

Data File : VN049320.D
Acq On : 16 Jun 2018 19:55
Operator : MD\SY
Sample : J3564-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
W-01

Manual Integrations
APPROVED

MMDadoda
6/18/2018 3:16:27 PM

Quant Time: Jul 01 23:09:54 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	1611862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2544612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2196548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	883416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	1039546	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	7.59	113	944115	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	
50) Toluene-d8	10.09	98	3591889	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
62) 4-Bromofluorobenzene	12.40	95	1090437	42.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.14%	
Target Compounds						
39) Methylcyclohexane	9.08	83	43474	1.389	ug/l	94
73) Isopropylbenzene	12.25	105	250531	3.230	ug/l	99
78) n-propylbenzene	12.59	91	423036	4.967	ug/l	98
83) tert-Butylbenzene	12.99	119	66988	1.240	ug/l	98
85) sec-Butylbenzene	13.17	105	438125m	6.094	ug/l	
89) n-Butylbenzene	13.62	91	91384m	1.948	ug/l	

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

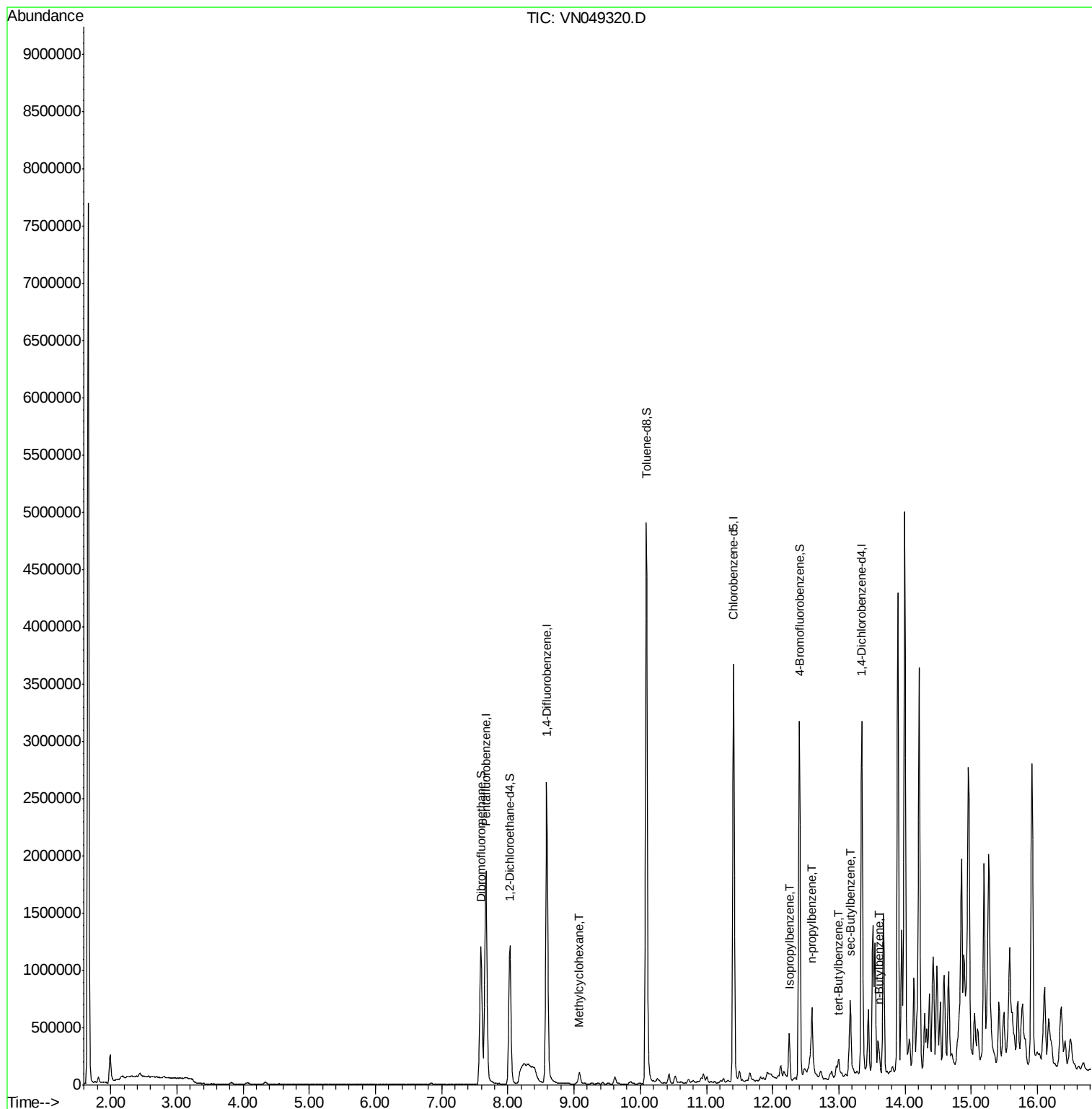
Data File : VN049320.D
Acq On : 16 Jun 2018 19:55
Operator : MD\SY
Sample : J3564-06
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Quant Time: Jul 01 23:09:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049320.D

Acq: 16 Jun 2018 19:55

Instrument :

MSVOA_N

ClientSampled :

W-01

Tgt Ion:168 Resp: 1611862

Ion Ratio Lower Upper

168 100

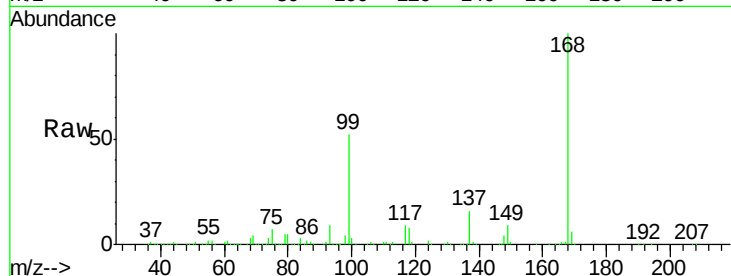
99 52.2 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

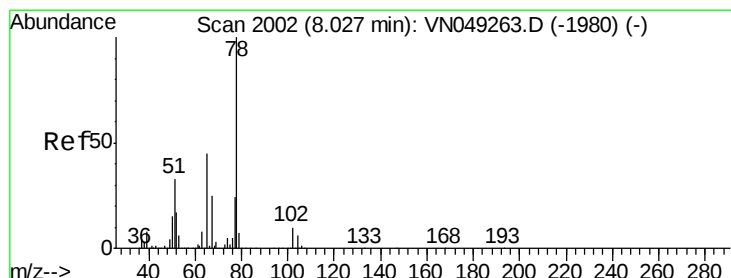
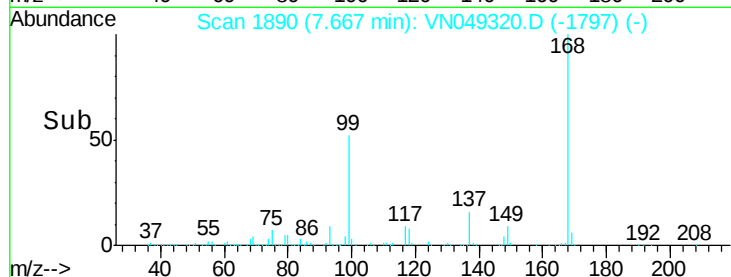
400000

200000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 48.625 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049320.D

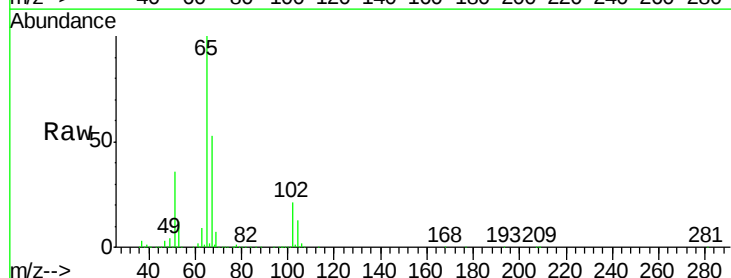
Acq: 16 Jun 2018 19:55

Tgt Ion: 65 Resp: 1039546

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

500000

400000

300000

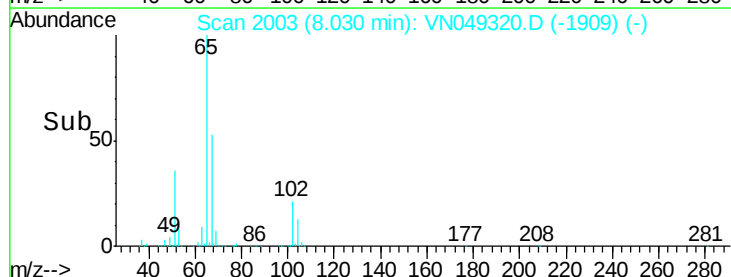
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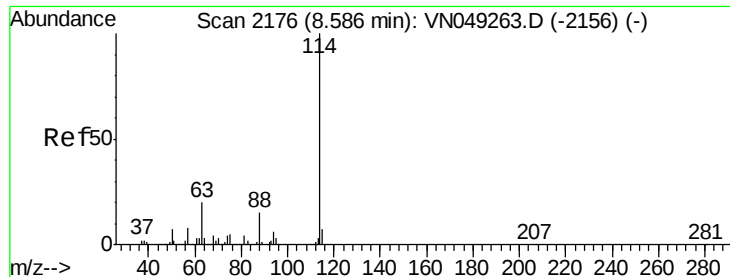
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0

Time-->

7.90 8.00 8.10





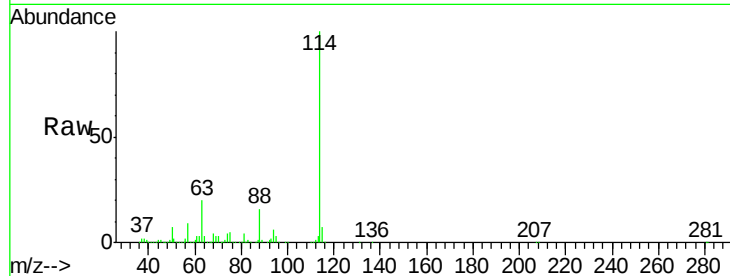
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049320.D
Acq: 16 Jun 2018 19:55

Instrument :
MSVOA_N
ClientSampleId :
W-01

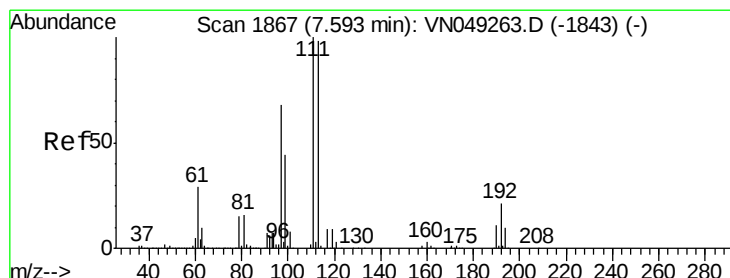
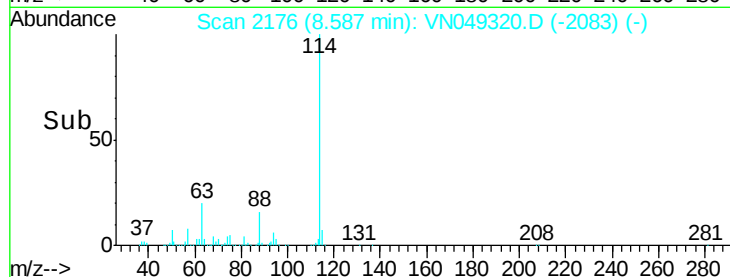
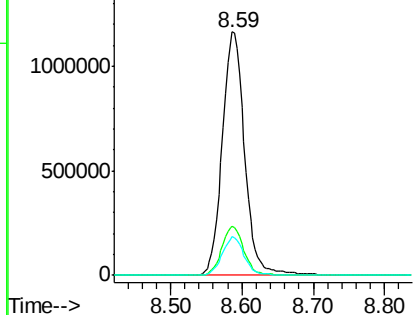
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	44.4
88	15.7	0.0	31.4

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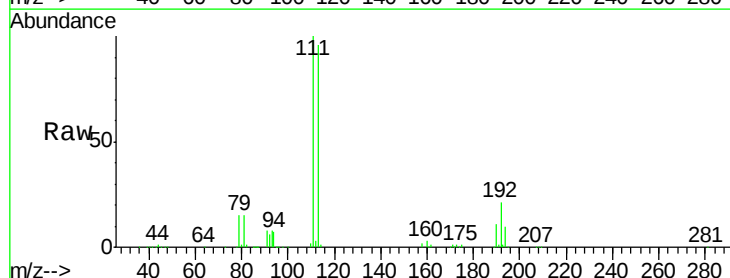


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

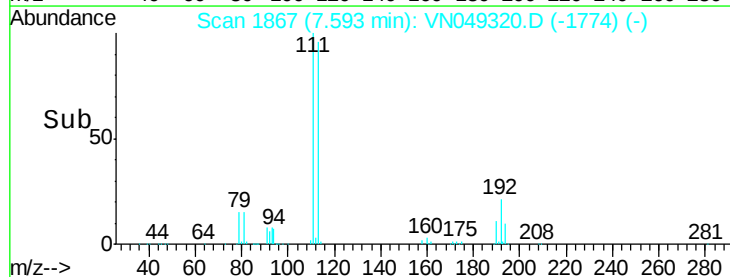
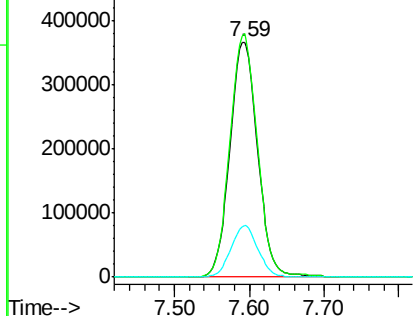


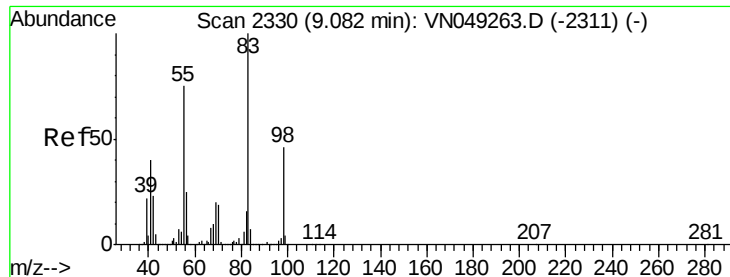
#35
Dibromofluoromethane
Concen: 45.860 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049320.D
Acq: 16 Jun 2018 19:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	21.5	15.0	22.6



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





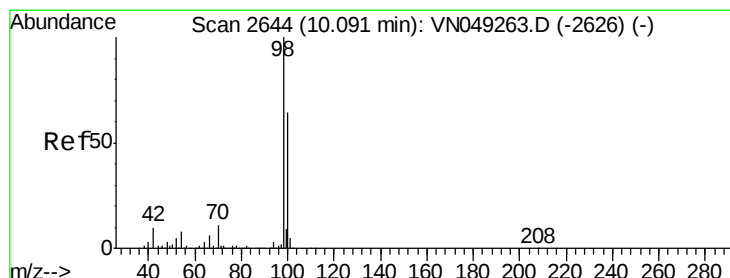
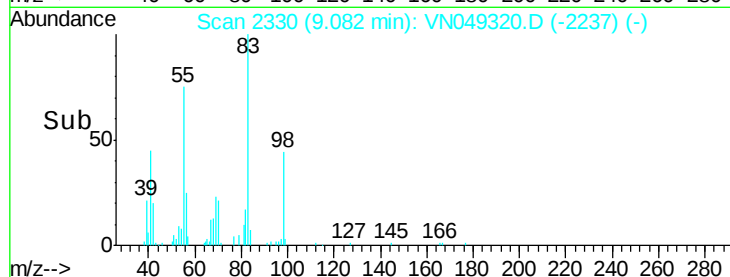
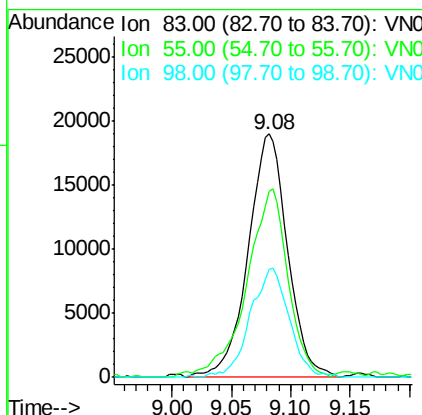
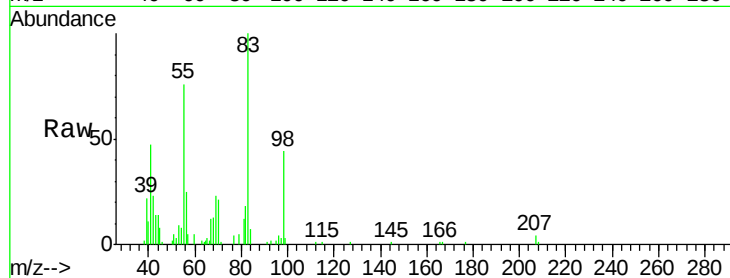
#39
Methylcyclohexane
Concen: 1.389 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049320.D
Acq: 16 Jun 2018 19:55

Instrument :
MSVOA_N
ClientSampled :
W-01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.5	65.1	97.7
98	44.5	36.5	54.7

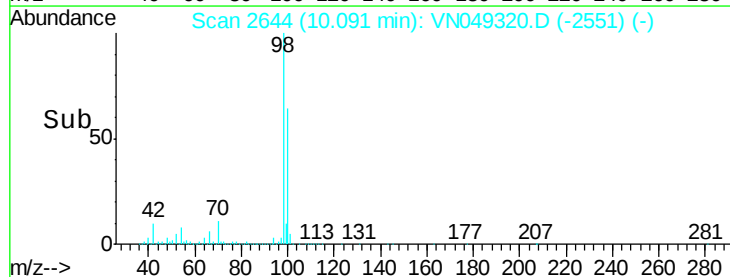
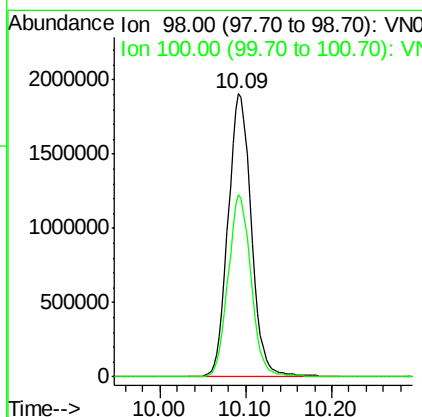
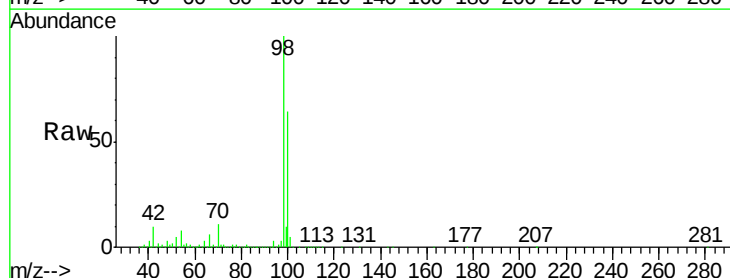
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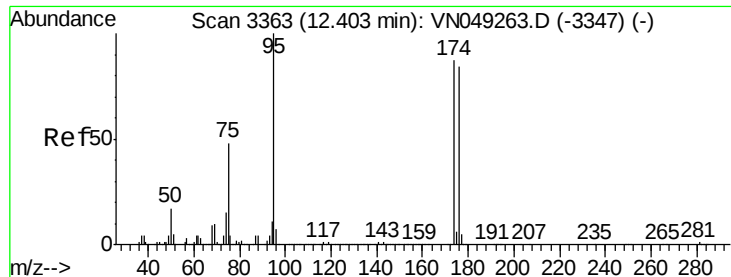
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#50
Toluene-d8
Concen: 45.822 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049320.D
Acq: 16 Jun 2018 19:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	49.8	74.8





#62

4-Bromofluorobenzene

Concen: 42.071 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049320.D

Acq: 16 Jun 2018 19:55

Instrument :

MSVOA_N

ClientSampled :

W-01

Tgt Ion: 95 Resp: 1090437

Ion Ratio Lower Upper

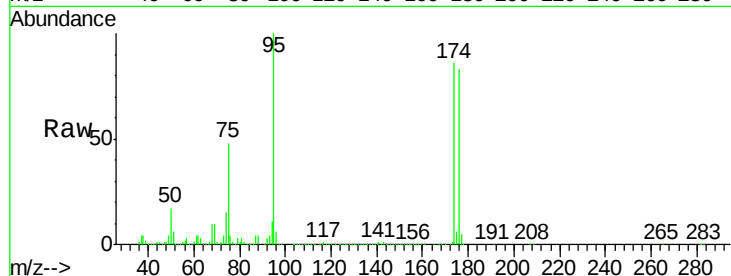
95 100

174 88.0 0.0 165.6

176 85.0 0.0 157.4

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Abundance Ion 94.90 (94.60 to 95.60): VN049320.D (-2961) (-)

Ion 173.80 (173.50 to 174.50): VN049320.D (-2961) (-)

Ion 175.80 (175.50 to 176.50): VN049320.D (-2961) (-)

12.40

600000

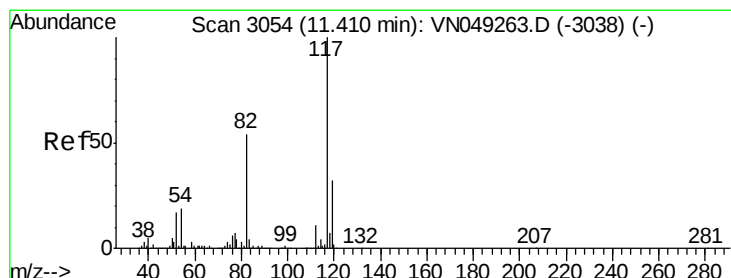
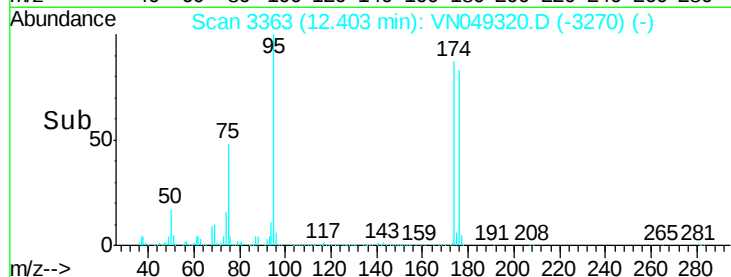
400000

200000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049320.D

Acq: 16 Jun 2018 19:55

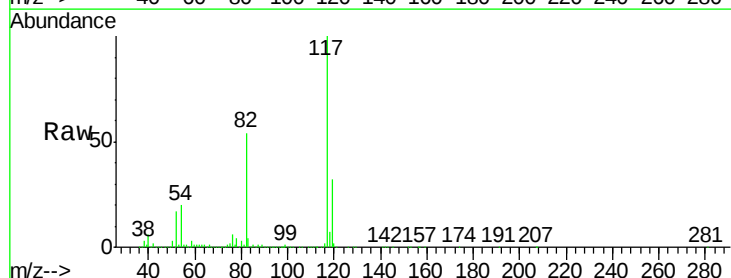
Tgt Ion: 117 Resp: 2196548

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN049320.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049320.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049320.D (-2961) (-)

11.41

1500000

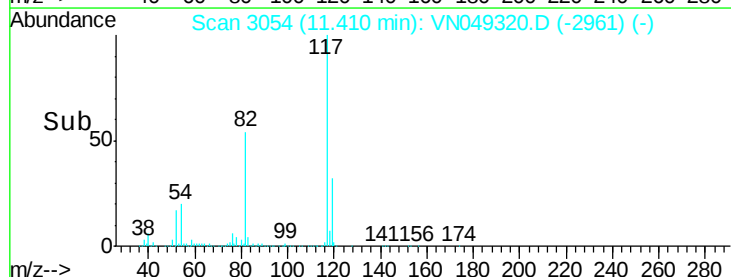
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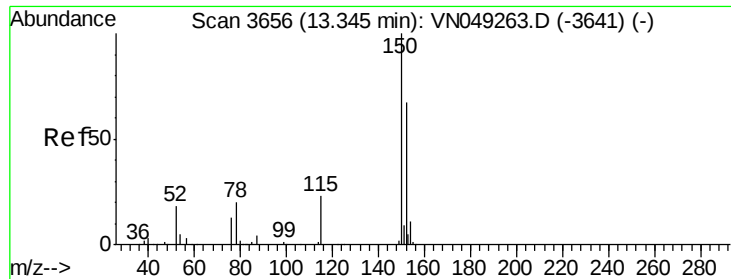
500000

0

11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049320.D

Acq: 16 Jun 2018 19:55

Instrument :

MSVOA_N

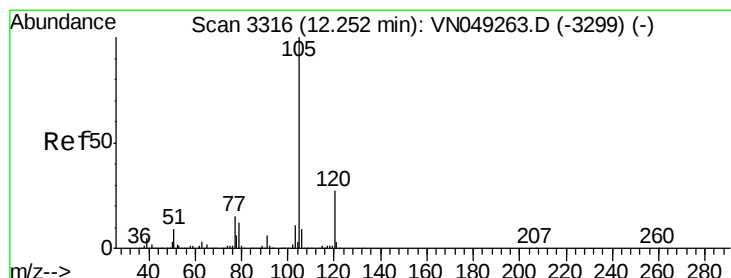
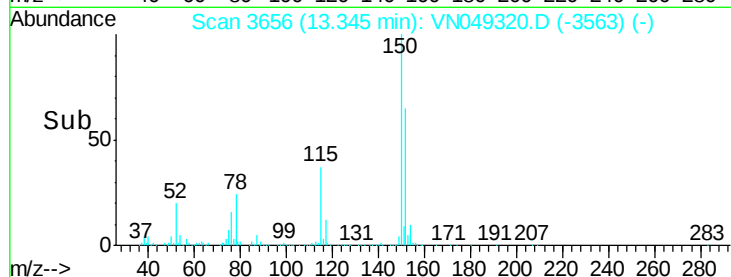
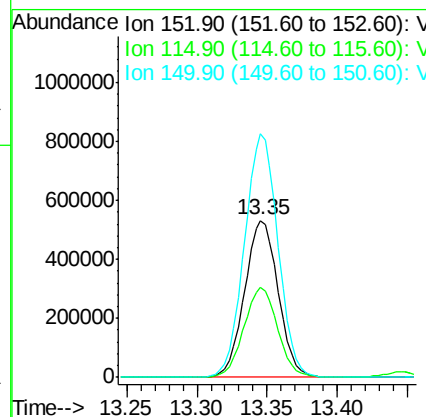
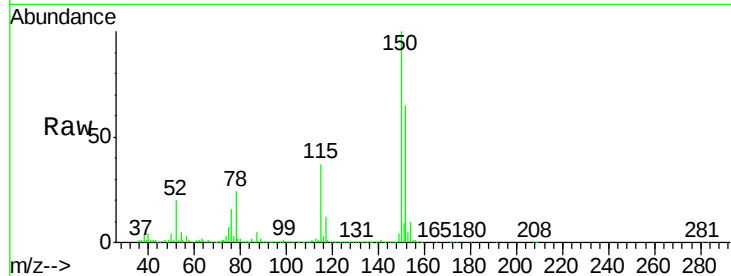
ClientSampled :

W-01

Tgt Ion:	152	Resp:	883416
Ion Ratio	Lower	Upper	
152	100		
115	57.2	28.7	86.1
150	155.2	0.0	351.0

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#73

Isopropylbenzene

Concen: 3.230 ug/l

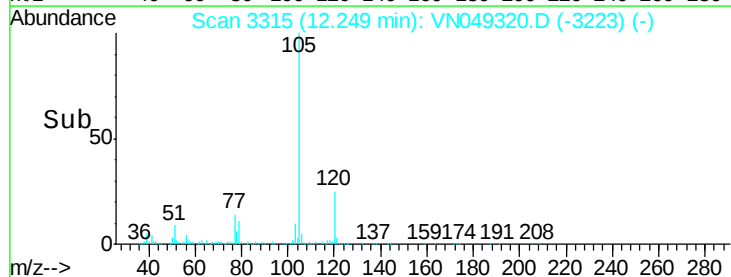
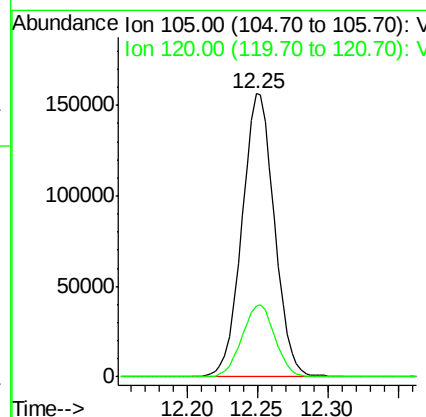
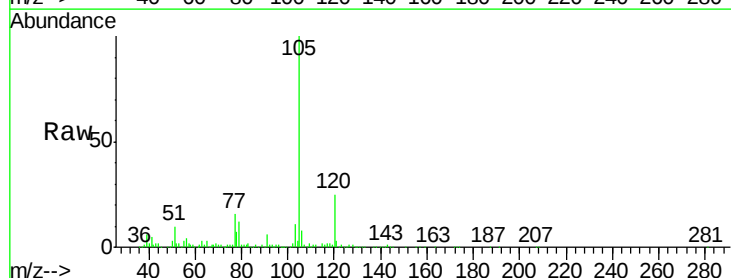
RT: 12.25 min Scan# 3315

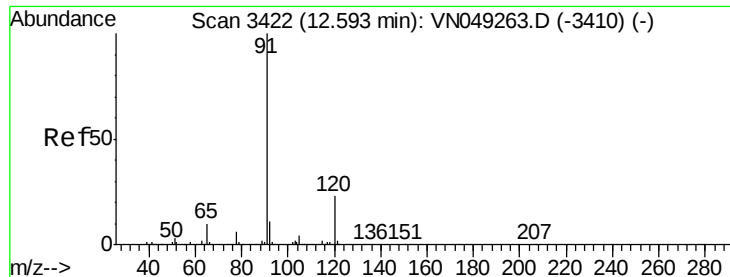
Delta R.T. -0.00 min

Lab File: VN049320.D

Acq: 16 Jun 2018 19:55

Tgt Ion:	105	Resp:	250531
Ion Ratio	Lower	Upper	
105	100		
120	26.1	12.8	38.3





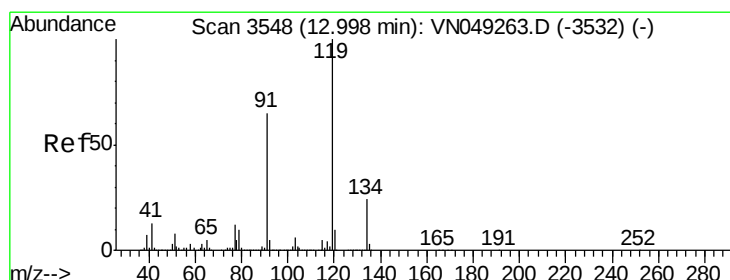
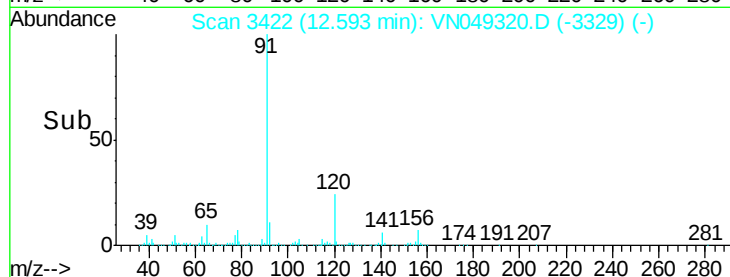
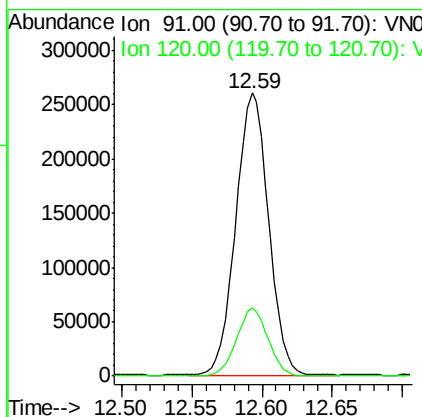
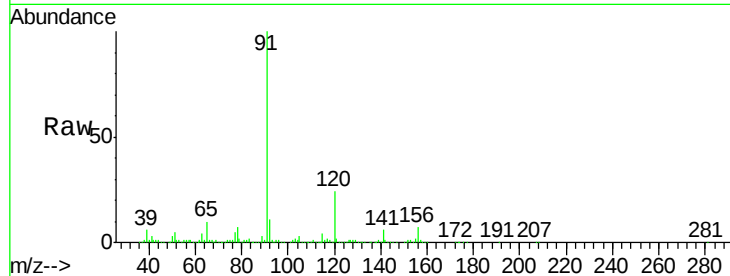
#78
n-propylbenzene
Concen: 4.967 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN049320.D
Acq: 16 Jun 2018 19:55

Instrument :
MSVOA_N
ClientSampleId :
W-01

Tgt Ion: 91 Resp: 423036
Ion Ratio Lower Upper
91 100
120 23.2 11.2 33.5

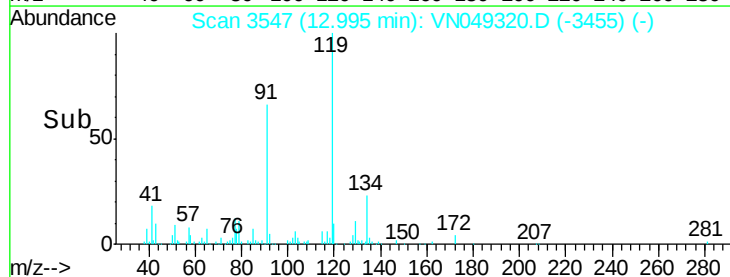
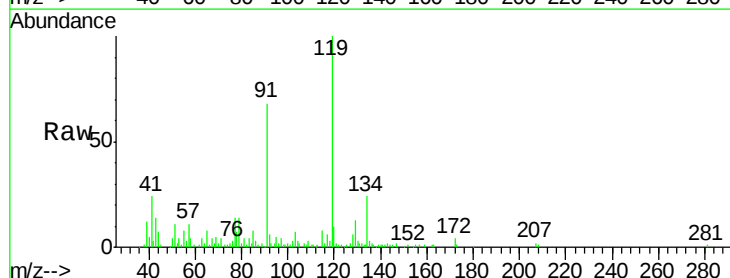
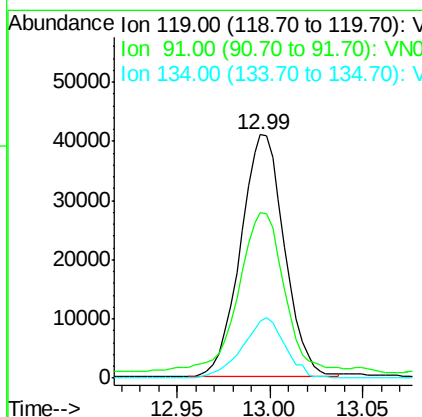
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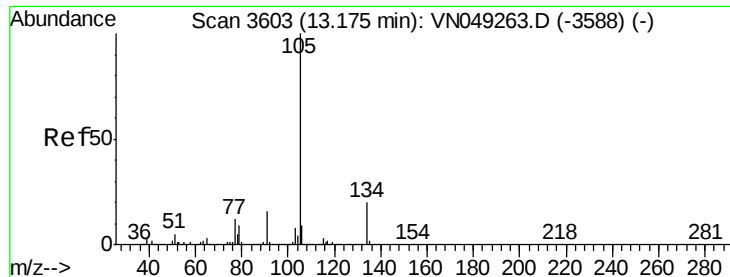
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#83
tert-Butylbenzene
Concen: 1.240 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN049320.D
Acq: 16 Jun 2018 19:55

Tgt Ion: 119 Resp: 66988
Ion Ratio Lower Upper
119 100
91 68.8 33.7 101.0
134 24.3 12.9 38.6





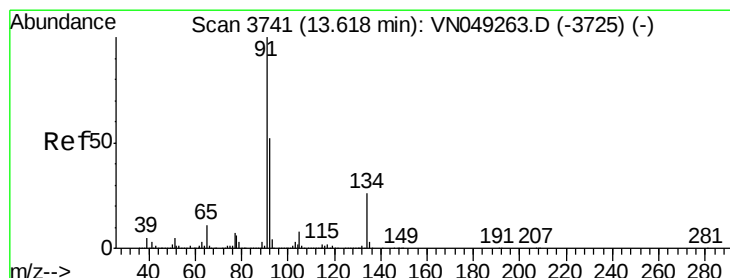
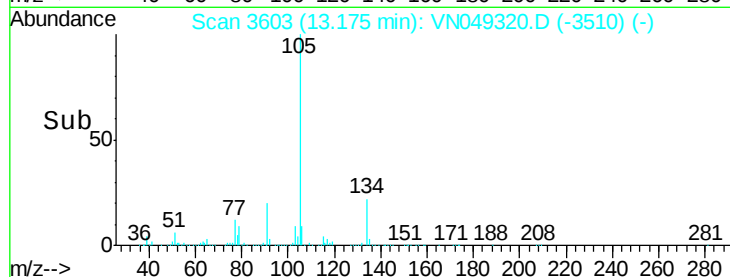
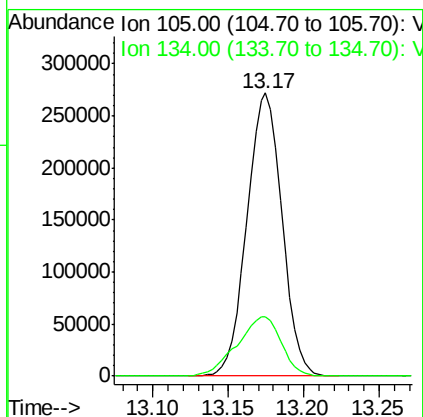
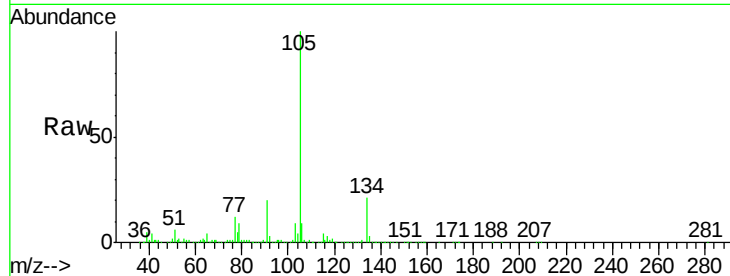
#85
 sec-Butylbenzene
 Concen: 6.094 ug/l m
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049320.D
 Acq: 16 Jun 2018 19:55

Instrument :
 MSVOA_N
 ClientSampled :
 W-01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.3#

Manual Integrations
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#89
 n-Butylbenzene
 Concen: 1.948 ug/l m
 RT: 13.62 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: VN049320.D
 Acq: 16 Jun 2018 19:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.6	25.1	75.4
134	73.0	12.0	36.0#

