

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049345.D
 Acq On : 18 Jun 2018 16:04
 Operator : MD\SY
 Sample : J3435-07 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NW3

Quant Time: Jun 19 13:08:13 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	1835641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2767056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2354483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1028173	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	1163094	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	7.59	113	1020332	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	
50) Toluene-d8	10.09	98	3848797	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.40	95	1215909	43.14	ug/l	0.00
Spiked Amount			Recovery	=	86.28%	

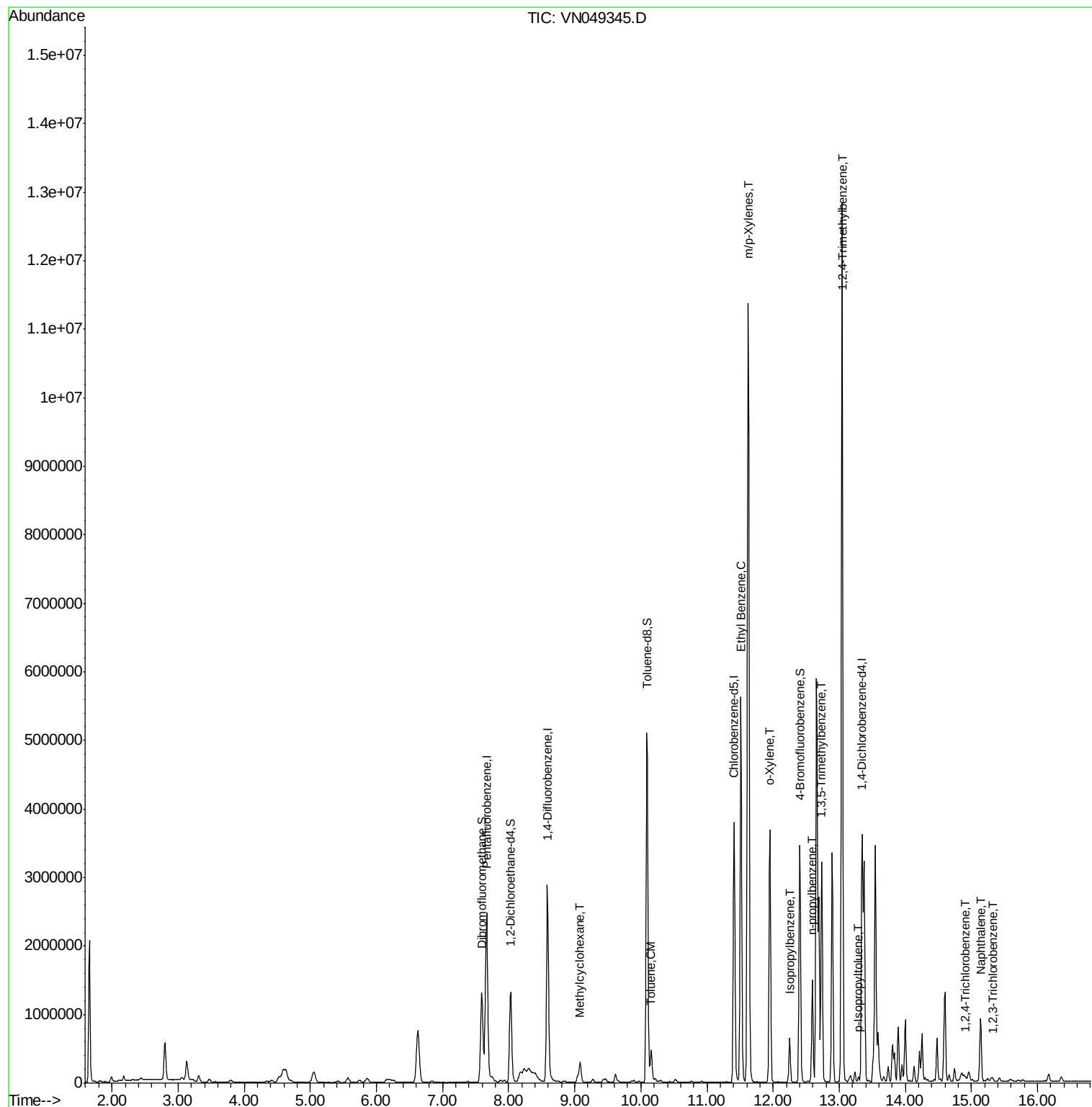
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	125719	3.693	ug/l	99
52) Toluene	10.16	92	188359	3.301	ug/l	100
67) Ethyl Benzene	11.51	91	4203259	41.780	ug/l	98
68) m/p-Xylenes	11.63	106	3858162	102.186	ug/l	97
69) o-Xylene	11.95	106	1038282	28.551	ug/l	95
73) Isopropylbenzene	12.25	105	429357	4.756	ug/l	99
78) n-propylbenzene	12.59	91	1195255	12.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1814193	25.567	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	7194417	102.064	ug/l	98
86) p-Isopropyltoluene	13.29	119	27938	0.400	ug/l #	73
93) 1,2,4-Trichlorobenzene	14.91	180	16320	5.580	ug/l #	88
95) Naphthalene	15.14	128	796955	28.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	16744	4.362	ug/l #	88

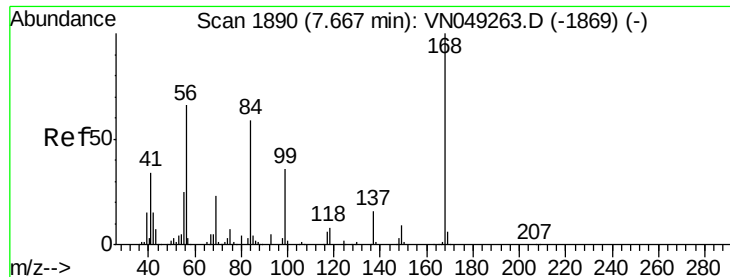
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

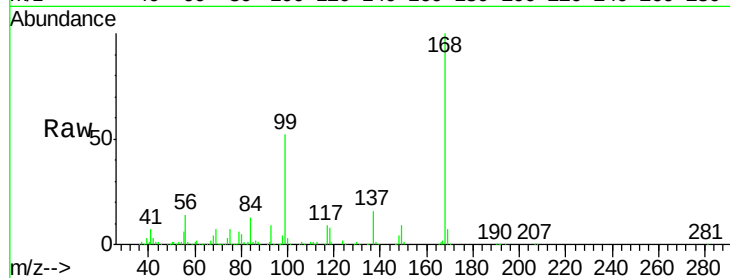
NW3

Tot Ion:168 Resp: 1835641

Ion Ratio Lower Upper

168 100

99 52.1 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

800000

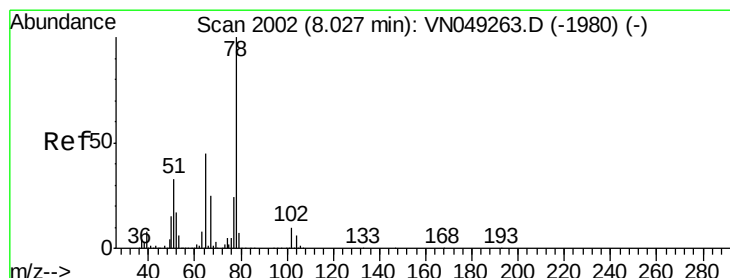
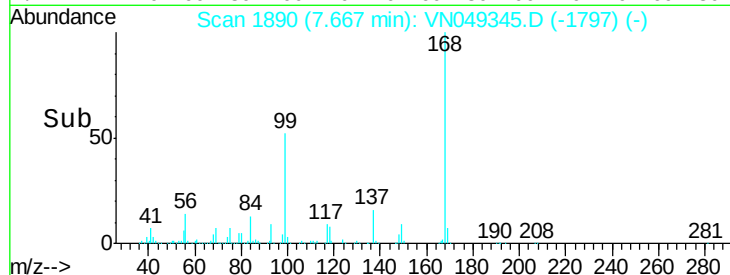
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.772 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049345.D

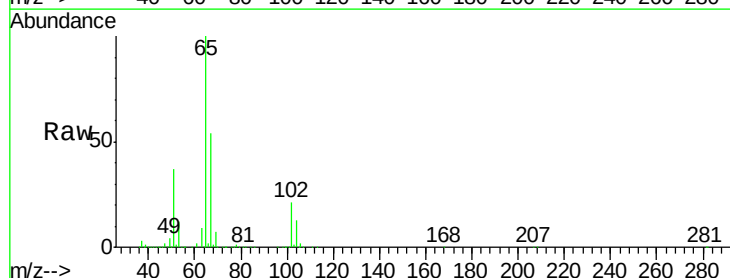
Acq: 18 Jun 2018 16:04

Tgt Ion: 65 Resp: 1163094

Ion Ratio Lower Upper

65 100

67 52.7 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

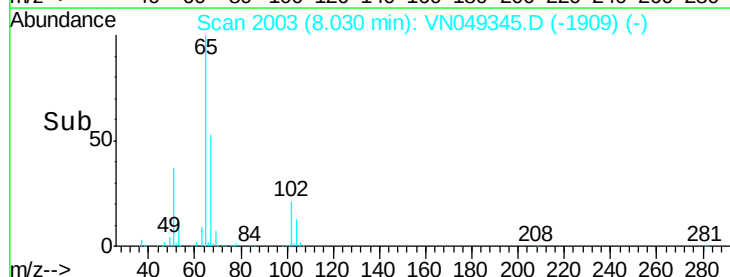
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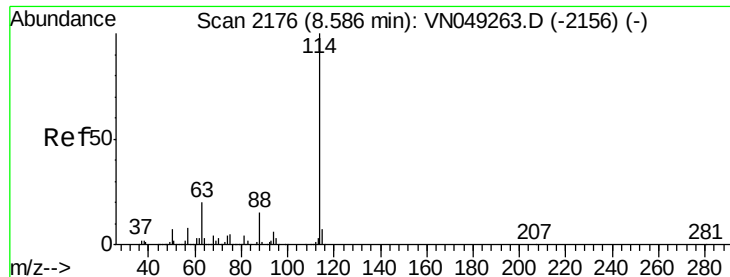
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100000

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Time-->

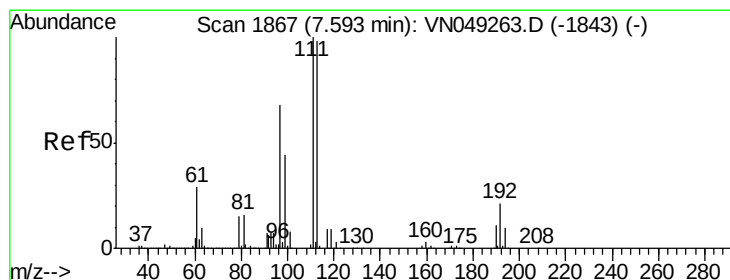
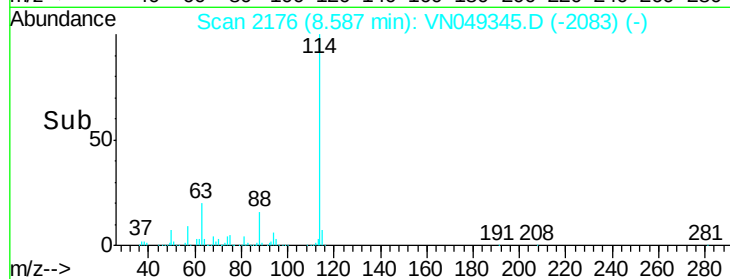
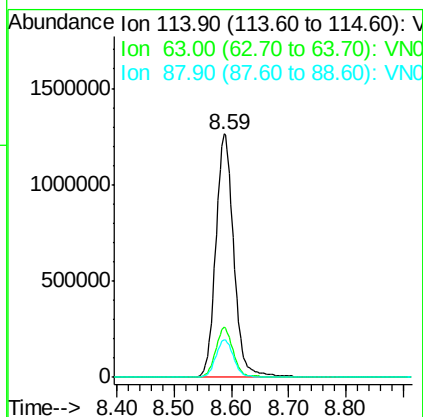
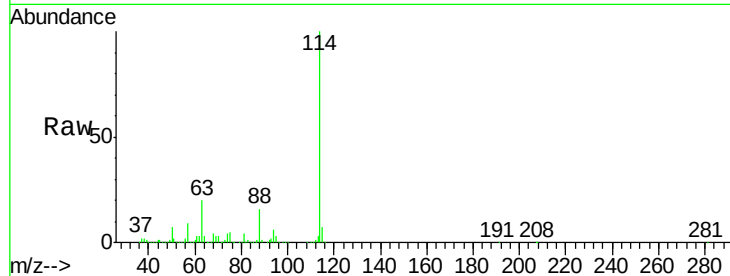




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049345.D
 Acq: 18 Jun 2018 16:04

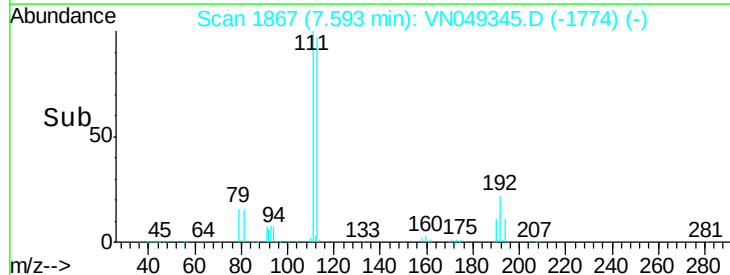
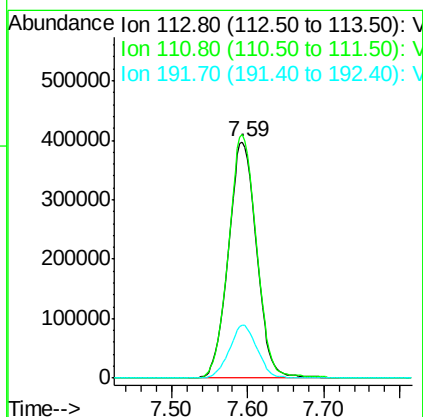
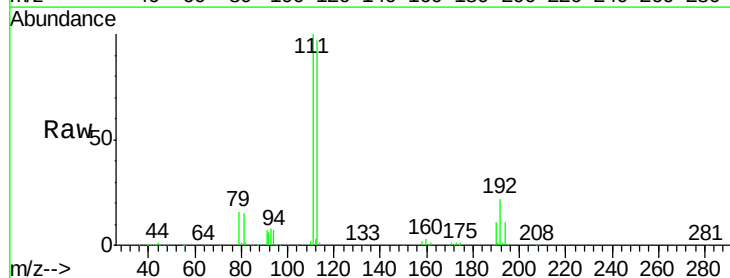
Instrument :
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 ClientSampleId :
 NW3

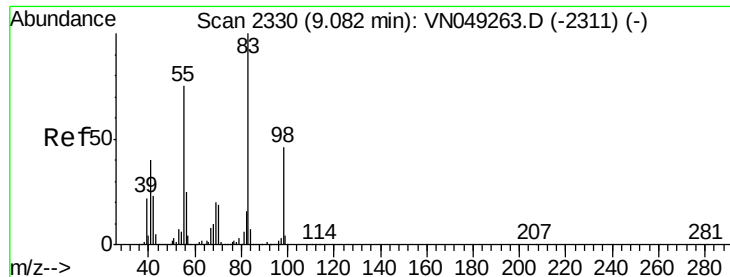
Tot Ion:114 Resp: 2767056
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.4
 88 15.6 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.578 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049345.D
 Acq: 18 Jun 2018 16:04

Tgt Ion:113 Resp: 1020332
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 22.2 15.0 22.6

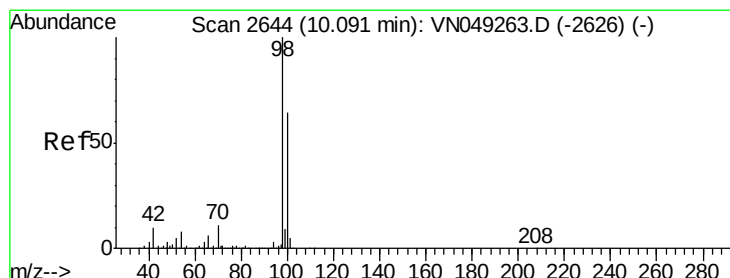
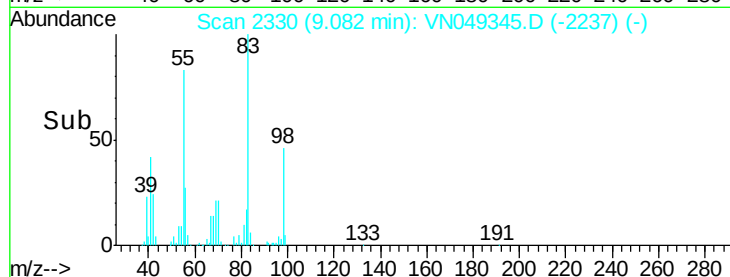
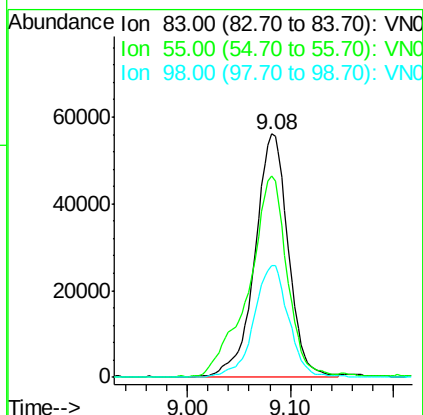
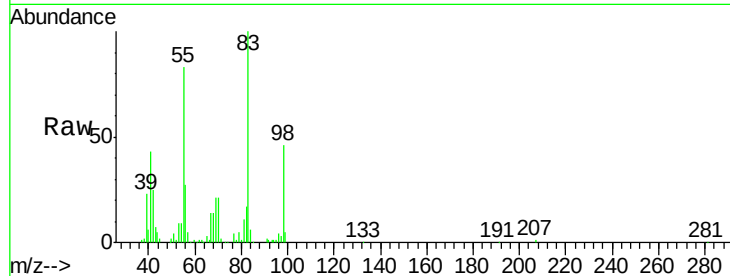




#39
Methylcyclohexane
Concen: 3.693 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

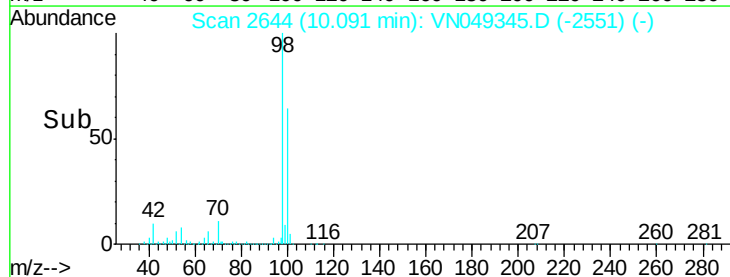
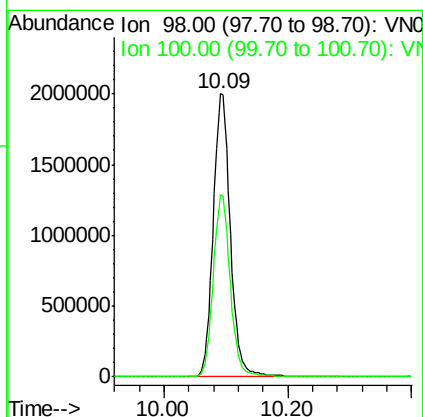
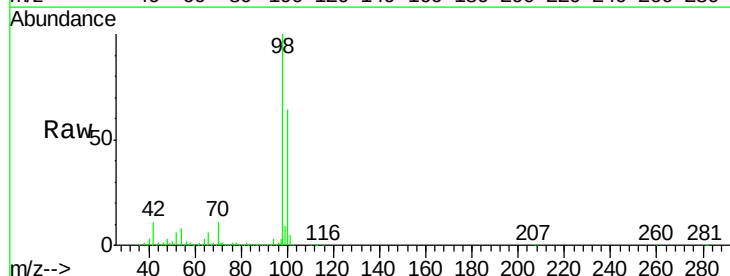
Instrument :
MSVOA_N
ClientSampled :
NW3

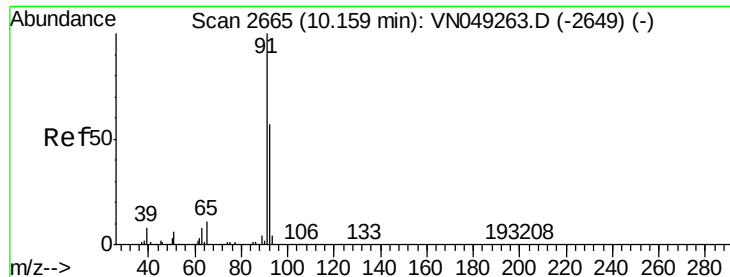
Tot Ion: 83 Resp: 125719
Ion Ratio Lower Upper
83 100
55 82.6 65.1 97.7
98 45.7 36.5 54.7



#50
Toluene-d8
Concen: 45.152 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion: 98 Resp: 3848797
Ion Ratio Lower Upper
98 100
100 64.2 49.8 74.8





#52

Toluene

Concen: 3.301 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

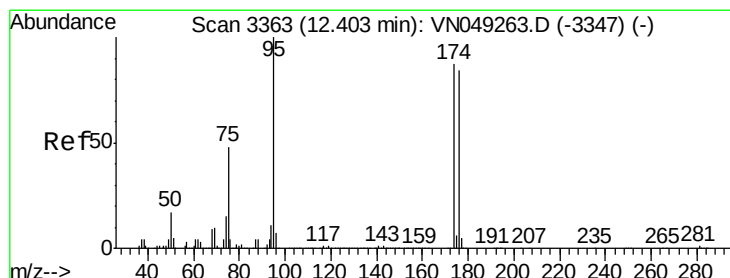
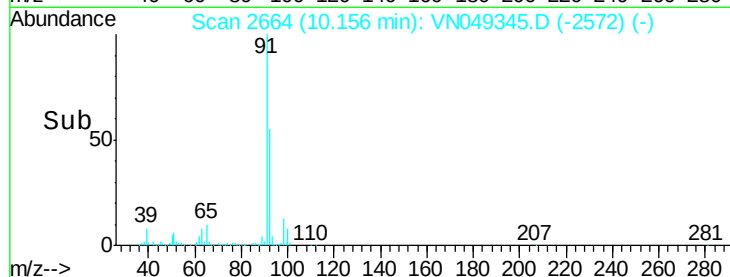
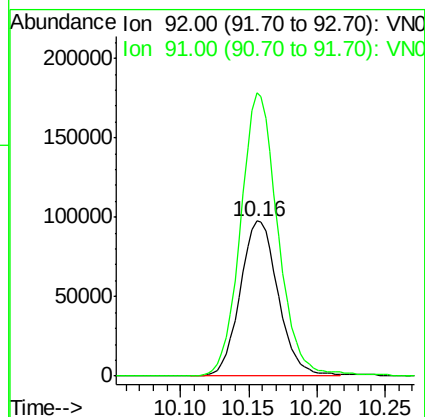
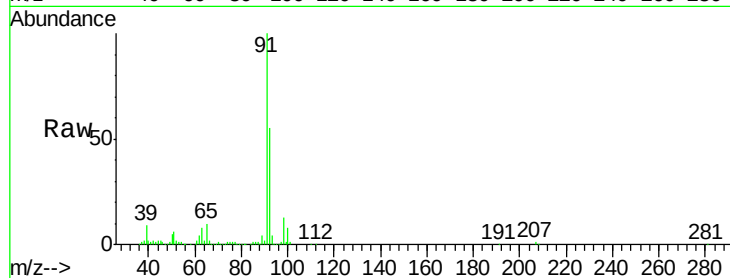
NW3

Tot Ion: 92 Resp: 188359

Ion Ratio Lower Upper

92 100

91 178.9 143.4 215.2



#62

4-Bromofluorobenzene

Concen: 43.140 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

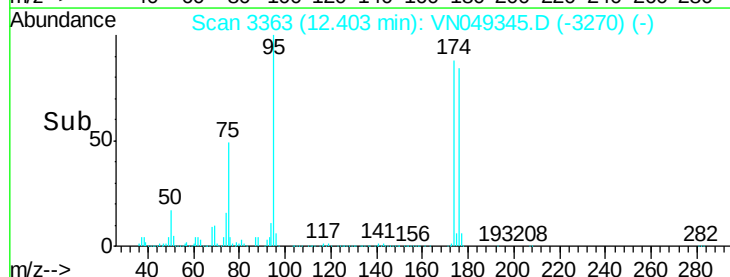
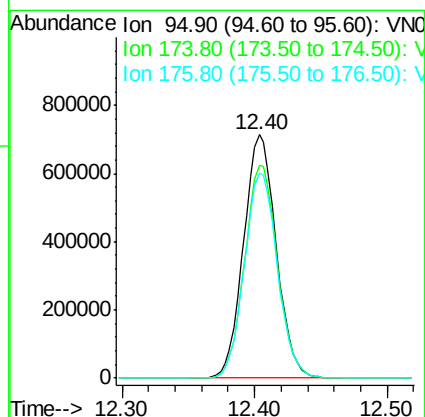
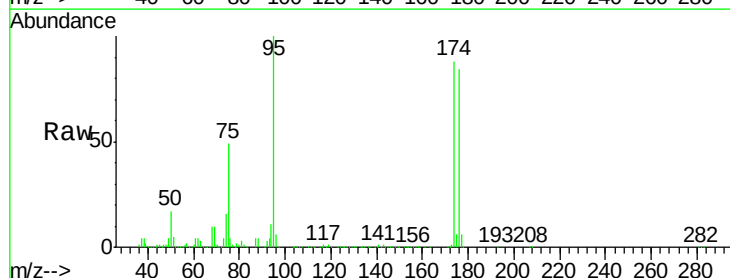
Tgt Ion: 95 Resp: 1215909

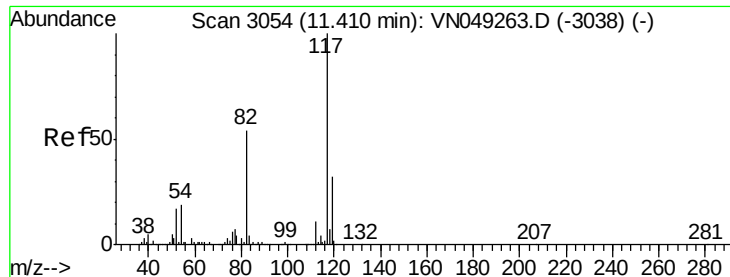
Ion Ratio Lower Upper

95 100

174 88.5 0.0 165.6

176 85.6 0.0 157.4

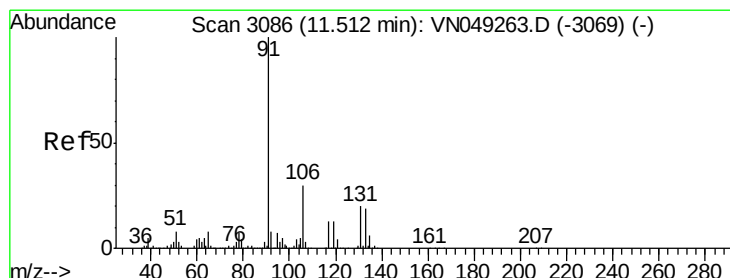
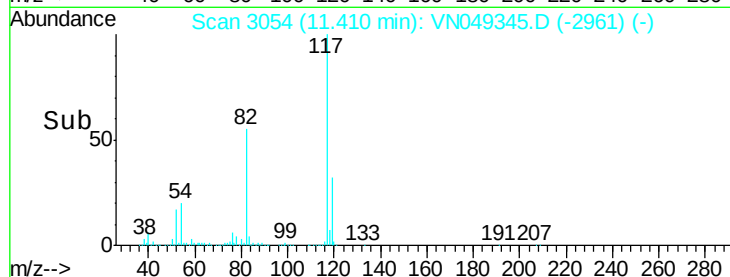
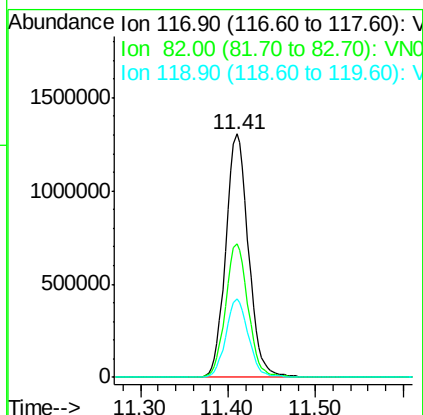
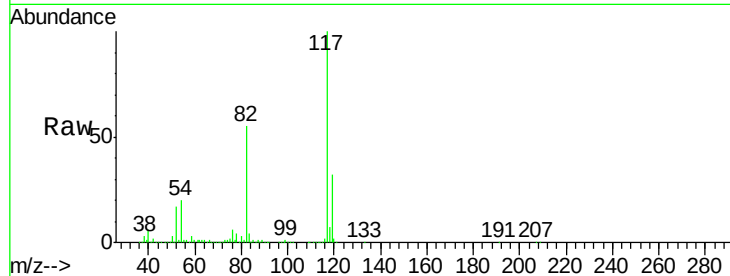




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

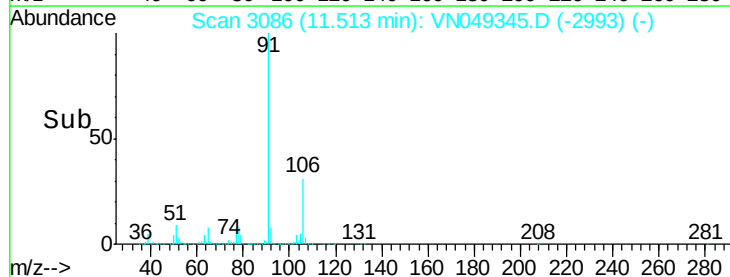
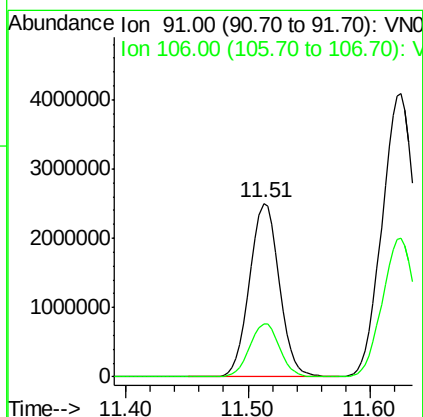
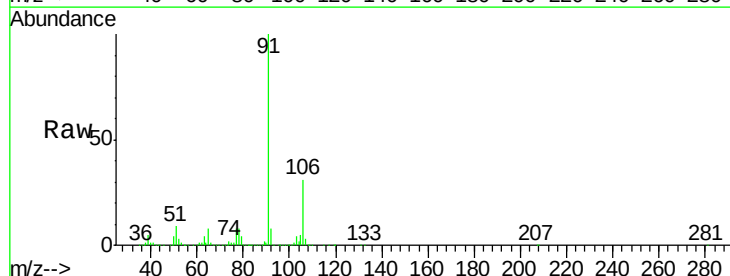
Instrument :
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ClientSampleId :
NW3

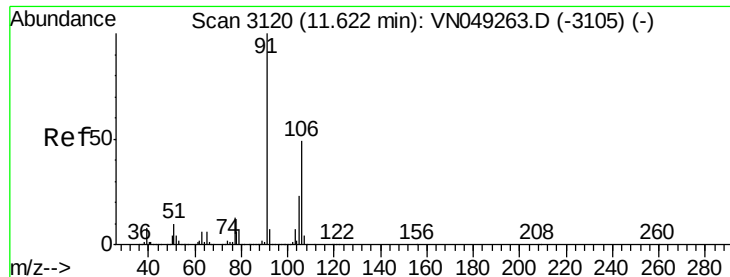
Tot Ion:117 Resp: 2354483
Ion Ratio Lower Upper
117 100
82 54.6 45.9 68.9
119 32.0 25.5 38.3



#67
Ethyl Benzene
Concen: 41.780 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion: 91 Resp: 4203259
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9

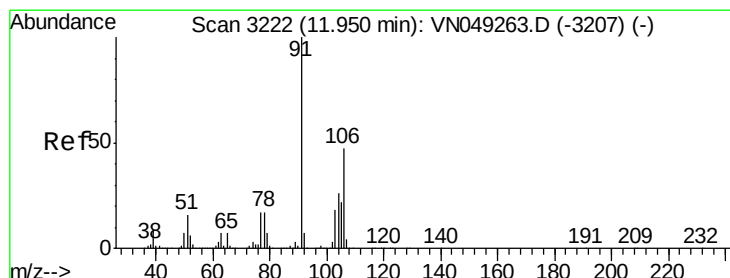
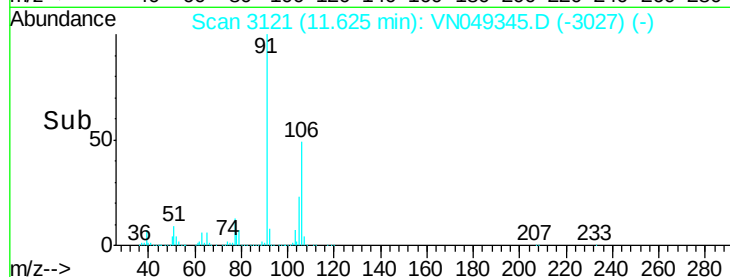
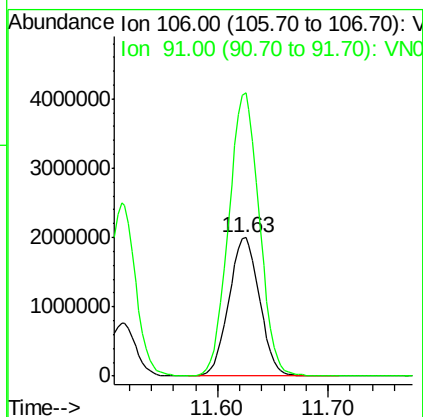
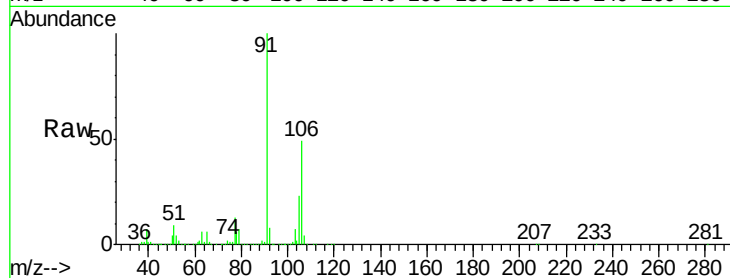




#68
m/p-Xylenes
Concen: 102.186 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

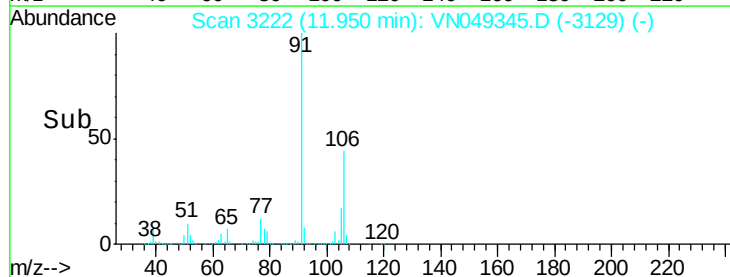
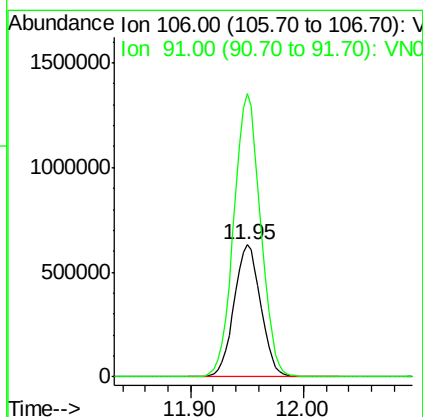
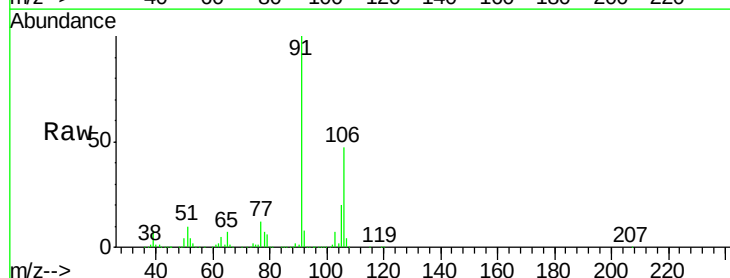
Instrument :
MSVOA_N
ClientSampled :
NW3

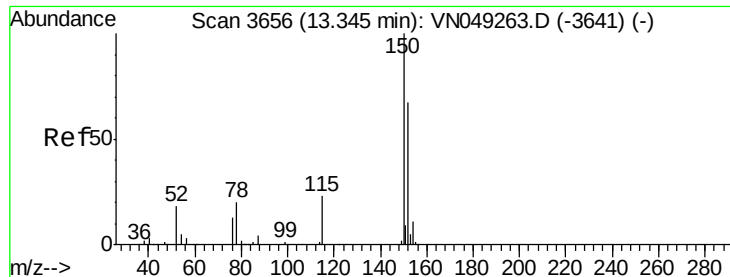
Tot Ion:106 Resp: 3858162
Ion Ratio Lower Upper
106 100
91 204.4 167.3 250.9



#69
o-Xylene
Concen: 28.551 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion:106 Resp: 1038282
Ion Ratio Lower Upper
106 100
91 214.4 111.0 333.0



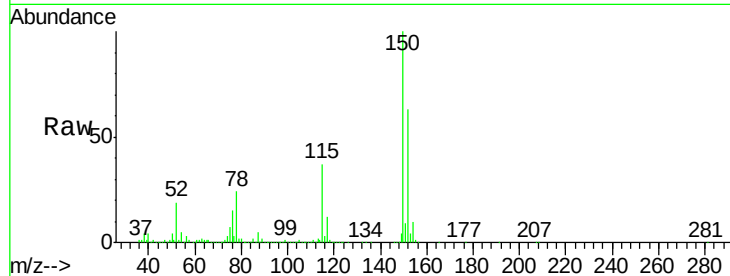


#72

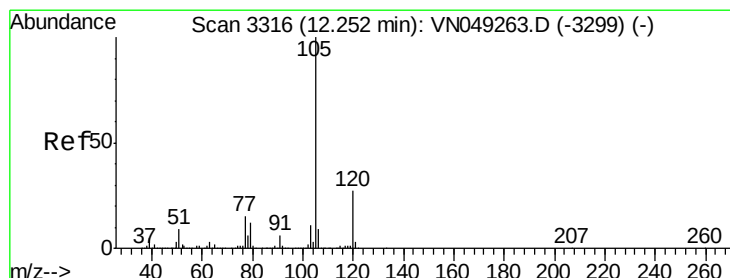
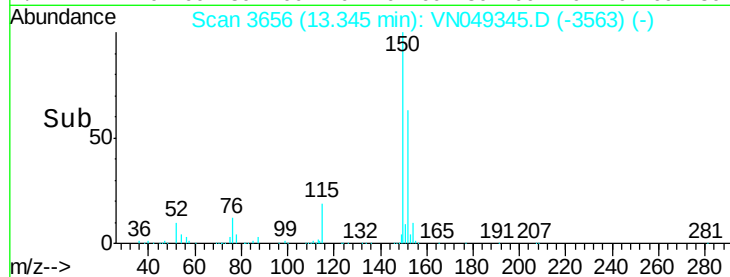
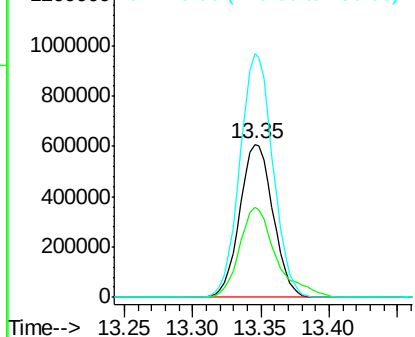
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Instrument :
MSVOA_N
ClientSampled :
NW3

Tot Ion:152 Resp: 1028173
Ion Ratio Lower Upper
152 100
115 64.2 28.7 86.1
150 157.8 0.0 351.0



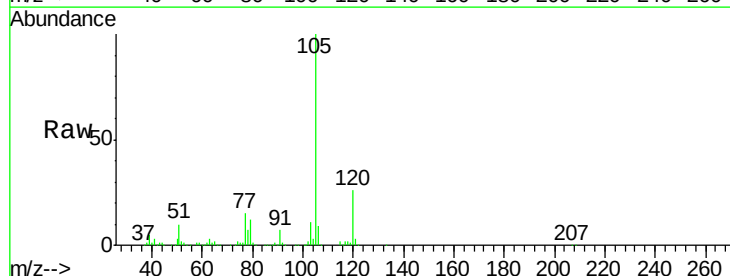
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



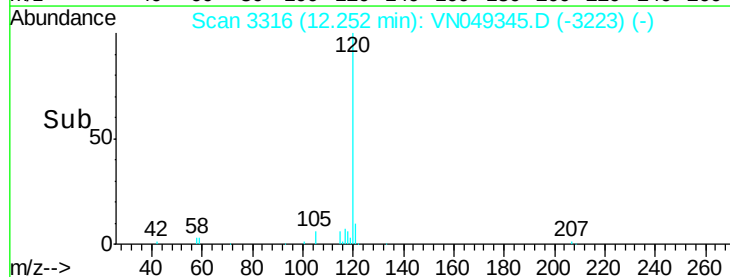
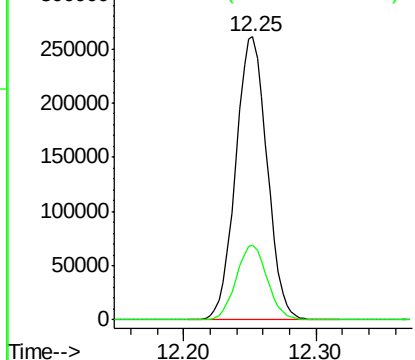
#73

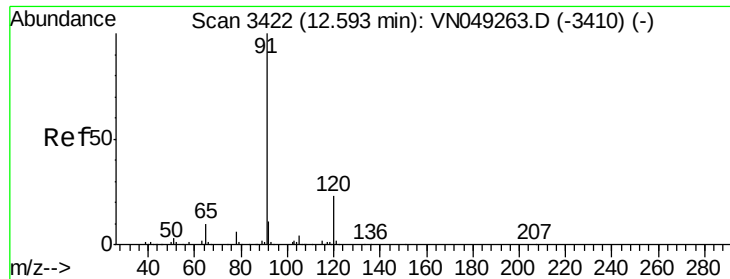
Isopropylbenzene
Concen: 4.756 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049345.D
Acq: 18 Jun 2018 16:04

Tgt Ion:105 Resp: 429357
Ion Ratio Lower Upper
105 100
120 26.2 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: 12.058 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

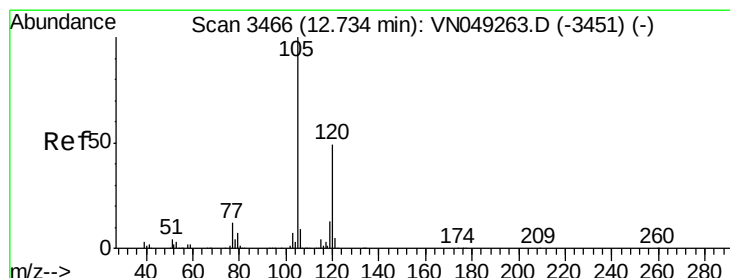
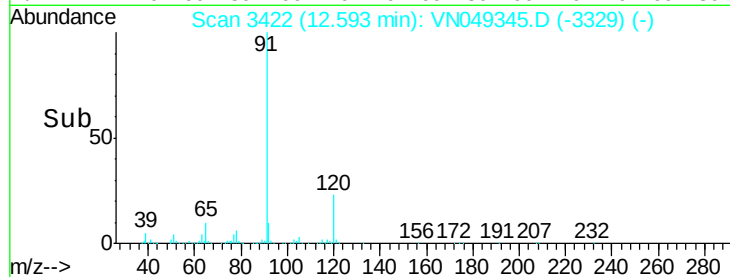
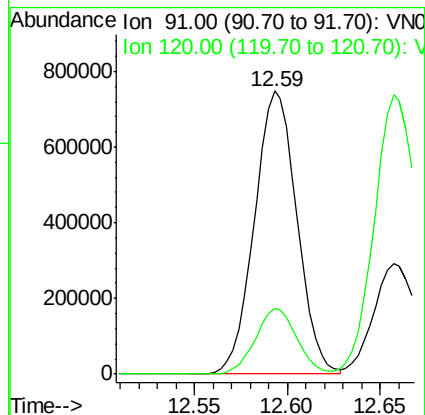
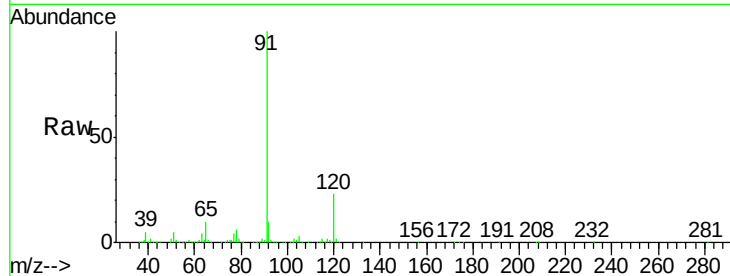
NW3

Tot Ion: 91 Resp: 1195255

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5



#80

1,3,5-Trimethylbenzene

Concen: 25.567 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049345.D

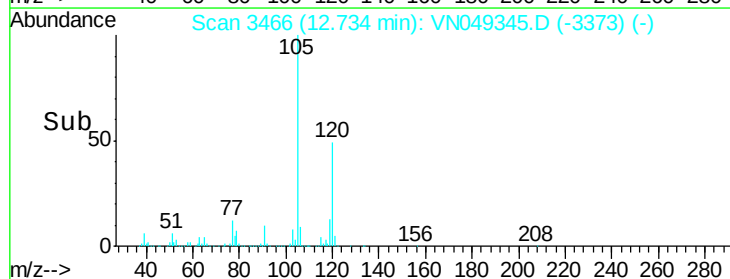
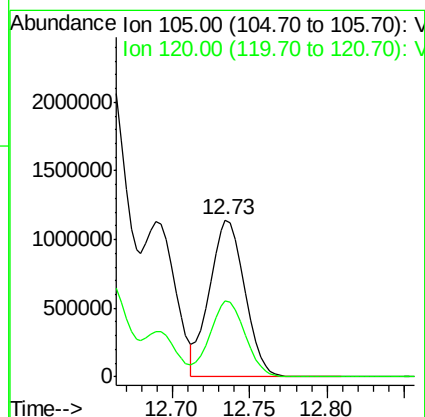
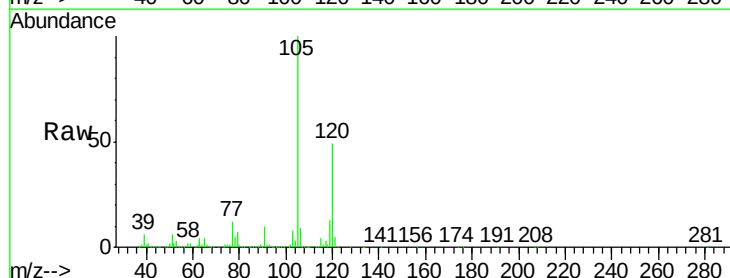
Acq: 18 Jun 2018 16:04

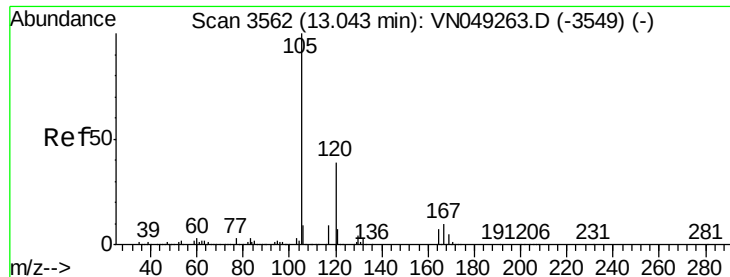
Tgt Ion: 105 Resp: 1814193

Ion Ratio Lower Upper

105 100

120 48.3 23.5 70.5





#84

1,2,4-Trimethylbenzene

Concen: 102.064 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

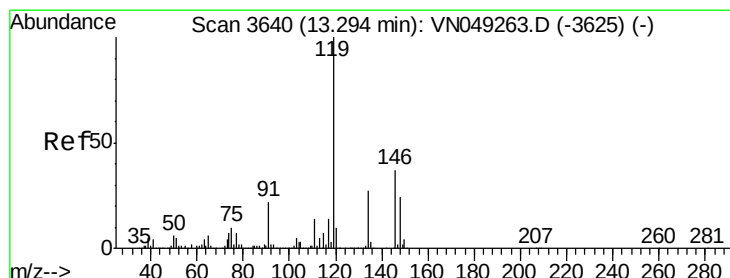
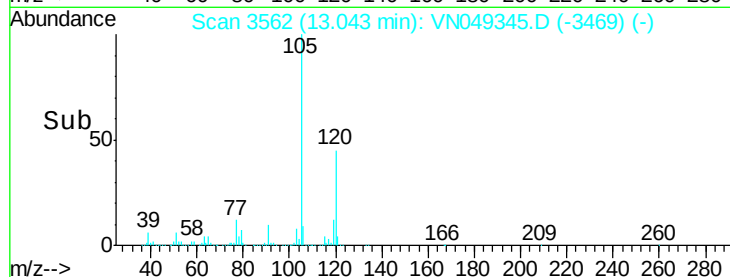
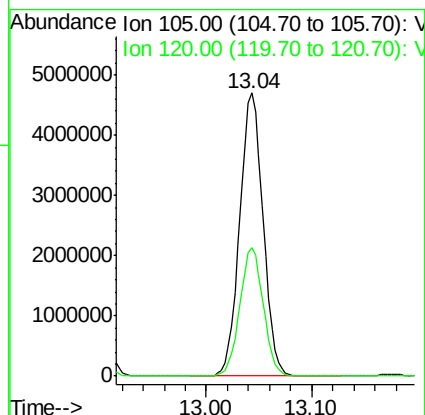
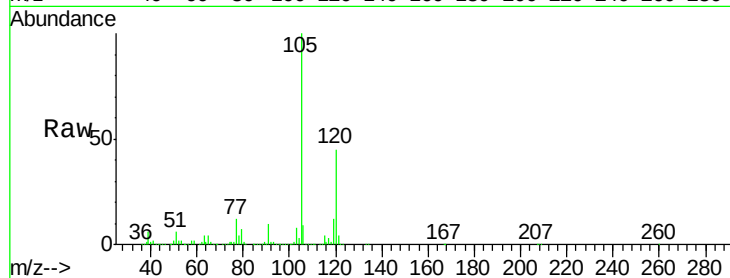
NW3

Tot Ion:105 Resp: 7194417

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6



#86

p-Isopropyltoluene

Concen: 0.400 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

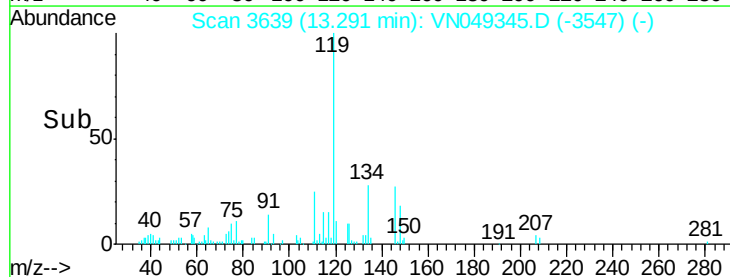
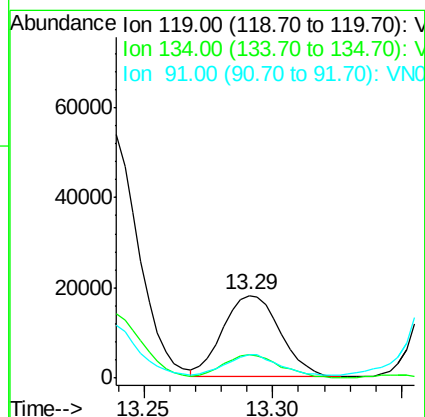
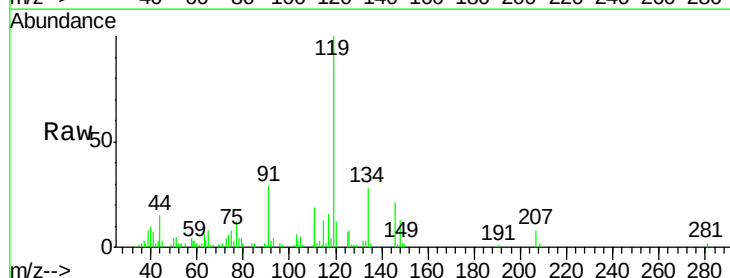
Tgt Ion:119 Resp: 27938

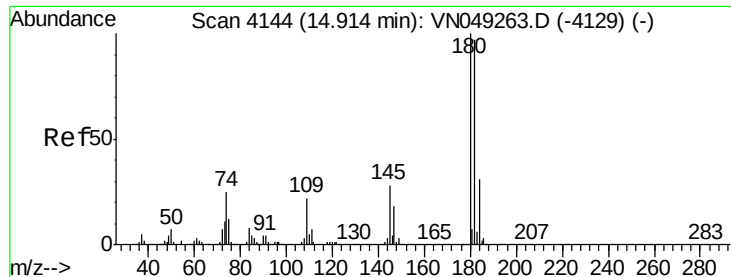
Ion Ratio Lower Upper

119 100

134 28.9 12.9 38.6

91 0.0 12.1 36.3#





#93

1,2,4-Trichlorobenzene

Concen: 5.580 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

NW3

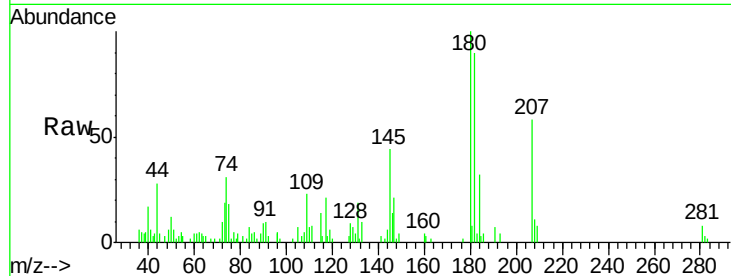
Tot Ion:180 Resp: 16320

Ion Ratio Lower Upper

180 100

182 89.4 46.9 140.8

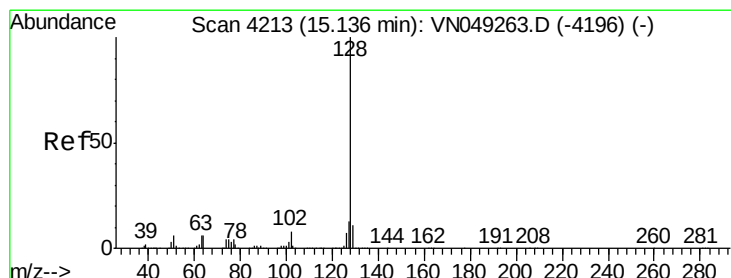
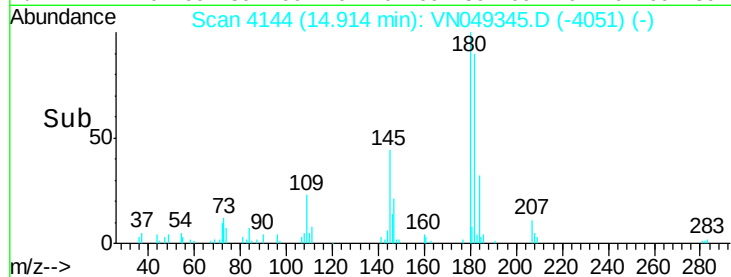
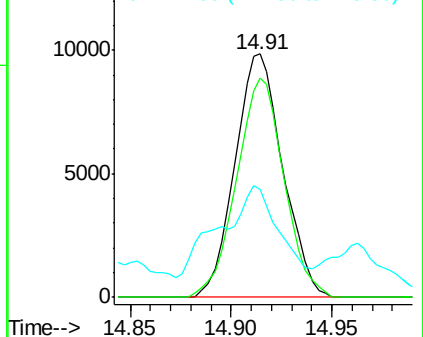
145 47.9 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 28.025 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049345.D

Acq: 18 Jun 2018 16:04

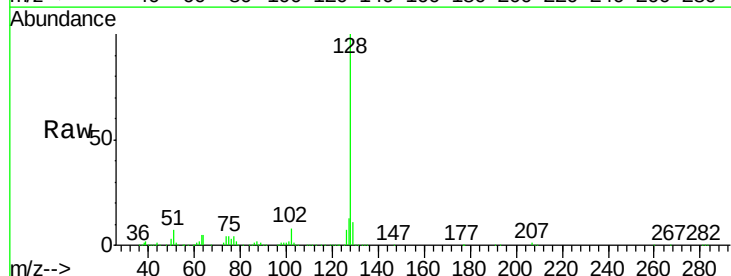
Tgt Ion:128 Resp: 796955

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

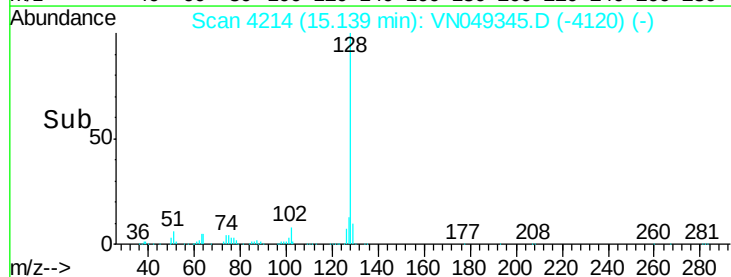
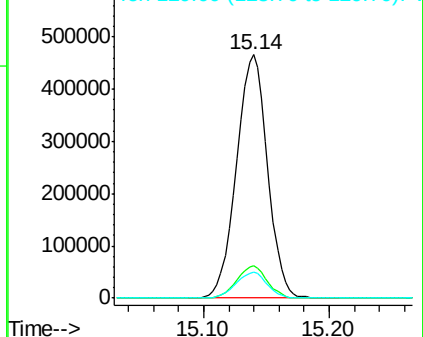
129 10.5 8.5 12.7

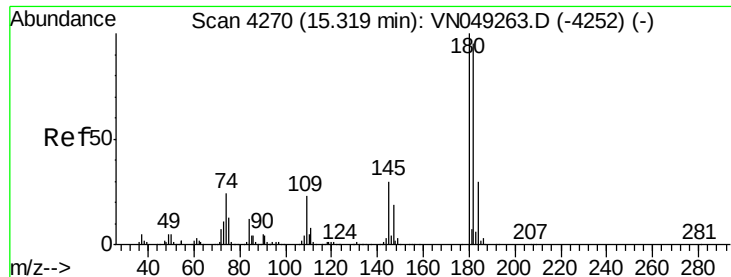


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

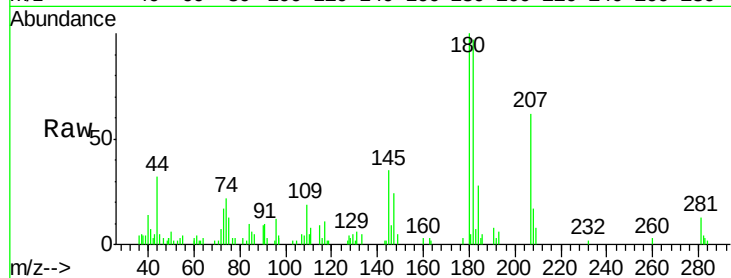




#96
 1,2,3-Trichlorobenzene
 Concen: 4.362 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049345.D
 Acq: 18 Jun 2018 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 NW3

Tot Ion:180 Resp: 16744
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.3 141.8
 145 55.0 15.6 46.7#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

