-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

Manual Integrations
 APPROVED

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 7/26/2018 3:55:15 PM

Quant Time: Jul 26 08:02:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	624416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1034123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	856574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	346249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	447033	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
35) Dibromofluoromethane	7.59	113	395251	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	10.09	98	1378101	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
62) 4-Bromofluorobenzene	12.40	95	397358	38.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.76%	
Target Compounds						
16) Acetone	3.83	43	19066	5.04	ug/l	95
18) Methyl Acetate	4.34	43	52532	5.12	ug/l	99
20) Methylene Chloride	4.55	84	446036	57.94	ug/l	99
25) 2-Butanone	6.86	43	14086m	4.24	ug/l	
59) 2-Hexanone	10.76	43	4665	5.95	ug/l	77
95) Naphthalene	15.14	128	405311	27.78	ug/l	99

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

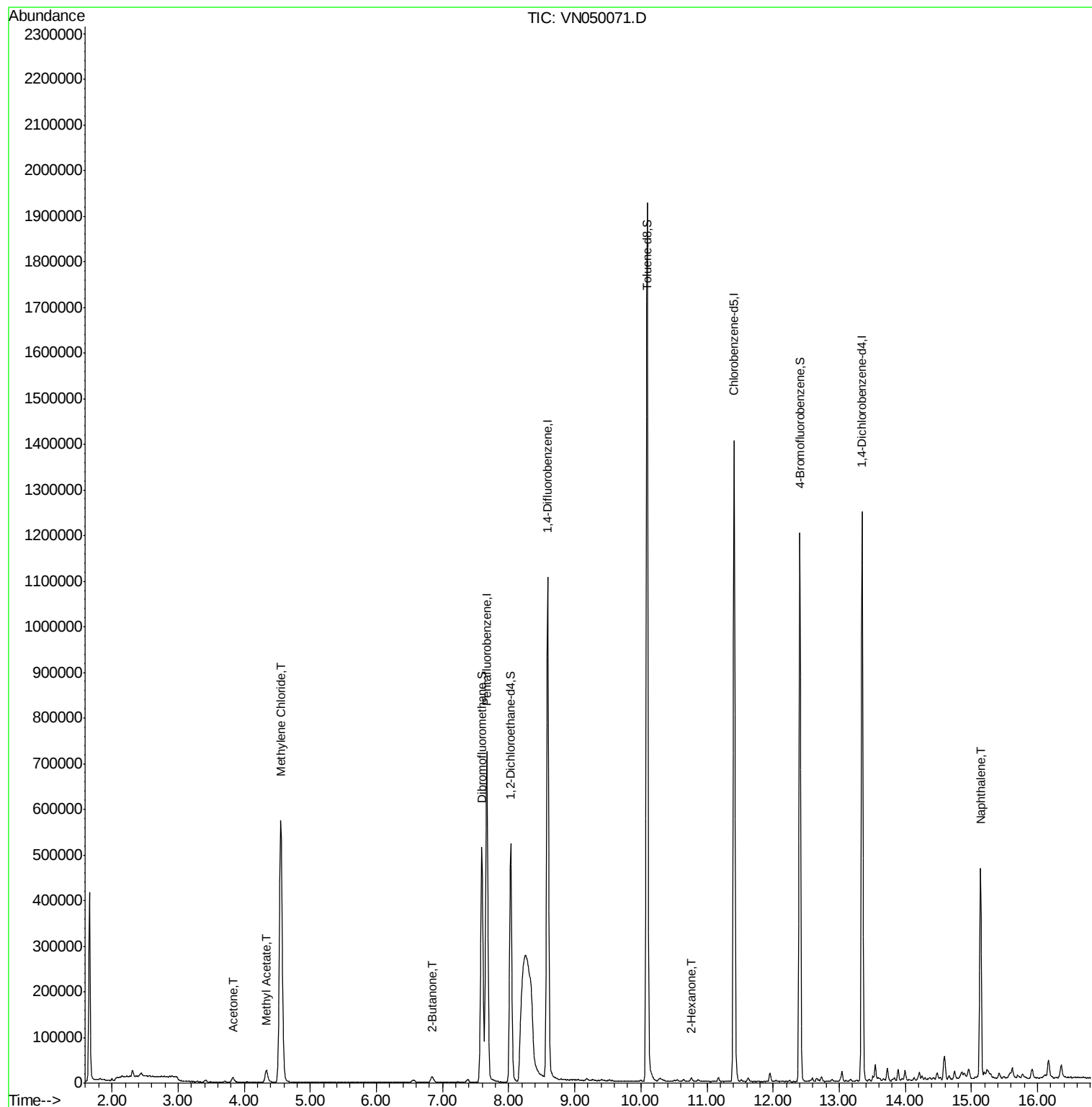
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
Data File : VN050071.D
Acq On : 26 Jul 2018 3:12
Operator : MD\SY
Sample : J4124-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

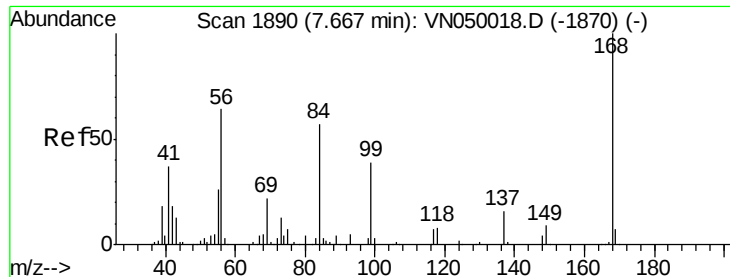
Instrument :
MSVOA_N
ClientSampleId :
TP-11-D

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Quant Time: Jul 26 08:02:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

Tot Ion:168 Resp: 624416

Ion Ratio Lower Upper

168 100

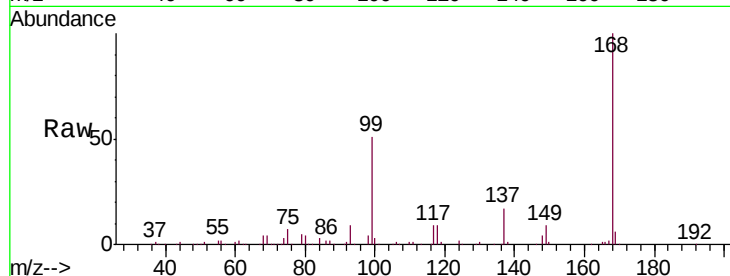
99 51.2 40.0 60.0

Manual Integrations

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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

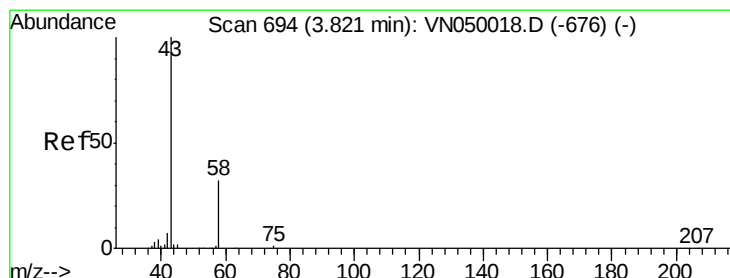
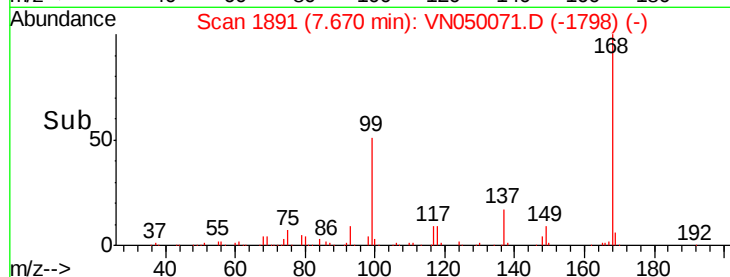
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.04 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050071.D

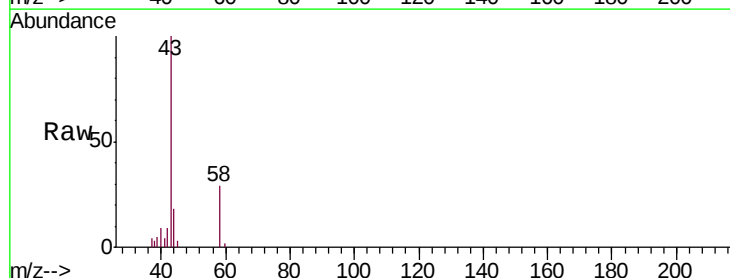
Acq: 26 Jul 2018 3:12

Tgt Ion: 43 Resp: 19066

Ion Ratio Lower Upper

43 100

58 29.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

8000

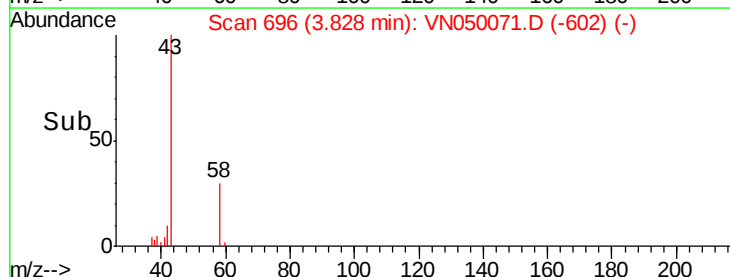
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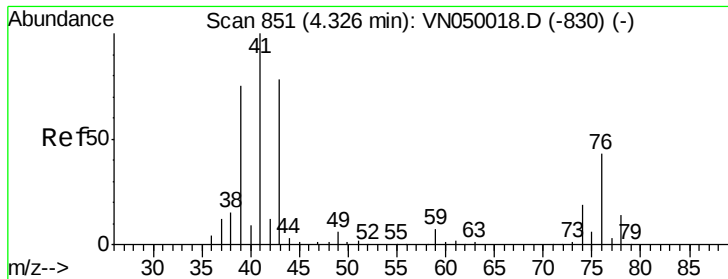
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2000

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Time-->





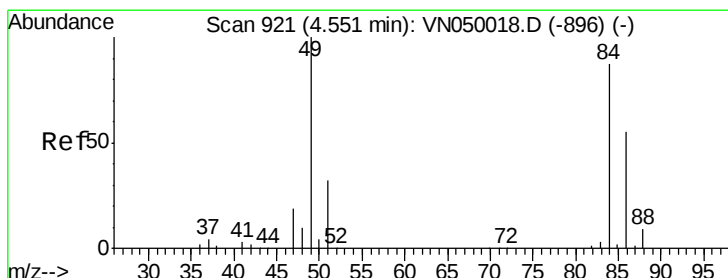
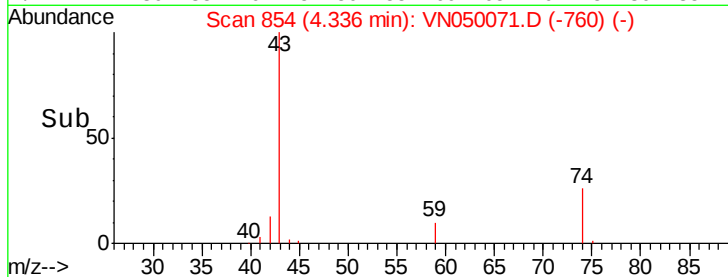
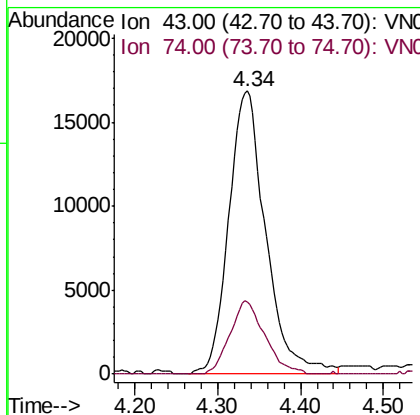
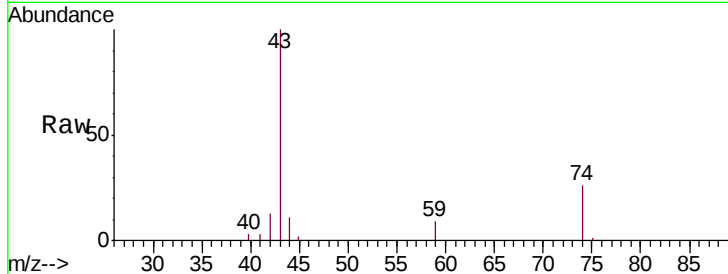
#18
Methyl Acetate
Concen: 5.12 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Instrument :
MSVOA_N
ClientSampled :
TP-11-D

Tot Ion: 43 Resp: 52532
Ion Ratio Lower Upper
43 100
74 24.3 19.2 28.8

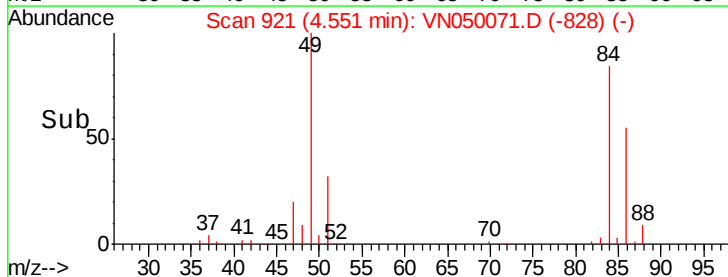
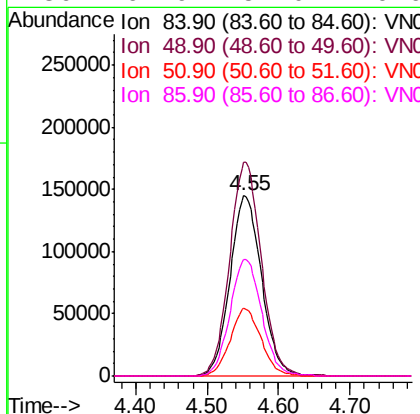
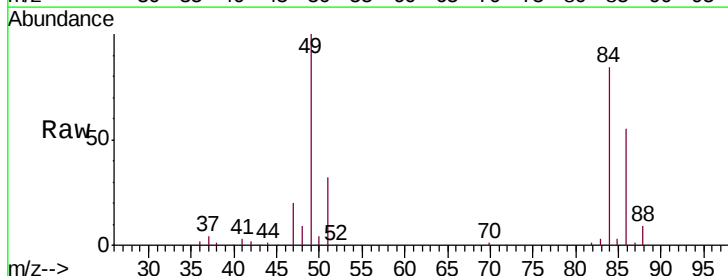
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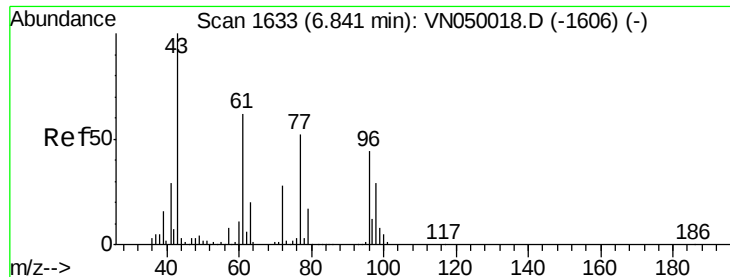
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#20
Methylene Chloride
Concen: 57.94 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Tgt Ion: 84 Resp: 446036
Ion Ratio Lower Upper
84 100
49 118.4 94.8 142.2
51 37.5 28.3 42.5
86 64.9 51.0 76.6





#25

2-Butanone

Concen: 4.24 ug/l m

RT: 6.86 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

Tot Ion: 43 Resp: 14086

Ion Ratio Lower Upper

43 100

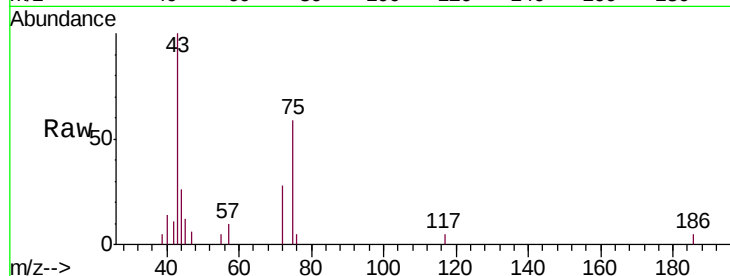
72 28.3 21.5 32.3

Manual Integrations

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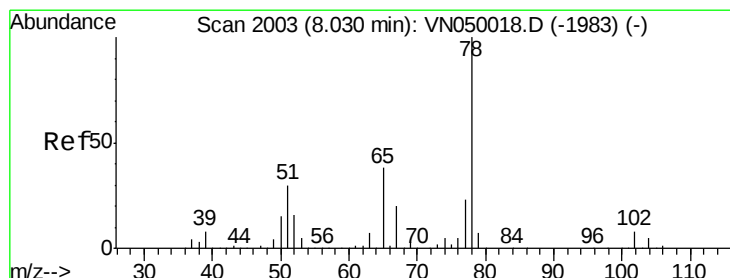
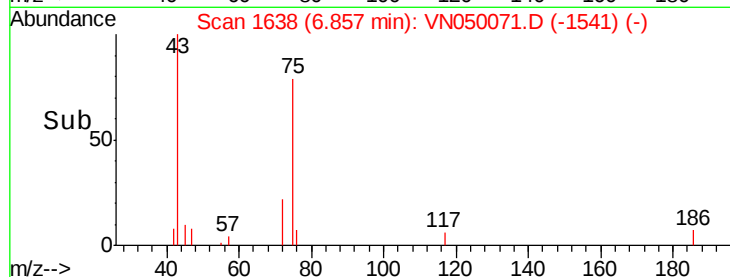
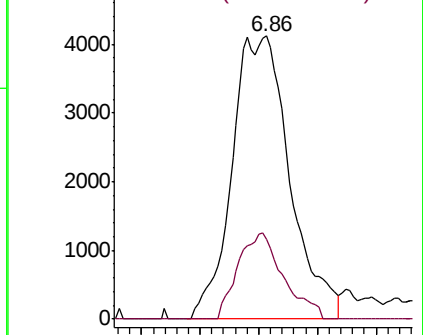
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.31 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050071.D

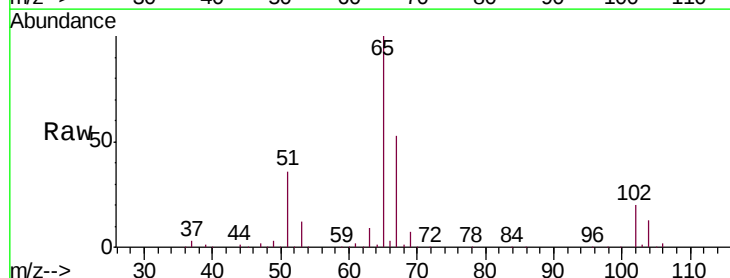
Acq: 26 Jul 2018 3:12

Tgt Ion: 65 Resp: 447033

Ion Ratio Lower Upper

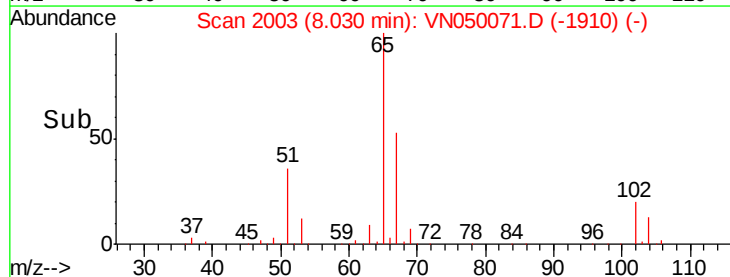
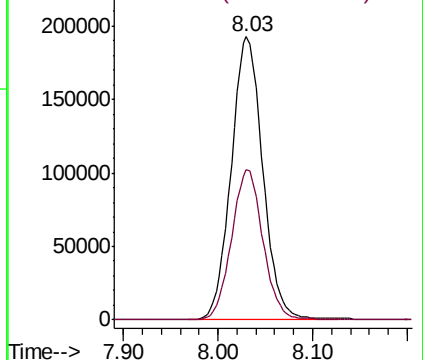
65 100

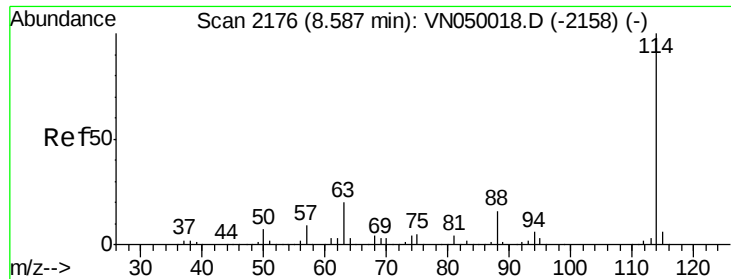
67 52.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





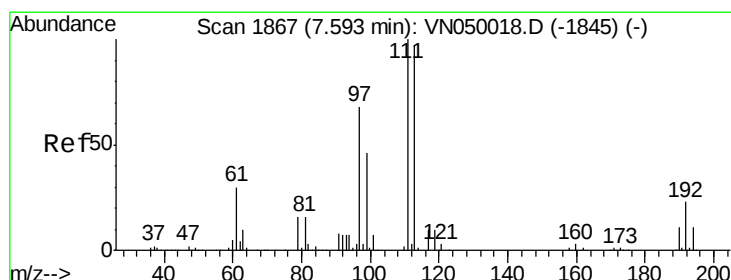
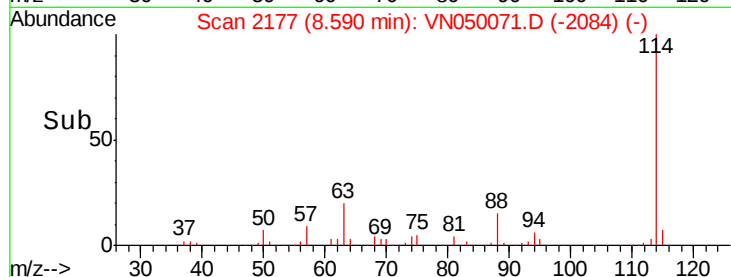
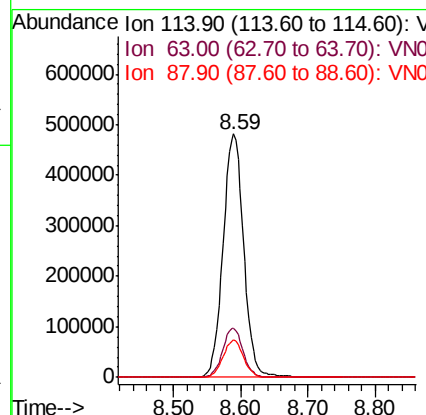
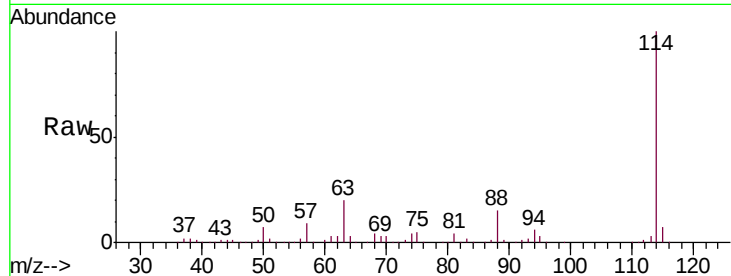
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Instrument :
MSVOA_N
ClientSampleId :
TP-11-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	15.3	0.0	31.2

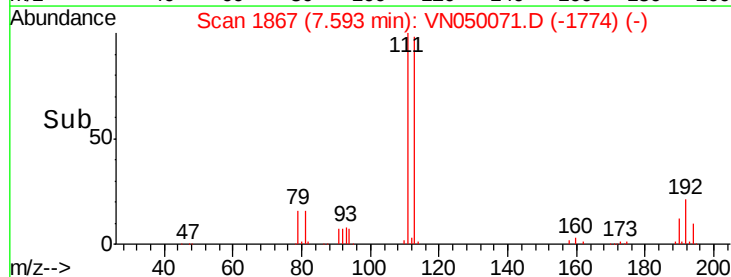
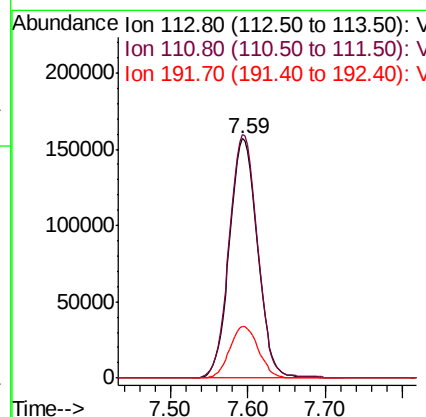
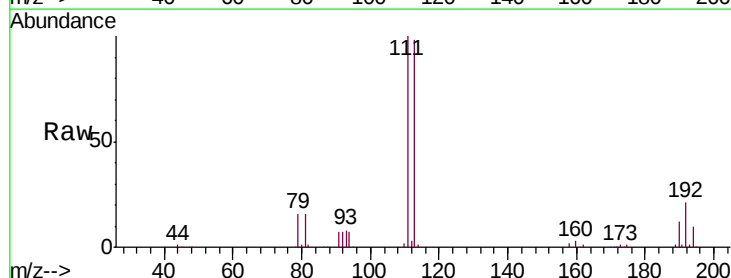
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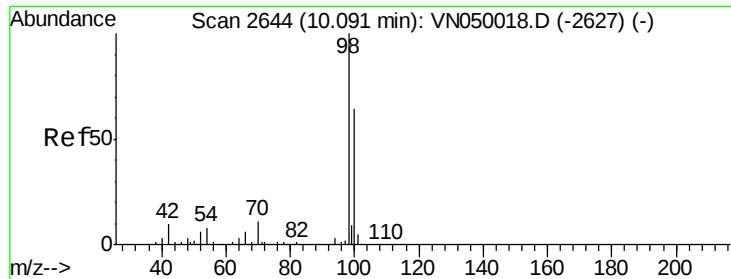
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#35
Dibromofluoromethane
Concen: 46.81 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.7	121.1
192	22.1	17.8	26.6





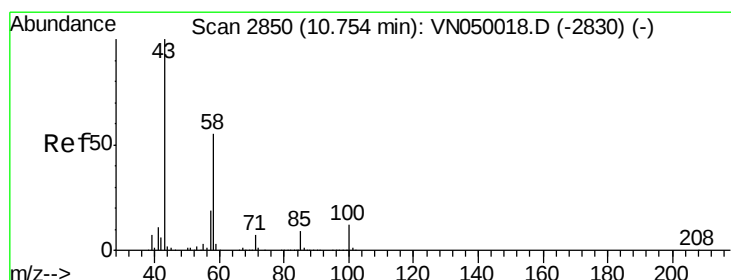
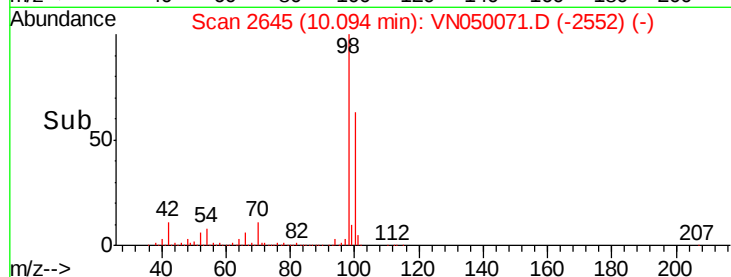
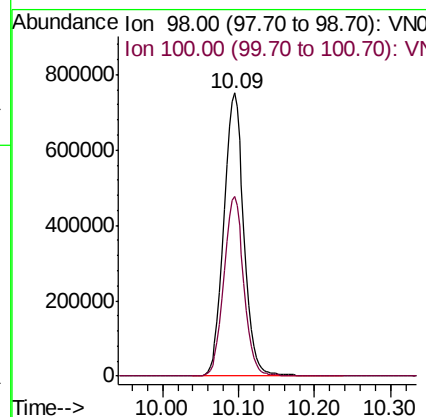
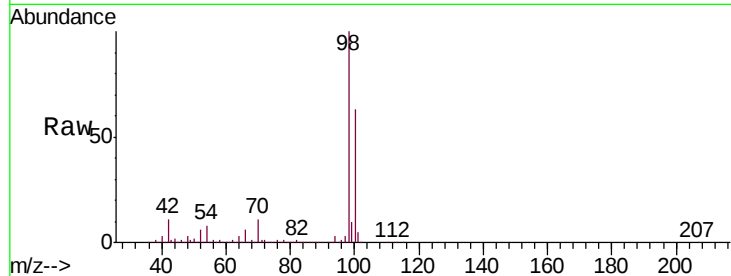
#50
Toluene-d8
Concen: 44.40 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Instrument :
MSVOA_N
ClientSampleId :
TP-11-D

Tot Ion: 98 Resp: 1378101
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1

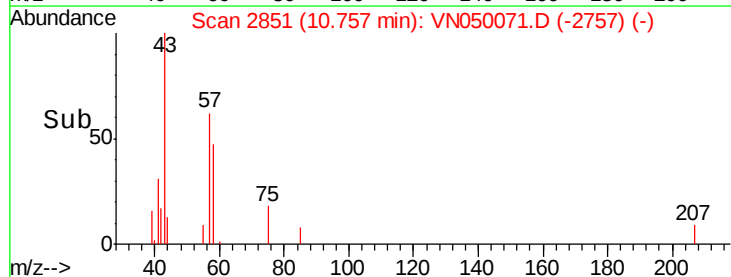
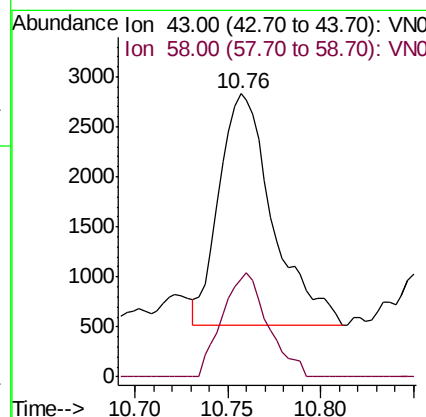
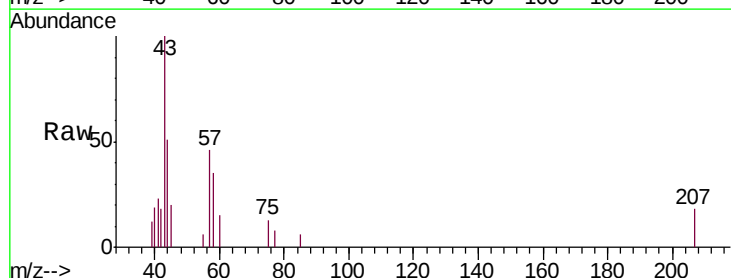
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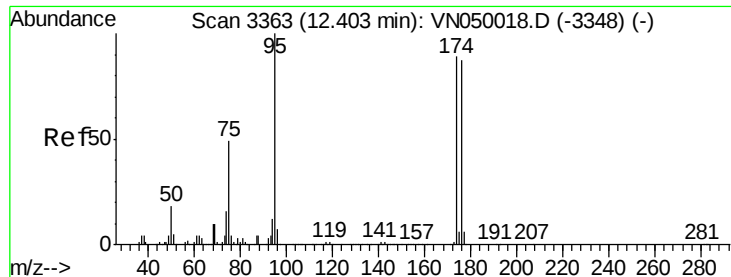
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#59
2-Hexanone
Concen: 5.95 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Tgt Ion: 43 Resp: 4665
Ion Ratio Lower Upper
43 100
58 38.1 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 38.88 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

Tot Ion: 95 Resp: 397358

Ion Ratio Lower Upper

95 100

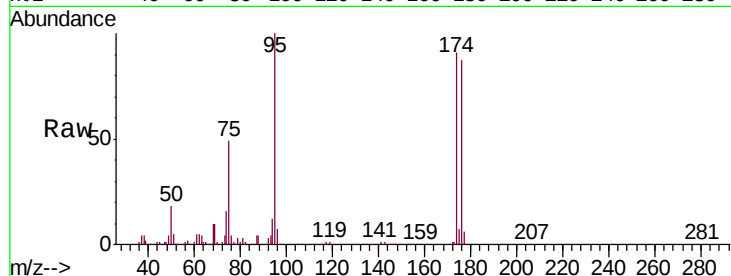
174 92.0 0.0 178.2

176 87.7 0.0 173.4

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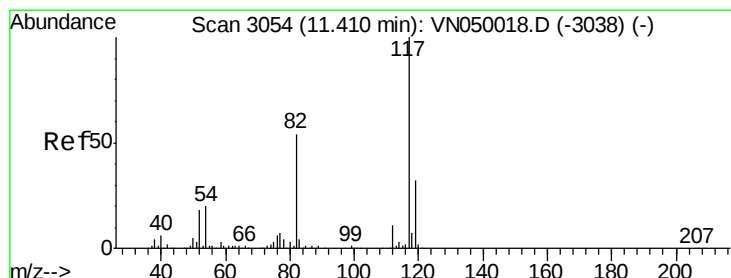
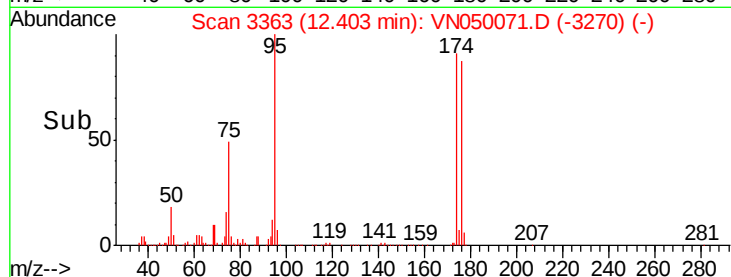
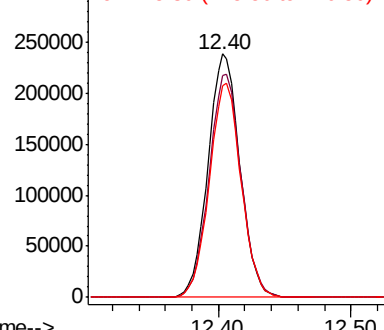
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Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

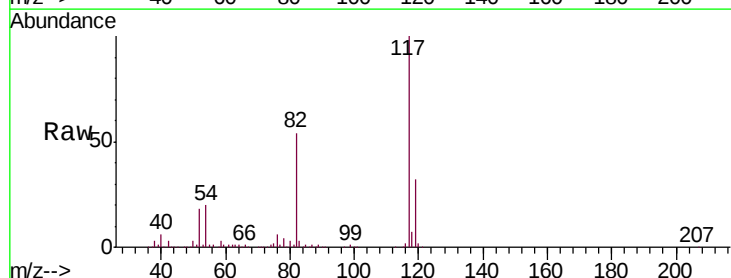
Tgt Ion: 117 Resp: 856574

Ion Ratio Lower Upper

117 100

82 53.8 43.7 65.5

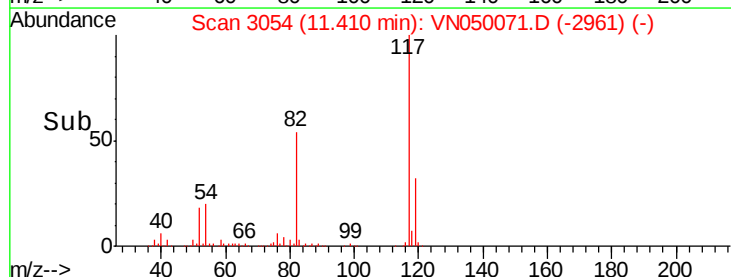
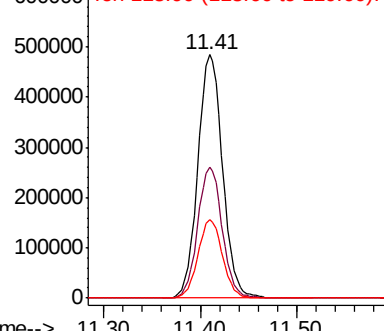
119 32.3 26.1 39.1

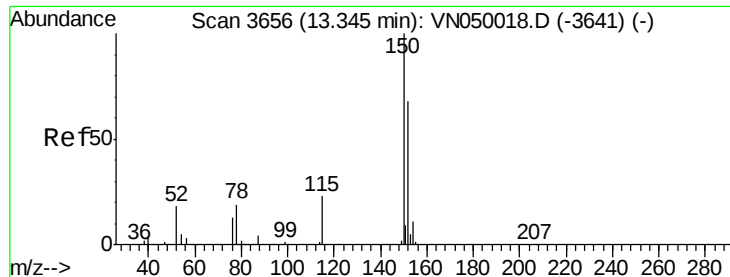


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

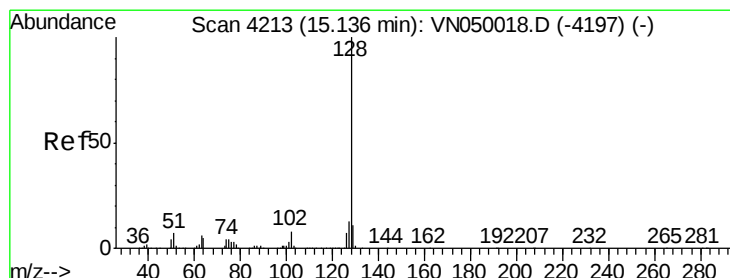
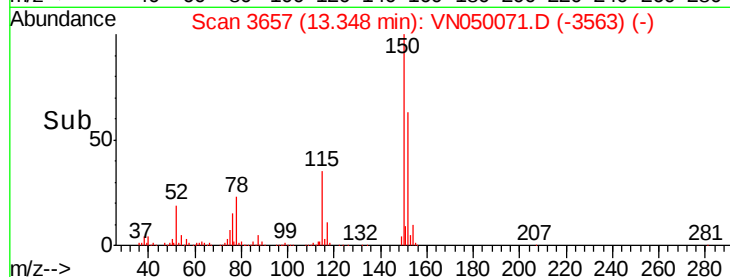
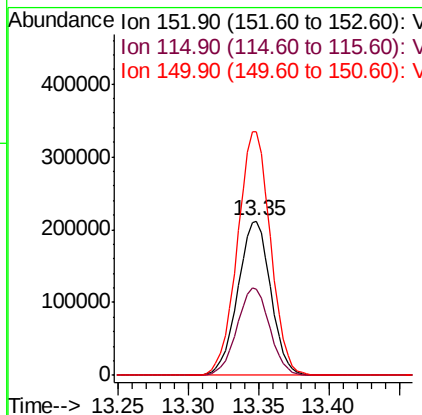
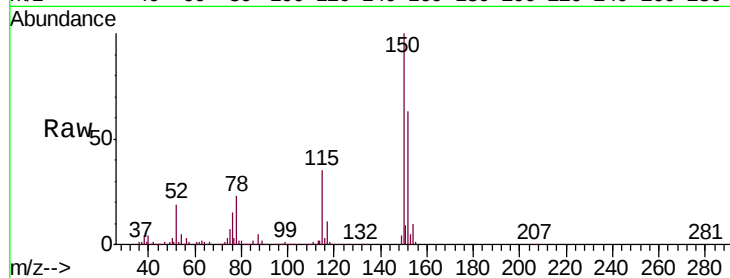
ClientSampleId :

TP-11-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.8	83.3
150	158.2	0.0	348.6

Manual Integrations
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#95

Naphthalene

Concen: 27.78 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.7	8.8	13.2

