

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049331.D
 Acq On : 17 Jun 2018 00:38
 Operator : MD\SY
 Sample : J3435-07 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NW3

Quant Time: Jun 18 07:35:15 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	1309886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1976453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1649371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	540802	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	806717	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
35) Dibromofluoromethane	7.59	113	727480	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	
50) Toluene-d8	10.09	98	2757361	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
62) 4-Bromofluorobenzene	12.40	95	747418	37.13	ug/l	0.00
Spiked Amount			Recovery	=	74.26%	

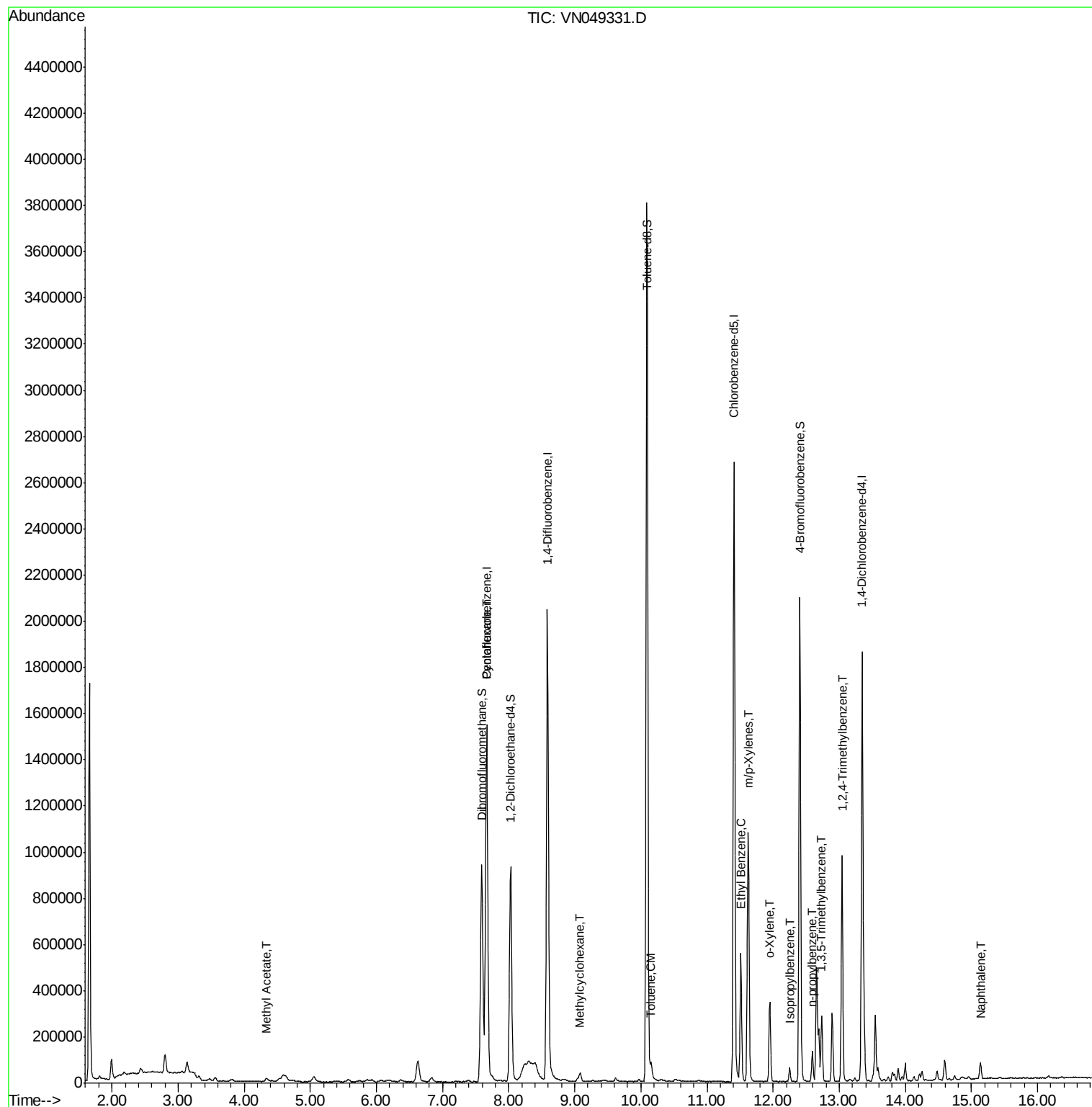
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.33	43	27769	2.16	ug/l	94
31) Cyclohexane	7.66	56	56083	2.01	ug/l	# 39
39) Methylcyclohexane	9.08	83	16409	0.67	ug/l	92
52) Toluene	10.16	92	23984	0.59	ug/l	93
67) Ethyl Benzene	11.51	91	402036	5.70	ug/l	95
68) m/p-Xylenes	11.63	106	364161	13.77	ug/l	97
69) o-Xylene	11.95	106	101359	3.98	ug/l	94
73) Isopropylbenzene	12.25	105	37335	0.79	ug/l	94
78) n-propylbenzene	12.59	91	103537	1.99	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	154079	4.13	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	577108	15.57	ug/l	98
95) Naphthalene	15.14	128	60139	6.05	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049331.D

Acq: 17 Jun 2018 00:38

Instrument :

MSVOA_N

ClientSampleId :

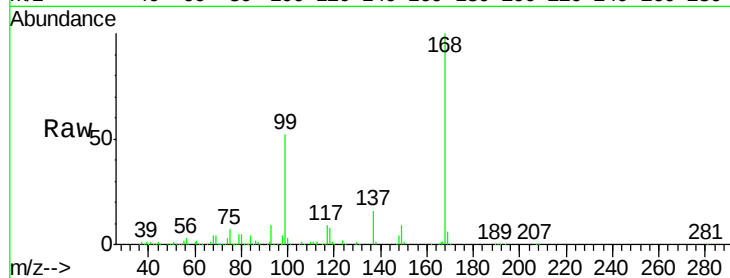
NW3

Tot Ion:168 Resp: 1309886

Ion Ratio Lower Upper

168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

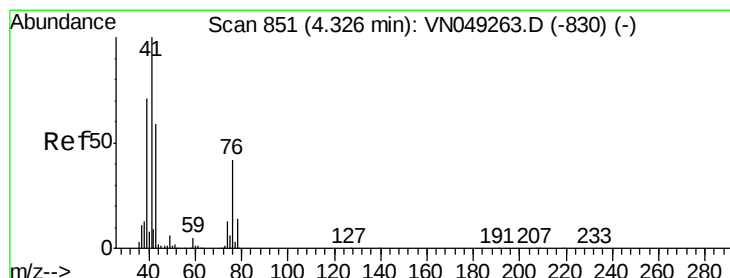
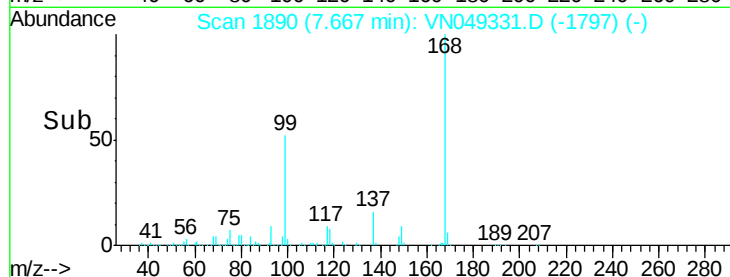
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#18

Methyl Acetate

Concen: 2.16 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049331.D

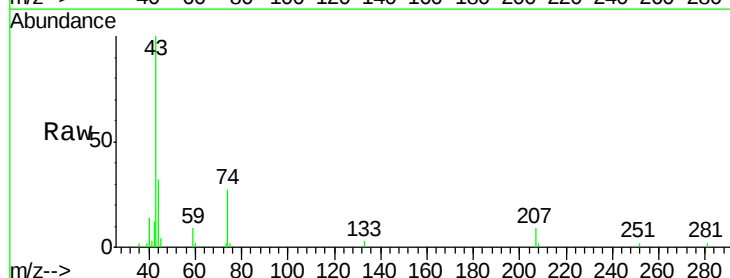
Acq: 17 Jun 2018 00:38

Tgt Ion: 43 Resp: 27769

Ion Ratio Lower Upper

43 100

74 24.5 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

10000

8000

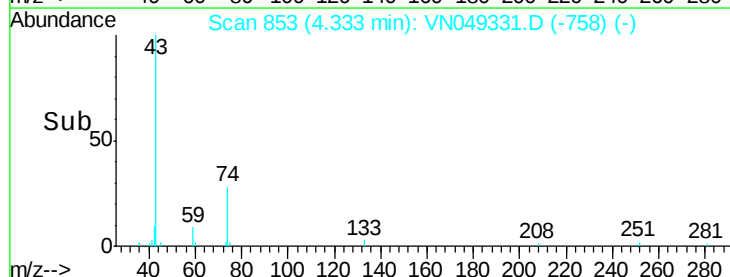
6000

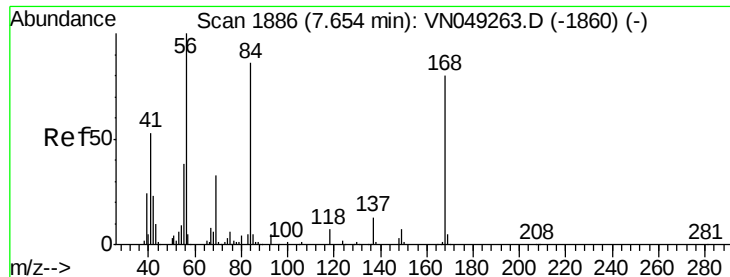
4000

2000

0

Time--> 4.30 4.40

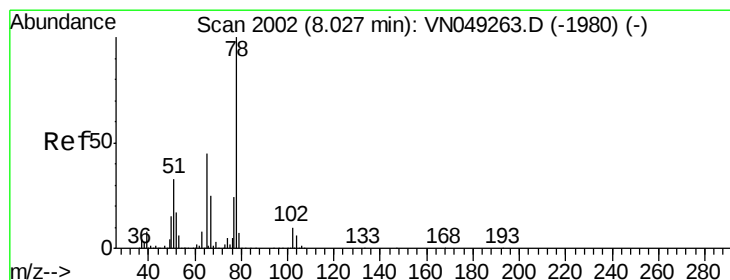
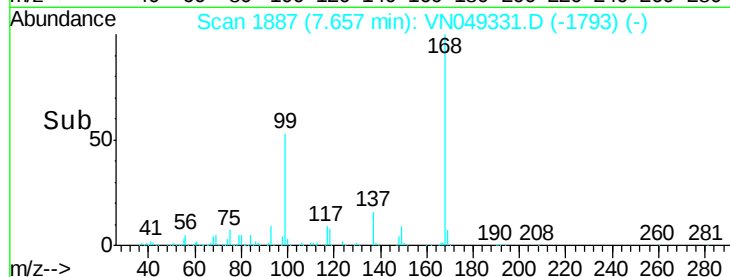
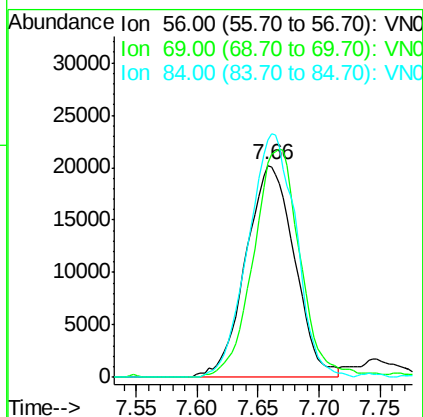
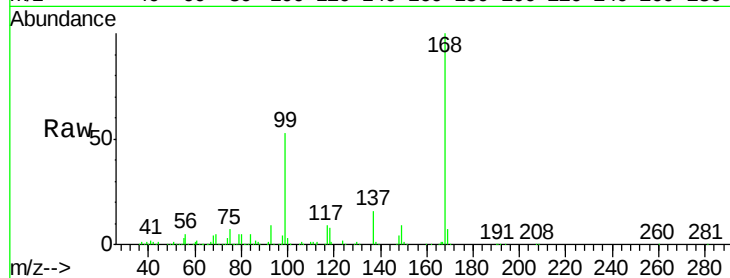




#31
Cyclohexane
Concen: 2.01 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049331.D
Acq: 17 Jun 2018 00:38

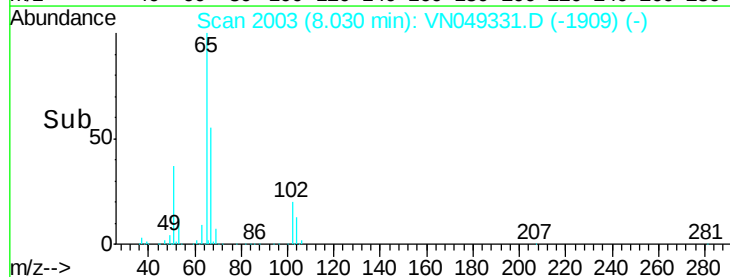
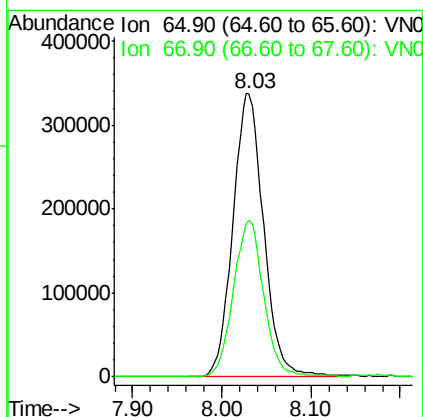
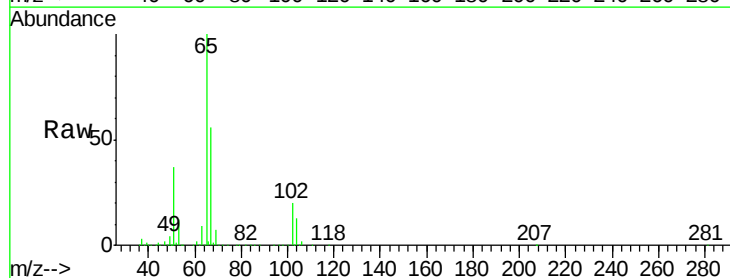
Instrument :
MSVOA_N
ClientSampleId :
NW3

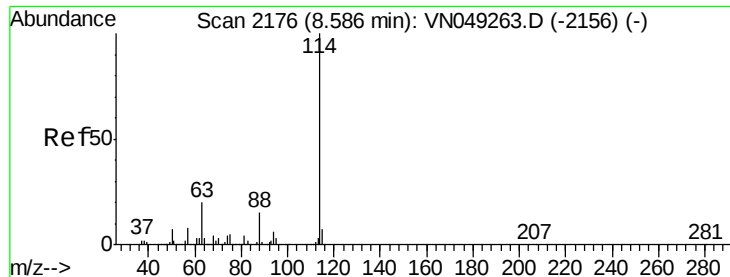
Tot Ion: 56 Resp: 56083
Ion Ratio Lower Upper
56 100
69 101.1 25.0 37.4#
84 112.2 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 46.43 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049331.D
Acq: 17 Jun 2018 00:38

Tgt Ion: 65 Resp: 806717
Ion Ratio Lower Upper
65 100
67 54.6 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: VN049331.D

Acq: 17 Jun 2018 00:38

Instrument :

MSVOA_N

ClientSampleId :

NW3

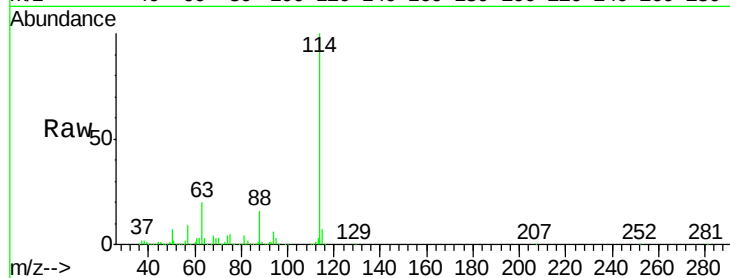
Tot Ion:114 Resp: 1976453

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

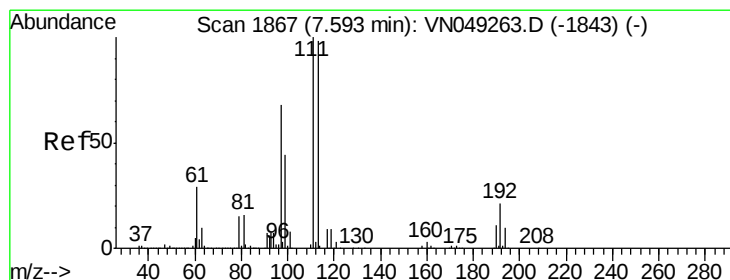
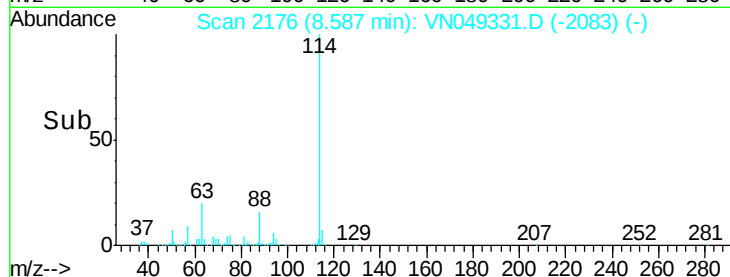
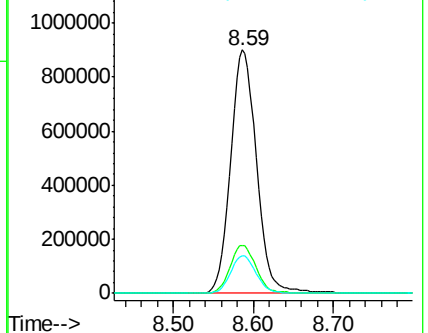
88 15.6 0.0 31.4



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: 45.49 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049331.D

Acq: 17 Jun 2018 00:38

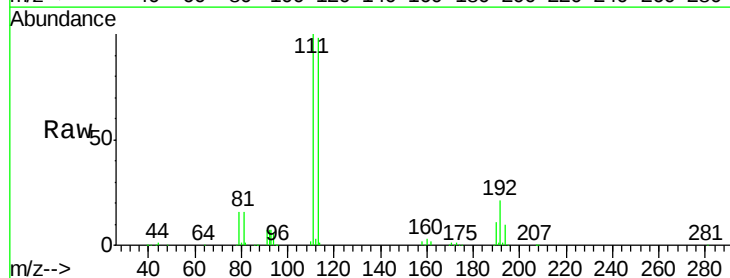
Tgt Ion:113 Resp: 727480

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

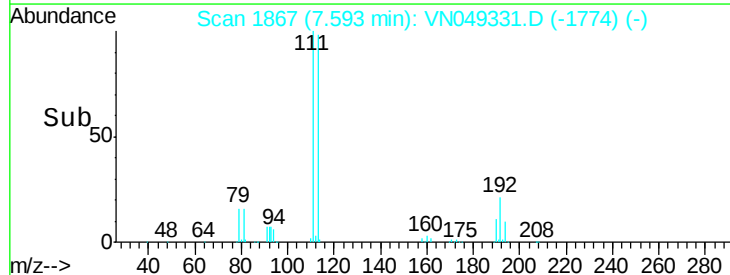
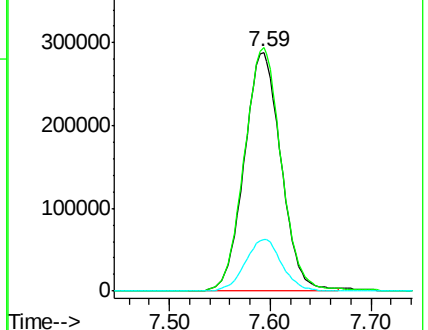
192 21.7 15.0 22.6

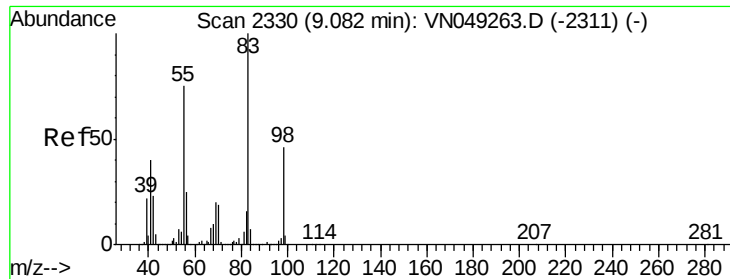


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

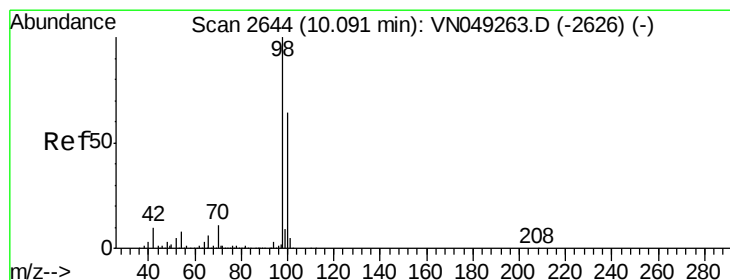
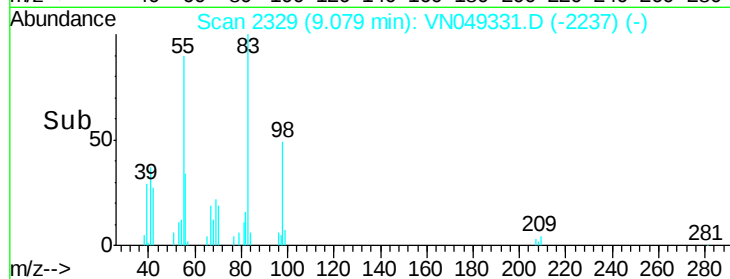
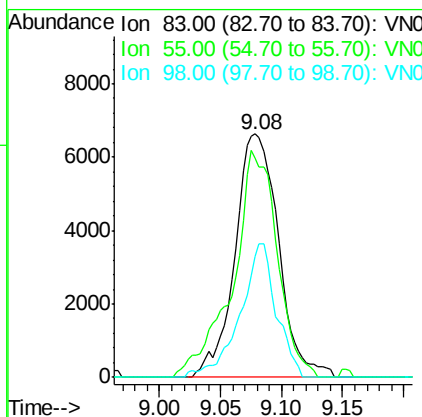
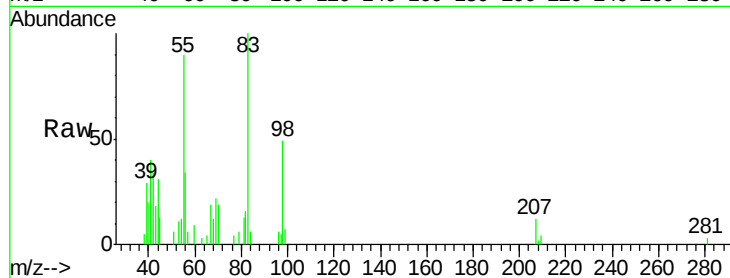




#39
Methvlcvclohexane
Concen: 0.67 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049331.D
Acq: 17 Jun 2018 00:38

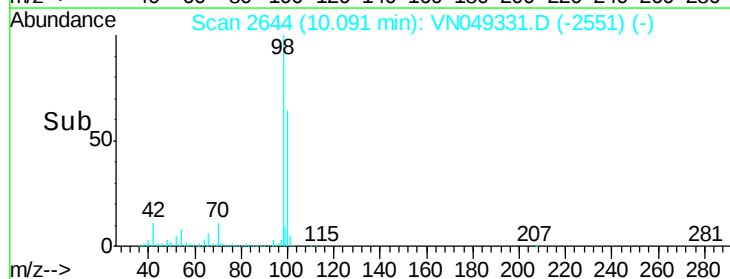
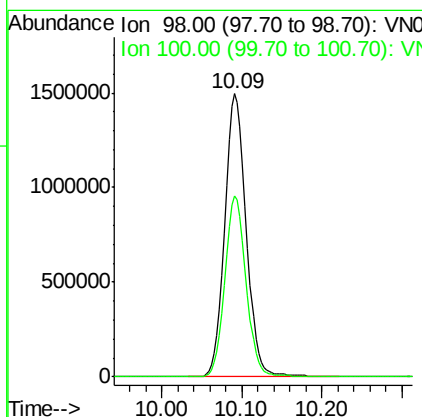
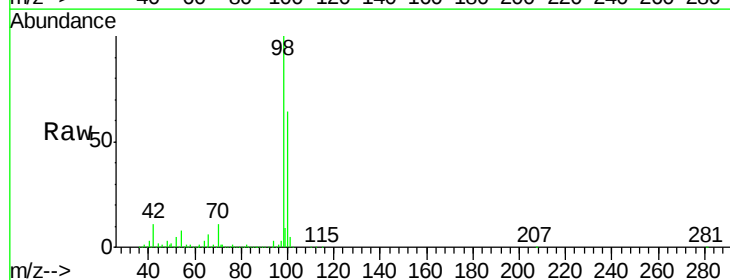
Instrument :
MSVOA_N
ClientSampleId :
NW3

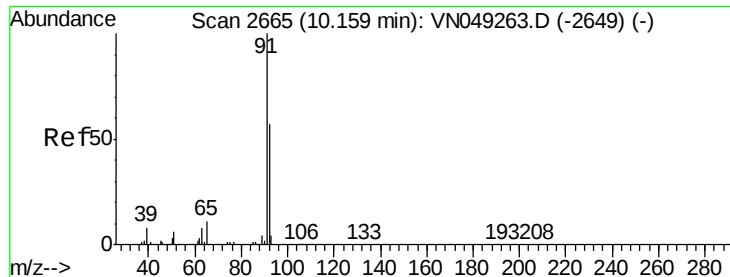
Tot Ion	83	Resp	16409
Ion	Ratio	Lower	Upper
83	100		
55	90.0	65.1	97.7
98	49.4	36.5	54.7



#50
Toluene-d8
Concen: 45.29 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049331.D
Acq: 17 Jun 2018 00:38

Tgt Ion	98	Resp	2757361
Ion	Ratio	Lower	Upper
98	100		
100	63.7	49.8	74.8





#52

Toluene

Concen: 0.59 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049331.D

Acq: 17 Jun 2018 00:38

Instrument :

MSVOA_N

ClientSampleId :

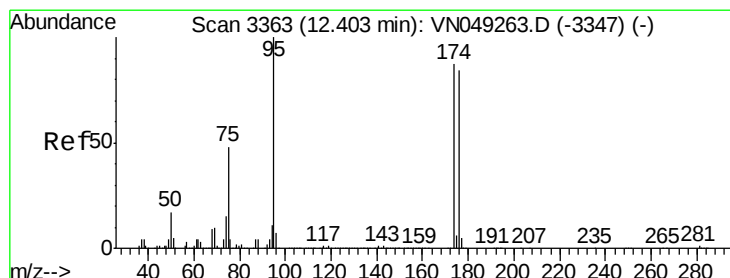
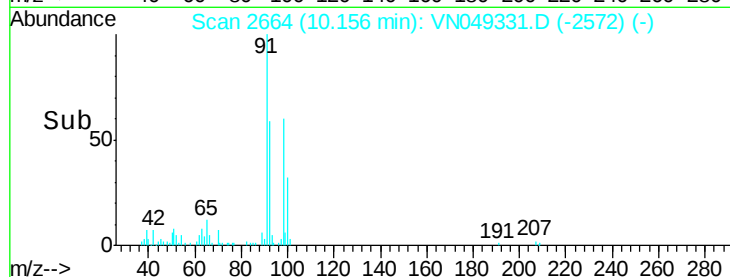
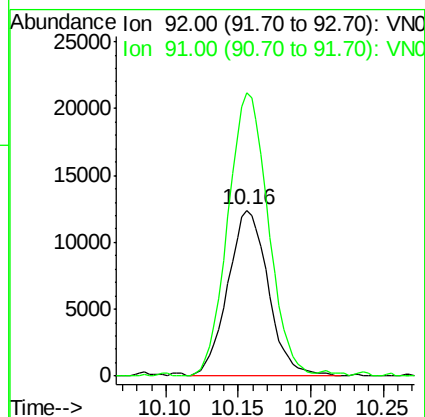
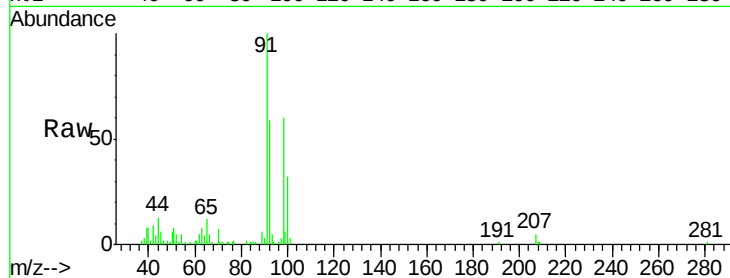
NW3

Tot Ion: 92 Resp: 23984

Ion Ratio Lower Upper

92 100

91 169.9 143.4 215.2



#62

4-Bromofluorobenzene

Concen: 37.13 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049331.D

Acq: 17 Jun 2018 00:38

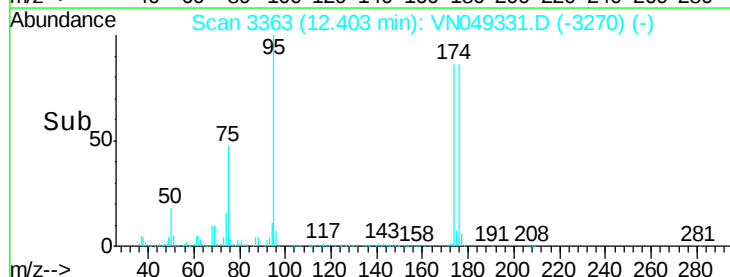
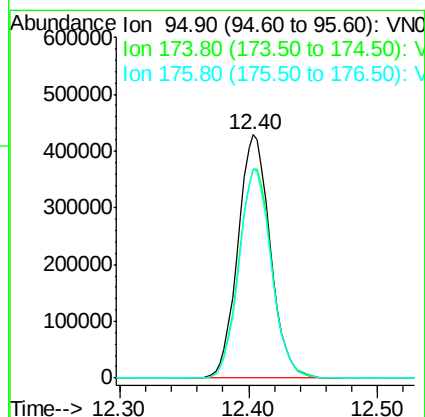
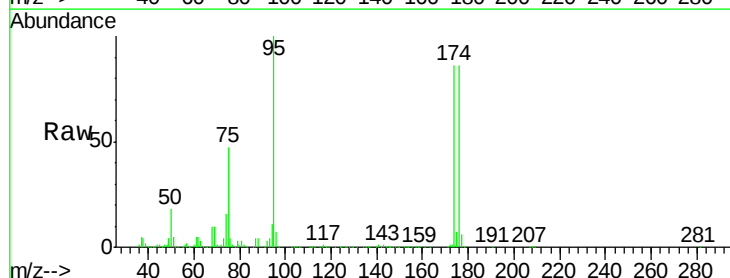
Tgt Ion: 95 Resp: 747418

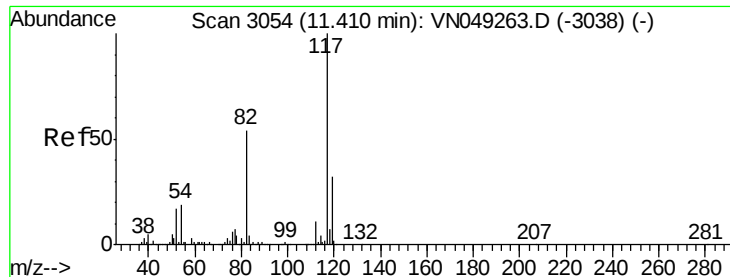
Ion Ratio Lower Upper

95 100

174 87.9 0.0 165.6

176 85.5 0.0 157.4

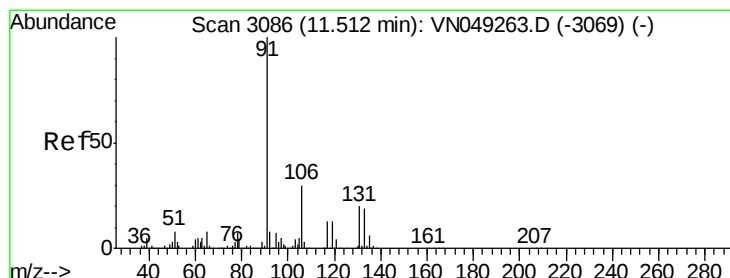
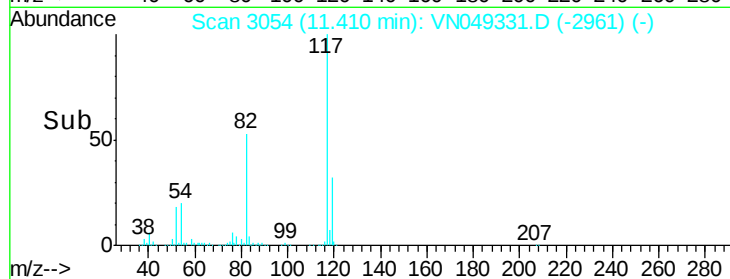
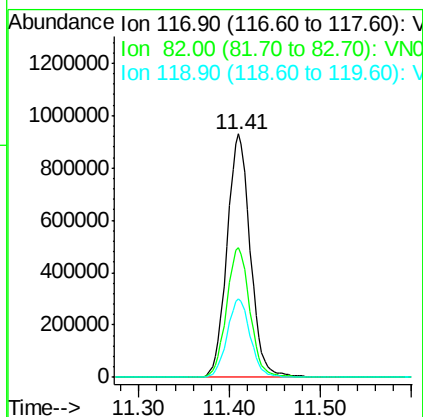
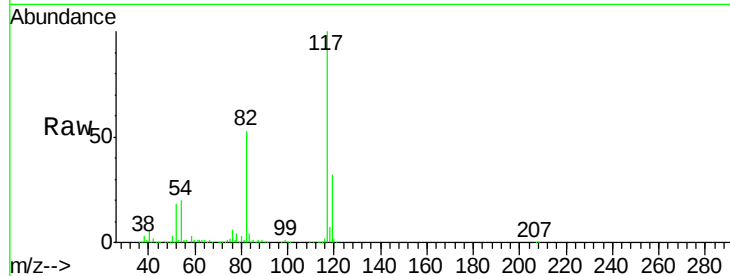




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049331.D
Acq: 17 Jun 2018 00:38

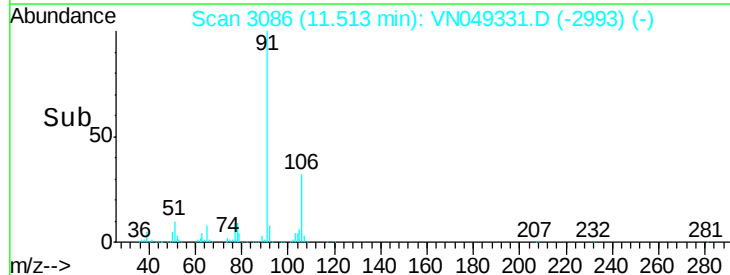
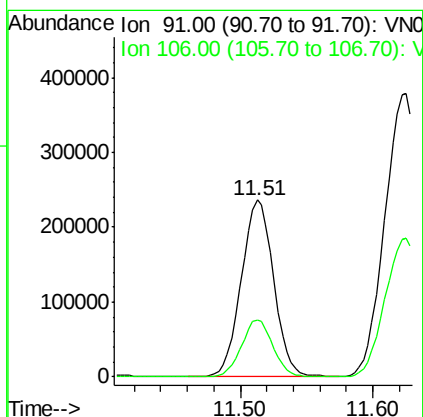
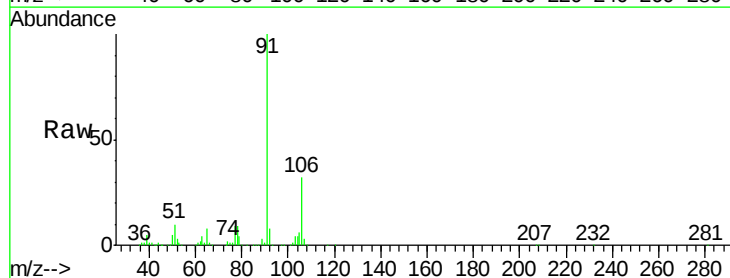
Instrument :
MSVOA_N
ClientSampled :
NW3

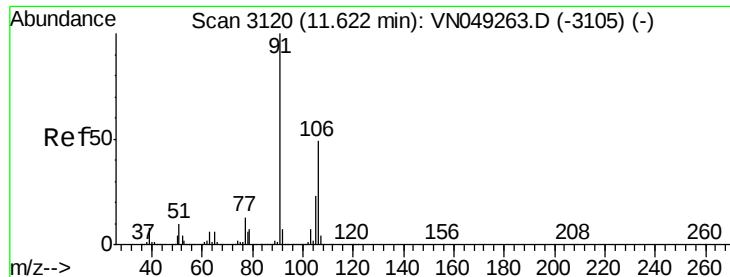
Tot Ion:117 Resp: 1649371
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 5.70 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049331.D
Acq: 17 Jun 2018 00:38

Tgt Ion: 91 Resp: 402036
Ion Ratio Lower Upper
91 100
106 32.5 23.9 35.9

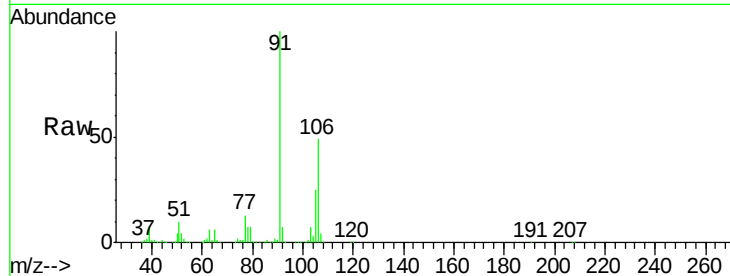




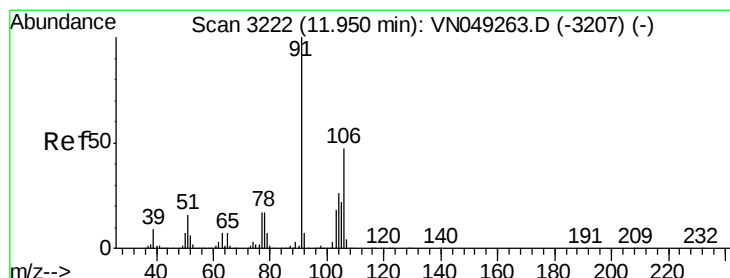
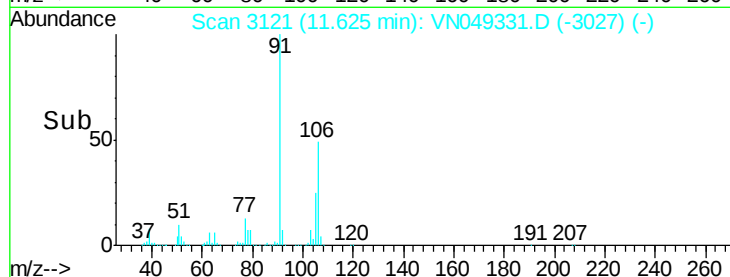
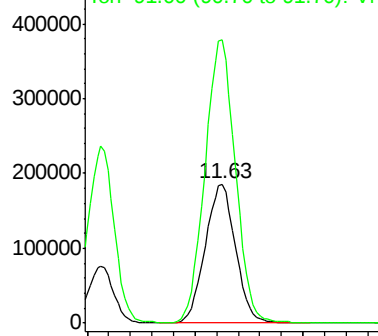
#68
m/p-Xylenes
Concen: 13.77 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049331.D
Acq: 17 Jun 2018 00:38

Instrument :
MSVOA_N
ClientSampled :
NW3

Tot Ion:106 Resp: 364161
Ion Ratio Lower Upper
106 100
91 203.8 167.3 250.9

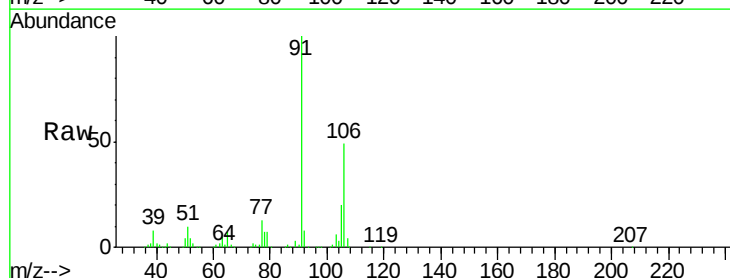


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

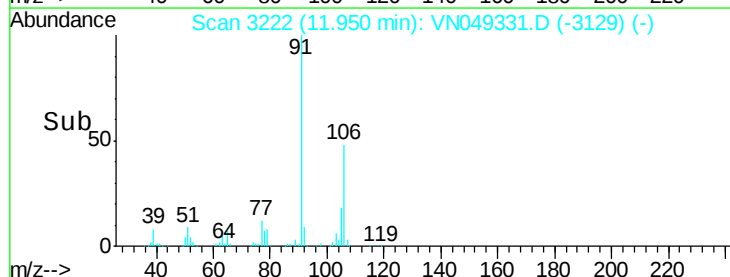
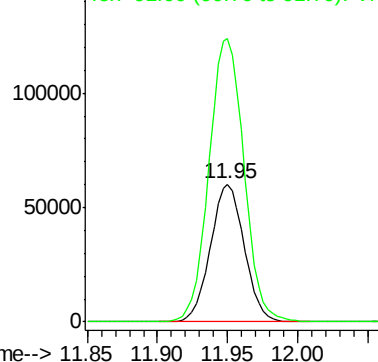


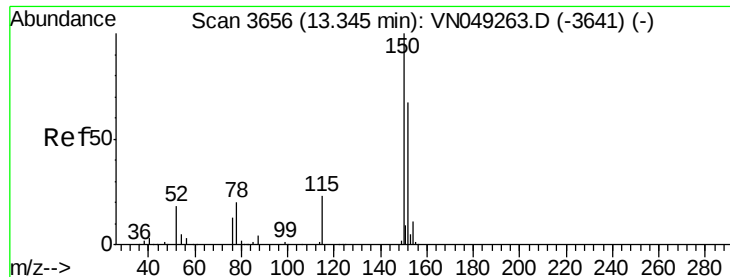
#69
o-Xylene
Concen: 3.98 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049331.D
Acq: 17 Jun 2018 00:38

Tgt Ion:106 Resp: 101359
Ion Ratio Lower Upper
106 100
91 212.7 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049331.D

Acq: 17 Jun 2018 00:38

Instrument :

MSVOA_N

ClientSampleId :

NW3

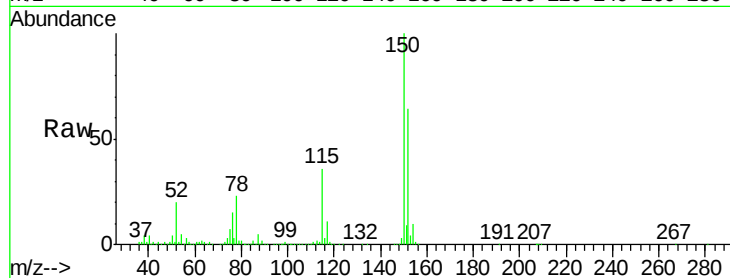
Tot Ion:152 Resp: 540802

Ion Ratio Lower Upper

152 100

115 58.0 28.7 86.1

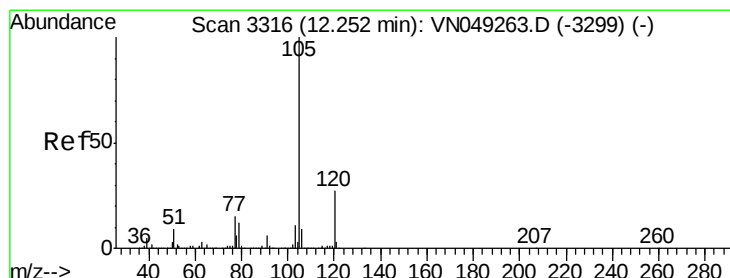
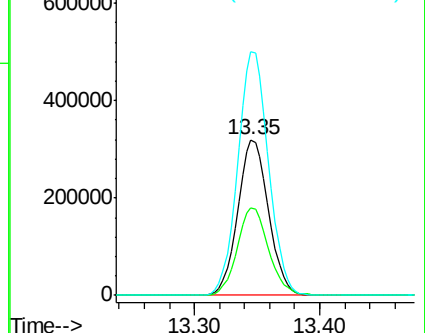
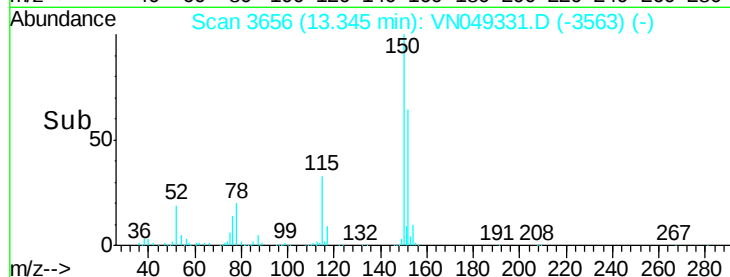
150 156.9 0.0 351.0



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



#73

Isopropylbenzene

Concen: 0.79 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049331.D

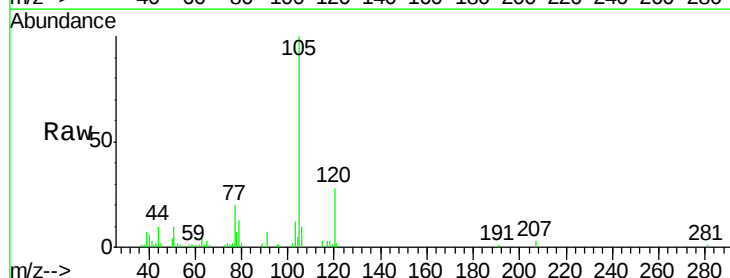
Acq: 17 Jun 2018 00:38

Tgt Ion:105 Resp: 37335

Ion Ratio Lower Upper

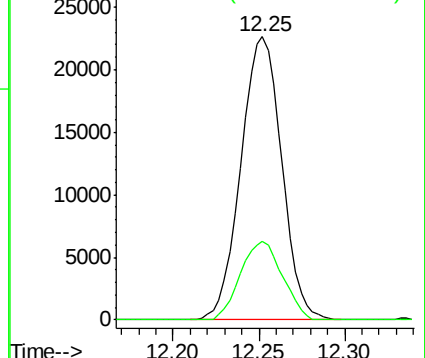
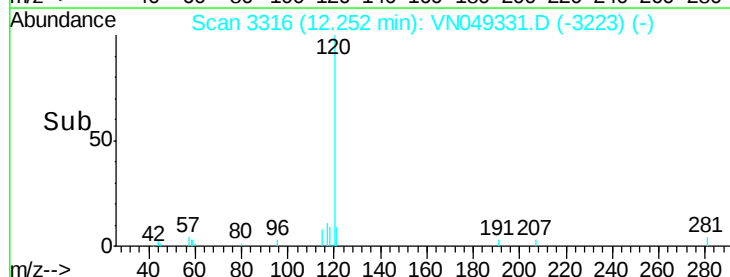
105 100

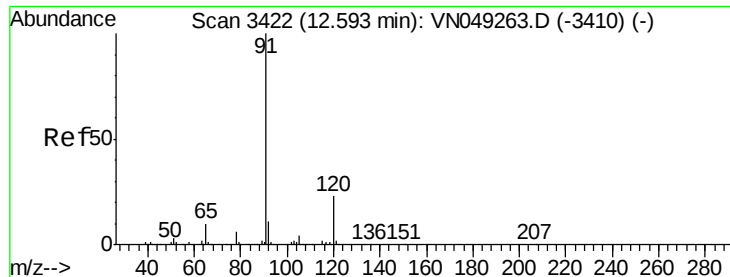
120 28.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.99 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049331.D

Acq: 17 Jun 2018 00:38

Instrument :

MSVOA_N

ClientSampled :

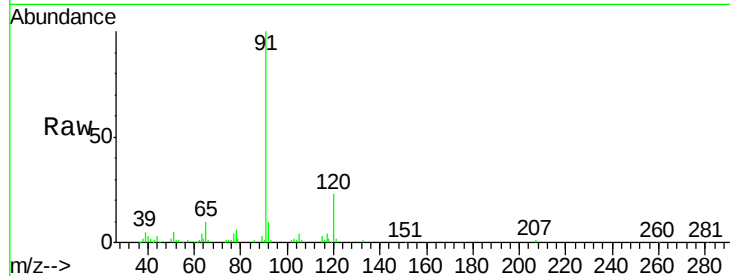
NW3

Tot Ion: 91 Resp: 103537

Ion Ratio Lower Upper

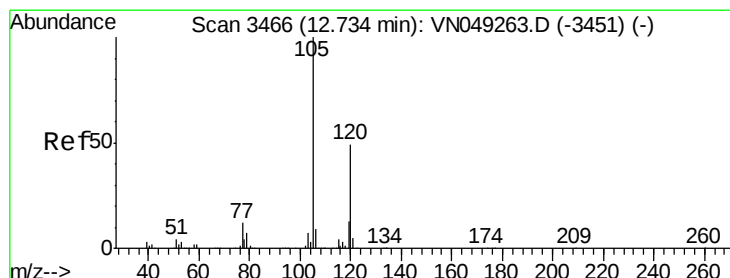
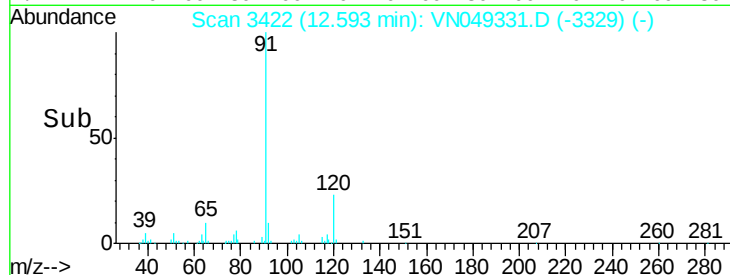
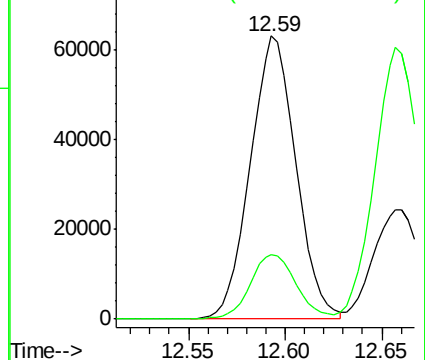
91 100

120 23.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 4.13 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049331.D

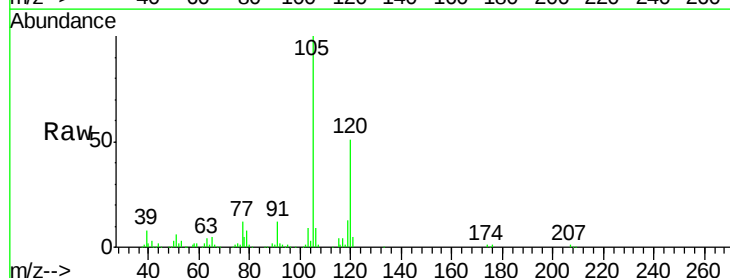
Acq: 17 Jun 2018 00:38

Tgt Ion: 105 Resp: 154079

Ion Ratio Lower Upper

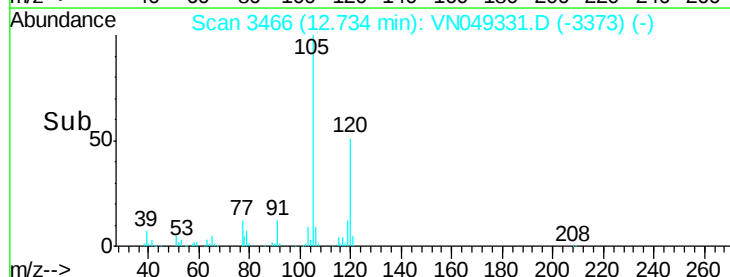
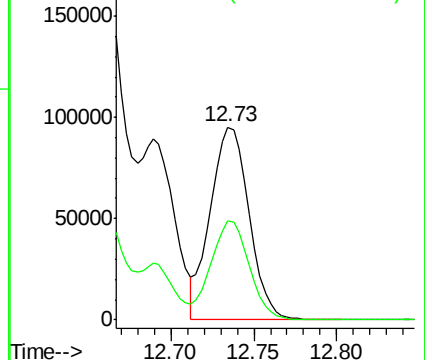
105 100

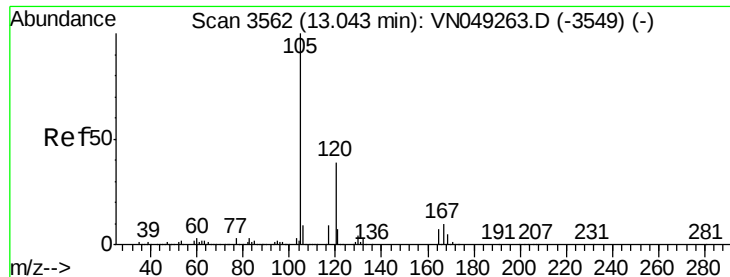
120 50.9 23.5 70.5



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: 15.57 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049331.D

Acq: 17 Jun 2018 00:38

Instrument :

MSVOA_N

ClientSampleId :

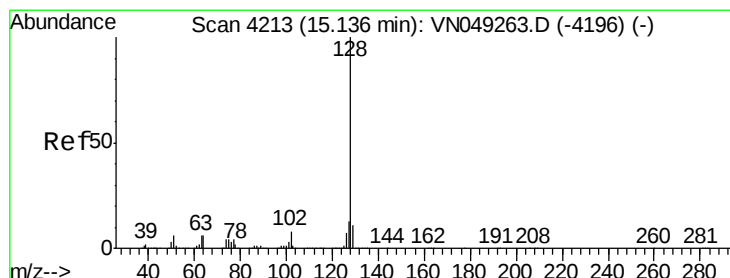
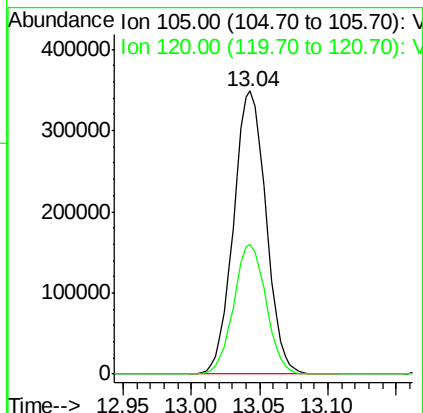
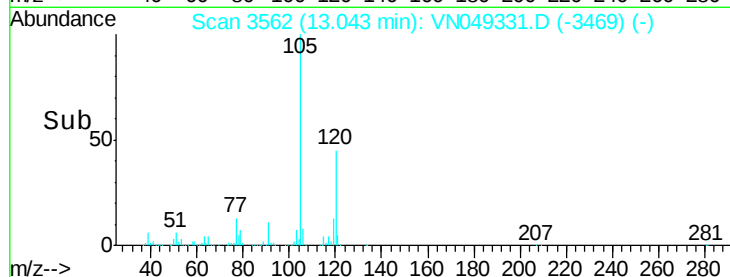
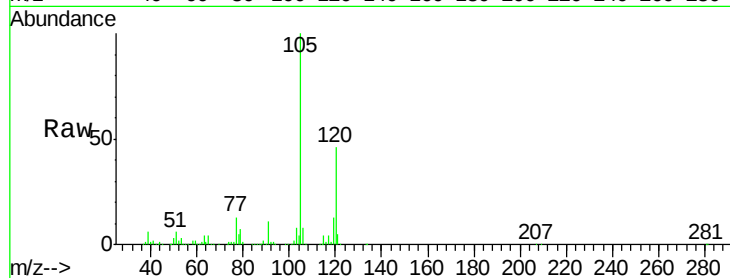
NW3

Tot Ion:105 Resp: 577108

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6



#95

Naphthalene

Concen: 6.05 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049331.D

Acq: 17 Jun 2018 00:38

Tgt Ion:128 Resp: 60139

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.6 8.5 12.7

