

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010719\
 Data File : VN053300.D
 Acq On : 7 Jan 2019 13:14
 Operator : MD\SY
 Sample : K1053-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3-DRUM

Manual Integrations
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 1/8/2019 9:25:13 AM

Quant Time: Jan 08 02:56:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1072869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1647165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1515935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	662545	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	526317	47.15	ug/l	0.00
Spiked Amount						
			Recovery	=	94.30%	
35) Dibromofluoromethane	7.59	113	473142	50.46	ug/l	0.00
Spiked Amount						
			Recovery	=	100.92%	
50) Toluene-d8	10.09	98	2023437	50.02	ug/l	0.00
Spiked Amount						
			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.40	95	698689	49.34	ug/l	0.00
Spiked Amount						
			Recovery	=	98.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	9043m	13.470	ug/l	
16) Acetone	3.81	43	83298	29.032	ug/l	98
18) Methyl Acetate	4.33	43	23172	2.294	ug/l	97
25) 2-Butanone	6.83	43	866534	189.230	ug/l	99
40) Benzene	8.04	78	46920	0.999	ug/l	99
52) Toluene	10.16	92	36553	1.268	ug/l	99
68) m/p-Xylenes	11.62	106	23697	1.126	ug/l	99
69) o-Xylene	11.95	106	9875	0.479	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	20557	0.508	ug/l	98
95) Naphthalene	15.13	128	48091	4.128	ug/l	99

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

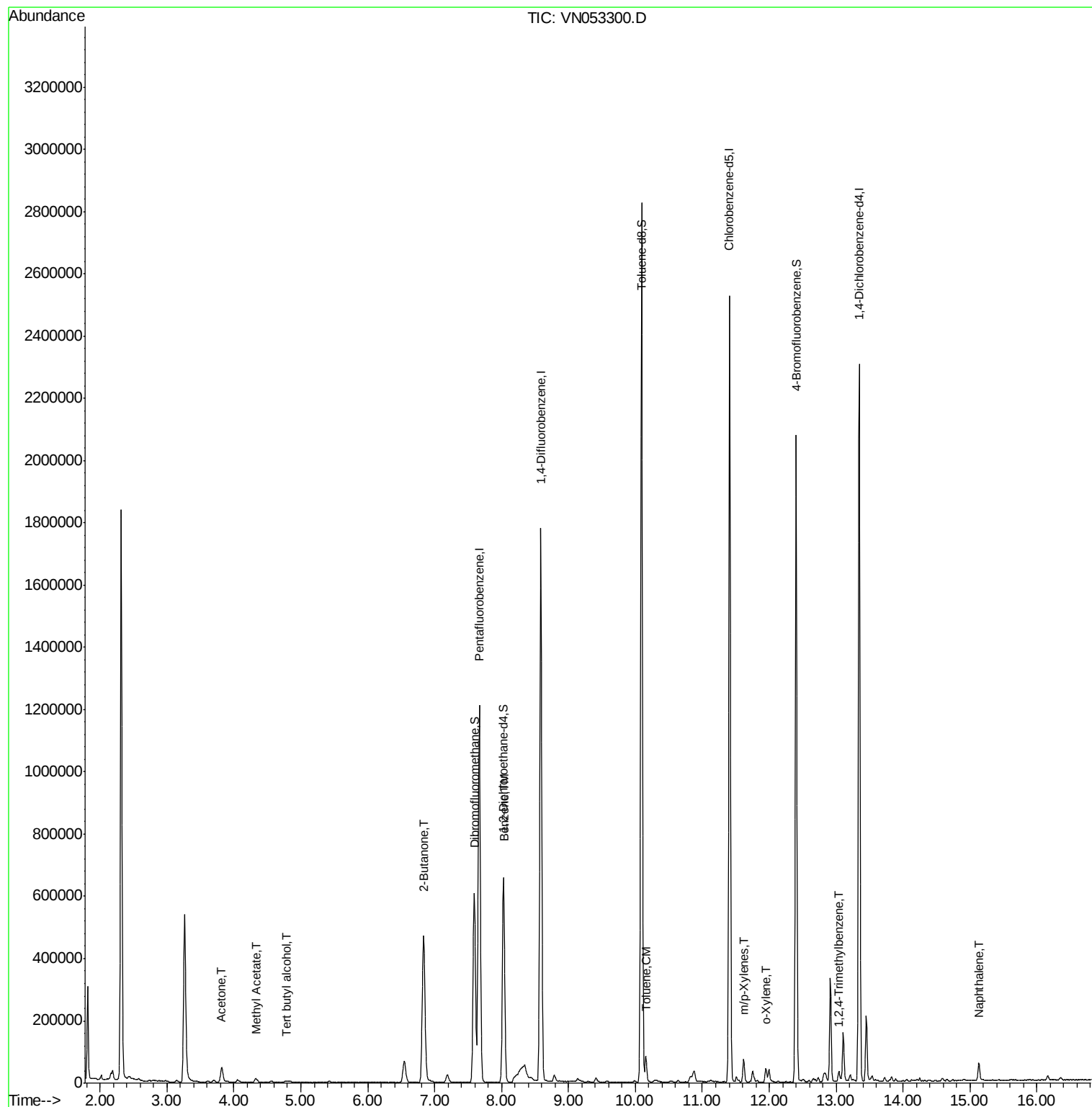
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010719\
Data File : VN053300.D
Acq On : 7 Jan 2019 13:14
Operator : MD\SY
Sample : K1053-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 28

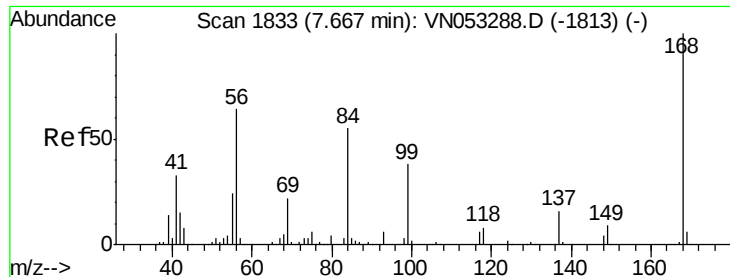
Instrument :
MSVOA_N
ClientSampleId :
COMP-3-DRUM

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Quant Time: Jan 08 02:56:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 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: VN053300.D

Acq: 7 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

COMP-3-DRUM

Tot Ion:168 Resp: 1072869

Ion Ratio Lower Upper

168 100

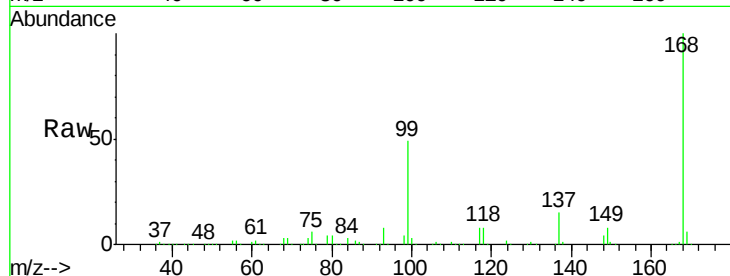
99 49.0 39.1 58.7

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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

400000

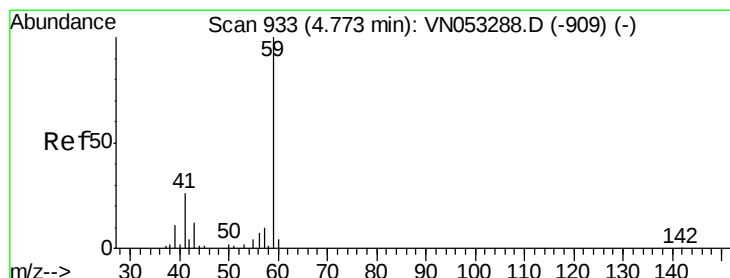
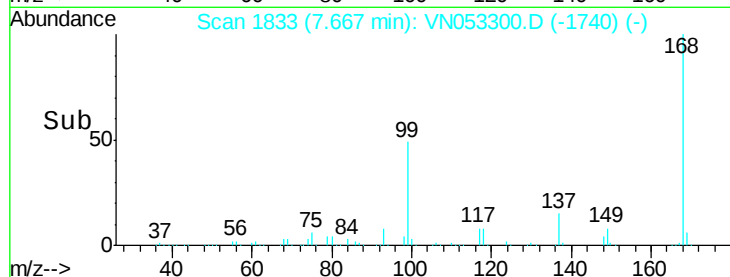
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 13.470 ug/l m

RT: 4.78 min Scan# 936

Delta R.T. 0.01 min

Lab File: VN053300.D

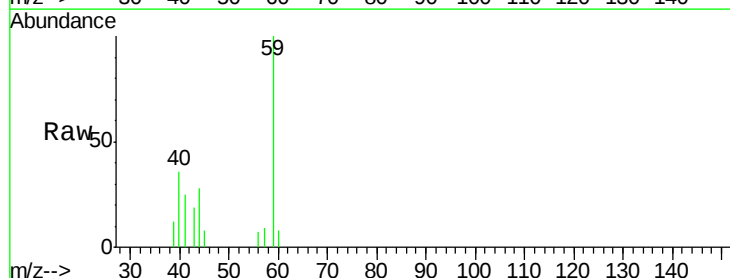
Acq: 7 Jan 2019 13:14

Tgt Ion: 59 Resp: 9043

Ion Ratio Lower Upper

59 100

57 2.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.78

3000

2500

2000

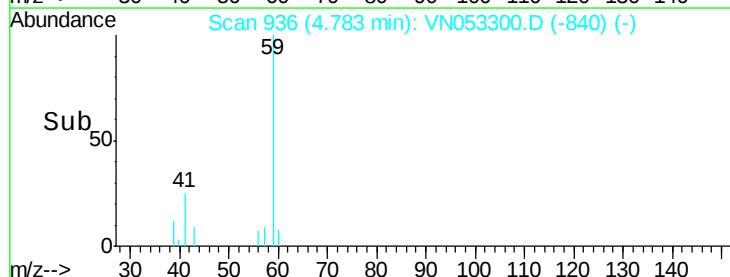
1500

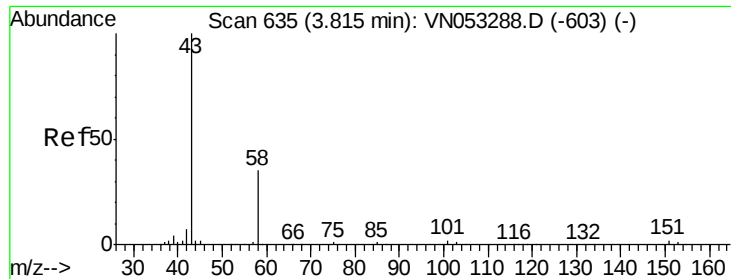
1000

500

0

Time-->





#16

Acetone

Concen: 29.032 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053300.D

Acq: 7 Jan 2019 13:14

Tot Ion: 43 Resp: 83298

Ion Ratio Lower Upper

43 100

58 33.3 27.8 41.6

Instrument :

MSVOA_N

ClientSampleId :

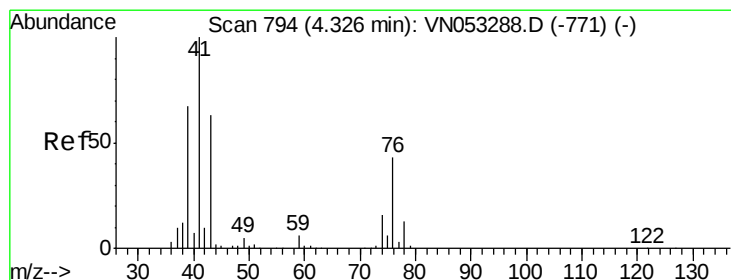
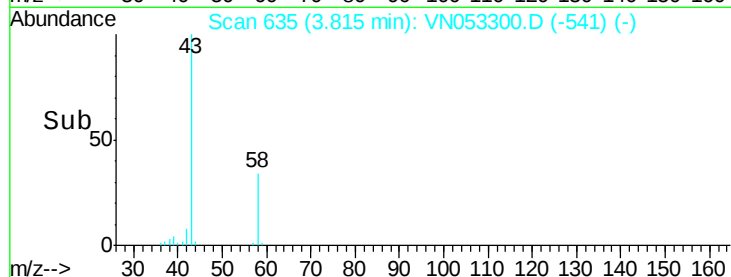
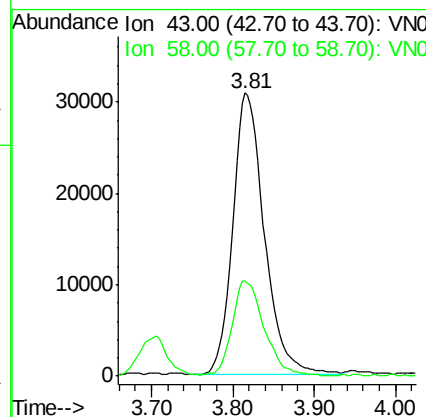
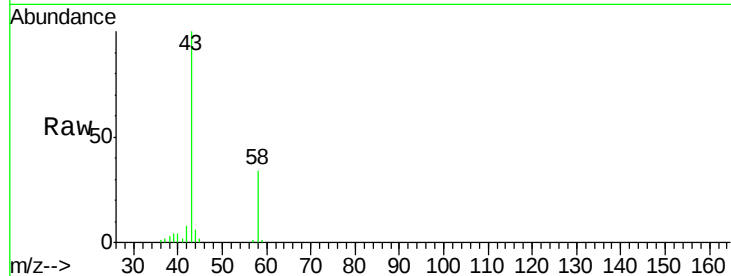
COMP-3-DRUM

Manual Integrations

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#18

Methyl Acetate

Concen: 2.294 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053300.D

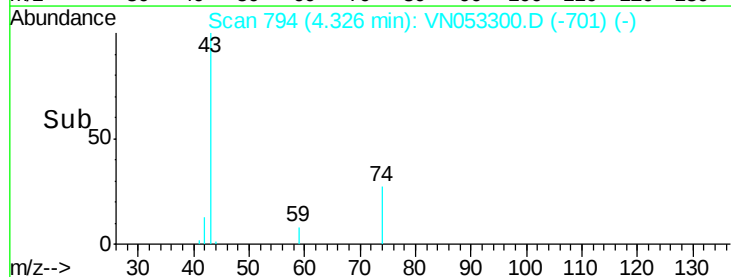
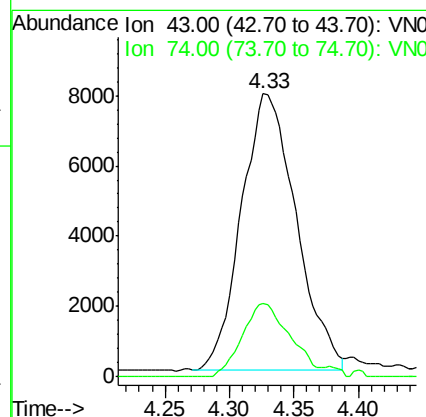
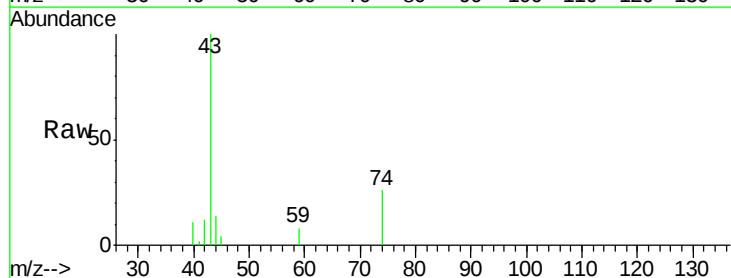
Acq: 7 Jan 2019 13:14

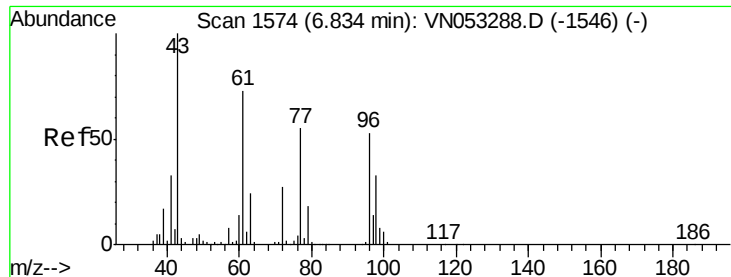
Tgt Ion: 43 Resp: 23172

Ion Ratio Lower Upper

43 100

74 23.4 19.8 29.8





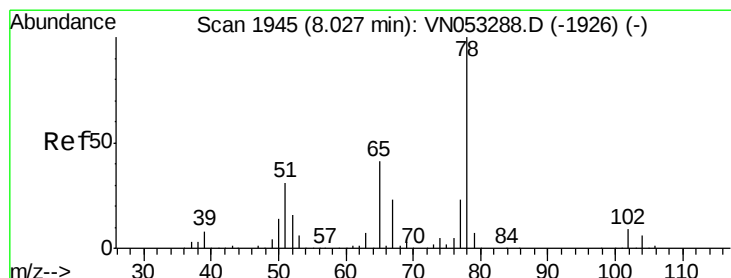
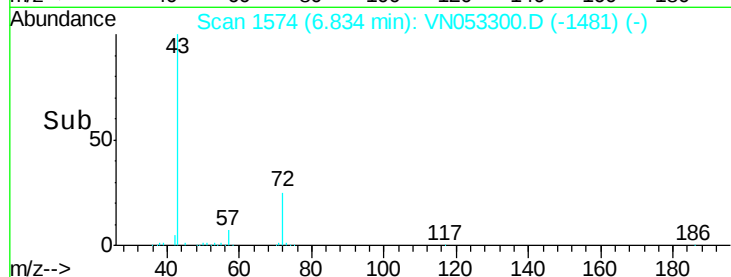
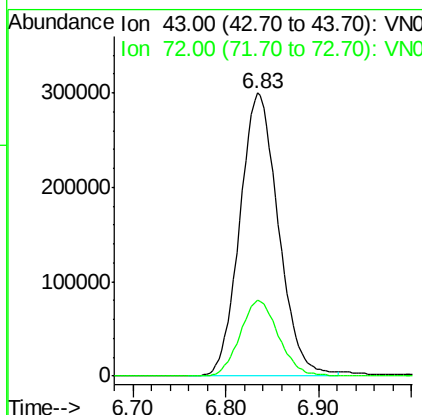
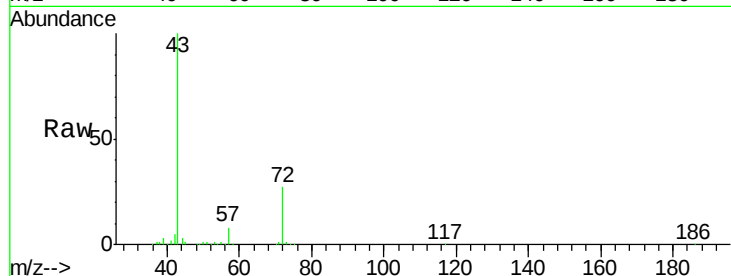
#25
2-Butanone
Concen: 189.230 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053300.D
Acq: 7 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
COMP-3-DRUM

Tot Ion: 43 Resp: 866534
Ion Ratio Lower Upper
43 100
72 26.8 22.0 33.0

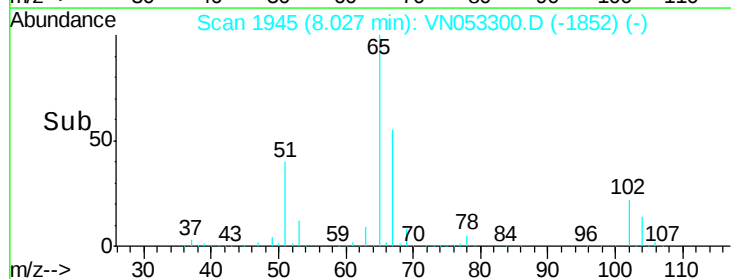
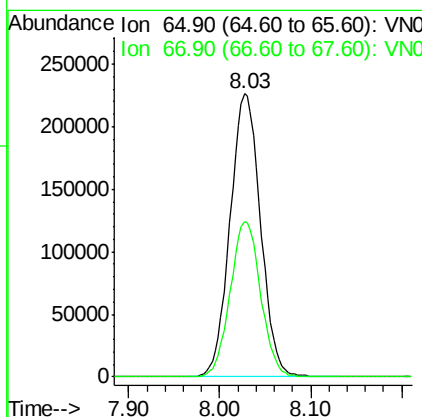
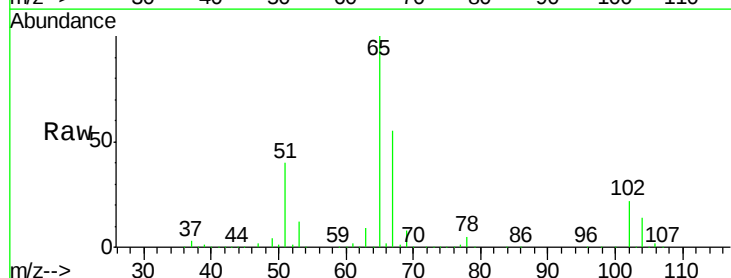
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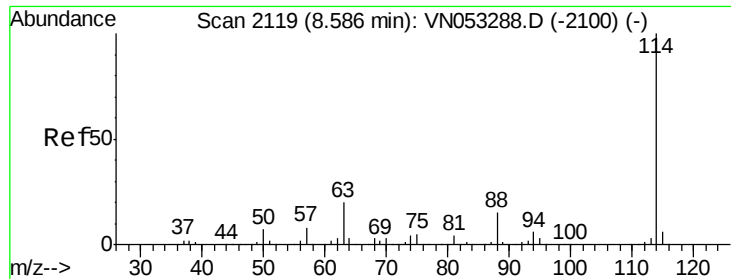
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#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053300.D
Acq: 7 Jan 2019 13:14

Tgt Ion: 65 Resp: 526317
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.0





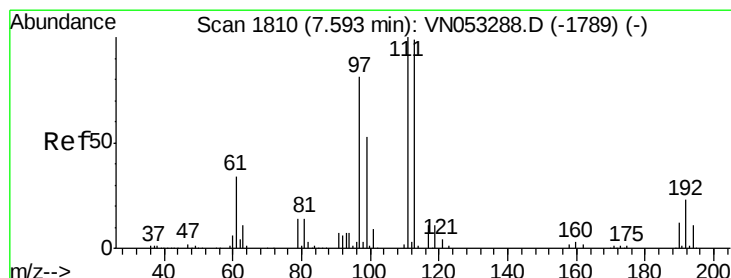
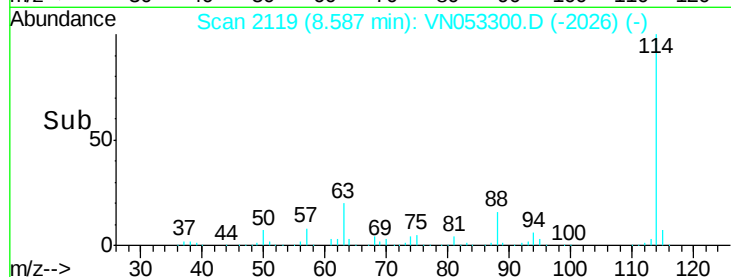
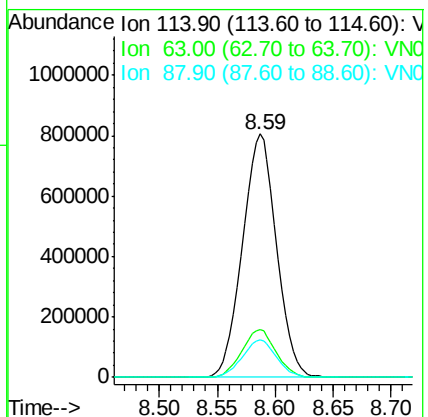
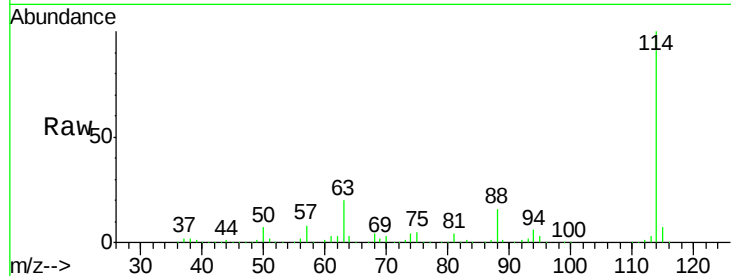
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053300.D
 Acq: 7 Jan 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3-DRUM

Tot Ion:114 Resp: 1647165
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.5 0.0 30.8

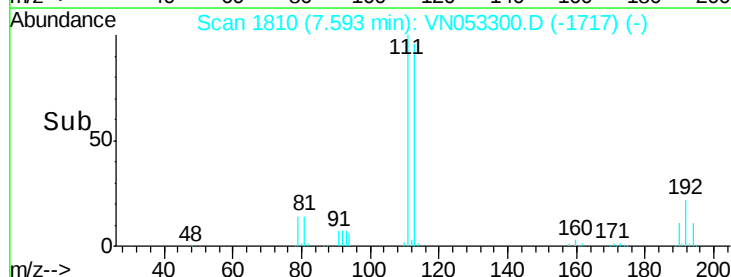
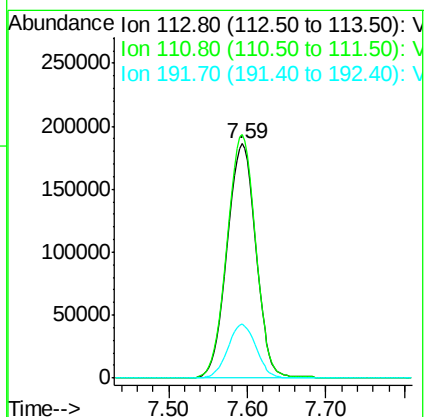
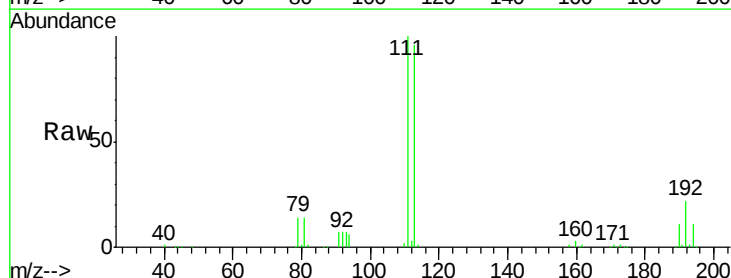
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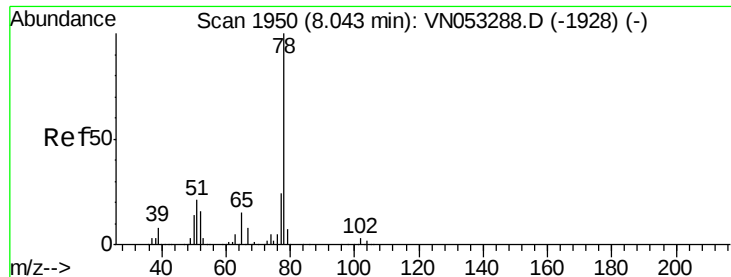
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053300.D
 Acq: 7 Jan 2019 13:14

Tgt Ion:113 Resp: 473142
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.2
 192 22.5 17.9 26.9





#40

Benzene

Concen: 0.999 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053300.D

Acq: 7 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

COMP-3-DRUM

Tot Ion: 78 Resp: 46920

Ion Ratio Lower Upper

78 100

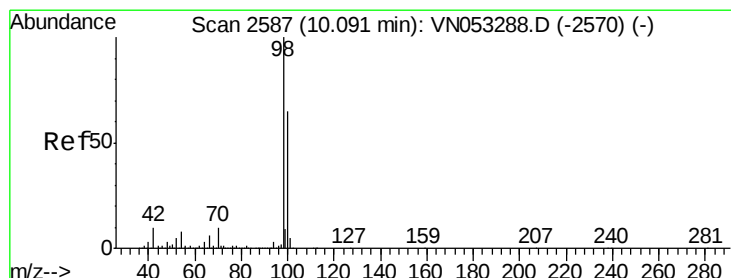
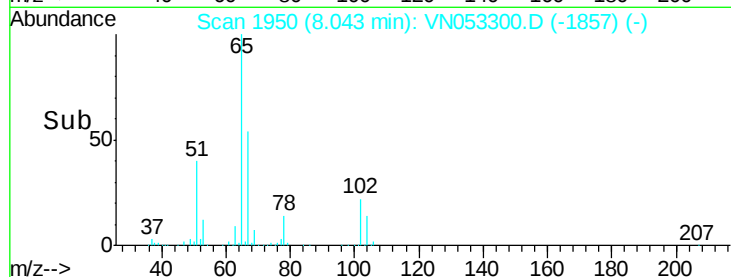
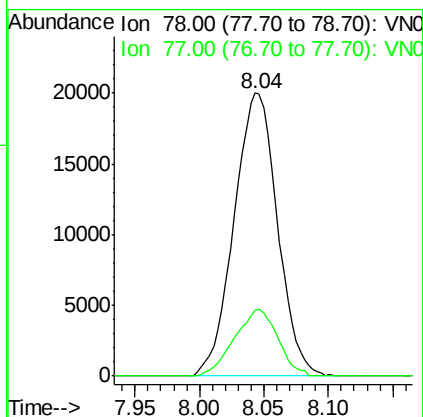
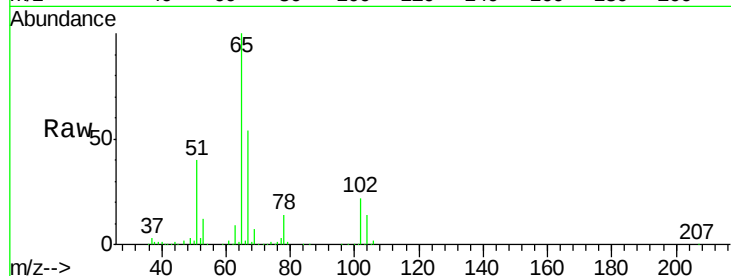
77 23.3 19.0 28.4

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#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053300.D

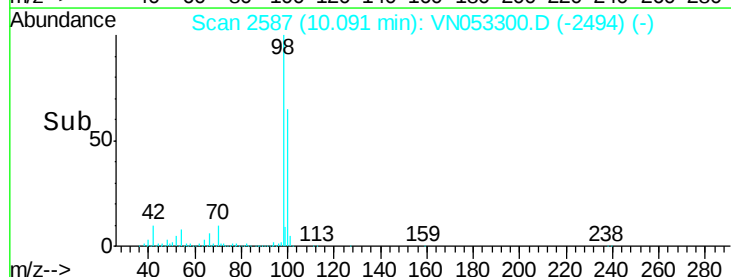
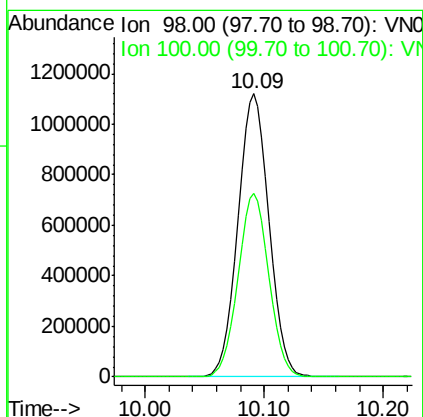
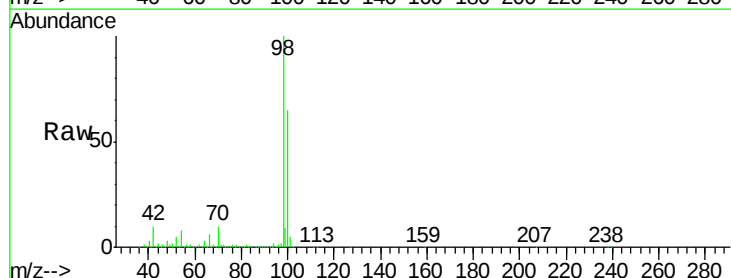
Acq: 7 Jan 2019 13:14

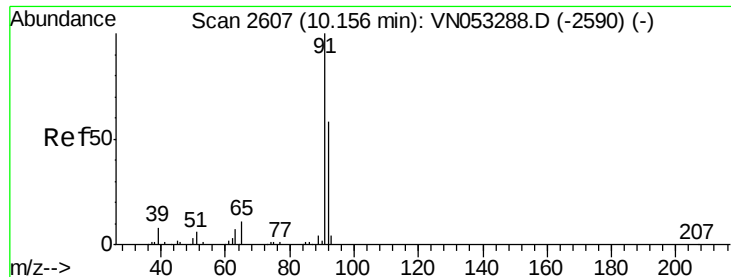
Tgt Ion: 98 Resp: 2023437

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3





#52

Toluene

Concen: 1.268 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053300.D

Acq: 7 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

COMP-3-DRUM

Tot Ion: 92 Resp: 36553

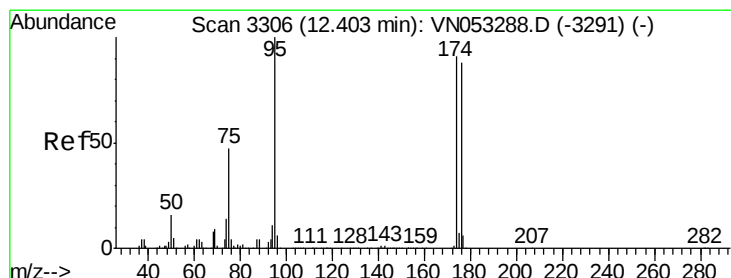
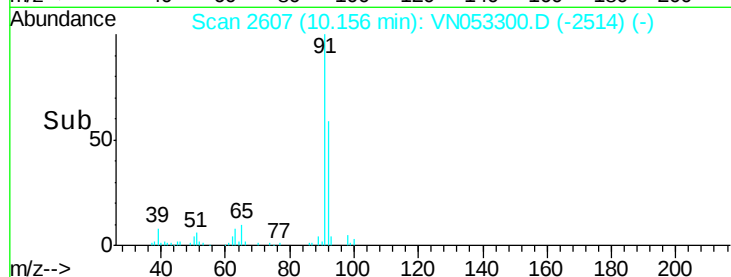
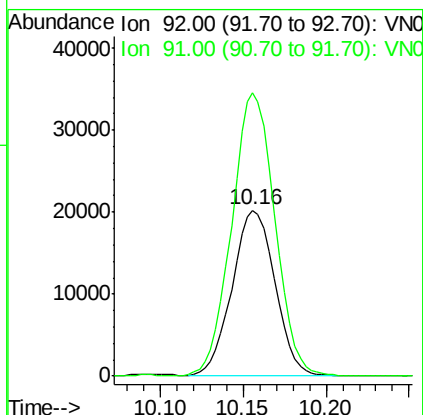
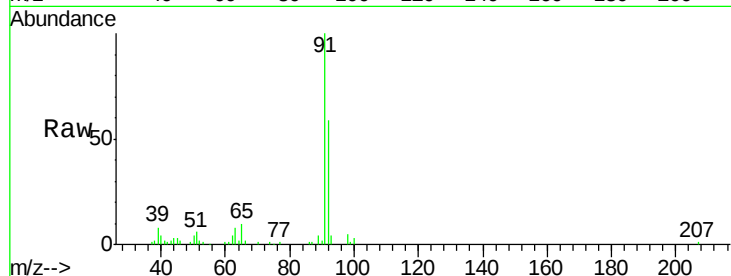
Ion Ratio Lower Upper

92 100

91 171.6 138.6 208.0

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#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053300.D

Acq: 7 Jan 2019 13:14

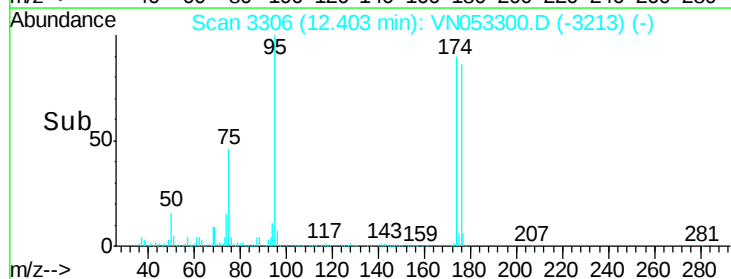
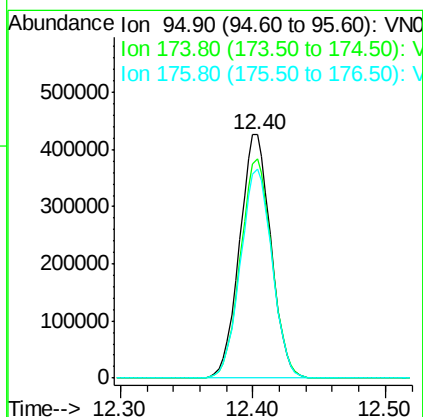
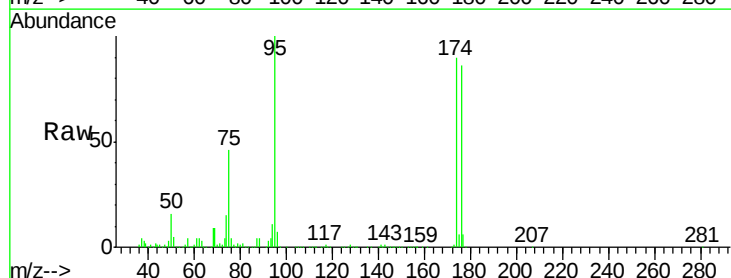
Tgt Ion: 95 Resp: 698689

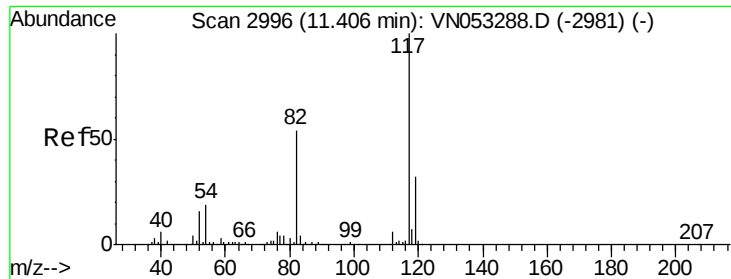
Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.4

176 86.7 0.0 175.6





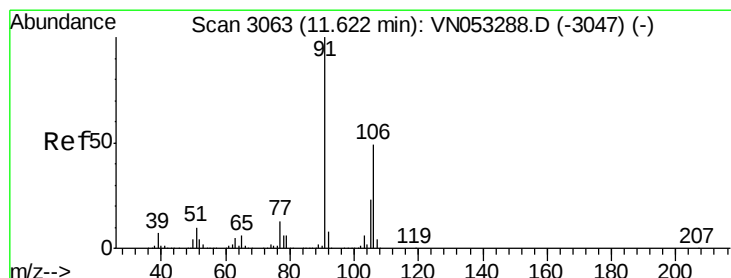
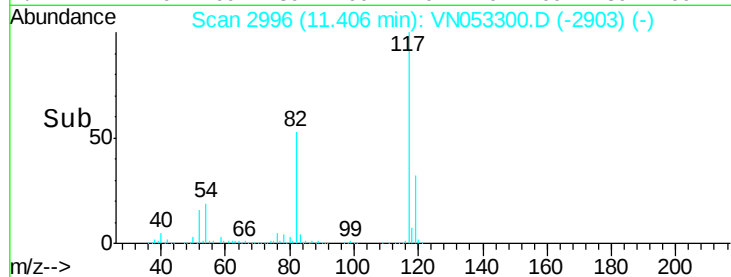
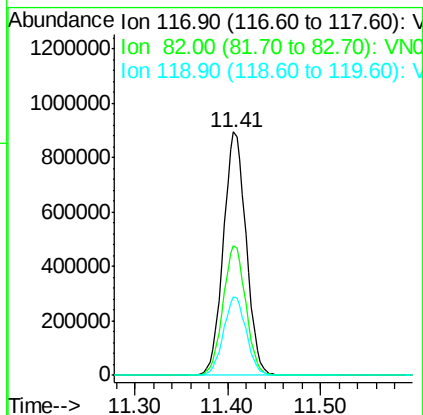
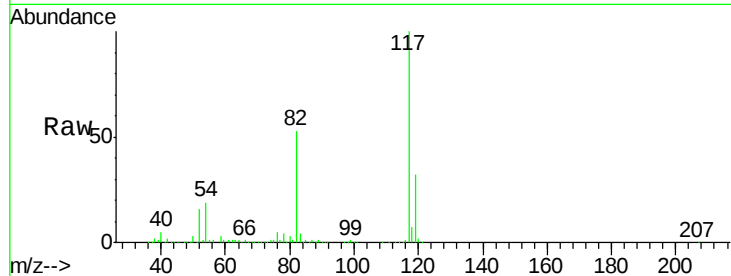
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053300.D
Acq: 7 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
COMP-3-DRUM

Tot Ion:117 Resp: 1515935
Ion Ratio Lower Upper
117 100
82 53.3 42.9 64.3
119 32.1 25.6 38.4

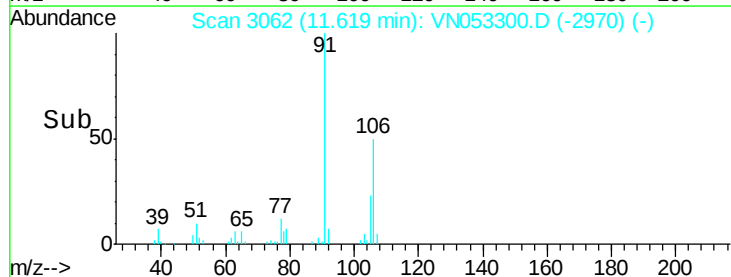
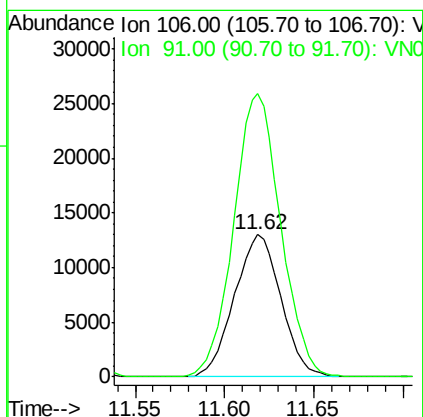
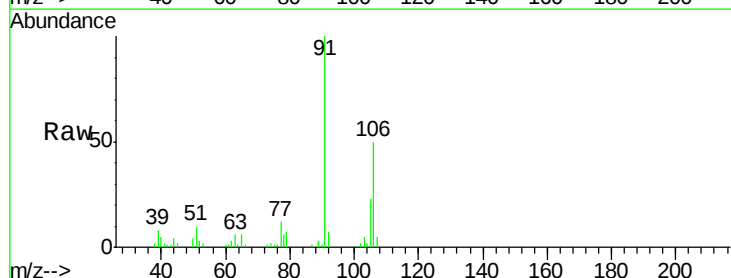
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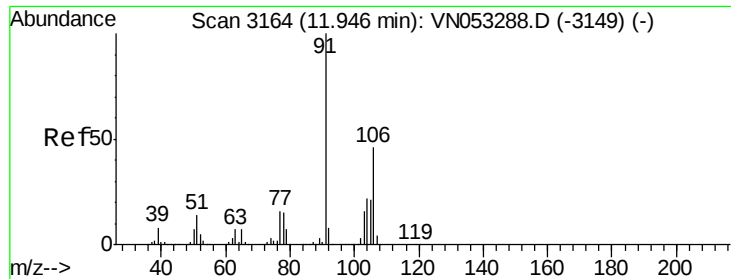
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#68
m/p-Xylenes
Concen: 1.126 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053300.D
Acq: 7 Jan 2019 13:14

Tgt Ion:106 Resp: 23697
Ion Ratio Lower Upper
106 100
91 200.8 161.4 242.2





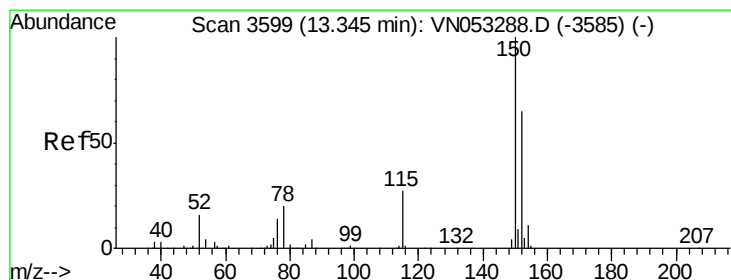
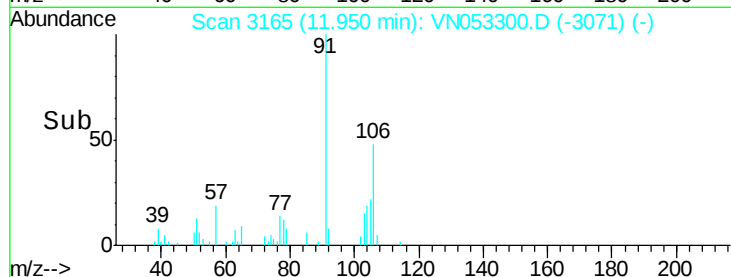
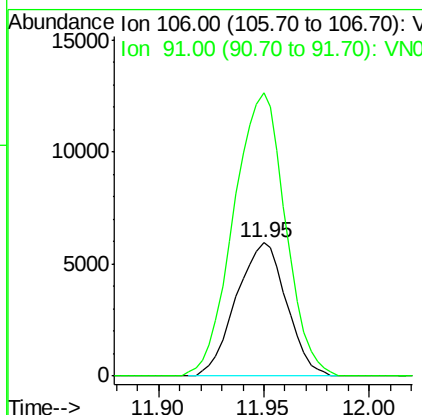
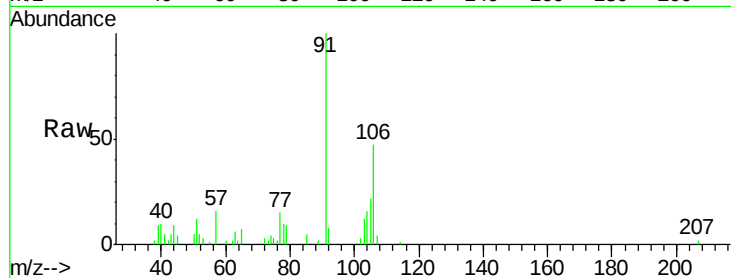
#69
o-Xylene
Concen: 0.479 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053300.D
Acq: 7 Jan 2019 13:14

Instrument :
MSVOA_N
ClientSampled :
COMP-3-DRUM

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.7	106.8	320.4

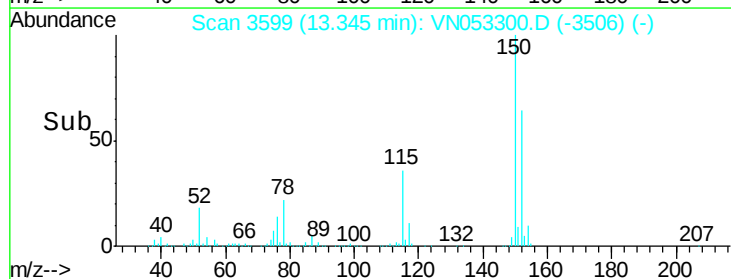
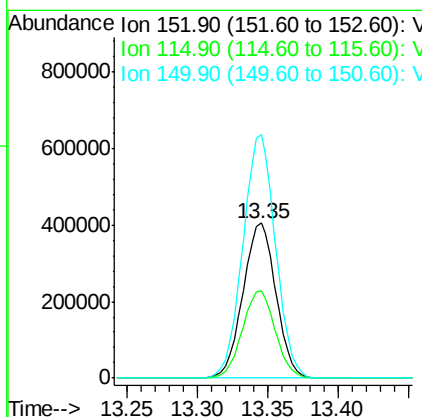
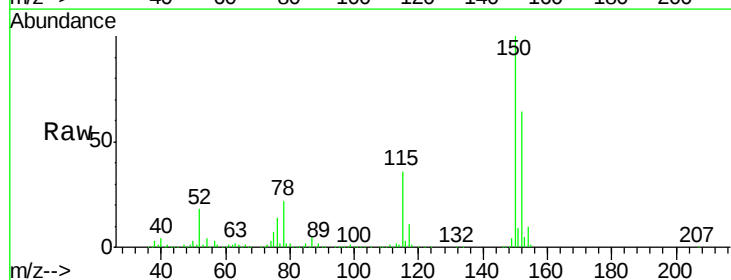
Manual Integrations
APPROVED

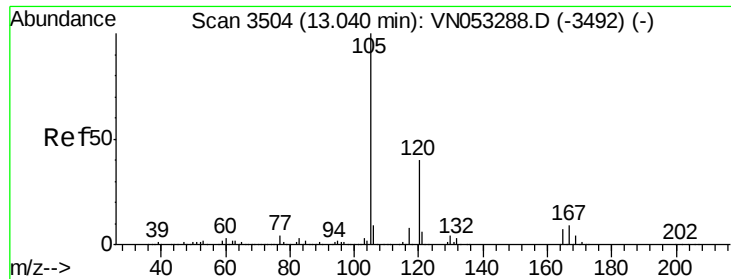
MMDadoda
1/8/2019 9:25:13 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053300.D
Acq: 7 Jan 2019 13:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.0	84.0
150	156.0	0.0	346.6





#84

1,2,4-Trimethylbenzene

Concen: 0.508 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053300.D

Acq: 7 Jan 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

COMP-3-DRUM

Tot Ion:105 Resp: 20557

Ion Ratio Lower Upper

105 100

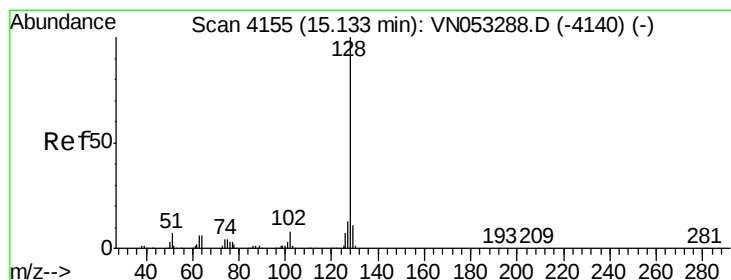
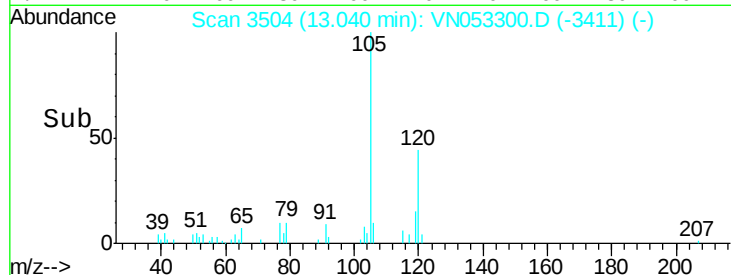
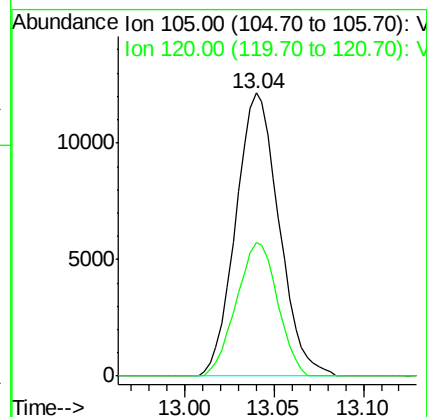
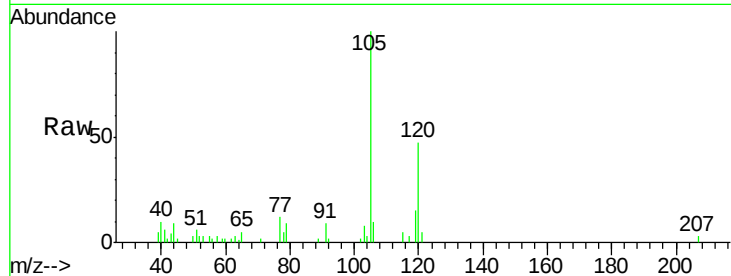
120 44.9 23.0 69.0

Manual Integrations

APPROVED

MMDadoda

1/8/2019 9:25:13 AM



#95

Naphthalene

Concen: 4.128 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053300.D

Acq: 7 Jan 2019 13:14

Tgt Ion:128 Resp: 48091

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 11.1 8.7 13.1

