

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049329.D
 Acq On : 16 Jun 2018 23:47
 Operator : MD\SY
 Sample : J3435-09 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NW6

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:31 PM

Quant Time: Jun 18 05:08:51 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	1409351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2054812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1740500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	742956	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	837991	44.83	ug/l	0.00
Spiked Amount						
			Recovery	=	89.66%	
35) Dibromofluoromethane	7.59	113	754516	45.39	ug/l	0.00
Spiked Amount						
			Recovery	=	90.78%	
50) Toluene-d8	10.09	98	2882190	45.53	ug/l	0.00
Spiked Amount						
			Recovery	=	91.06%	
62) 4-Bromofluorobenzene	12.40	95	893918	42.71	ug/l	0.00
Spiked Amount						
			Recovery	=	85.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	24788	1.79	ug/l	# 86
31) Cyclohexane	7.65	56	488590	17.56	ug/l	# 89
39) Methylcyclohexane	9.08	83	191541	7.58	ug/l	95
40) Benzene	8.04	78	431335	5.97	ug/l	98
52) Toluene	10.16	92	358289	8.46	ug/l	96
67) Ethyl Benzene	11.51	91	6519212	87.66	ug/l	98
68) m/p-Xylenes	11.62	106	6599221	236.44	ug/l	97
69) o-Xylene	11.95	106	1829316	68.05	ug/l	97
73) Isopropylbenzene	12.25	105	273133	4.19	ug/l	98
78) n-propylbenzene	12.59	91	610642	8.53	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2246938	43.82	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	5830047	114.46	ug/l	98
85) sec-Butylbenzene	13.17	105	33901m	0.56	ug/l	
95) Naphthalene	15.14	128	686112	32.60	ug/l	100

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

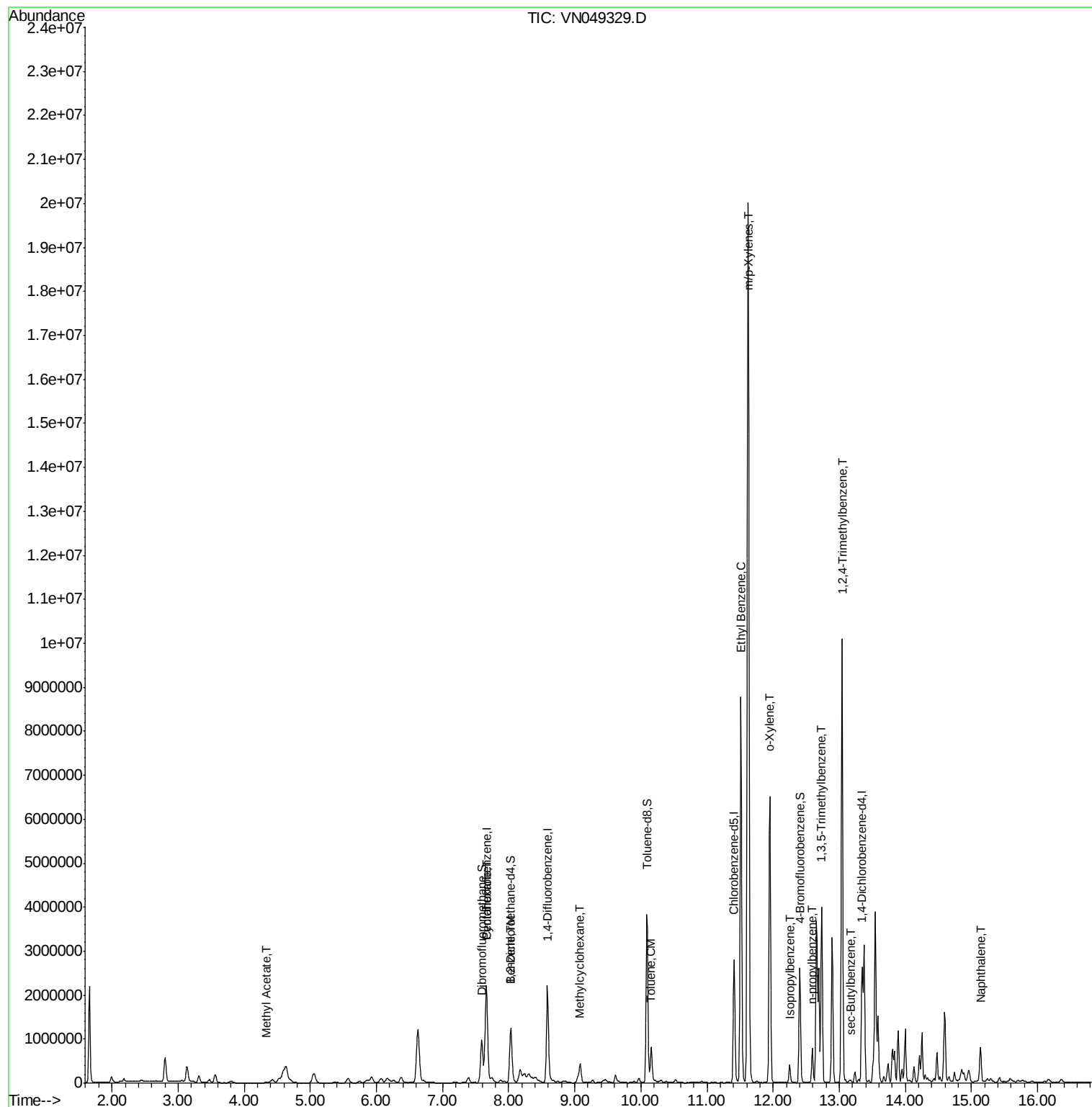
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049329.D
Acq On : 16 Jun 2018 23:47
Operator : MD\SY
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

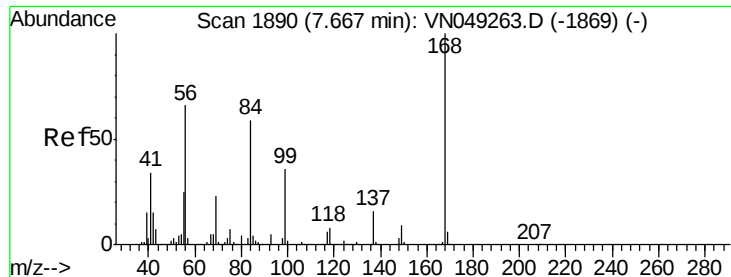
Instrument :
MSVOA_N
ClientSampleId :
NW6

Manual Integrations
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Quant Time: Jun 18 05:08:51 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: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049329.D

Acq: 16 Jun 2018 23:47

Instrument :

MSVOA_N

ClientSampleId :

NW6

Tot Ion:168 Resp: 1409351

Ion Ratio Lower Upper

168 100

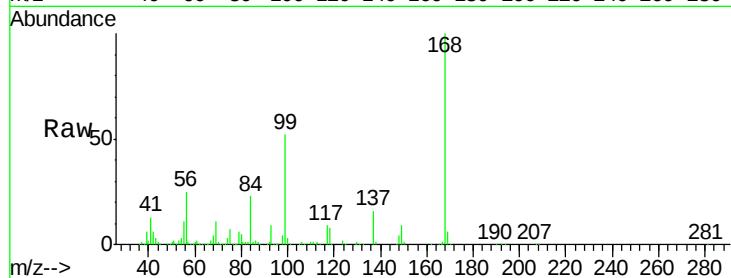
99 52.0 45.8 68.6

Manual Integrations

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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

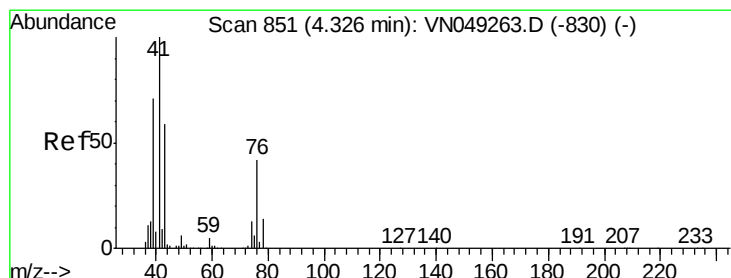
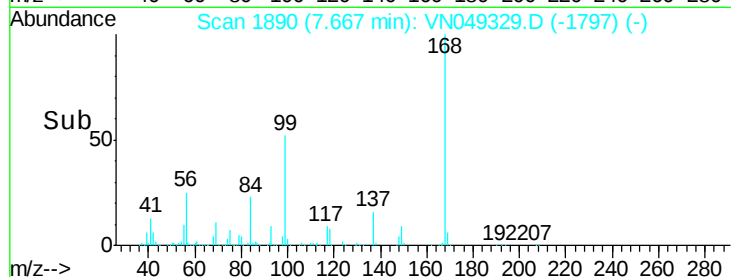
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400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#18

Methyl Acetate

Concen: 1.79 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049329.D

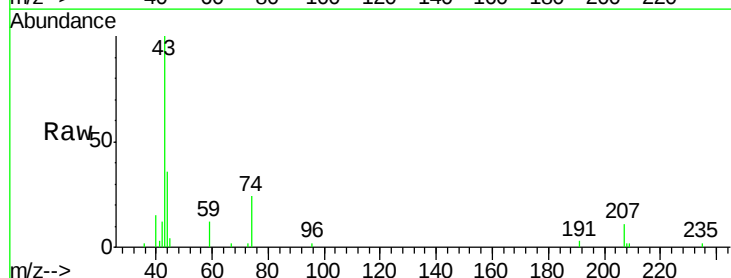
Acq: 16 Jun 2018 23:47

Tgt Ion: 43 Resp: 24788

Ion Ratio Lower Upper

43 100

74 28.4 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.34

10000

8000

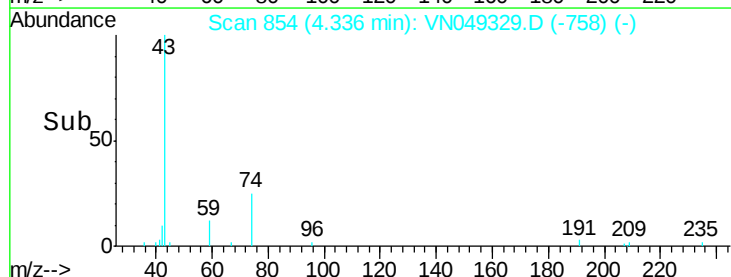
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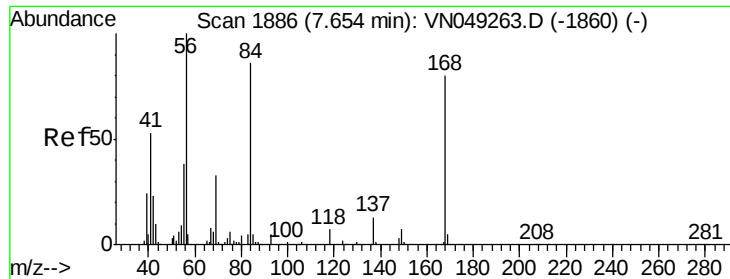
4000

2000

0

Time--> 4.25 4.30 4.35 4.40





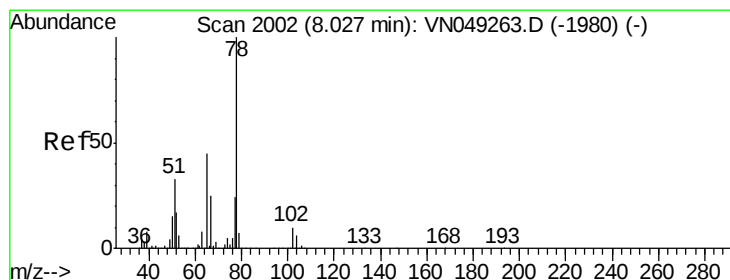
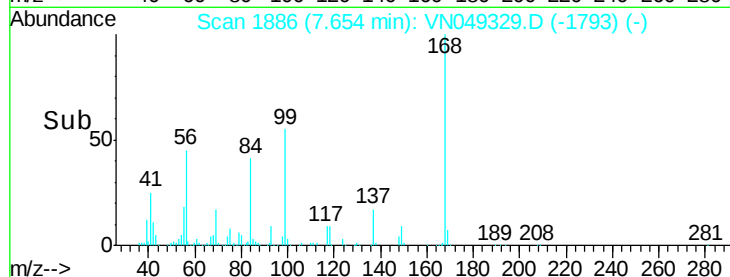
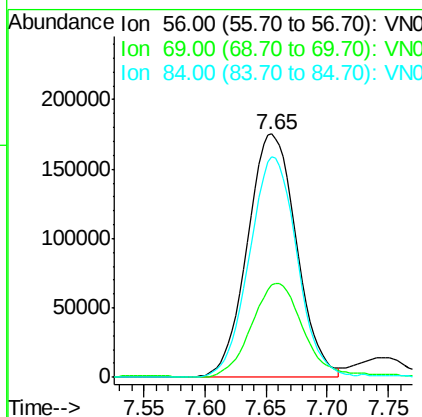
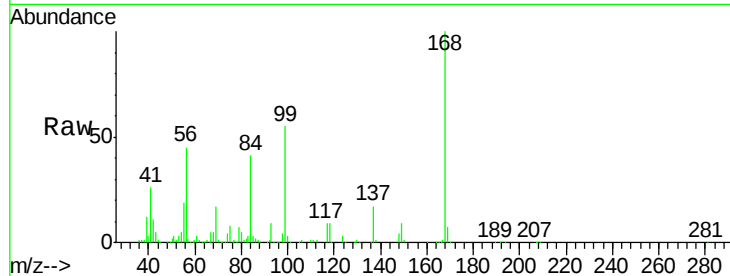
#31
Cyclohexane
Concen: 17.56 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Instrument :
MSVOA_N
ClientSampled :
NW6

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	25.0	37.4#
84	90.6	64.6	96.8

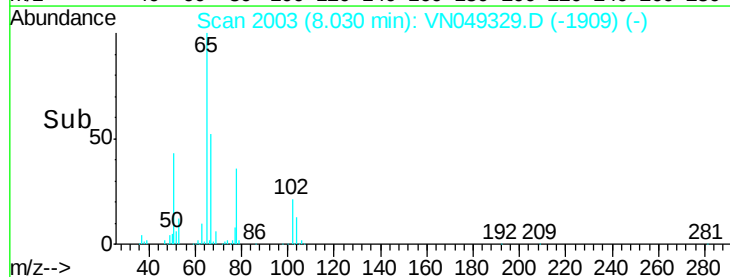
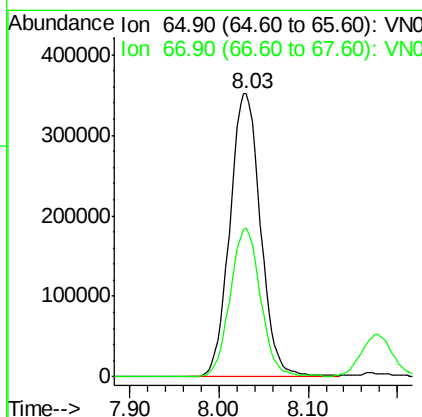
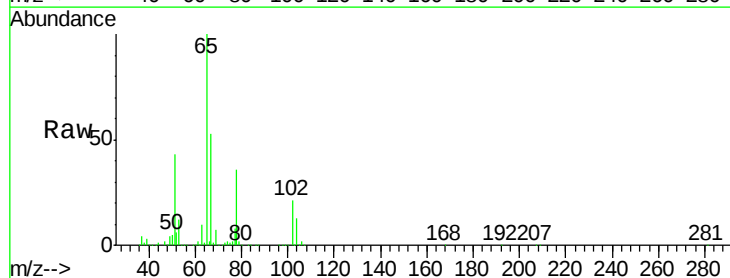
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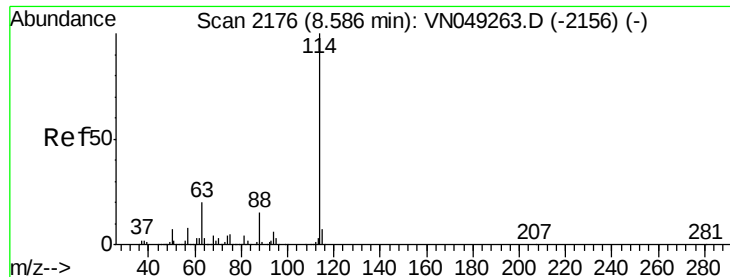
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#33
1,2-Dichloroethane-d4
Concen: 44.83 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.8





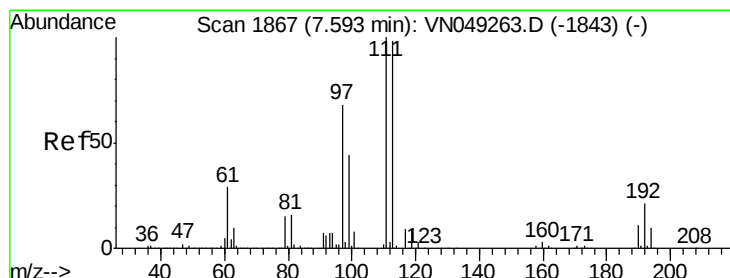
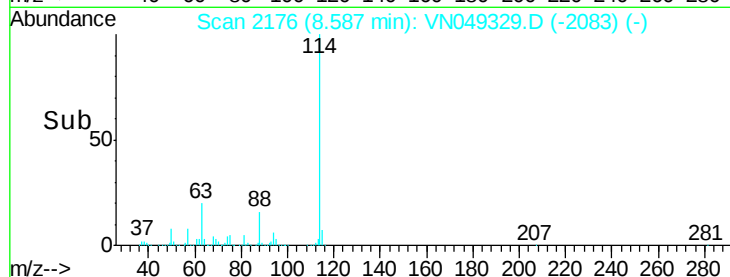
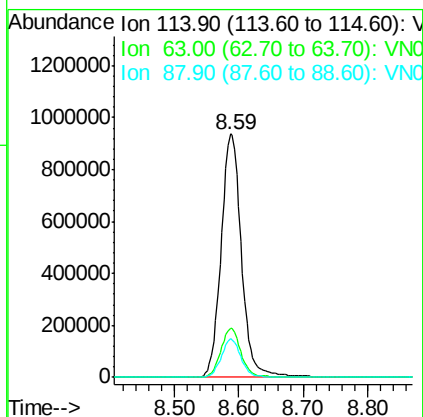
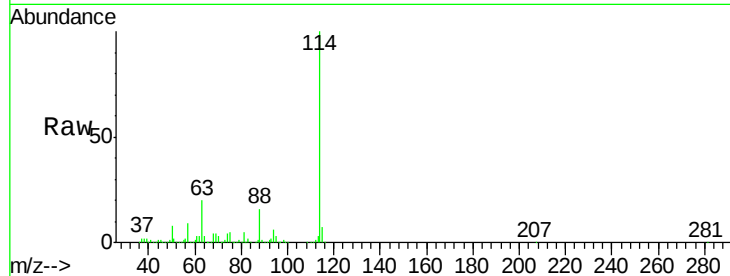
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049329.D
 Acq: 16 Jun 2018 23:47

Instrument :
 MSVOA_N
 ClientSampleId :
 NW6

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	44.4
88	15.8	0.0	31.4

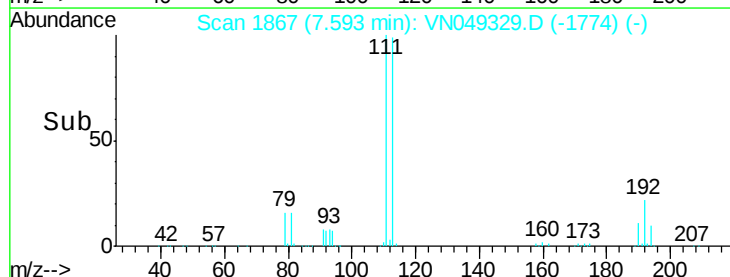
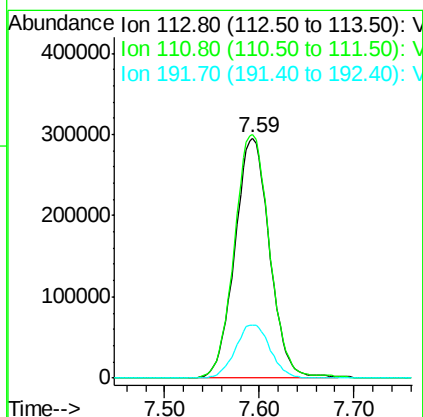
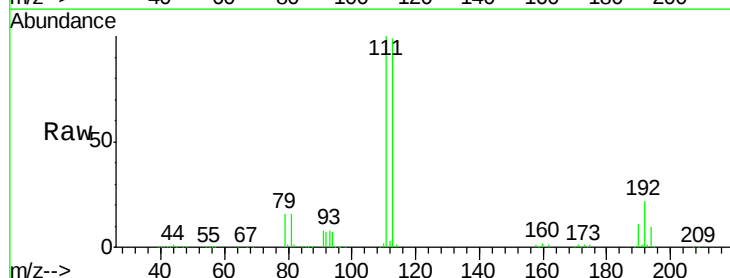
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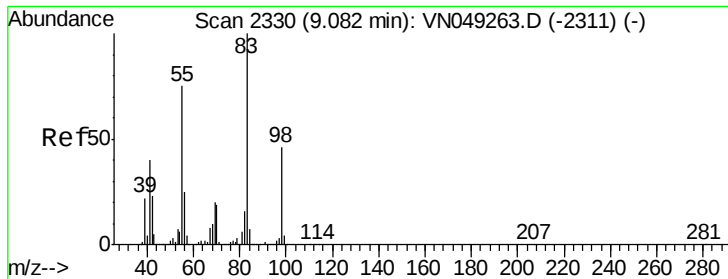
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#35
 Dibromofluoromethane
 Concen: 45.39 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049329.D
 Acq: 16 Jun 2018 23:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	22.2	15.0	22.6





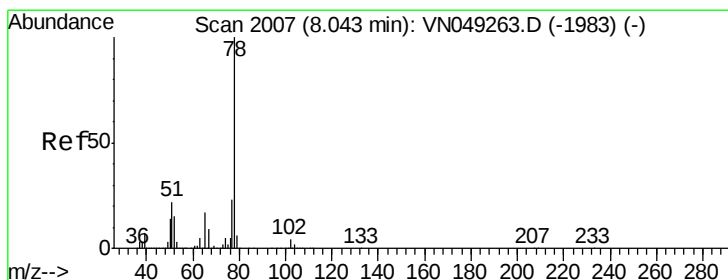
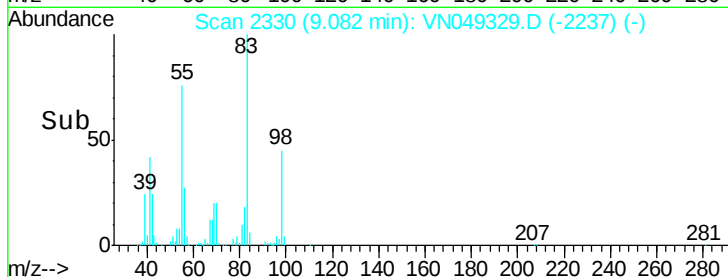
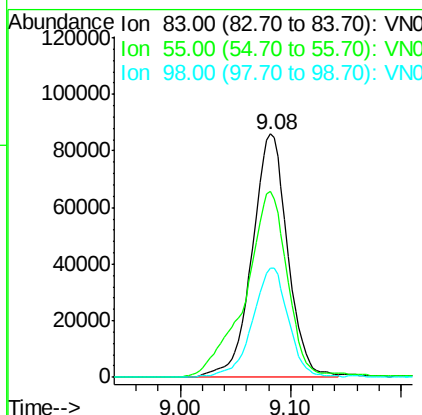
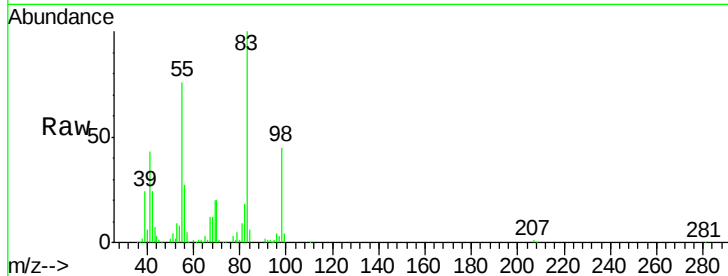
#39
Methvlcvclohexane
Concen: 7.58 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Instrument :
MSVOA_N
ClientSampled :
NW6

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	65.1	97.7
98	44.8	36.5	54.7

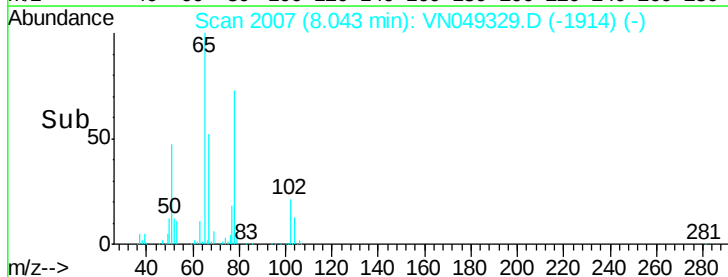
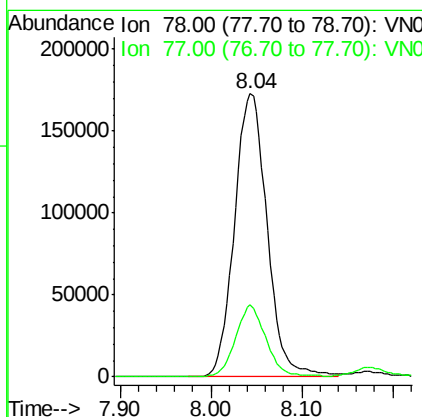
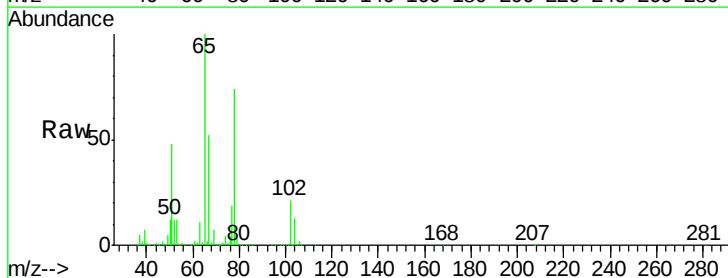
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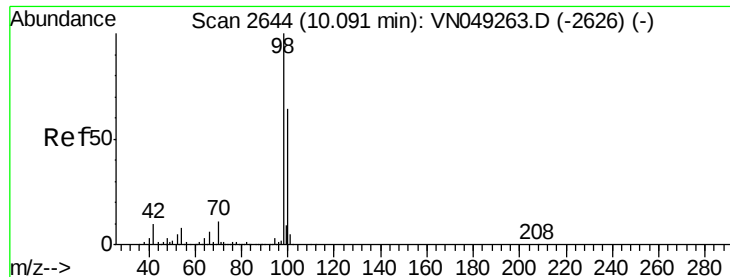
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#40
Benzene
Concen: 5.97 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	19.4	29.0





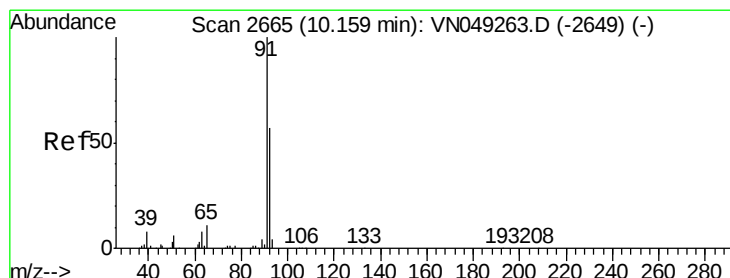
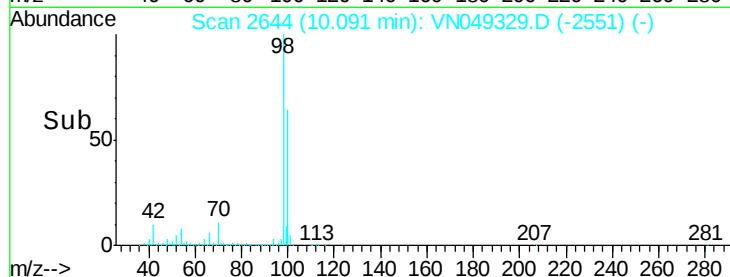
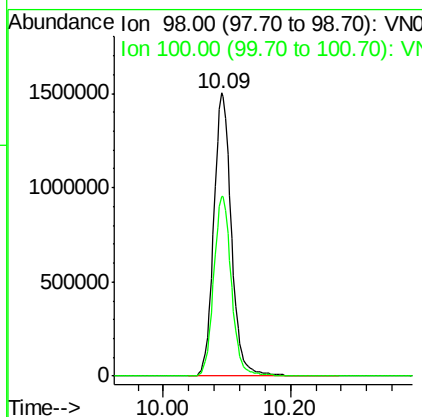
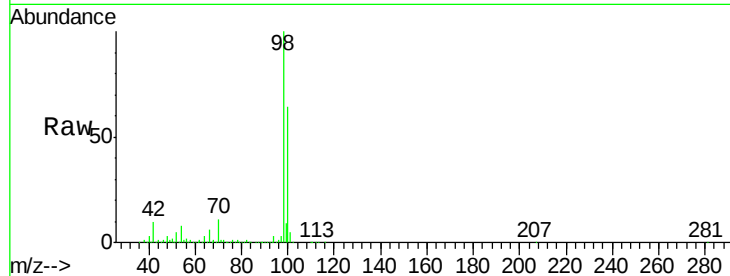
#50
Toluene-d8
Concen: 45.53 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Instrument :
MSVOA_N
ClientSampleId :
NW6

Tot Ion: 98 Resp: 2882190
Ion Ratio Lower Upper
98 100
100 63.9 49.8 74.8

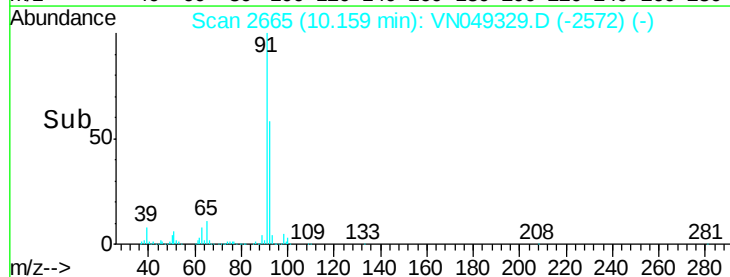
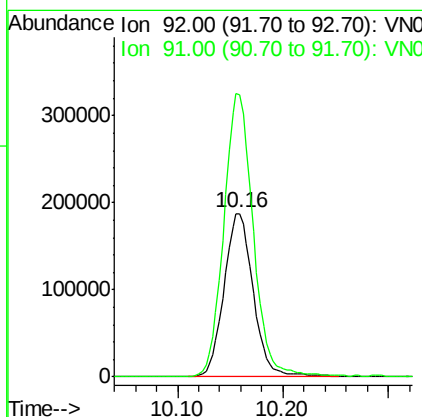
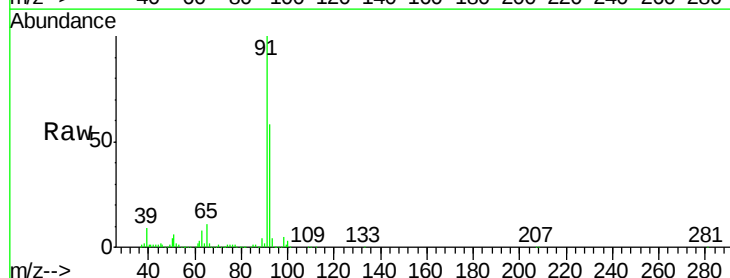
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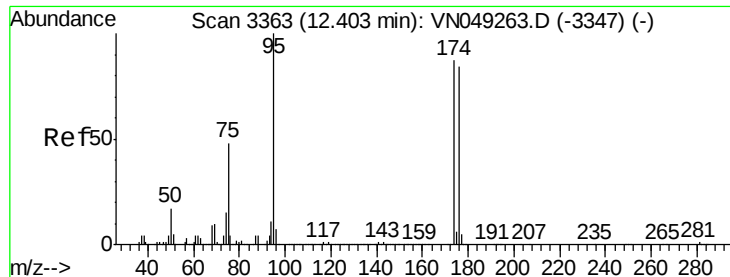
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#52
Toluene
Concen: 8.46 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Tgt Ion: 92 Resp: 358289
Ion Ratio Lower Upper
92 100
91 174.0 143.4 215.2





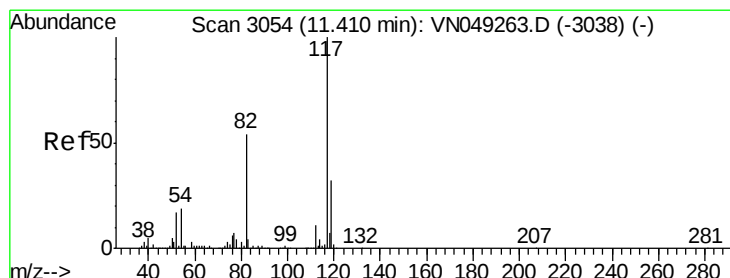
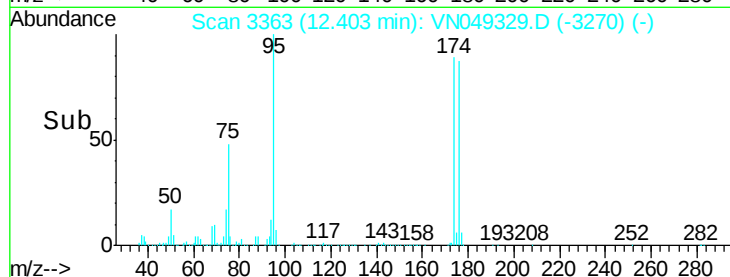
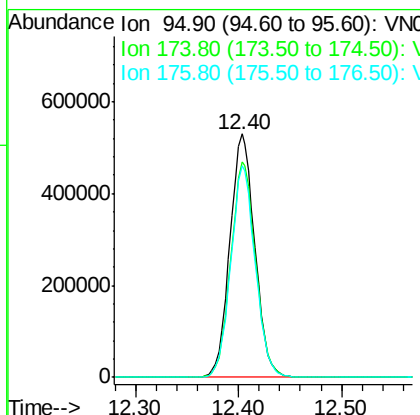
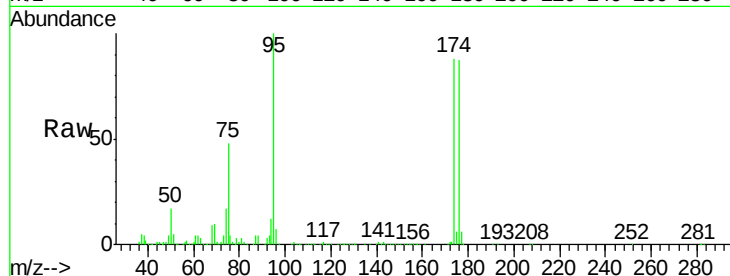
#62
4-Bromofluorobenzene
Concen: 42.71 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Instrument :
MSVOA_N
ClientSampleId :
NW6

Tot Ion	Ratio	Resp	Lower	Upper
95	100	893918		
174	88.0	0.0	165.6	
176	84.9	0.0	157.4	

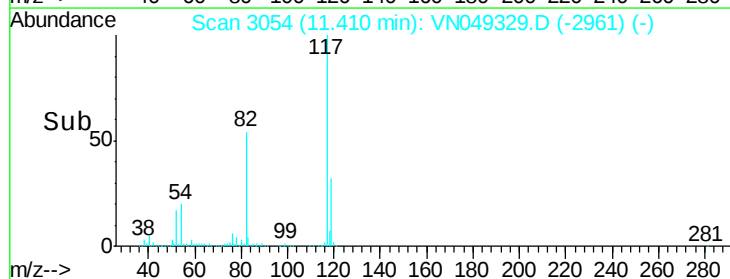
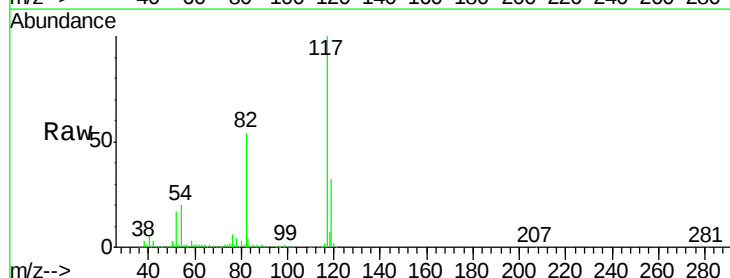
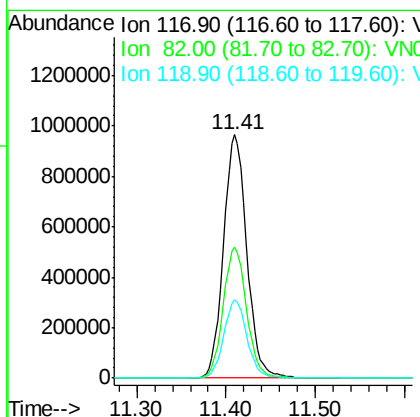
Manual Integrations
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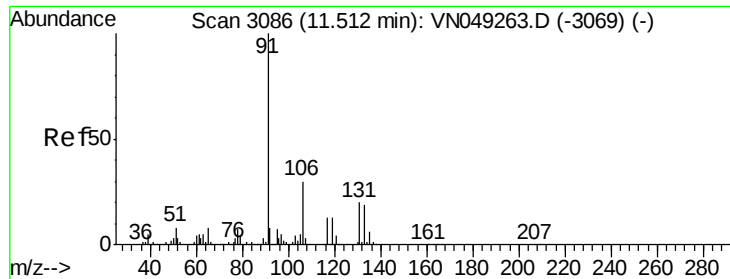
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1740500		
82	53.9	45.9	68.9	
119	32.1	25.5	38.3	





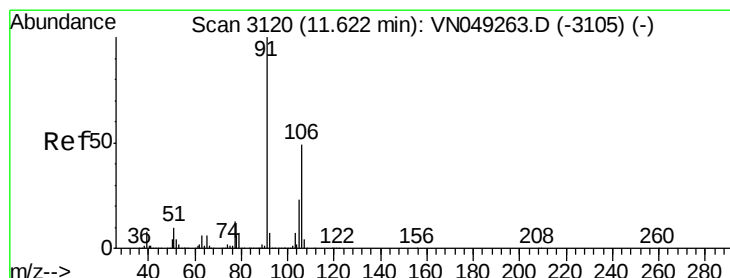
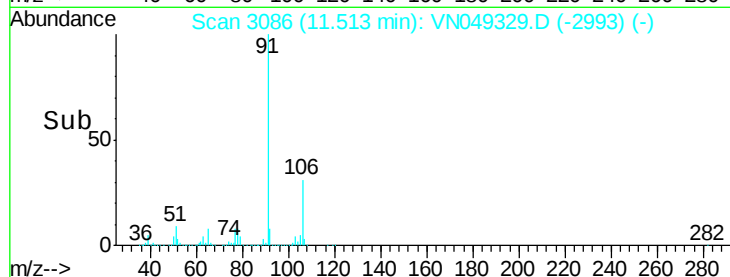
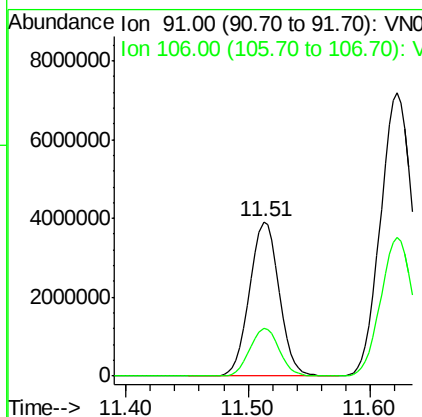
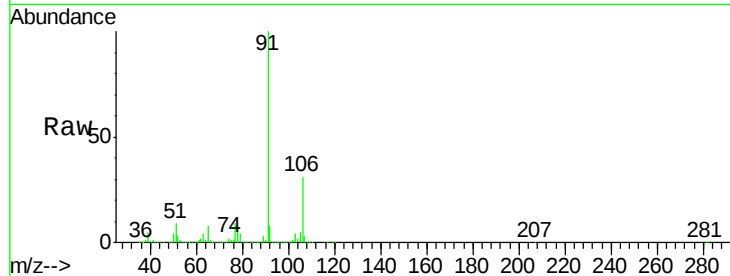
#67
Ethyl Benzene
Concen: 87.66 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Instrument :
MSVOA_N
ClientSampled :
NW6

Tot Ion: 91 Resp: 6519212
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9

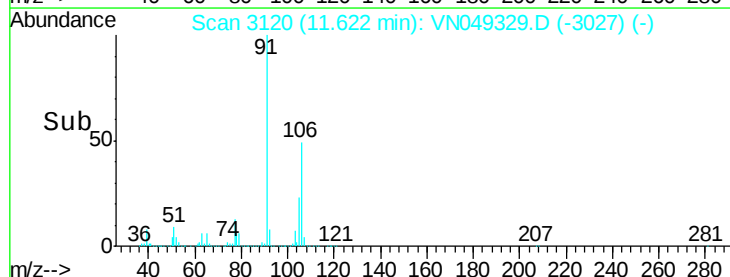
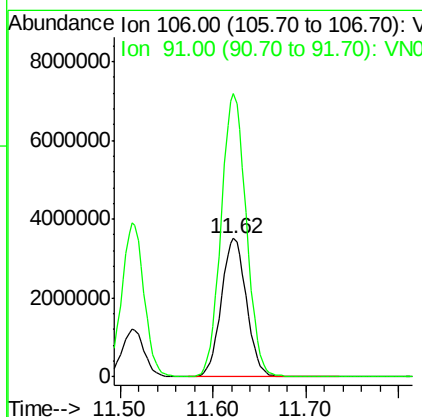
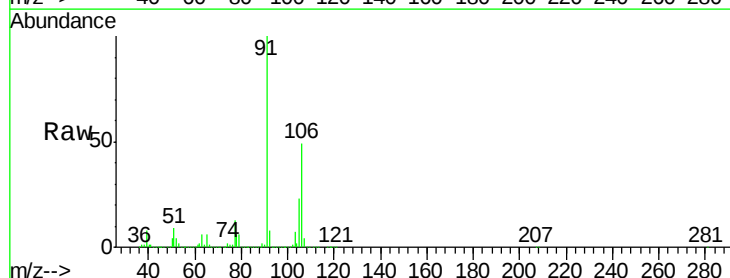
Manual Integrations
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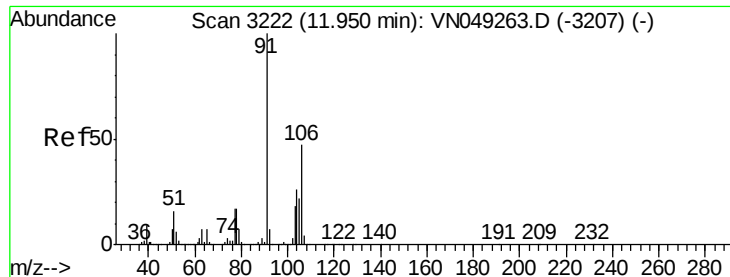
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#68
m/p-Xylenes
Concen: 236.44 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Tgt Ion: 106 Resp: 6599221
Ion Ratio Lower Upper
106 100
91 204.3 167.3 250.9





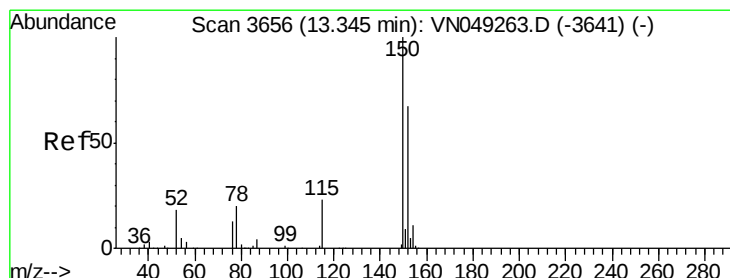
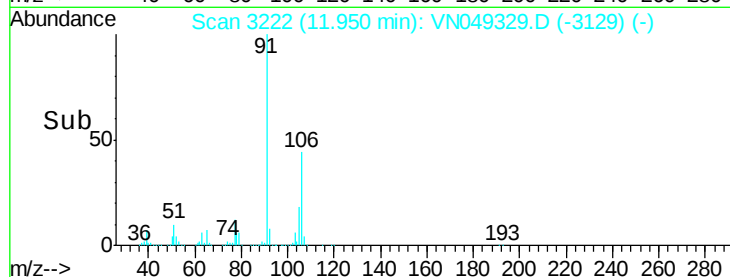
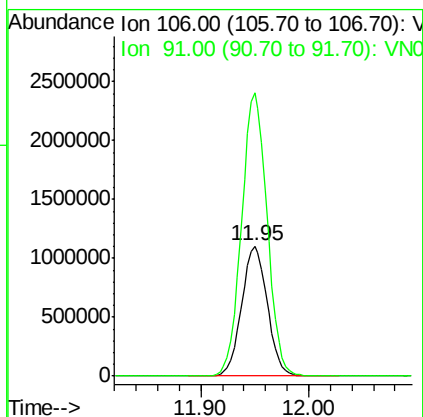
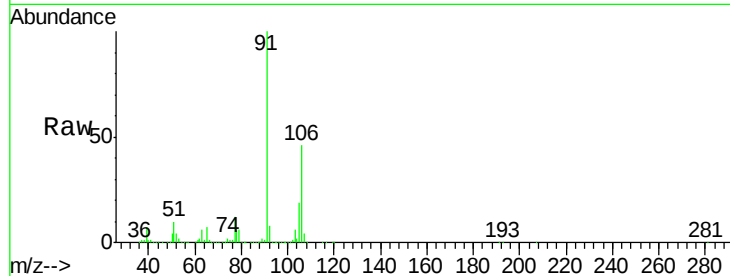
#69
o-Xylene
Concen: 68.05 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Instrument :
MSVOA_N
ClientSampled :
NW6

Tot Ion:106 Resp: 1829316
Ion Ratio Lower Upper
106 100
91 216.5 111.0 333.0

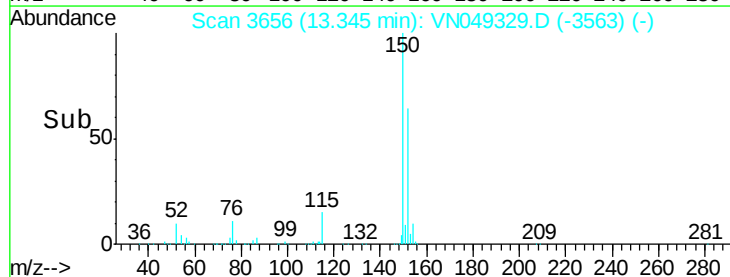
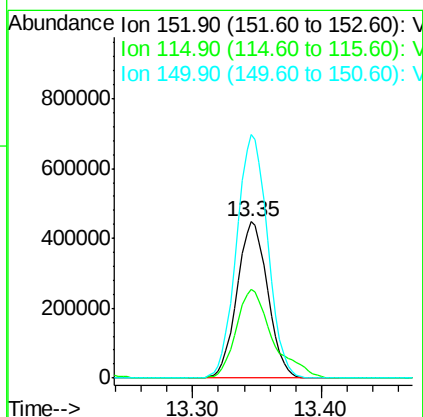
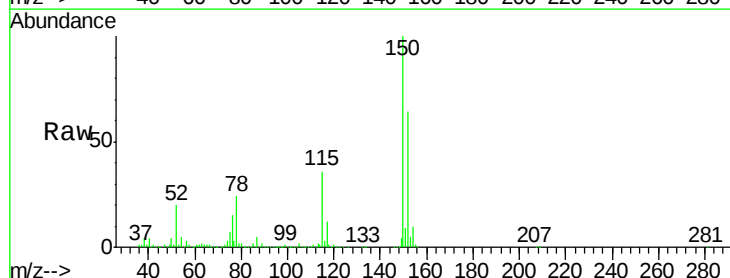
Manual Integrations
APPROVED

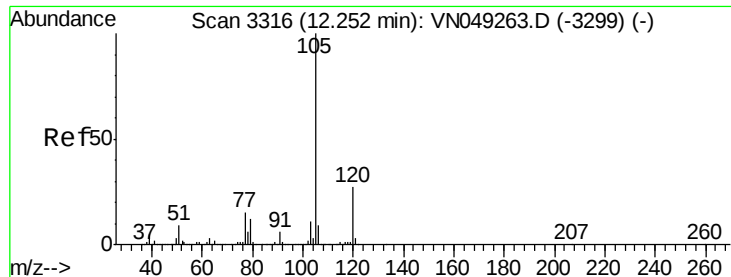
MMDadoda
6/18/2018 3:16:31 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049329.D
Acq: 16 Jun 2018 23:47

Tgt Ion:152 Resp: 742956
Ion Ratio Lower Upper
152 100
115 66.1 28.7 86.1
150 157.8 0.0 351.0





#73

Isopropylbenzene

Concen: 4.19 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049329.D

Acq: 16 Jun 2018 23:47

Instrument :

MSVOA_N

ClientSampled :

NW6

Tot Ion: 105 Resp: 273133

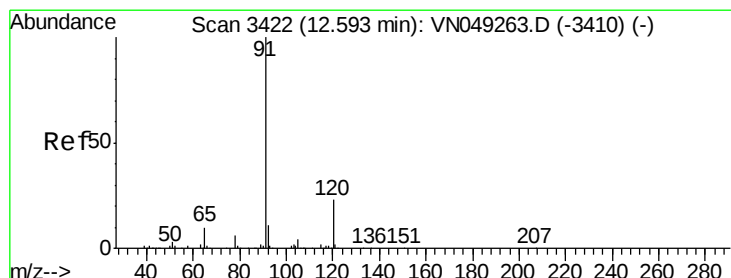
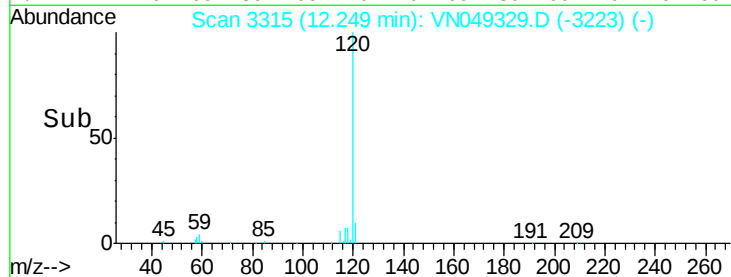
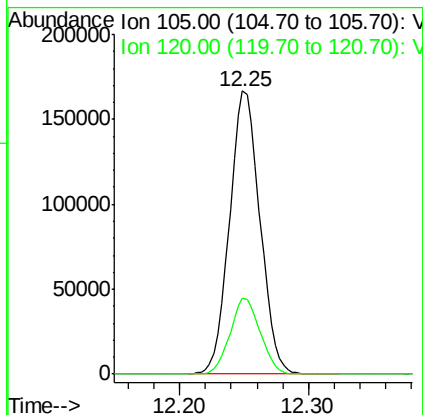
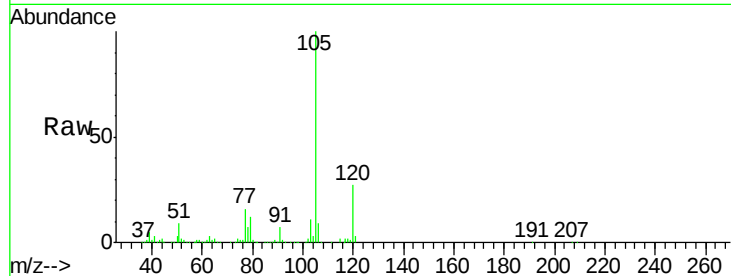
Ion Ratio Lower Upper

105 100

120 26.7 12.8 38.3

Manual Integrations
APPROVED

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#78

n-propylbenzene

Concen: 8.53 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049329.D

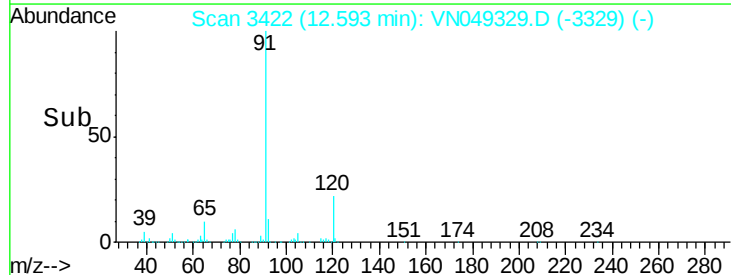
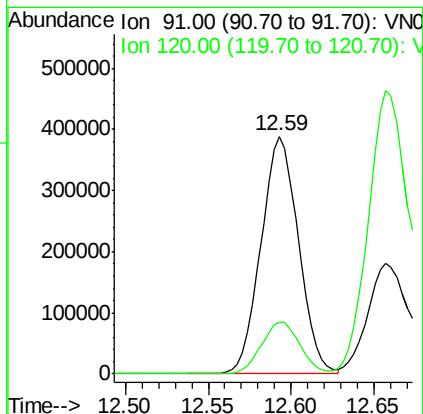
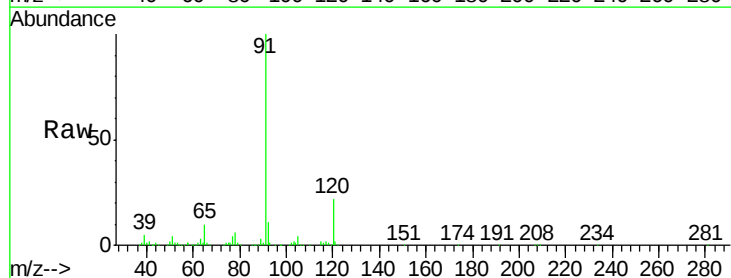
Acq: 16 Jun 2018 23:47

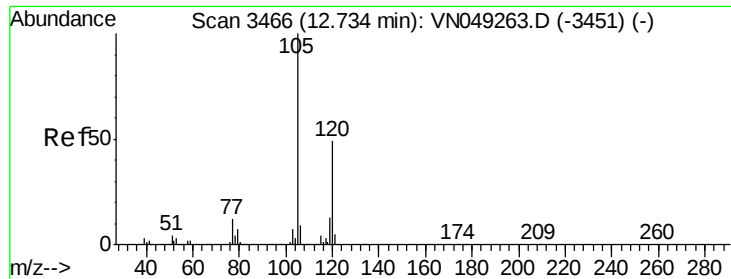
Tgt Ion: 91 Resp: 610642

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5





#80

1,3,5-Trimethylbenzene

Concen: 43.82 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049329.D

Acq: 16 Jun 2018 23:47

Instrument :

MSVOA_N

ClientSampled :

NW6

Tot Ion:105 Resp: 2246938

Ion Ratio Lower Upper

105 100

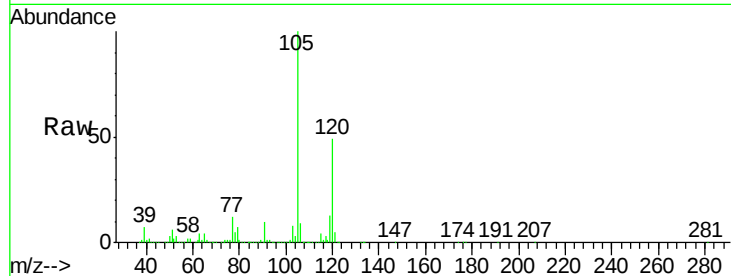
120 49.8 23.5 70.5

Manual Integrations

APPROVED

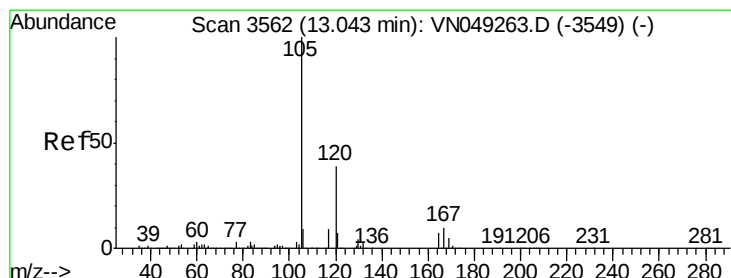
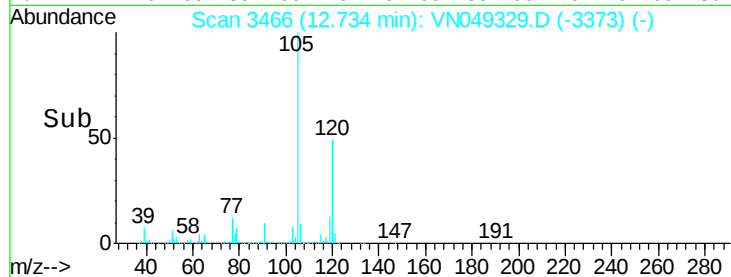
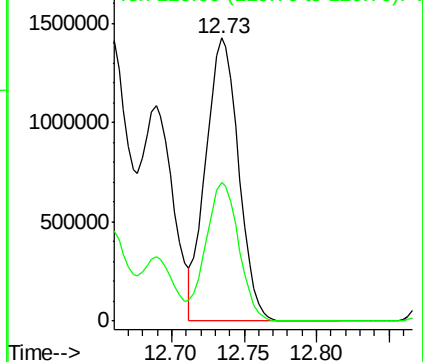
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 114.46 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049329.D

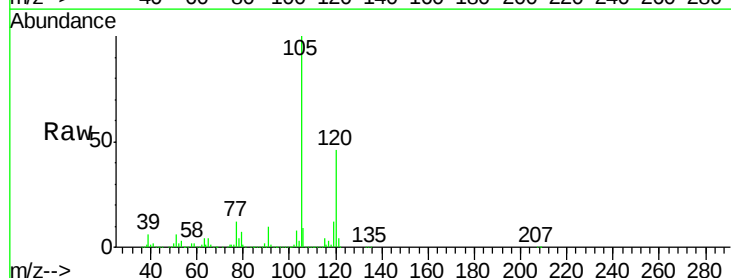
Acq: 16 Jun 2018 23:47

Tgt Ion:105 Resp: 5830047

Ion Ratio Lower Upper

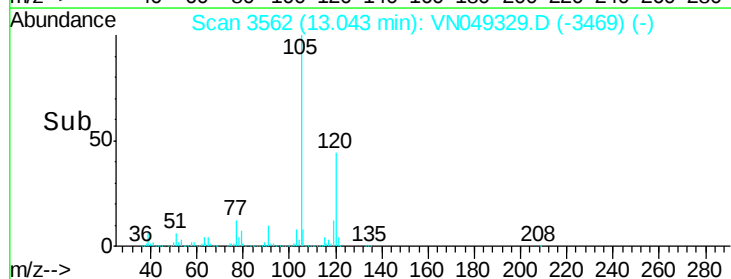
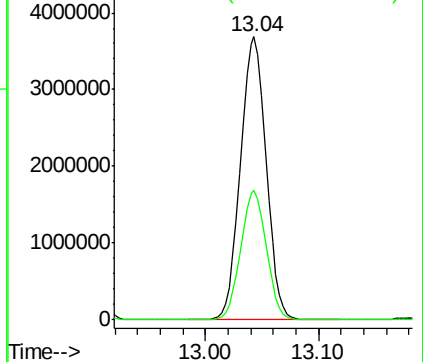
105 100

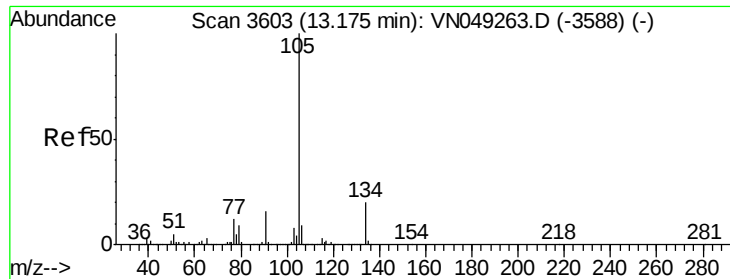
120 45.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.56 ug/l m

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049329.D

Acq: 16 Jun 2018 23:47

Instrument :

MSVOA_N

ClientSampleId :

NW6

Tot Ion:105 Resp: 33901

Ion Ratio Lower Upper

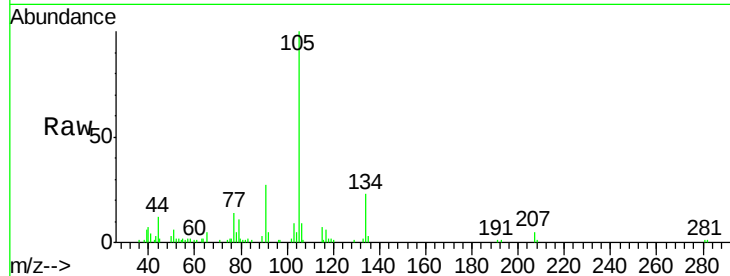
105 100

134 0.0 9.8 29.3#

Manual Integrations
APPROVED

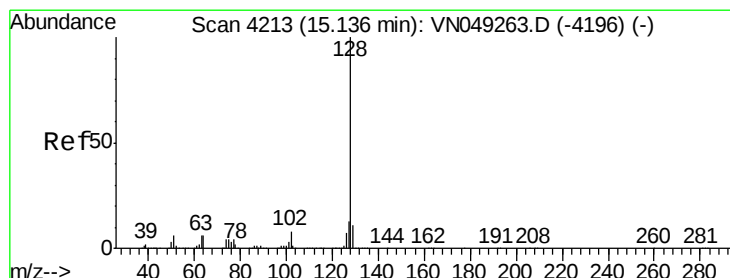
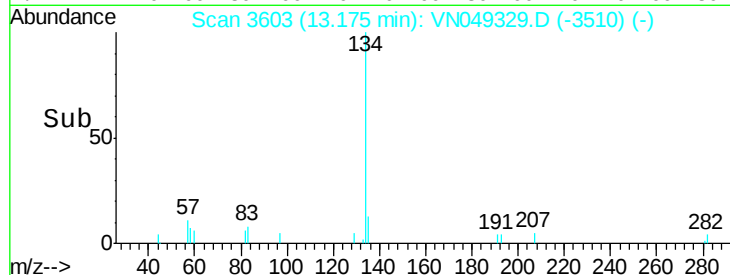
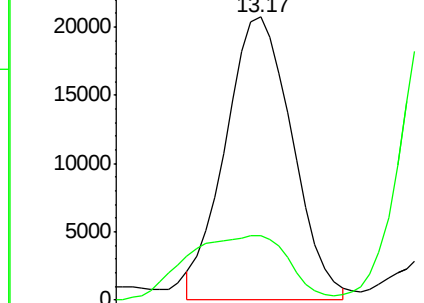
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 32.60 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049329.D

Acq: 16 Jun 2018 23:47

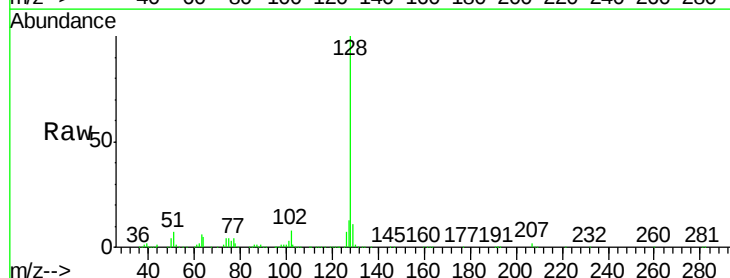
Tgt Ion:128 Resp: 686112

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.6 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

