

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050747.D
 Acq On : 18 Aug 2018 3:19
 Operator : MD\SY
 Sample : J4486-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ202

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:53:43 AM

Quant Time: Aug 18 05:39:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	648587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1030345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	869635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	284662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	424732	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	7.59	113	400795	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	10.09	98	1434921	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.40	95	375666	36.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.46%	
Target Compounds						
16) Acetone	3.82	43	29740	13.20	ug/l	98
18) Methyl Acetate	4.34	43	13005	1.30	ug/l #	88
20) Methylene Chloride	4.53	84	38062740m	5024.78	ug/l	
28) Bromochloromethane	7.20	49	91623	13.86	ug/l	99
43) Isopropyl Acetate	8.17	43	224090	18.97	ug/l	100
95) Naphthalene	15.13	128	15060	5.13	ug/l #	95

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

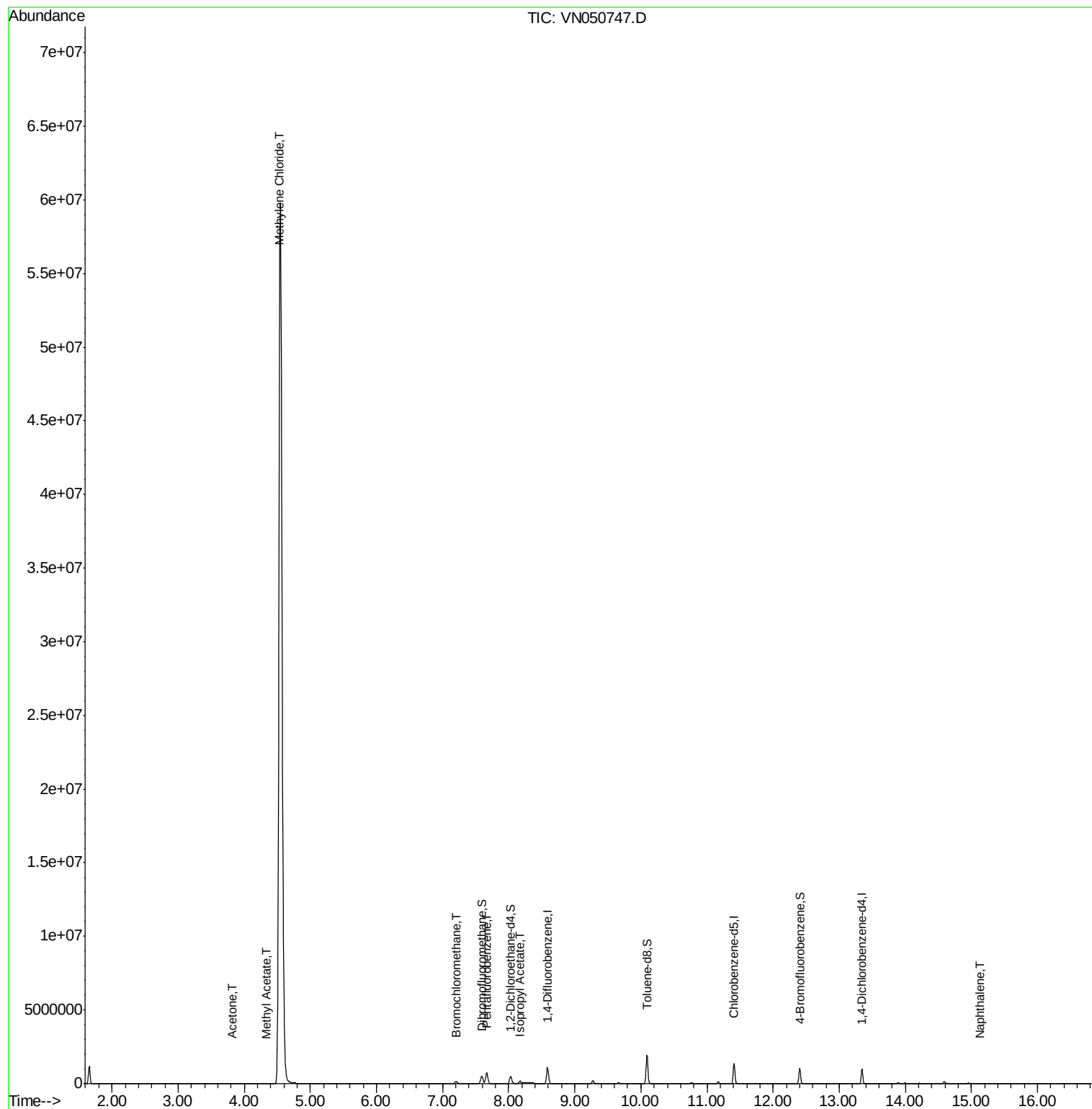
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050747.D
Acq On : 18 Aug 2018 3:19
Operator : MD\SY
Sample : J4486-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

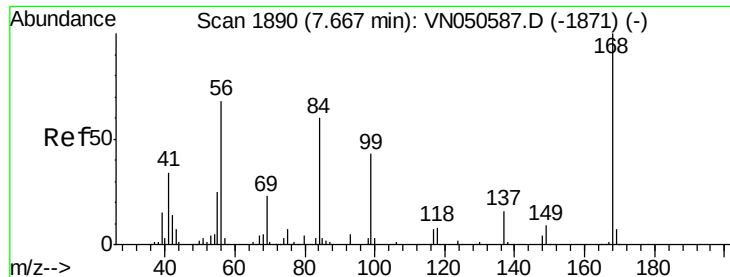
Instrument :
MSVOA_N
ClientSampleId :
VNJ202

Manual Integrations
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8/20/2018 10:53:43 AM

Quant Time: Aug 18 05:39:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 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: VN050747.D

Acq: 18 Aug 2018 3:19

Instrument :

MSVOA_N

ClientSampled :

VNJ202

Tot Ion:168 Resp: 648587

Ion Ratio Lower Upper

168 100

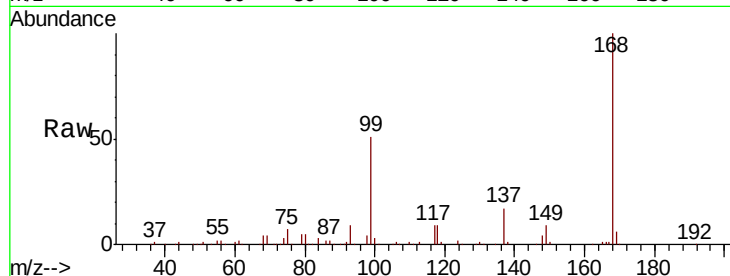
99 50.6 40.8 61.2

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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

250000

200000

150000

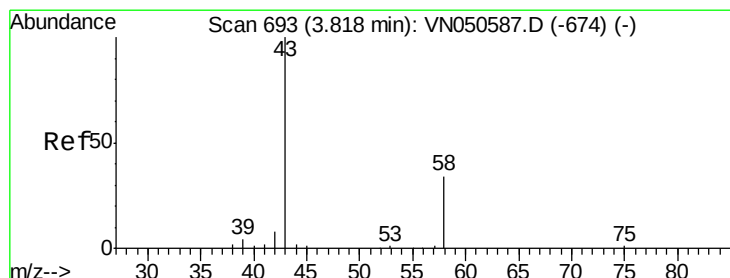
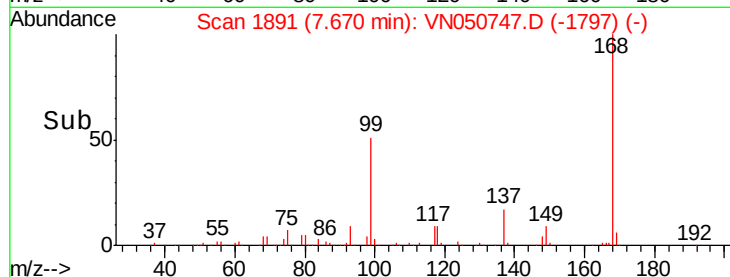
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 13.20 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050747.D

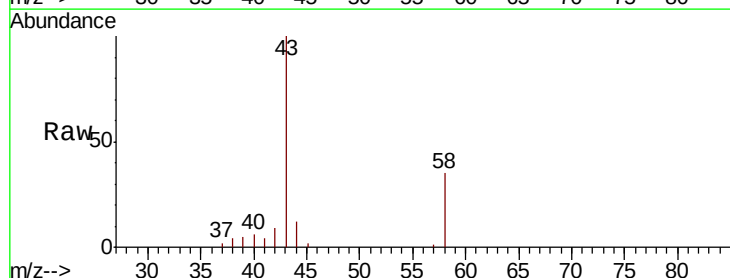
Acq: 18 Aug 2018 3:19

Tgt Ion: 43 Resp: 29740

Ion Ratio Lower Upper

43 100

58 34.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

12000

10000

8000

6000

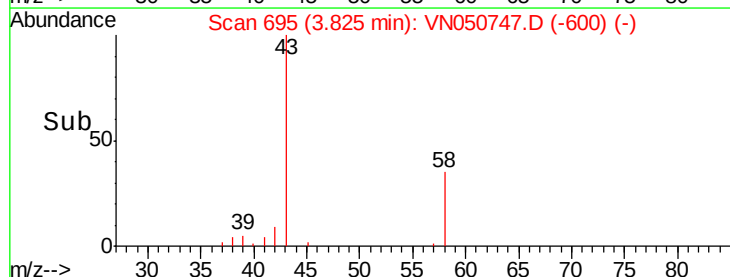
4000

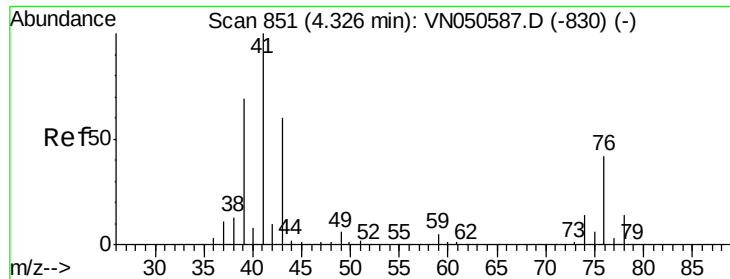
2000

0

3.75 3.80 3.85 3.90 3.95

Time-->





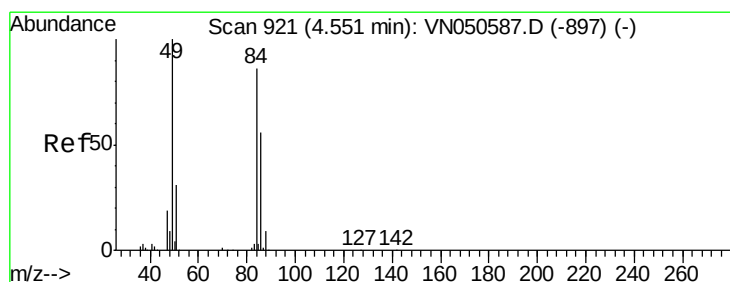
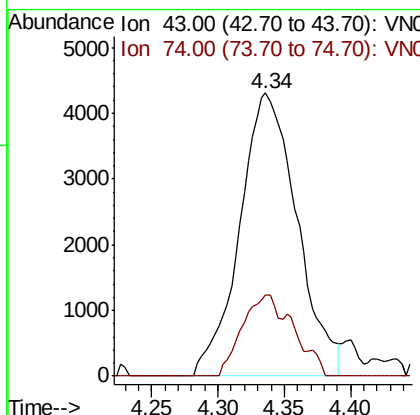
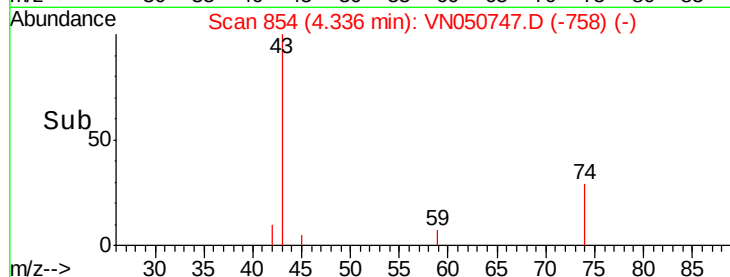
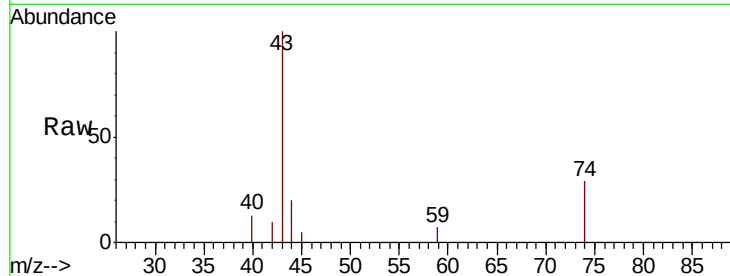
#18
Methvl Acetate
Concen: 1.30 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050747.D
Acq: 18 Aug 2018 3:19

Instrument :
MSVOA_N
ClientSampled :
VNJ202

Tot Ion: 43 Resp: 13005
Ion Ratio Lower Upper
43 100
74 18.4 19.7 29.5#

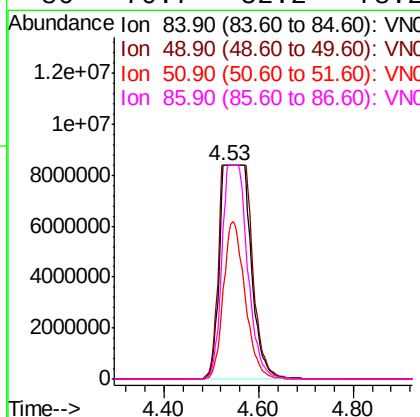
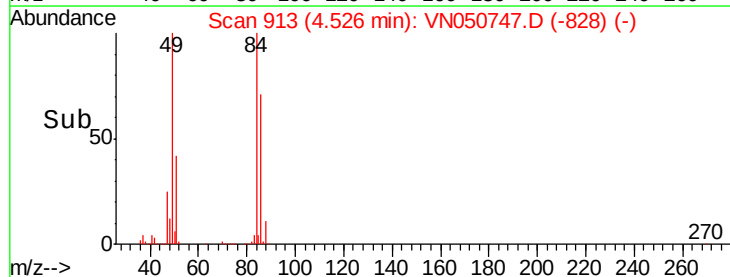
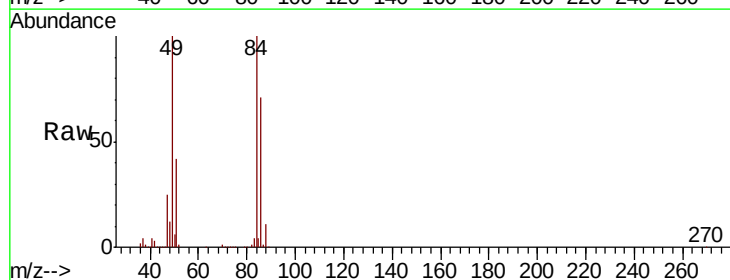
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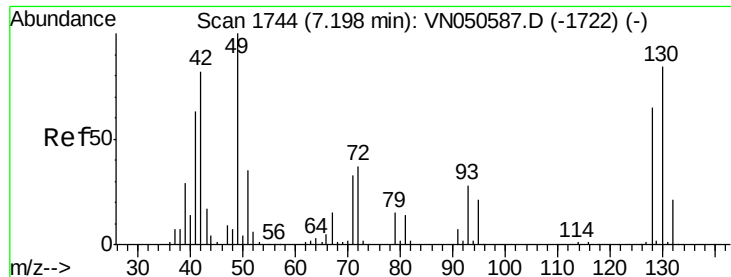
MMDadoda
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#20
Methylene Chloride
Concen: 5024.78 ug/l m
RT: 4.53 min Scan# 913
Delta R.T. -0.03 min
Lab File: VN050747.D
Acq: 18 Aug 2018 3:19

Tgt Ion: 84 Resp: 38062740
Ion Ratio Lower Upper
84 100
49 100.0 92.6 138.8
51 41.9 28.6 43.0
86 70.7 52.2 78.2





#28

Bromochloromethane

Concen: 13.86 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050747.D

Acq: 18 Aug 2018 3:19

Instrument :

MSVOA_N

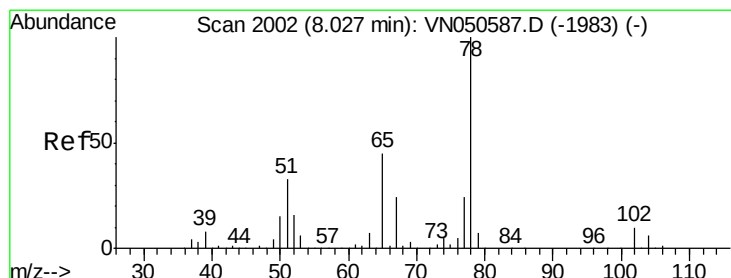
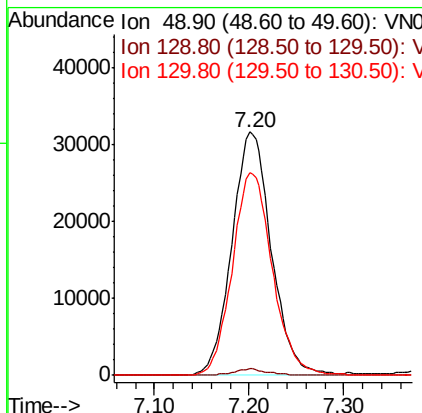
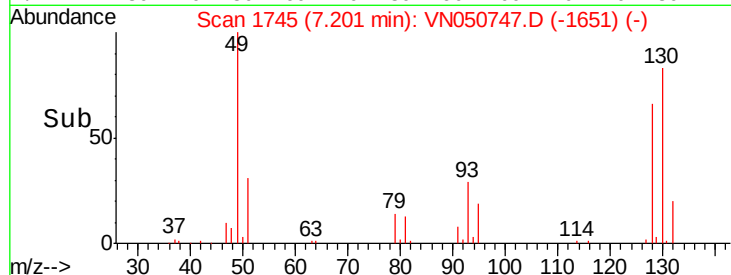
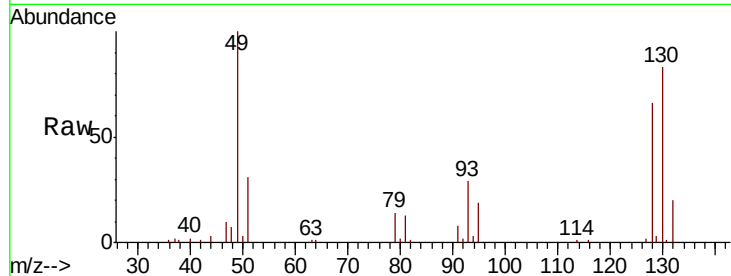
ClientSampled :

VNJ202

Tot Ion: 49 Resp: 91623
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 84.1 66.8 100.2

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 51.95 ug/l

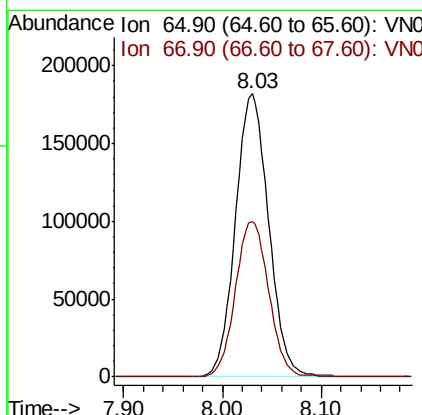
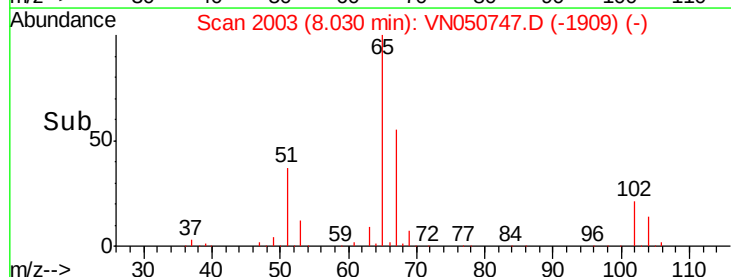
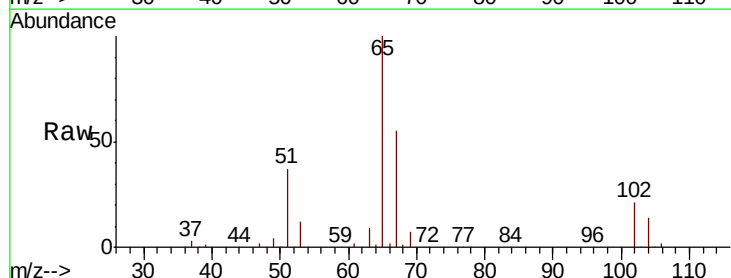
RT: 8.03 min Scan# 2003

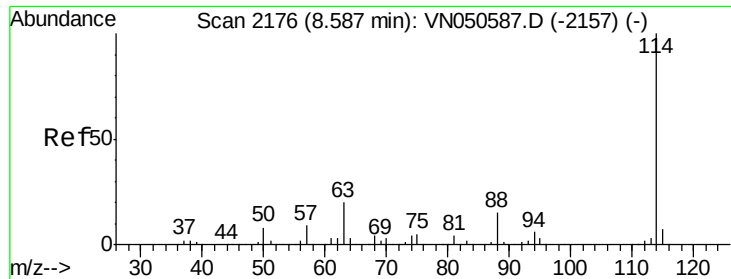
Delta R.T. 0.00 min

Lab File: VN050747.D

Acq: 18 Aug 2018 3:19

Tgt Ion: 65 Resp: 424732
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.8





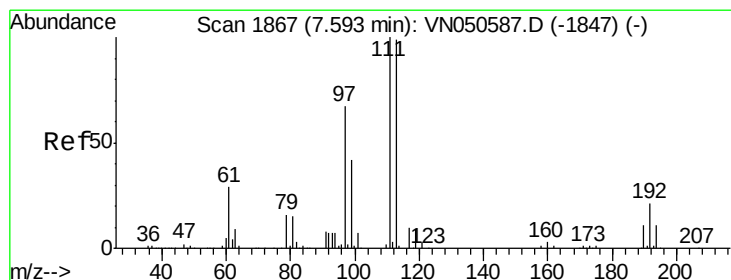
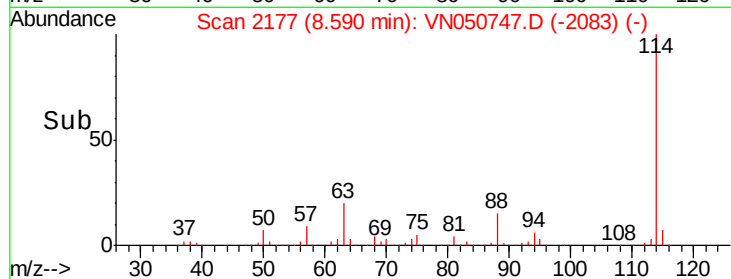
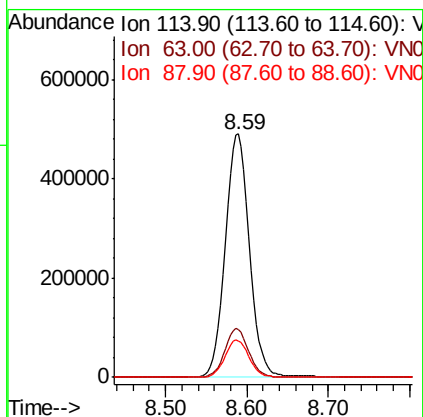
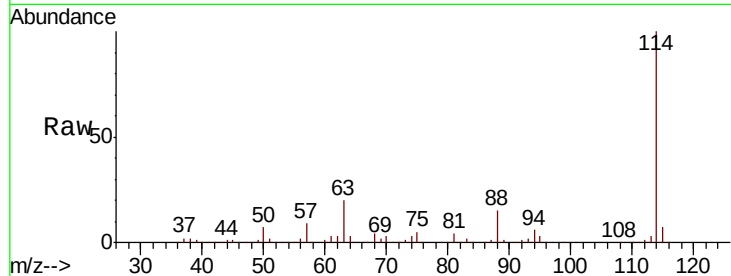
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050747.D
 Acq: 18 Aug 2018 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ202

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.0
88	15.0	0.0	30.8

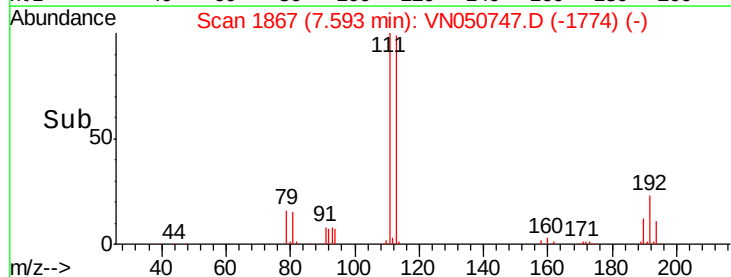
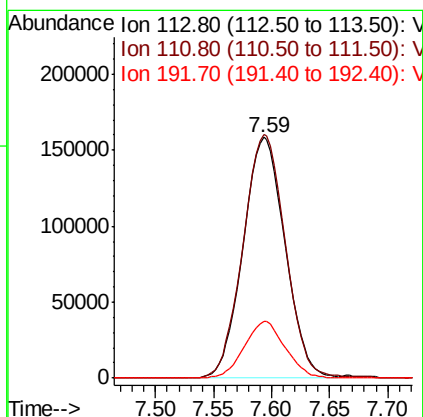
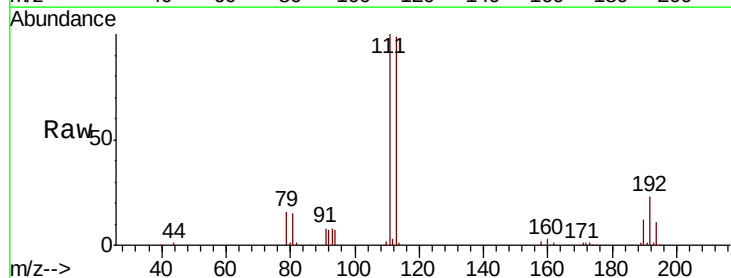
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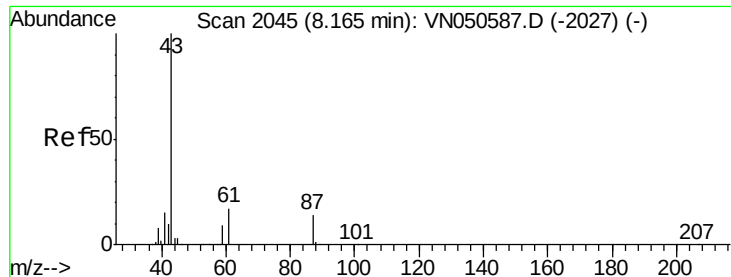
MMDadoda
 8/20/2018 10:53:43 AM



#35
 Dibromofluoromethane
 Concen: 48.72 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050747.D
 Acq: 18 Aug 2018 3:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.6
192	22.8	17.6	26.4





#43

Isopropyl Acetate

Concen: 18.97 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050747.D

Acq: 18 Aug 2018 3:19

Instrument :

MSVOA_N

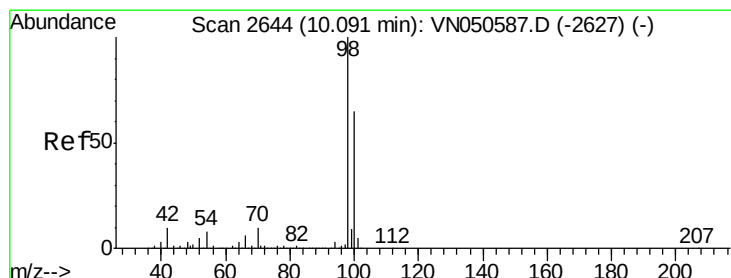
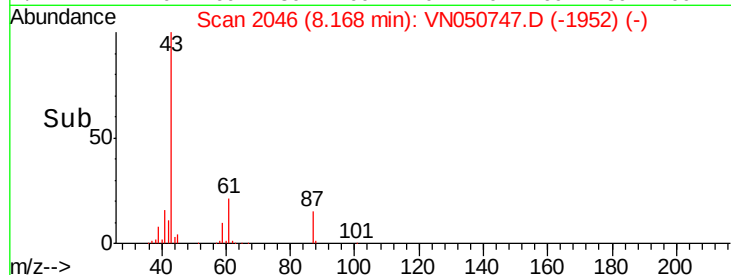
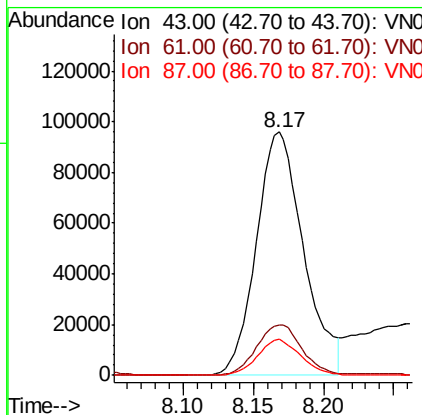
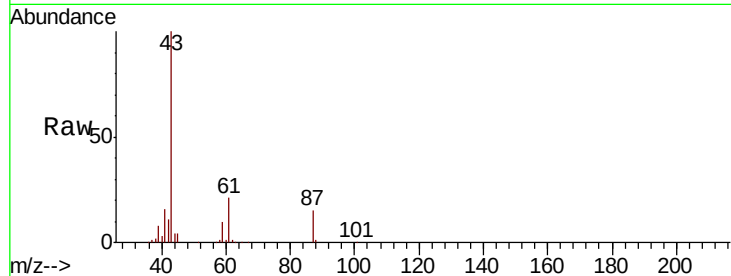
ClientSampleId :

VNJ202

Tot Ion:	43	Resp:	224090
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.2	24.2
87	13.5	10.9	16.3

Manual Integrations
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#50

Toluene-d8

Concen: 46.35 ug/l

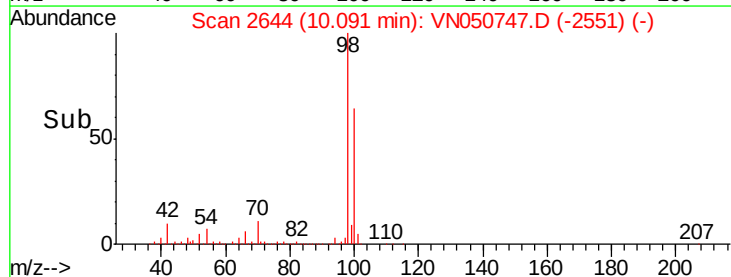
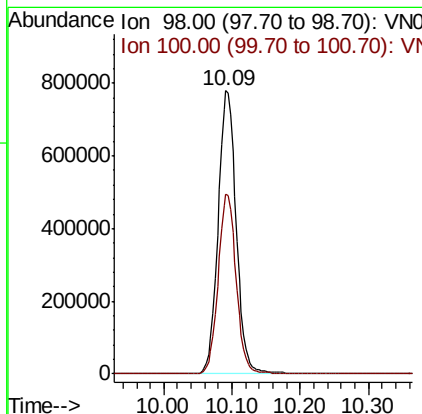
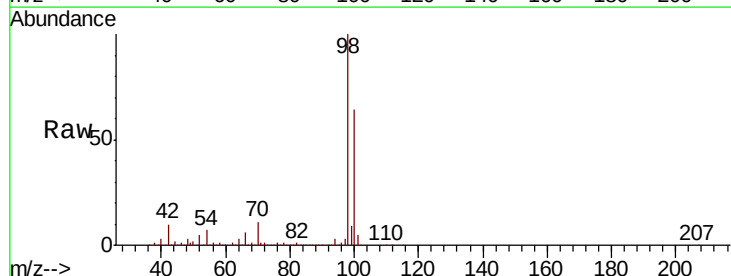
RT: 10.09 min Scan# 2644

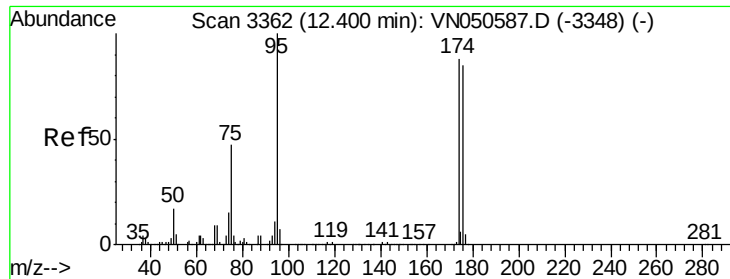
Delta R.T. -0.00 min

Lab File: VN050747.D

Acq: 18 Aug 2018 3:19

Tgt Ion:	98	Resp:	1434921
Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.8	77.8





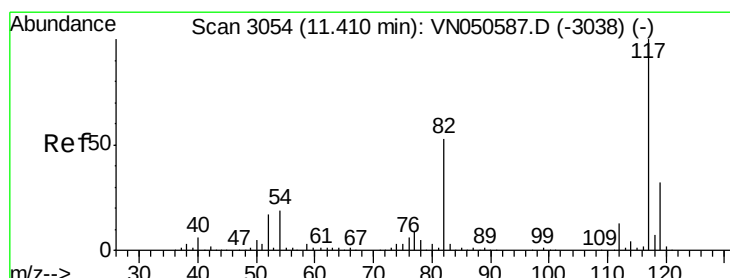
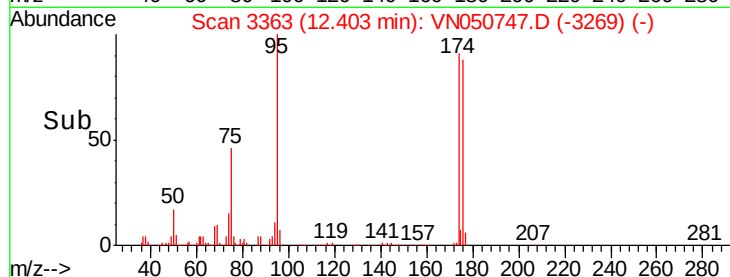
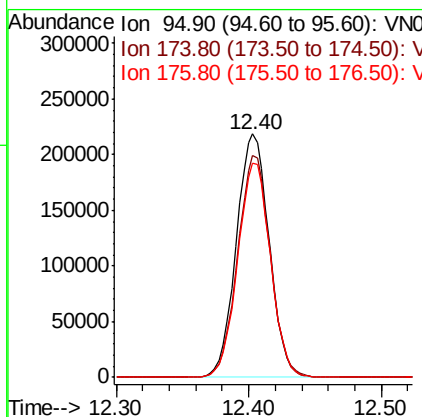
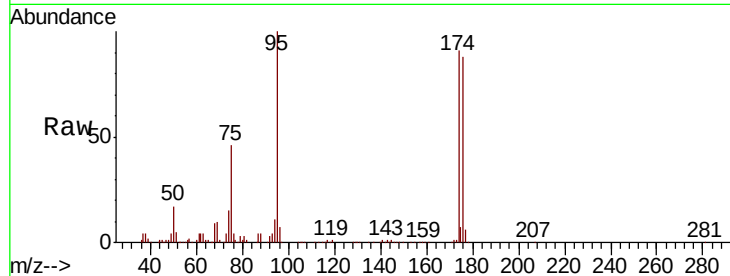
#62
4-Bromofluorobenzene
Concen: 36.73 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050747.D
Acq: 18 Aug 2018 3:19

Instrument :
MSVOA_N
ClientSampleId :
VNJ202

Tot Ion	Ratio	Resp	Lower	Upper
95	100	375666		
174	90.4	0.0	177.8	
176	87.8	0.0	175.0	

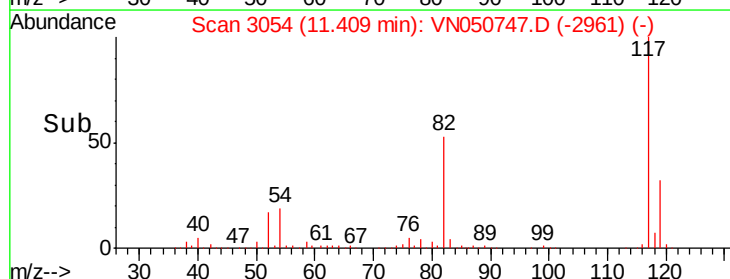
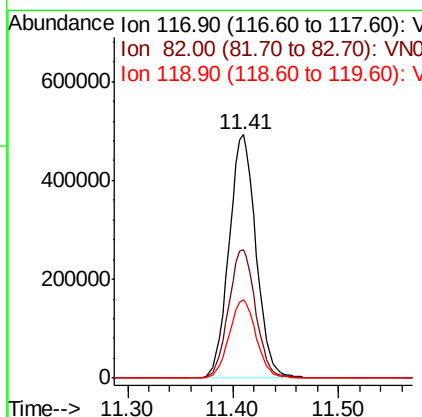
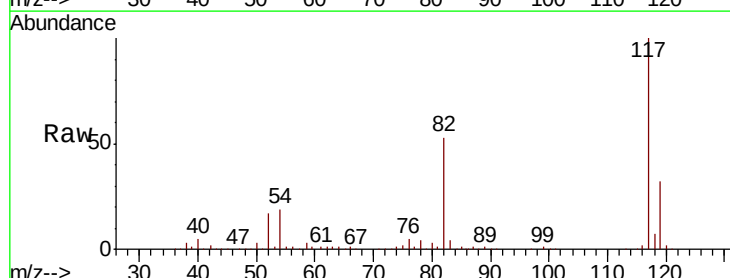
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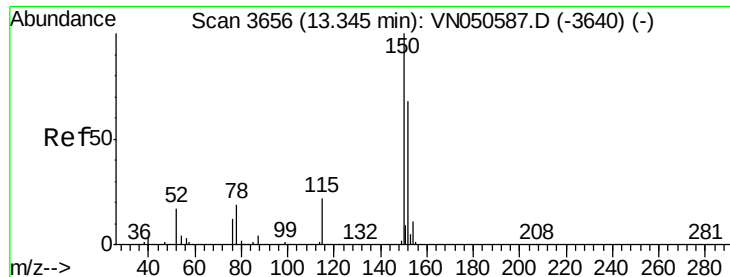
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050747.D
Acq: 18 Aug 2018 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	869635		
82	52.9	42.4	63.6	
119	32.1	25.8	38.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050747.D

Acq: 18 Aug 2018 3:19

Instrument :

MSVOA_N

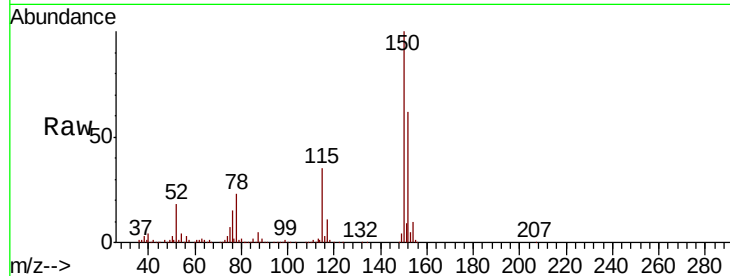
ClientSampled :

VNJ202

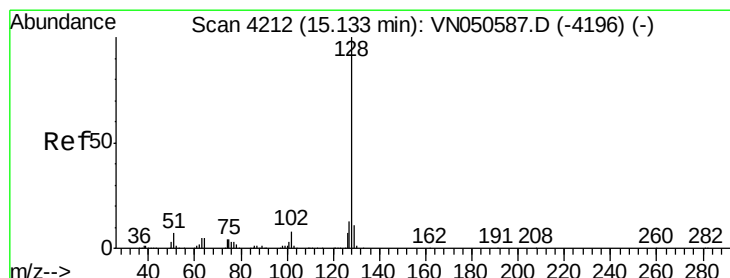
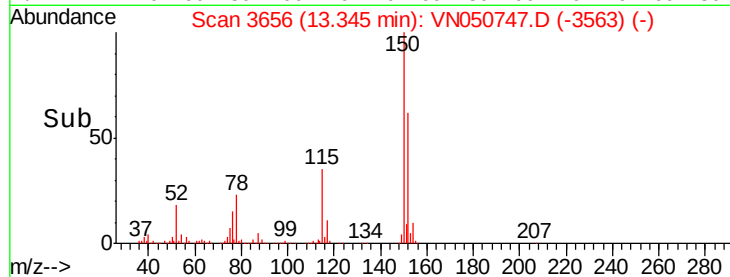
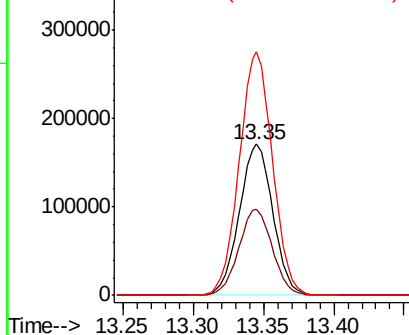
Tot Ion:	152	Resp:	284662
Ion Ratio	Lower	Upper	
152	100		
115	57.0	28.1	84.2
150	159.9	0.0	347.8

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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: 5.13 ug/l

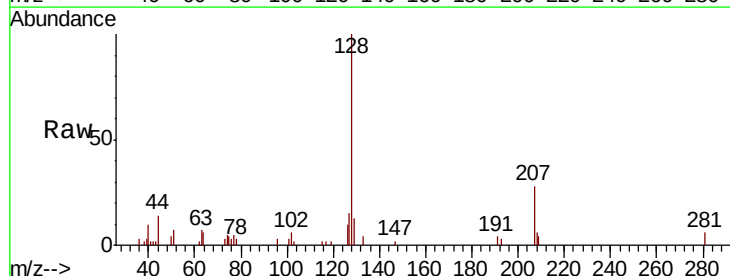
RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050747.D

Acq: 18 Aug 2018 3:19

Tgt Ion:	128	Resp:	15060
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.3	15.5
129	12.8	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

