

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050817.D
 Acq On : 22 Aug 2018 14:13
 Operator : MD\SY
 Sample : J4510-01DL 10X
 Misc : 6.99g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WC4-UST-0818DL

Quant Time: Aug 23 09:48:43 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	713278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1107567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1031612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	440000	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	441501	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
35) Dibromofluoromethane	7.59	113	422969	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	10.09	98	1602229	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.40	95	563552	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	

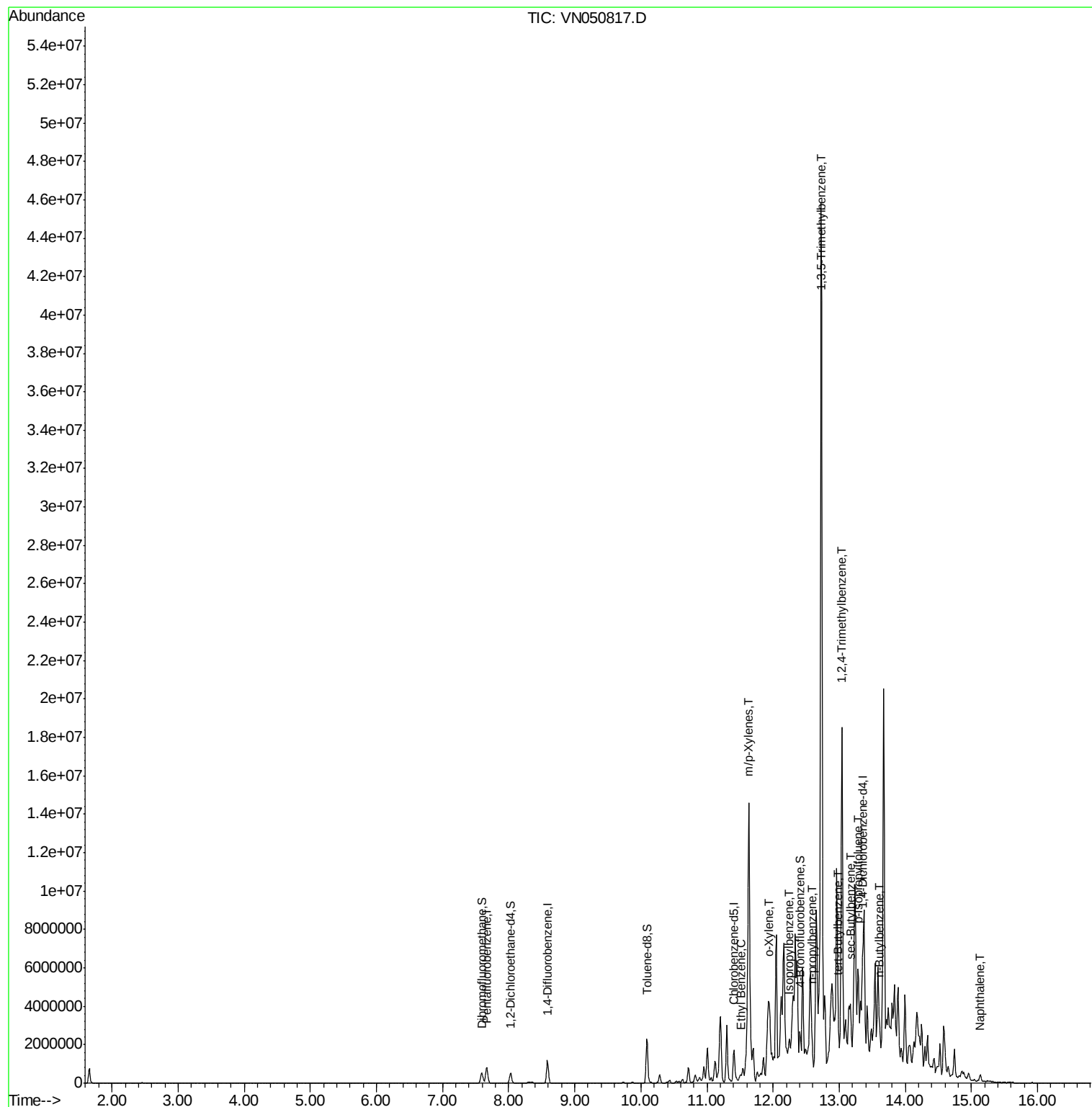
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	11.51	91	196906	4.49	ug/l	98
68) m/p-Xylenes	11.62	106	1090192	65.52	ug/l	98
69) o-Xylene	11.95	106	688572	43.04	ug/l	96
73) Isopropylbenzene	12.25	105	468823	12.87	ug/l	100
78) n-propylbenzene	12.59	91	1183672	29.08	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3644596	123.97	ug/l	99
83) tert-Butylbenzene	12.99	119	108707	4.27	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	9373288	316.97	ug/l	99
85) sec-Butylbenzene	13.17	105	897166	26.89	ug/l #	77
86) p-Isopropyltoluene	13.29	119	571703	20.11	ug/l	100
89) n-Butylbenzene	13.62	91	725680	31.92	ug/l #	75
95) Naphthalene	15.13	128	309146	21.09	ug/l	99

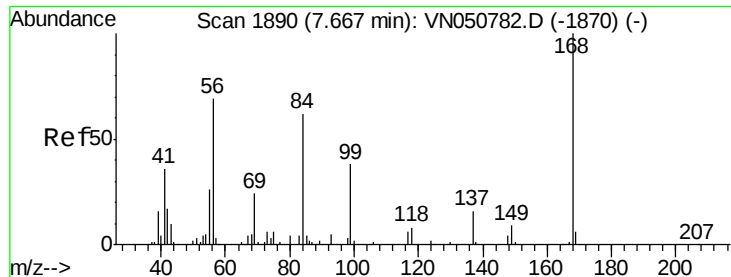
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050817.D

Acq: 22 Aug 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

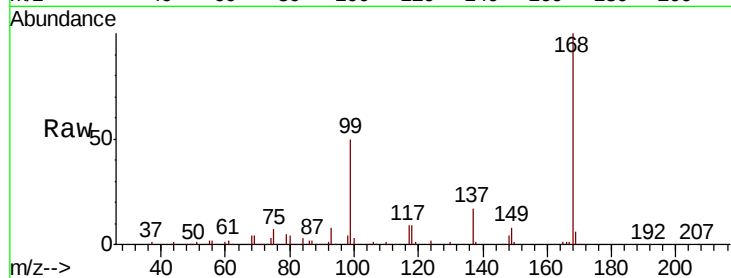
EP1-WC4-UST-0818DL

Tot Ion:168 Resp: 713278

Ion Ratio Lower Upper

168 100

99 50.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

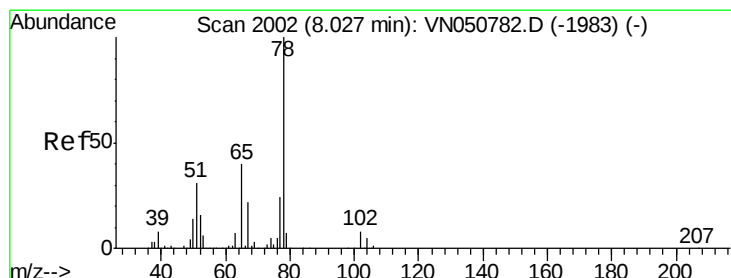
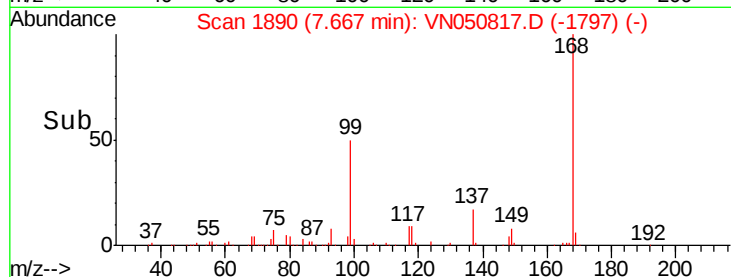
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.42 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050817.D

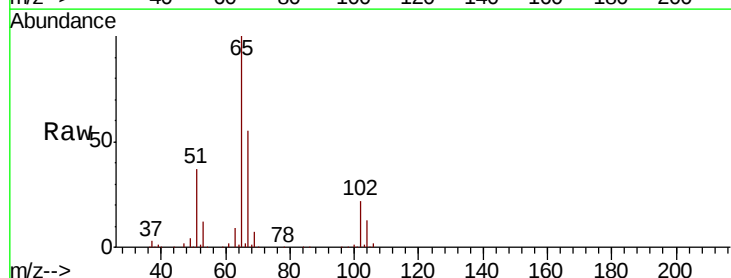
Acq: 22 Aug 2018 14:13

Tgt Ion: 65 Resp: 441501

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

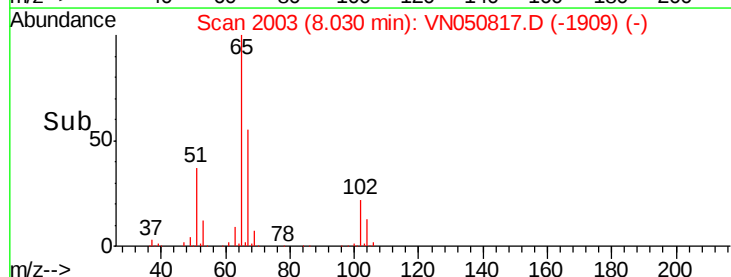
150000

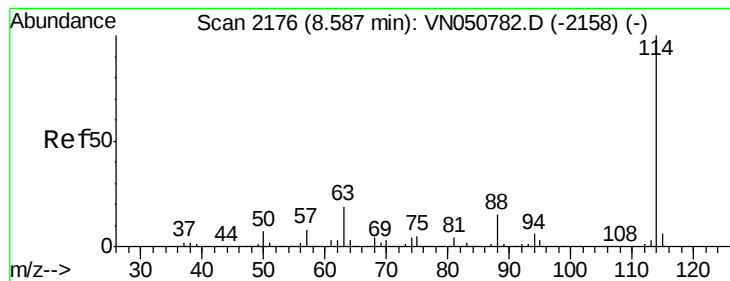
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050817.D

Acq: 22 Aug 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818DL

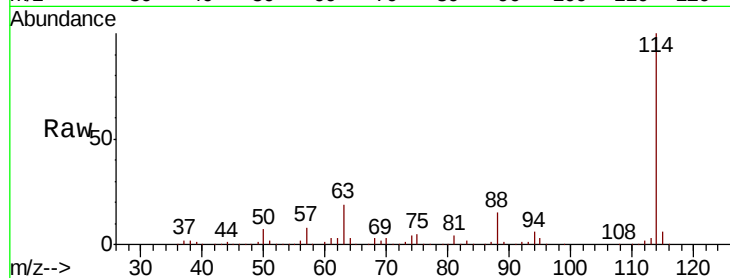
Tot Ion:114 Resp: 1107567

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

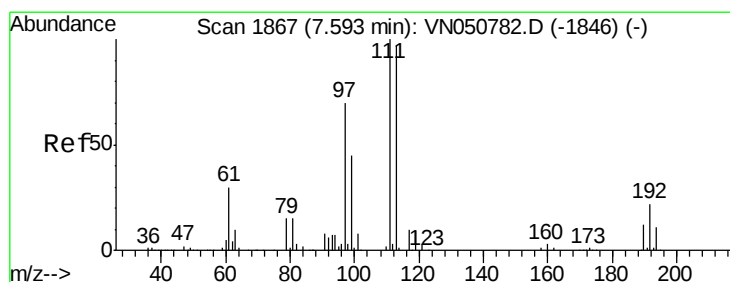
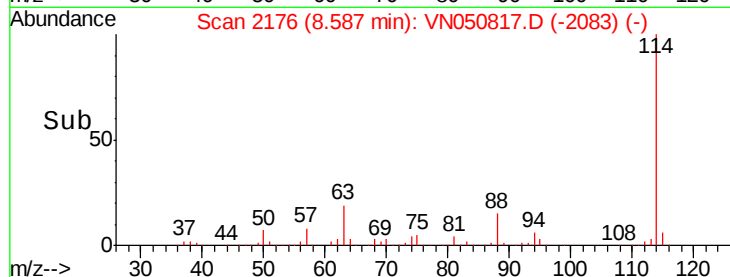
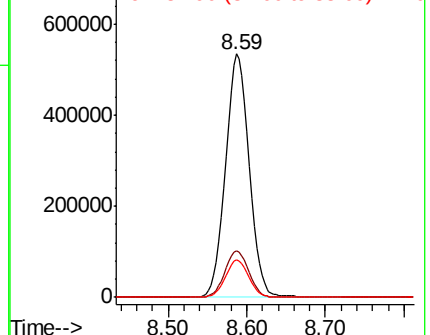
88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.00 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050817.D

Acq: 22 Aug 2018 14:13

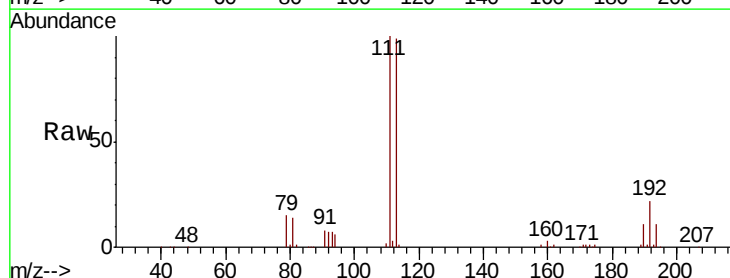
Tgt Ion:113 Resp: 422969

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

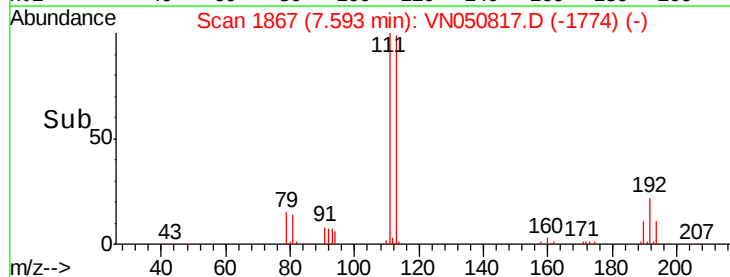
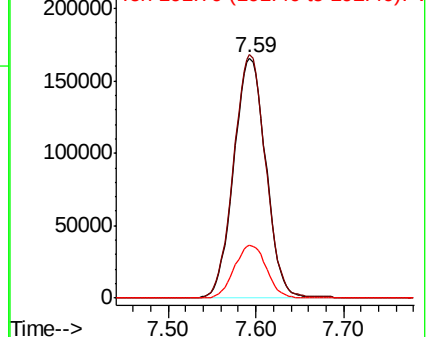
192 22.1 18.0 27.0

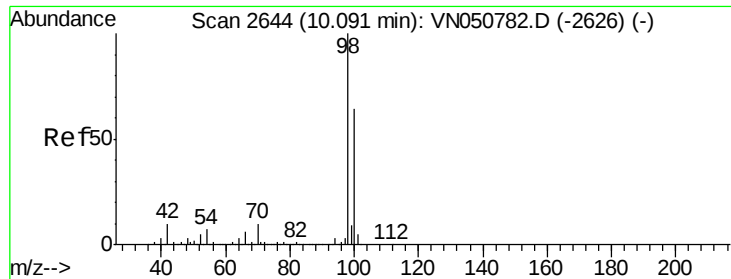


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.64 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050817.D

Acq: 22 Aug 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

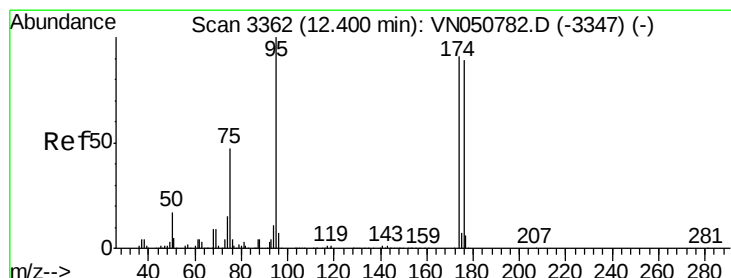
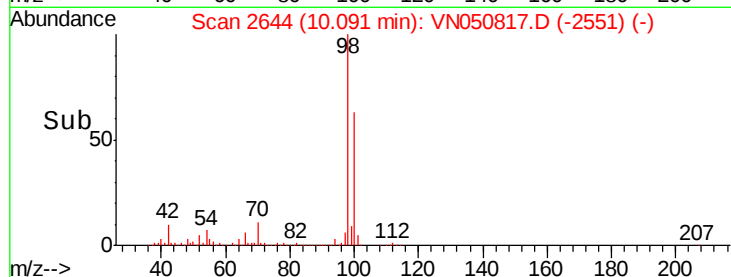
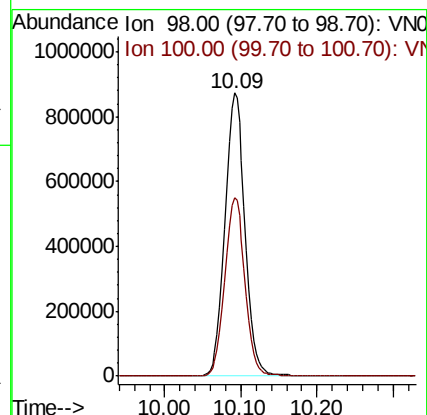
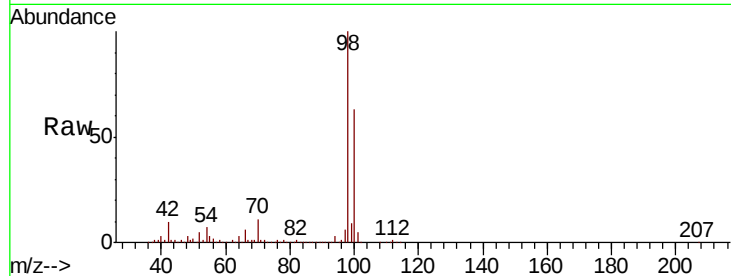
EP1-WC4-UST-0818DL

Tot Ion: 98 Resp: 1602229

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.48 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN050817.D

Acq: 22 Aug 2018 14:13

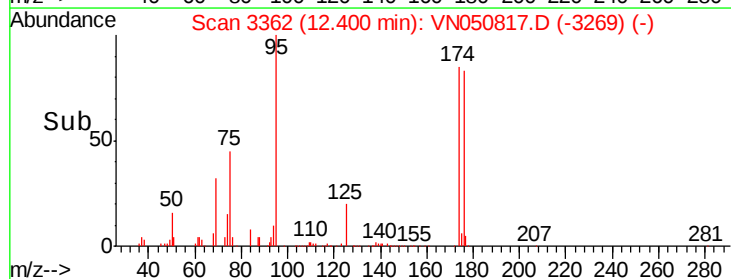
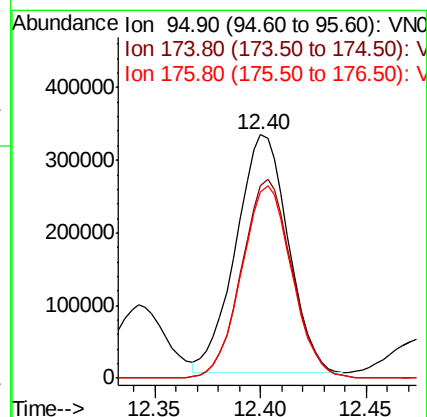
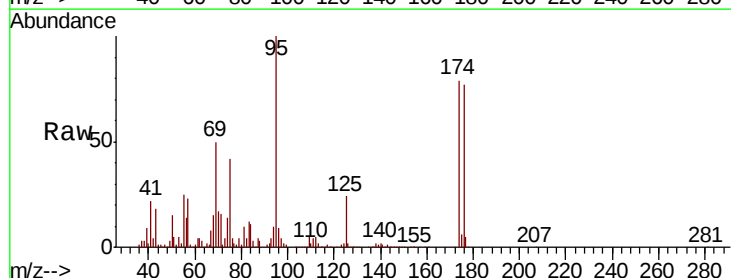
Tgt Ion: 95 Resp: 563552

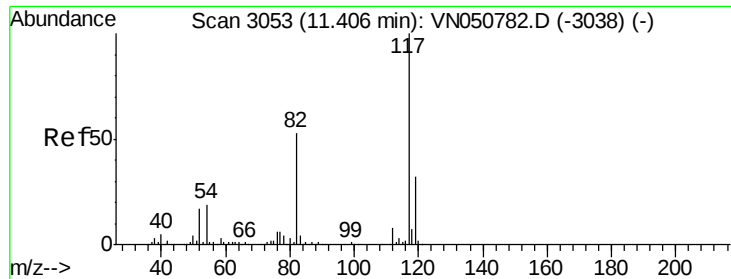
Ion Ratio Lower Upper

95 100

174 80.5 0.0 183.0

176 78.4 0.0 178.8

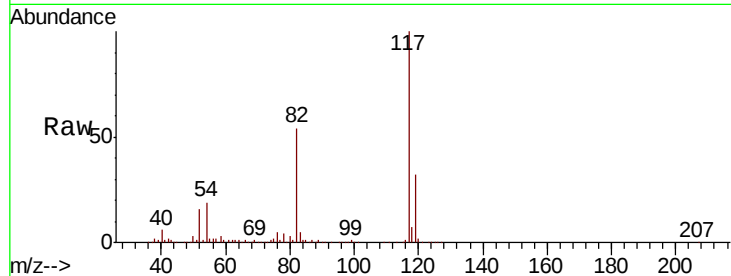




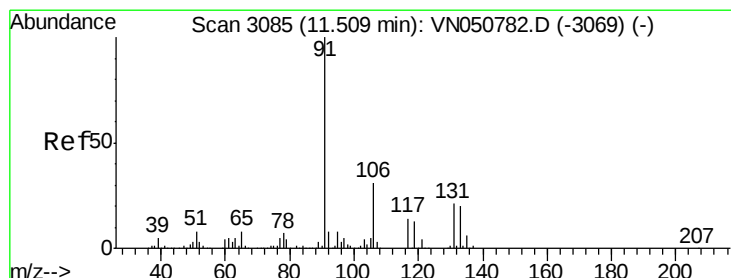
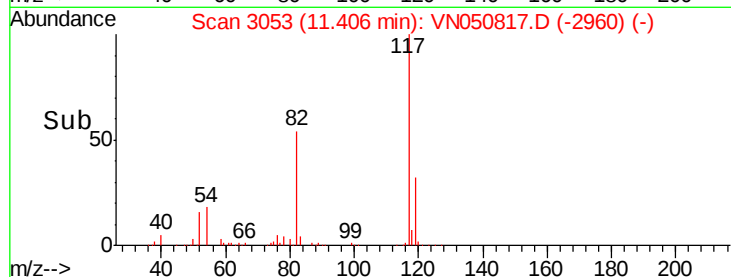
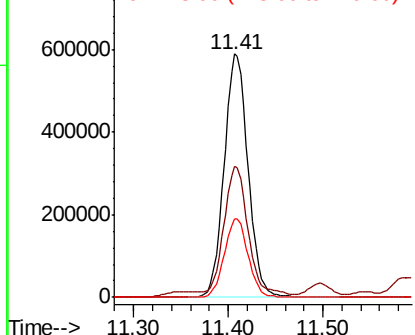
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN050817.D
Acq: 22 Aug 2018 14:13

Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818DL

Tot Ion:117 Resp: 1031612
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 32.2 25.8 38.6

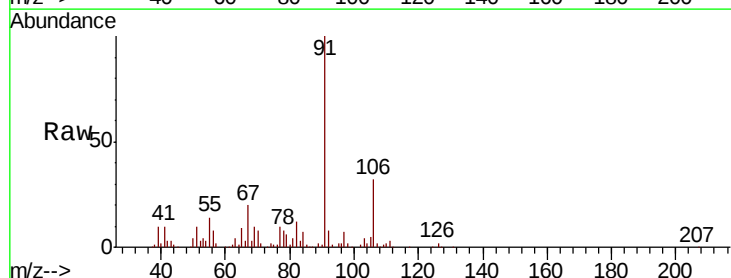


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

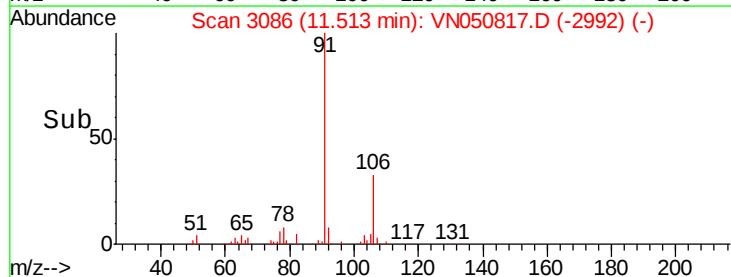
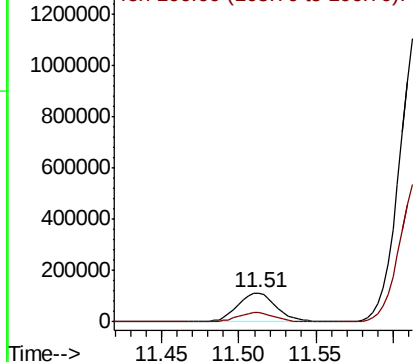


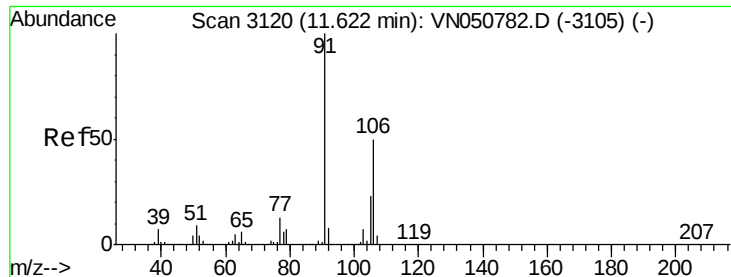
#67
Ethyl Benzene
Concen: 4.49 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050817.D
Acq: 22 Aug 2018 14:13

Tgt Ion: 91 Resp: 196906
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.4



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

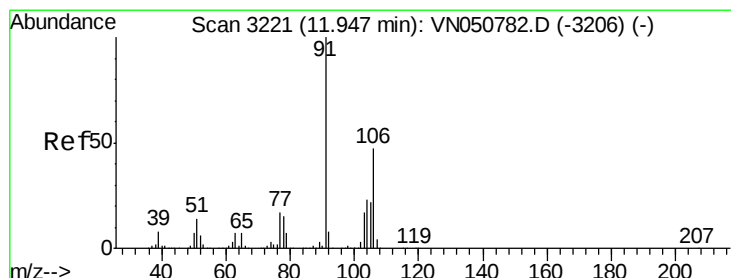
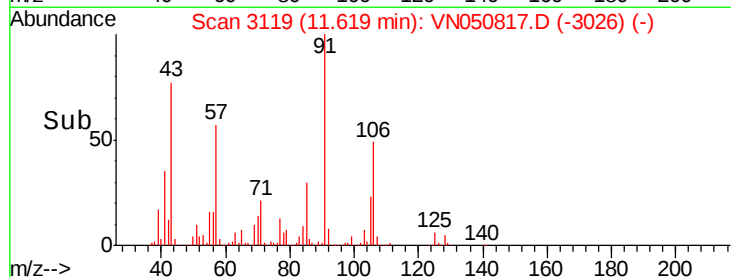
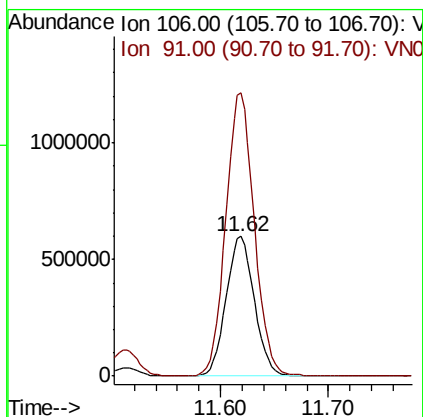
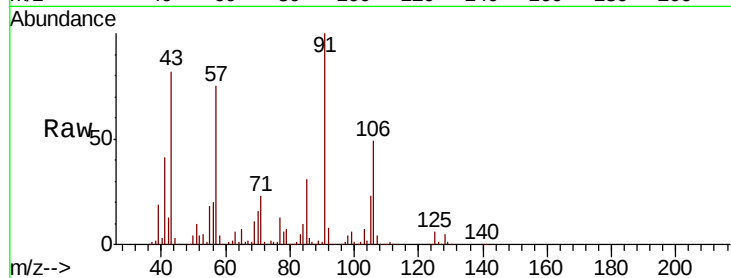




#68
m/p-Xylenes
Concen: 65.52 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050817.D
Acq: 22 Aug 2018 14:13

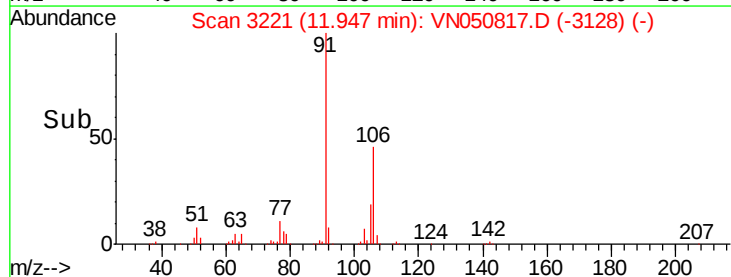
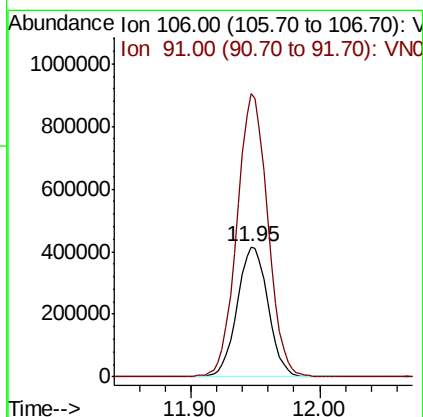
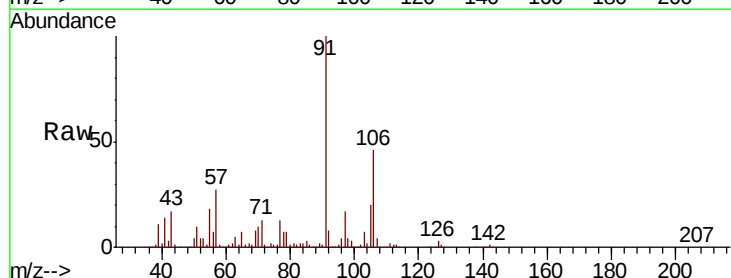
Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818DL

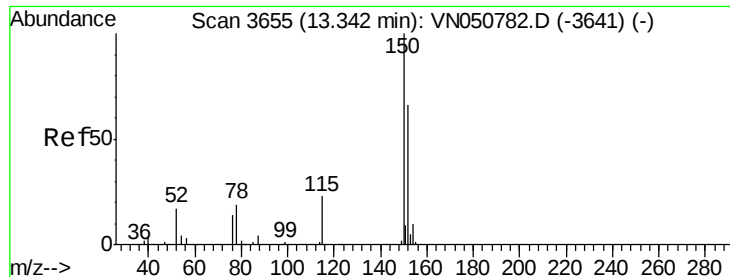
Tot Ion:106 Resp: 1090192
Ion Ratio Lower Upper
106 100
91 204.0 161.0 241.6



#69
o-Xylene
Concen: 43.04 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050817.D
Acq: 22 Aug 2018 14:13

Tgt Ion:106 Resp: 688572
Ion Ratio Lower Upper
106 100
91 218.8 106.5 319.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050817.D

Acq: 22 Aug 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818DL

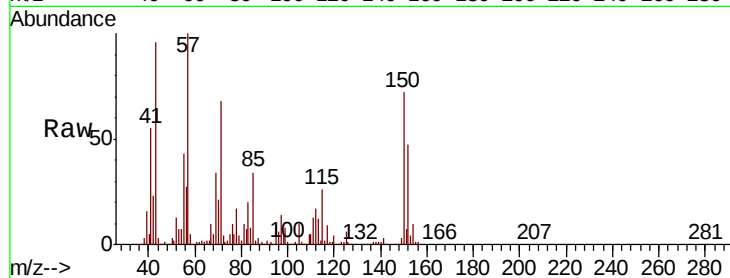
Tot Ion:152 Resp: 440000

Ion Ratio Lower Upper

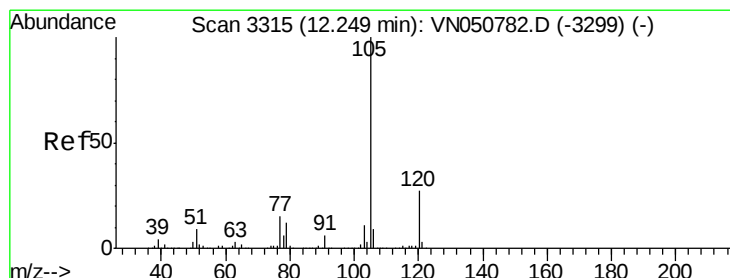
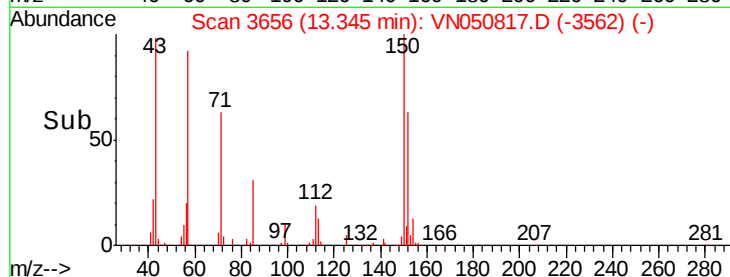
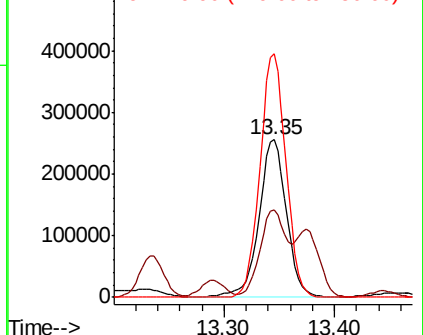
152 100

115 51.8 27.8 83.4

150 146.1 0.0 351.4



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: 12.87 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050817.D

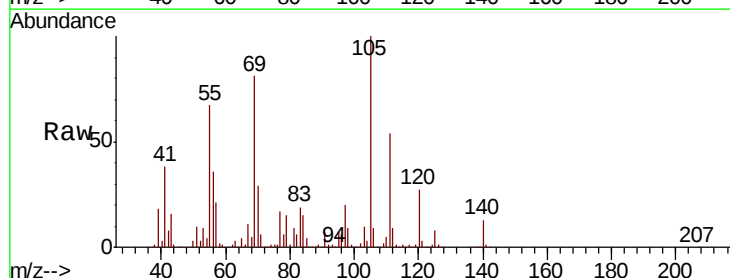
Acq: 22 Aug 2018 14:13

Tgt Ion:105 Resp: 468823

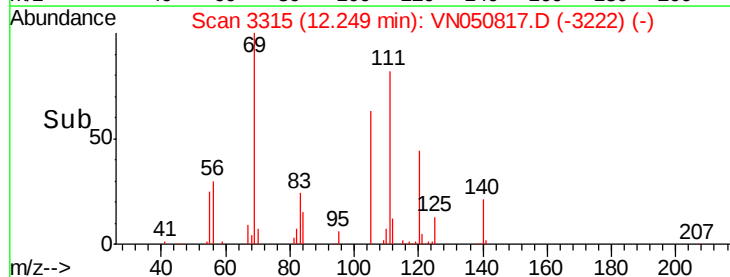
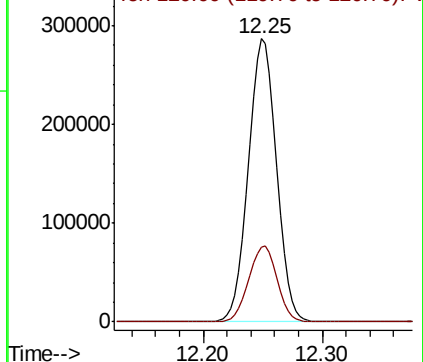
Ion Ratio Lower Upper

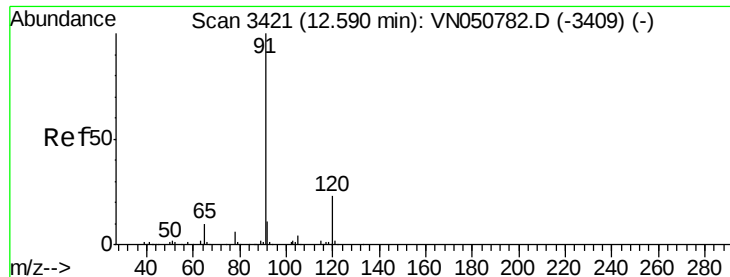
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 29.08 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050817.D

Acq: 22 Aug 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

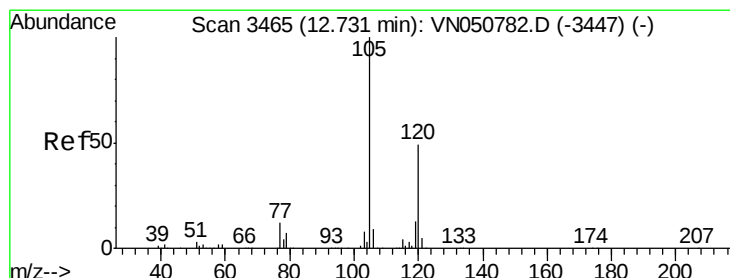
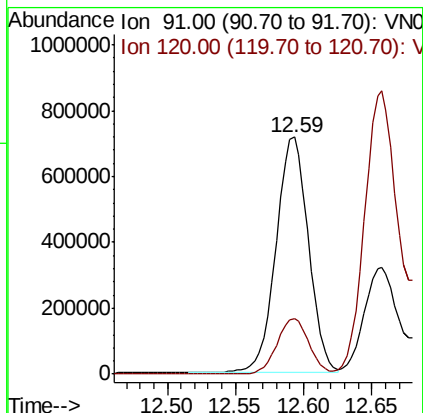
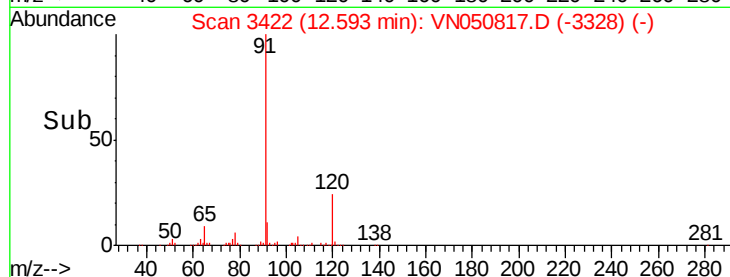
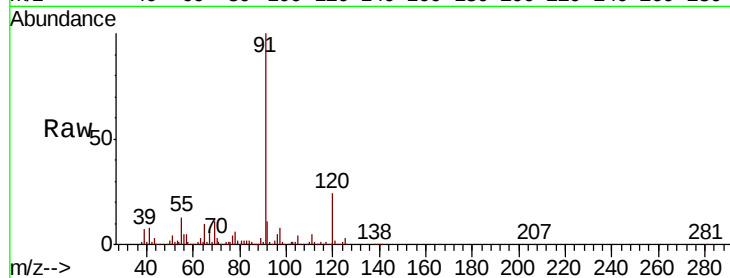
EP1-WC4-UST-0818DL

Tot Ion: 91 Resp: 1183672

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.0



#80

1,3,5-Trimethylbenzene

Concen: 123.97 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050817.D

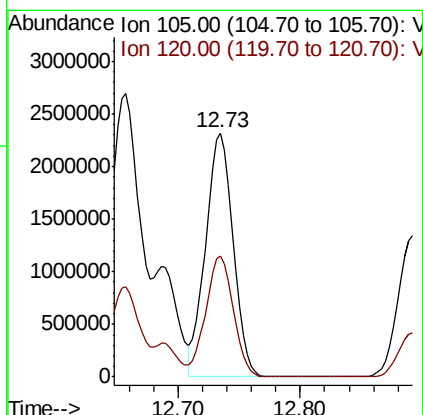
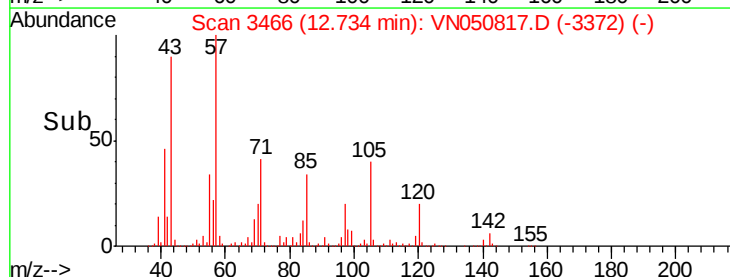
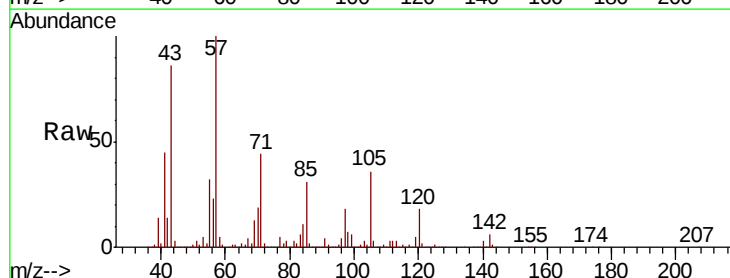
Acq: 22 Aug 2018 14:13

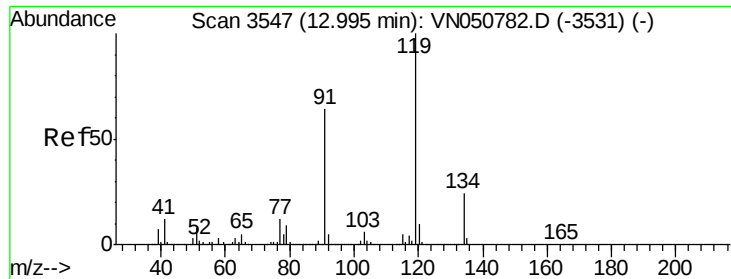
Tgt Ion: 105 Resp: 3644596

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0

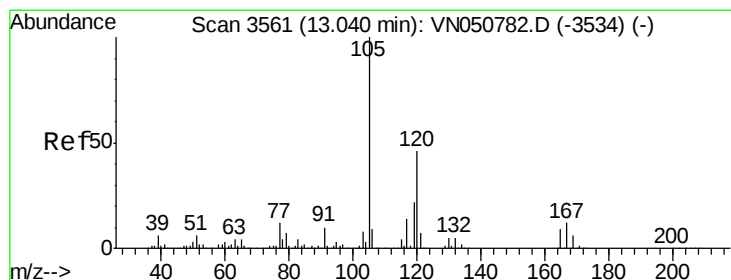
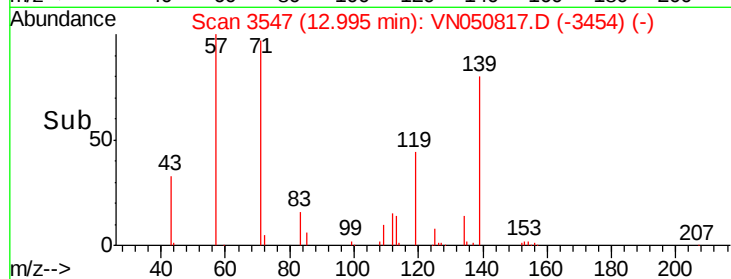
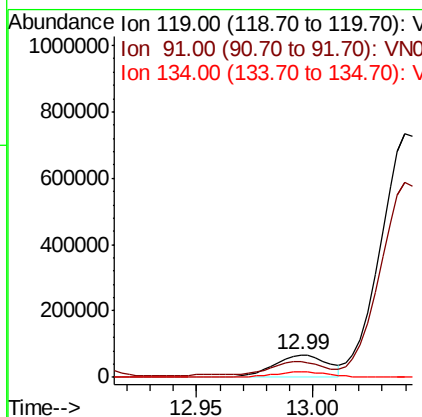
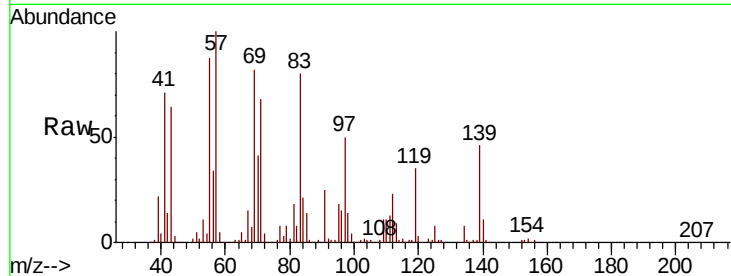




#83
 tert-Butylbenzene
 Concen: 4.27 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN050817.D
 Acq: 22 Aug 2018 14:13

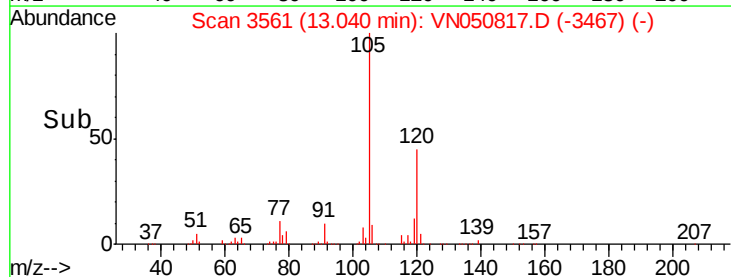
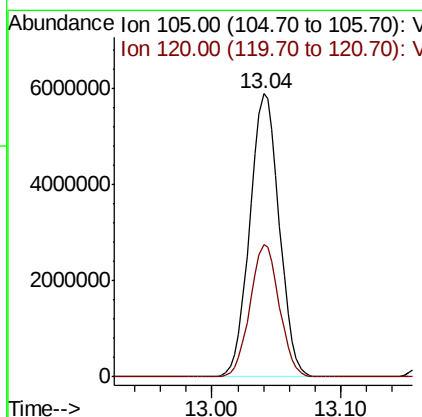
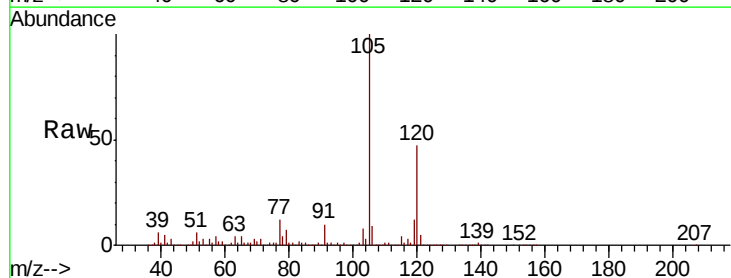
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WC4-UST-0818DL

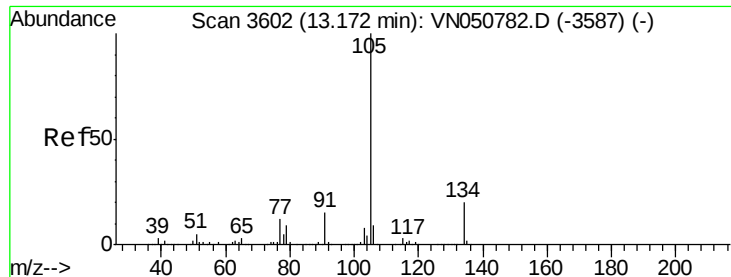
Tot Ion:119 Resp: 108707
 Ion Ratio Lower Upper
 119 100
 91 68.9 31.6 94.7
 134 24.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 316.97 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050817.D
 Acq: 22 Aug 2018 14:13

Tgt Ion:105 Resp: 9373288
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.8





#85

sec-Butylbenzene

Concen: 26.89 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050817.D

Acq: 22 Aug 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

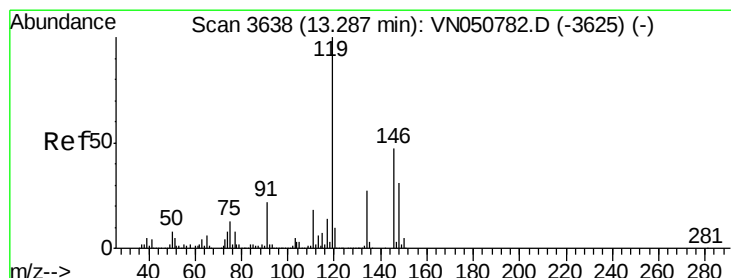
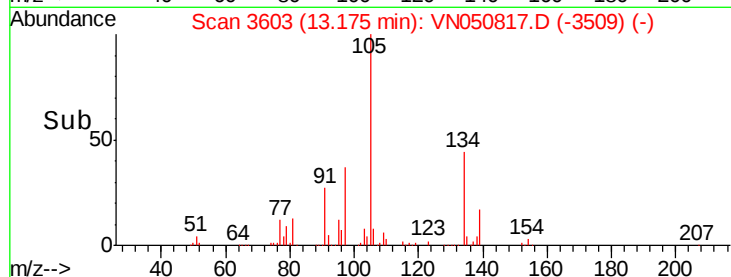
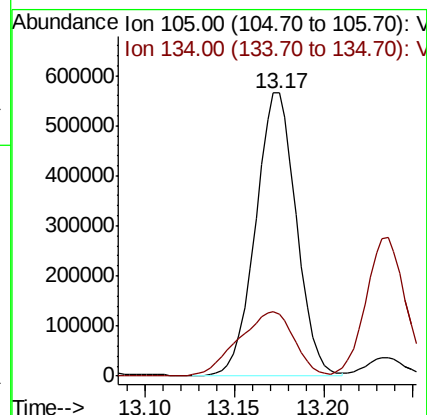
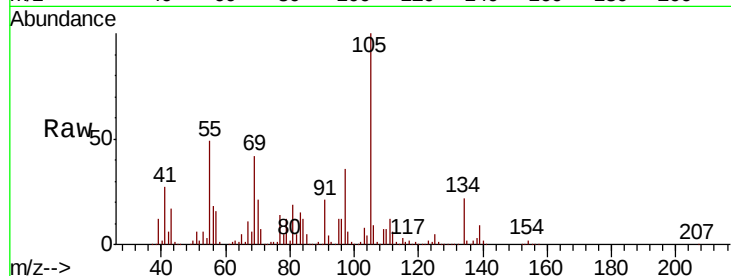
EP1-WC4-UST-0818DL

Tot Ion:105 Resp: 897166

Ion Ratio Lower Upper

105 100

134 31.3 10.3 30.8#



#86

p-Isopropyltoluene

Concen: 20.11 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050817.D

Acq: 22 Aug 2018 14:13

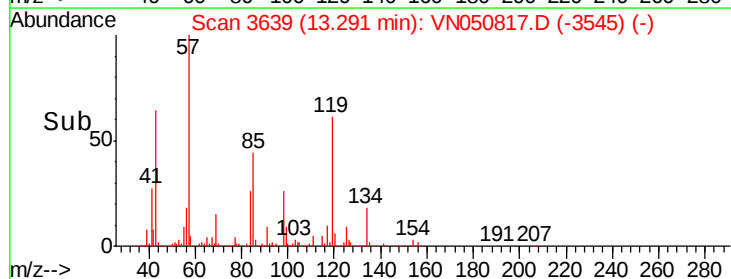
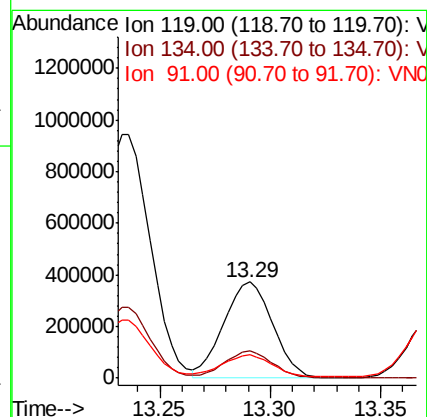
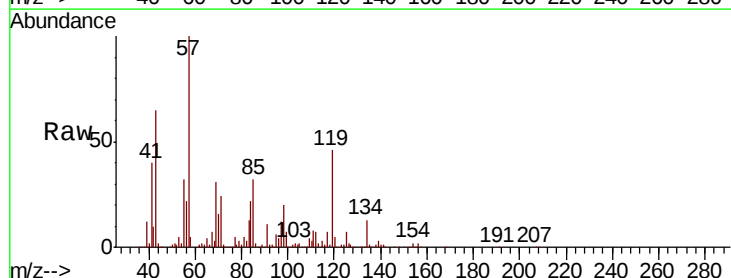
Tgt Ion:119 Resp: 571703

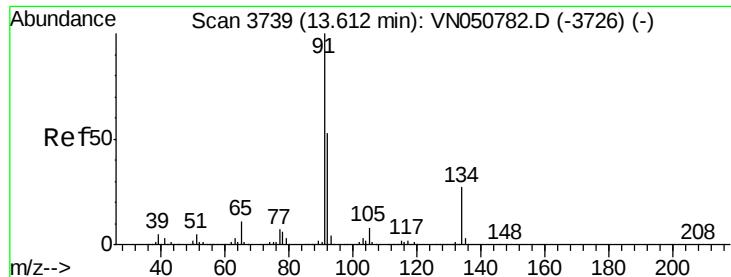
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

91 22.6 11.2 33.5





#89

n-Butylbenzene

Concen: 31.92 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN050817.D

Acq: 22 Aug 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818DL

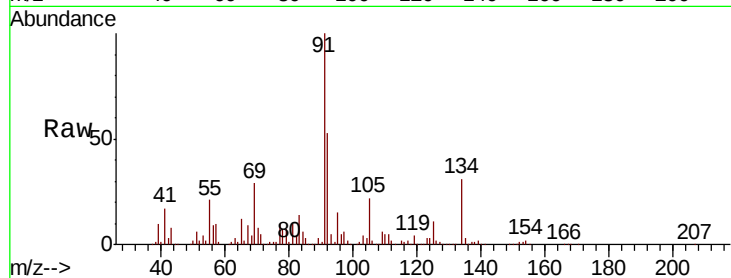
Tot Ion: 91 Resp: 725680

Ion Ratio Lower Upper

91 100

92 60.1 26.1 78.2

134 0.0 13.2 39.6#

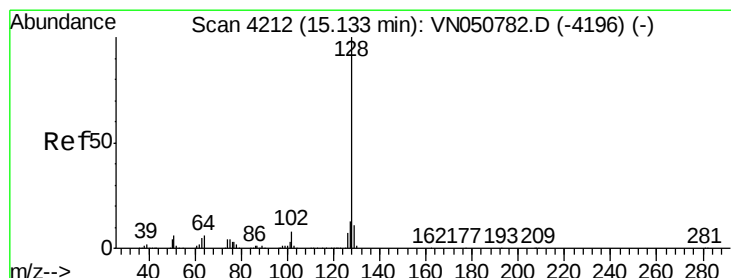
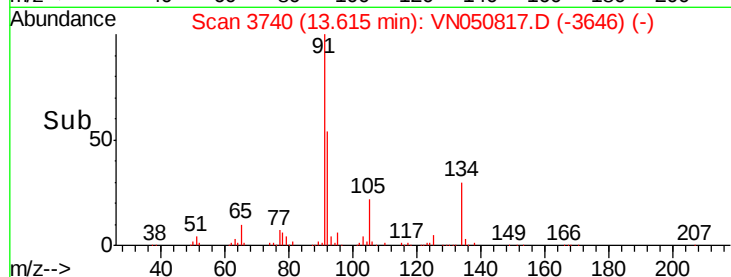
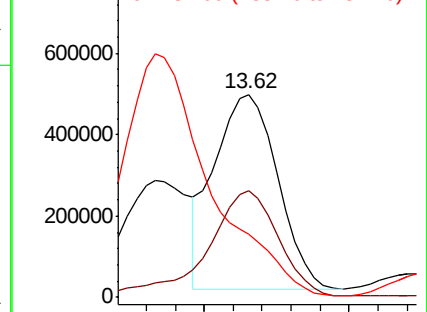


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#95

Naphthalene

Concen: 21.09 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050817.D

Acq: 22 Aug 2018 14:13

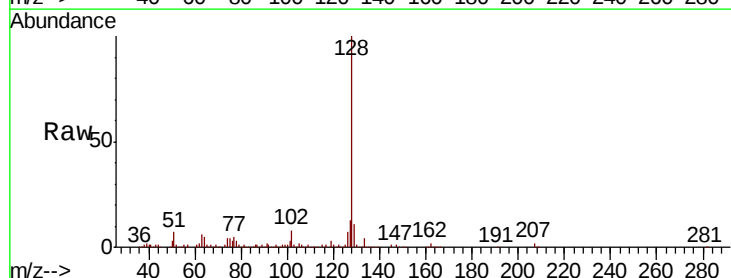
Tgt Ion: 128 Resp: 309146

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.4 8.7 13.1



Abundance

Ion 128.00 (127.70 to 128.70): VN0

Ion 127.00 (126.70 to 127.70): VN0

Ion 129.00 (128.70 to 129.70): VN0

