

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027190.D
 Acq On : 16 Sep 2015 4:25
 Operator : MD\FY
 Sample : G3629-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0103

Manual Integrations
 APPROVED

MMDadoda
 9/16/2015 11:47:57 AM

Quant Time: Sep 16 05:27:47 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	806126	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1441097	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1211346	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	424669	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	795116	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
36) Dibromofluoromethane	7.68	113	516622	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
51) Toluene-d8	10.19	98	2101470	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
63) 4-Bromofluorobenzene	12.52	95	694165	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
Target Compounds						
4) Chloromethane	2.01	50	4031m	1.47	ug/l	Qvalue
45) Trichloroethene	8.93	130	2460	0.25	ug/l	83

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

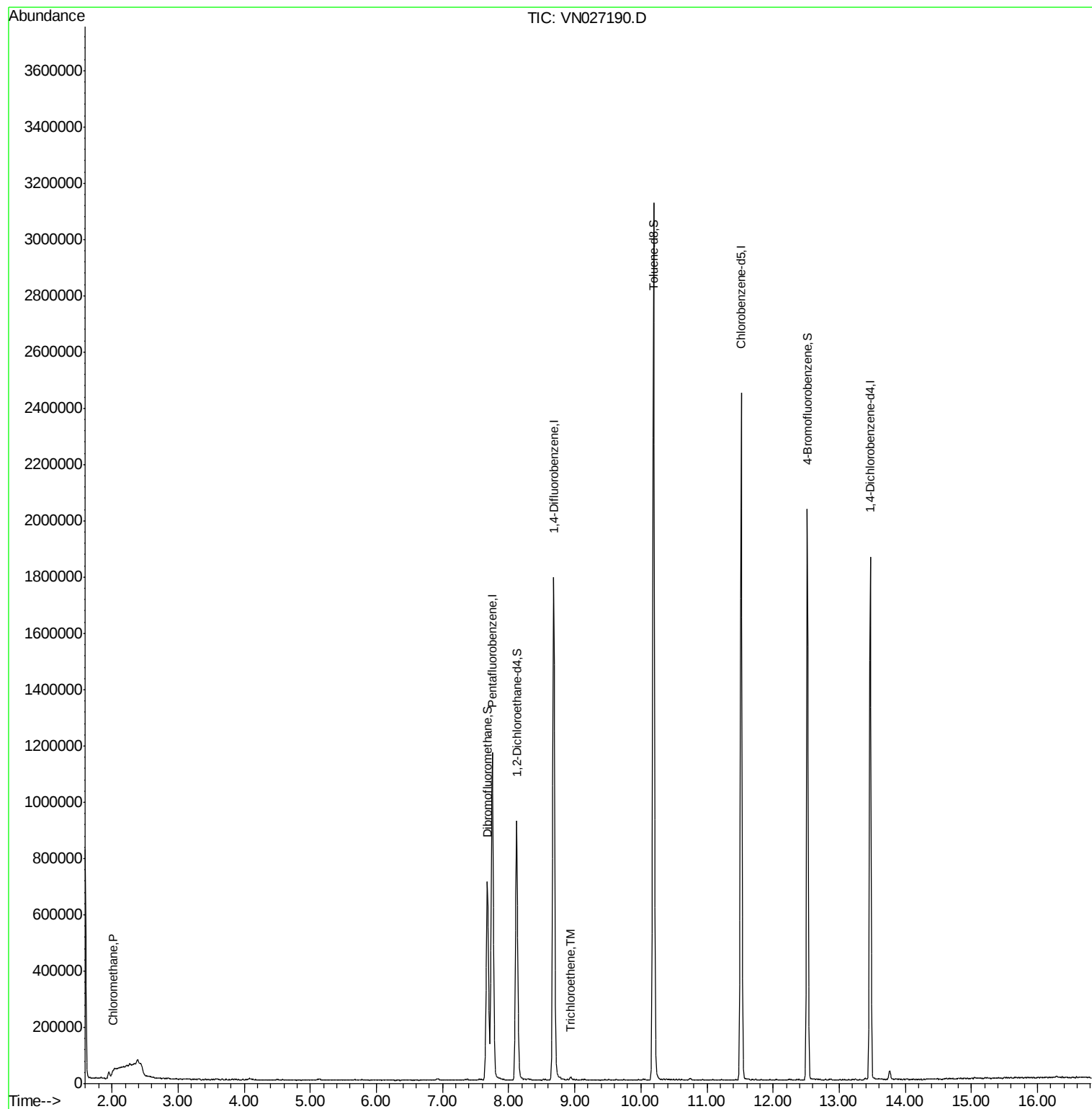
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
Data File : VN027190.D
Acq On : 16 Sep 2015 4:25
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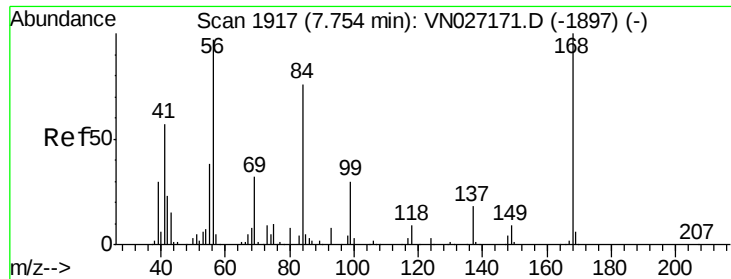
Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Sep 16 05:27:47 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 21:12:09 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VN027190.D

Acq: 16 Sep 2015 4:25

Instrument :

MSVOA_N

ClientSampleId :

S39-0103

Tot Ion:168 Resp: 806126

Ion Ratio Lower Upper

168 100

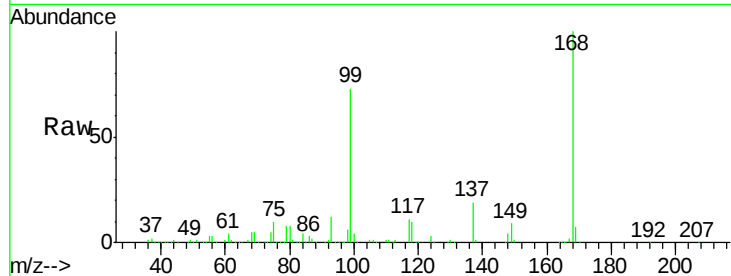
99 73.2 50.4 75.6

Manual Integrations

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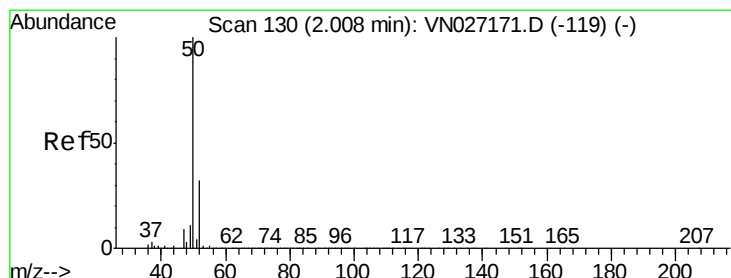
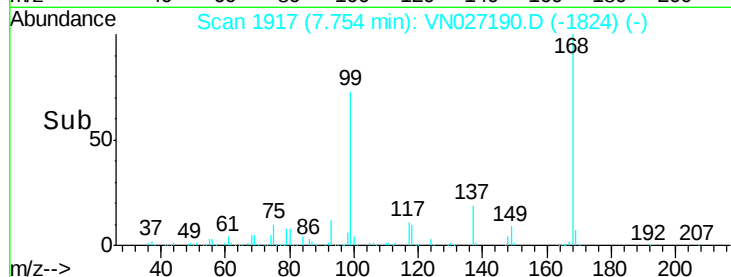
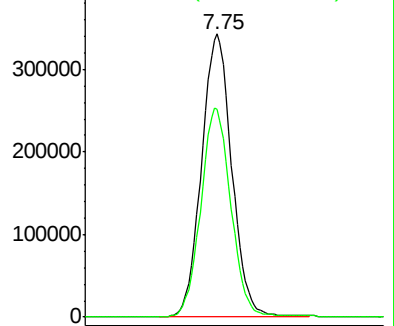
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Chloromethane

Concen: 1.47 ug/l m

RT: 2.01 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN027190.D

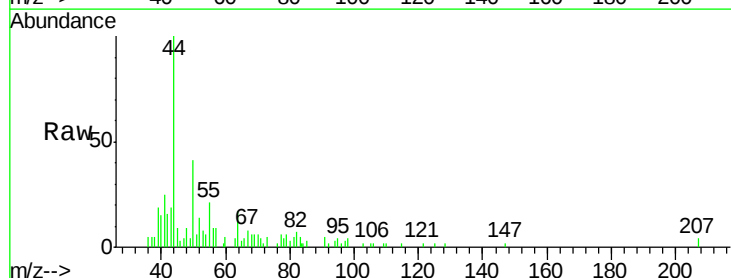
Acq: 16 Sep 2015 4:25

Tgt Ion: 50 Resp: 4031

Ion Ratio Lower Upper

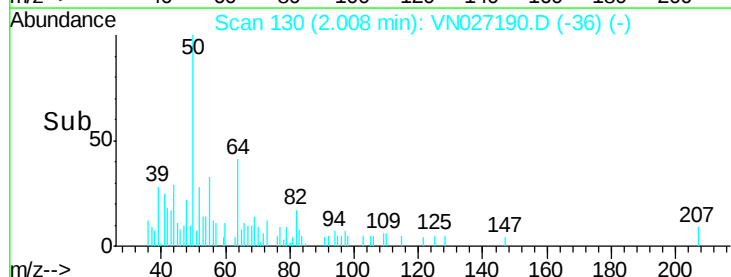
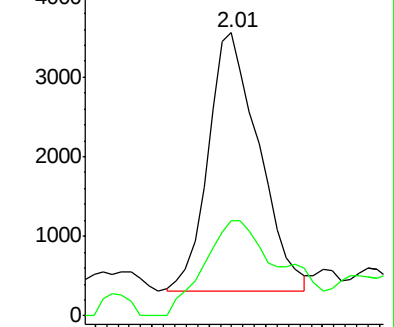
50 100

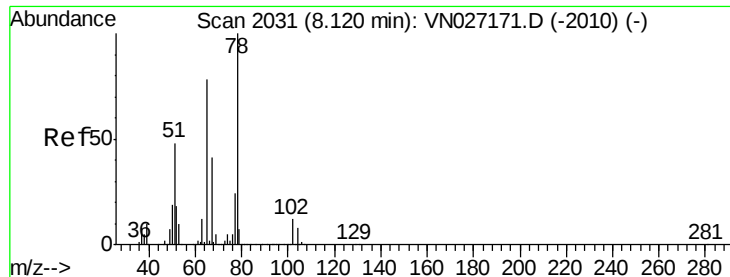
52 33.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#34

1,2-Dichloroethane-d4

Concen: 48.14 ug/l

RT: 8.12 min Scan# 2031

Delta R.T. -0.00 min

Lab File: VN027190.D

Acq: 16 Sep 2015 4:25

Instrument :

MSVOA_N

ClientSampleId :

S39-0103

Tot Ion: 65 Resp: 795116

Ion Ratio Lower Upper

65 100

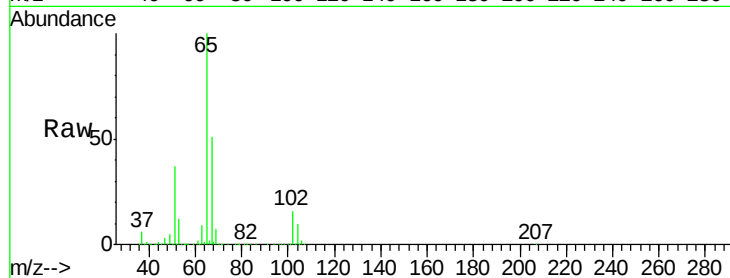
67 51.0 0.0 110.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN027190.D (-1938) (-)

Ion 66.90 (66.60 to 67.60): VN027190.D (-1938) (-)

8.12

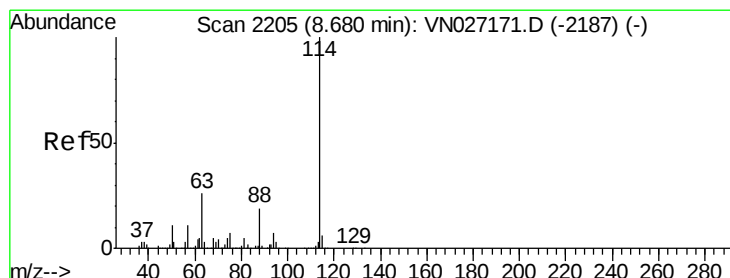
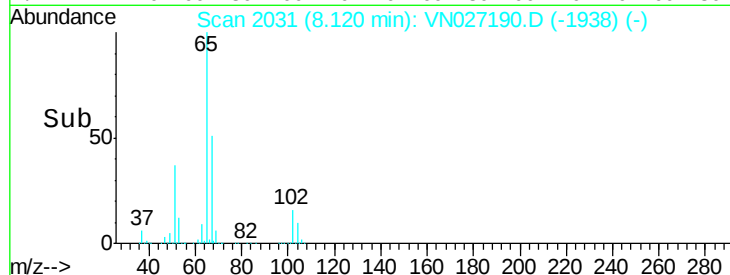
300000

200000

100000

0

Time-->



#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VN027190.D

Acq: 16 Sep 2015 4:25

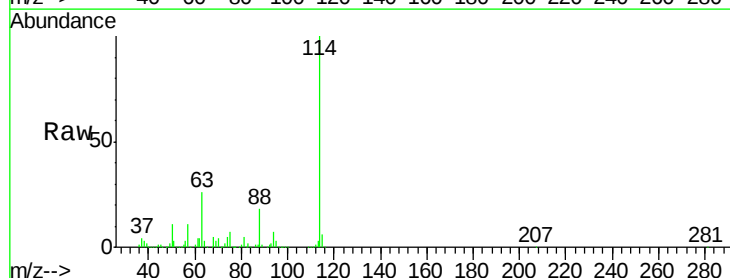
Tgt Ion: 114 Resp: 1441097

Ion Ratio Lower Upper

114 100

63 26.4 0.0 48.8

88 18.0 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN027190.D (-2112) (-)

Ion 63.00 (62.70 to 63.70): VN027190.D (-2112) (-)

Ion 87.90 (87.60 to 88.60): VN027190.D (-2112) (-)

8.68

800000

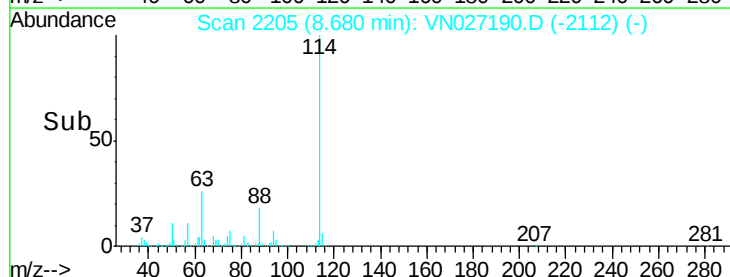
600000

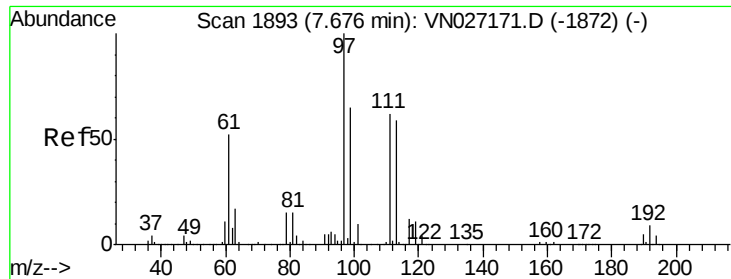
400000

200000

0

Time-->





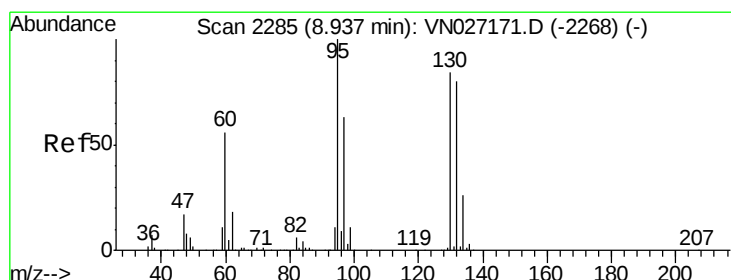
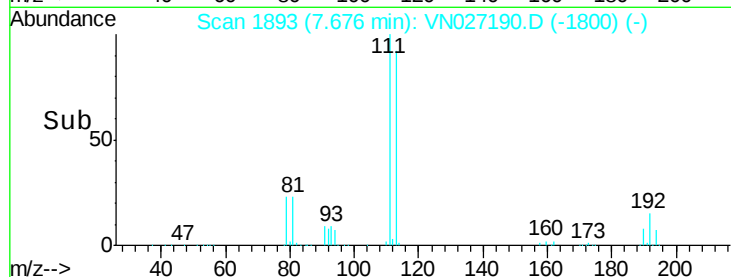
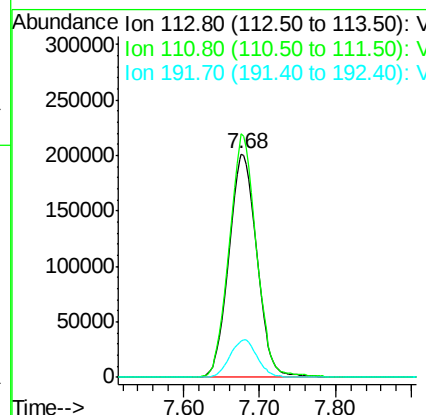
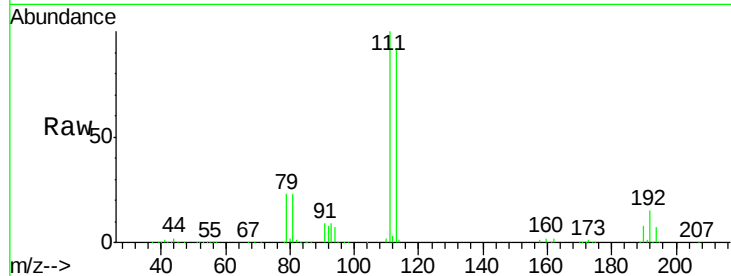
#36
 Dibromofluoromethane
 Concen: 51.72 ug/l
 RT: 7.68 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VN027190.D
 Acq: 16 Sep 2015 4:25

Instrument :
 MSVOA_N
 ClientSampled :
 S39-0103

Tot Ion	Ratio	Resp	Lower	Upper
113	100	516622		
111	104.8	83.0	124.4	
192	16.5	14.1	21.1	

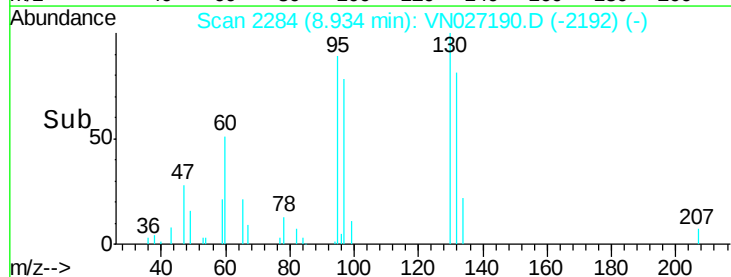
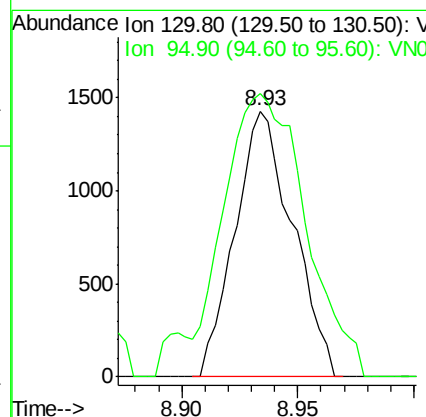
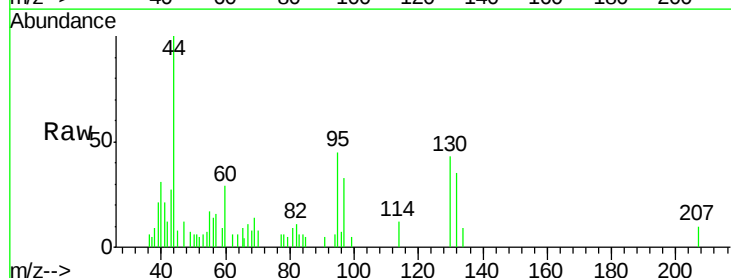
Manual Integrations
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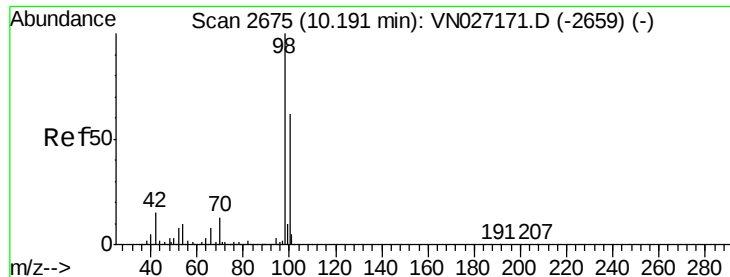
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#45
 Trichloroethene
 Concen: 0.25 ug/l
 RT: 8.93 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN027190.D
 Acq: 16 Sep 2015 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	2460		
95	92.5	0.0	222.2	





#51

Toluene-d8

Concen: 53.73 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN027190.D

Acq: 16 Sep 2015 4:25

Instrument :

MSVOA_N

ClientSampled :

S39-0103

Tot Ion: 98 Resp: 2101470

Ion Ratio Lower Upper

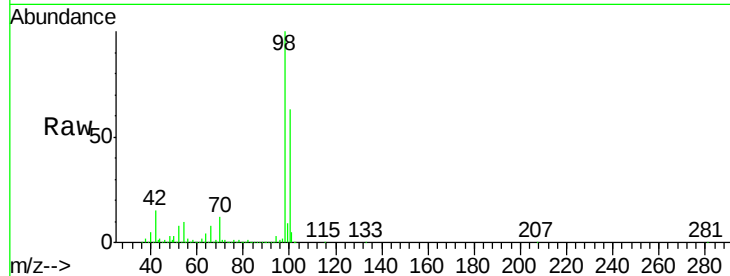
98 100

100 62.5 50.5 75.7

Manual Integrations
APPROVED

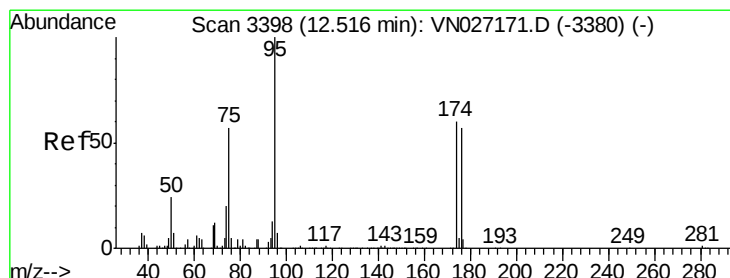
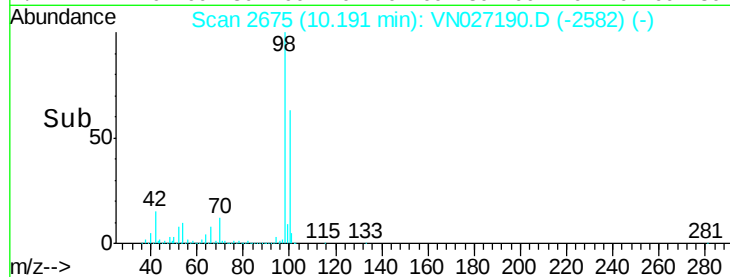
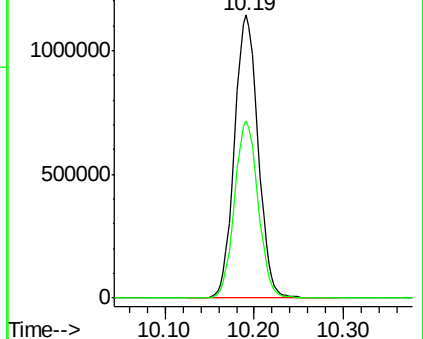
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#63

4-Bromofluorobenzene

Concen: 50.00 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.00 min

Lab File: VN027190.D

Acq: 16 Sep 2015 4:25

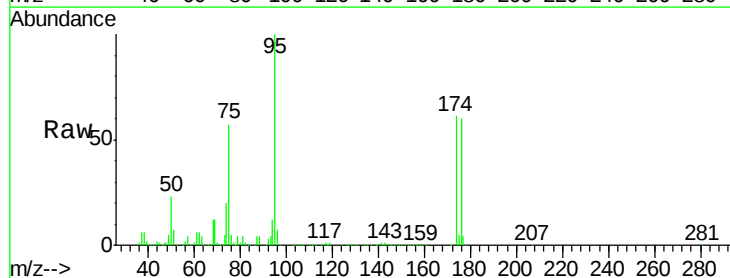
Tgt Ion: 95 Resp: 694165

Ion Ratio Lower Upper

95 100

174 62.6 0.0 137.0

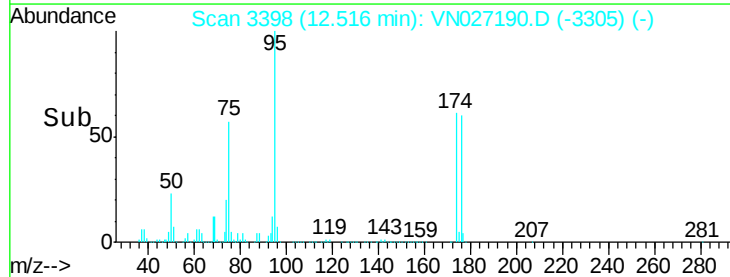
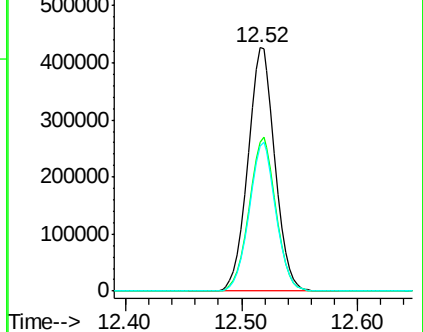
176 60.5 0.0 130.8

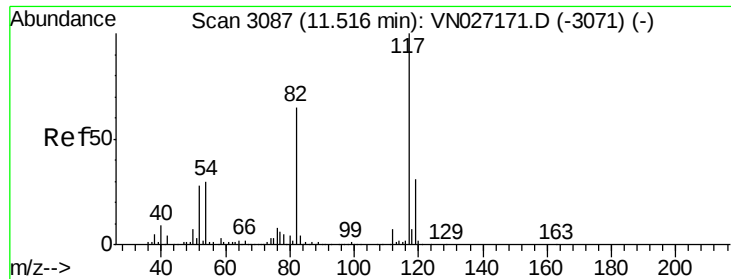


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#64

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.52 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VN027190.D

Acq: 16 Sep 2015 4:25

Instrument :

MSVOA_N

ClientSampled :

S39-0103

Tot Ion:117 Resp: 1211346

Ion Ratio Lower Upper

117 100

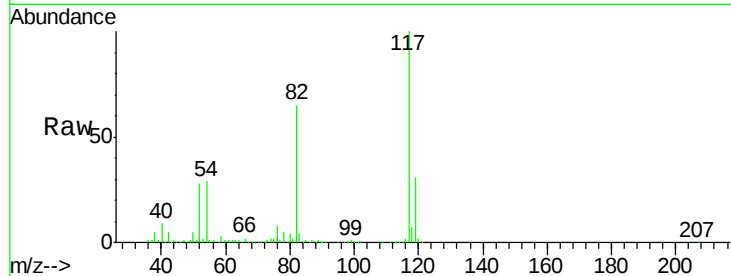
82 65.2 49.6 74.4

119 30.9 24.6 36.8

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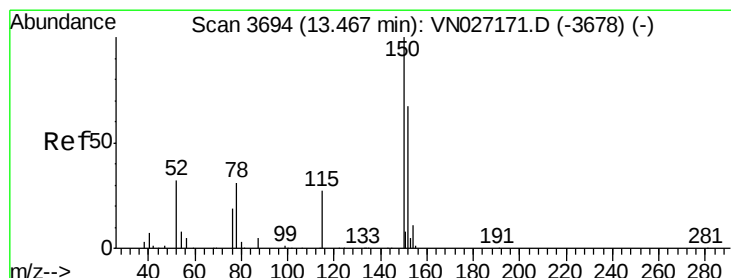
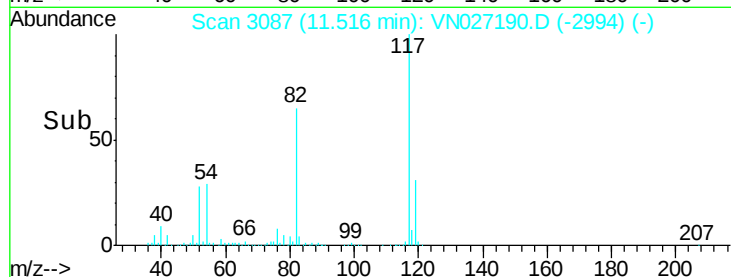
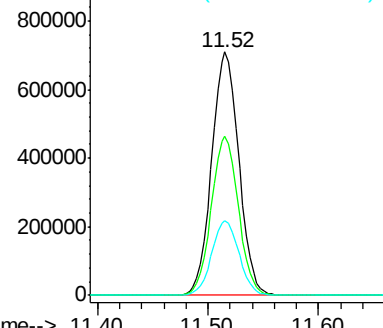
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN027190.D

Acq: 16 Sep 2015 4:25

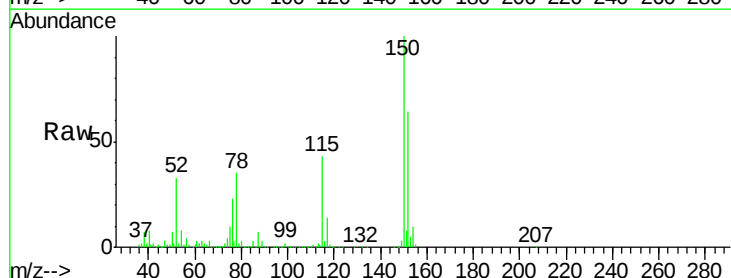
Tgt Ion:152 Resp: 424669

Ion Ratio Lower Upper

152 100

115 67.4 30.8 92.3

150 156.6 0.0 345.0



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

