

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050834.D
 Acq On : 22 Aug 2018 21:12
 Operator : MD\SY
 Sample : J4585-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WS-GRAVEL-STAIN

Quant Time: Aug 23 01:10:31 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	688701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1150022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	972549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	356359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	448110	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
35) Dibromofluoromethane	7.59	113	423010	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	10.09	98	1549468	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
62) 4-Bromofluorobenzene	12.40	95	436738	38.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.84%	

Target Compounds

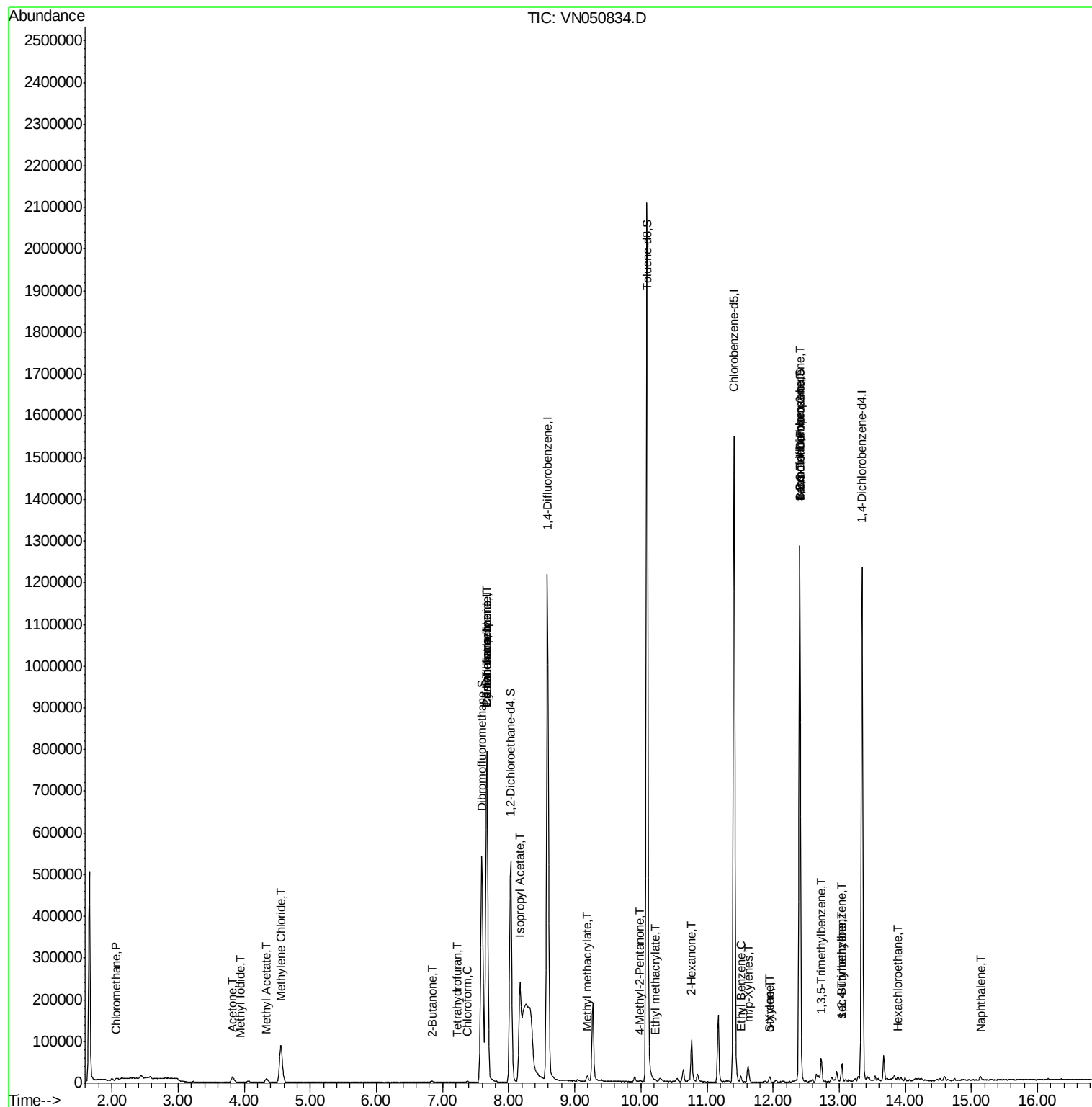
						Qvalue
3) Chloromethane	2.06	50	2589	0.23	ug/l	98
5) Bromomethane	2.57	94	2587	Below	Cal #	73
10) Methyl Iodide	3.94	142	277	6.37	ug/l #	43
16) Acetone	3.82	43	23469	5.03	ug/l	97
18) Methyl Acetate	4.34	43	18340	2.34	ug/l	95
20) Methylene Chloride	4.55	84	71933	7.70	ug/l	98
25) 2-Butanone	6.85	43	4125	1.23	ug/l	100
29) Tetrahydrofuran	7.21	42	696	0.36	ug/l #	77
30) Chloroform	7.37	83	4652	0.30	ug/l	96
31) Cyclohexane	7.67	56	11845	1.30	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	47217	3.48	ug/l #	49
38) Carbon Tetrachloride	7.67	117	60742	4.43	ug/l #	17
43) Isopropyl Acetate	8.17	43	299006	22.31	ug/l #	91
48) Methyl methacrylate	9.18	41	8267	1.21	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	2068	0.26	ug/l	95
56) Ethyl methacrylate	10.23	69	1875	2.50	ug/l #	88
59) 2-Hexanone	10.77	43	14662	2.75	ug/l #	54
67) Ethyl Benzene	11.51	91	9965	0.24	ug/l	95
68) m/p-Xylenes	11.62	106	10981	0.70	ug/l	95
69) o-Xylene	11.95	106	3365	0.22	ug/l	87
70) Styrene	11.96	104	302	1.28	ug/l #	1
71) Bromoform	12.40	173	1527	0.24	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.54	83	71	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	203764	32.65	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8048	0.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	203764	110.36	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	23440	0.98	ug/l	98
85) sec-Butylbenzene	13.04	105	23440	0.87	ug/l #	56
90) Hexachloroethane	13.89	117	400	0.28	ug/l #	4
95) Naphthalene	15.14	128	7916	5.90	ug/l	99

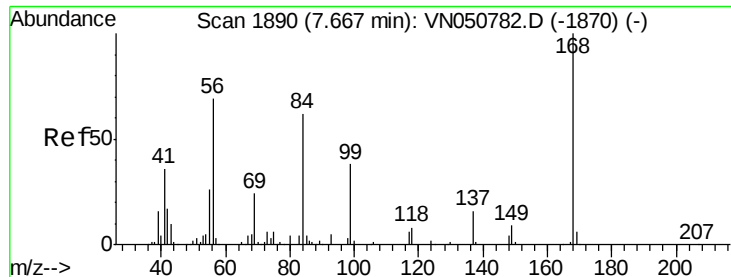
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

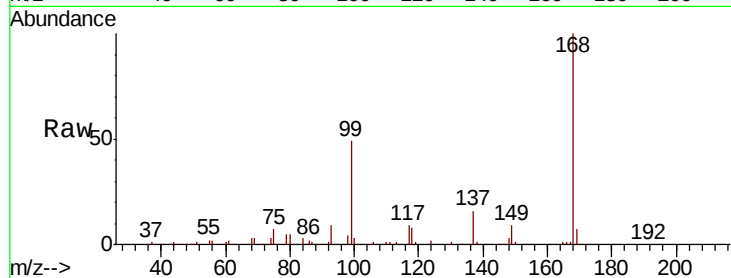
WS-GRAVEL-STAIN

Tot Ion:168 Resp: 688701

Ion Ratio Lower Upper

168 100

99 48.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

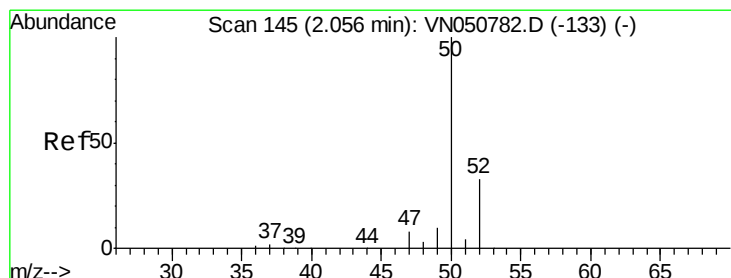
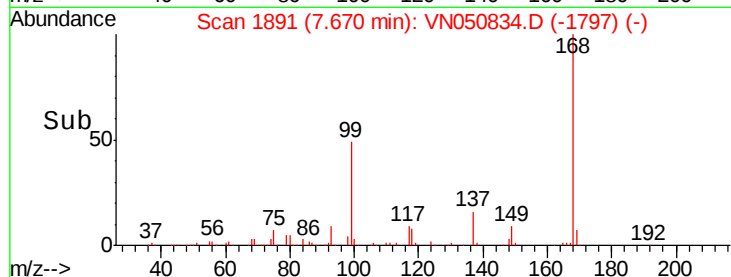
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050834.D

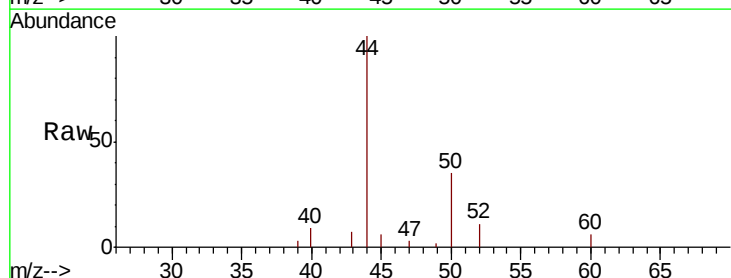
Acq: 22 Aug 2018 21:12

Tgt Ion: 50 Resp: 2589

Ion Ratio Lower Upper

50 100

52 31.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2500

2000

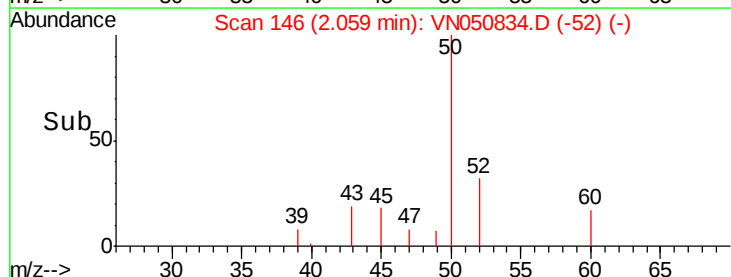
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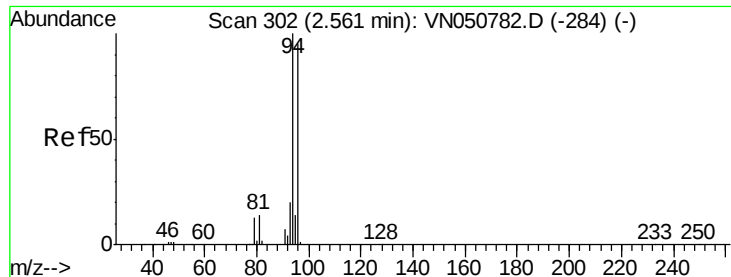
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

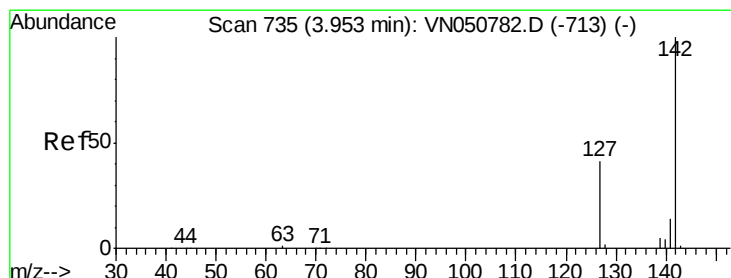
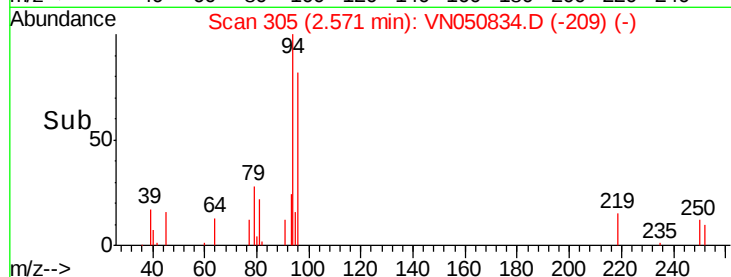
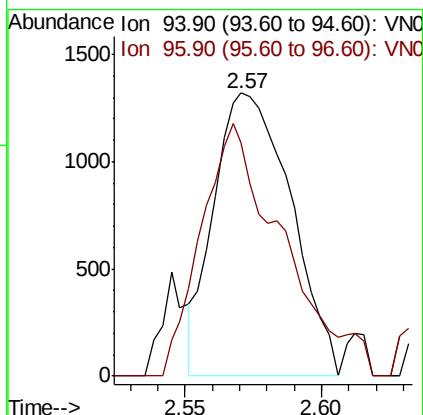
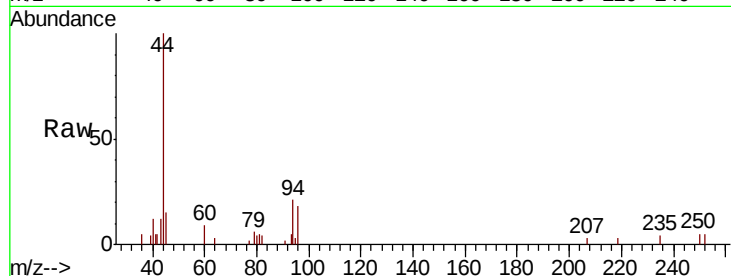
WS-GRAVEL-STAIN

Tot Ion: 94 Resp: 2587

Ion Ratio Lower Upper

94 100

96 68.7 76.2 114.2#



#10

Methyl Iodide

Concen: 6.37 ug/l

RT: 3.94 min Scan# 732

Delta R.T. -0.01 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

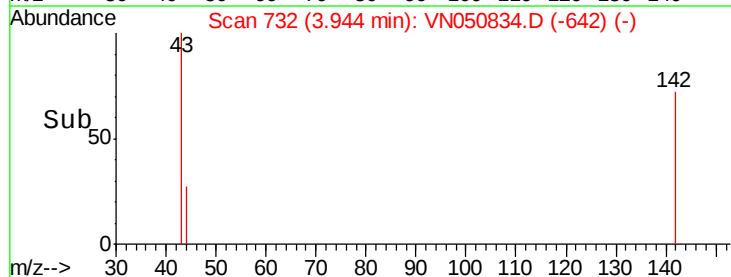
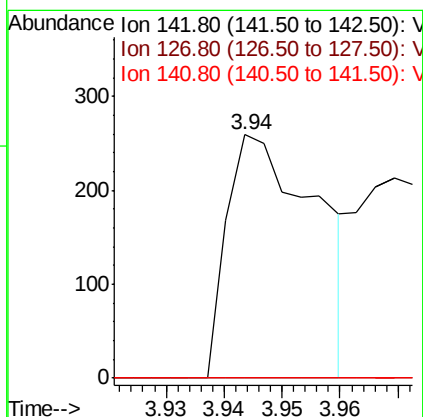
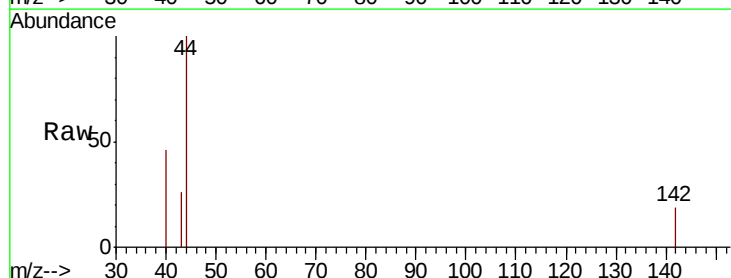
Tgt Ion: 142 Resp: 277

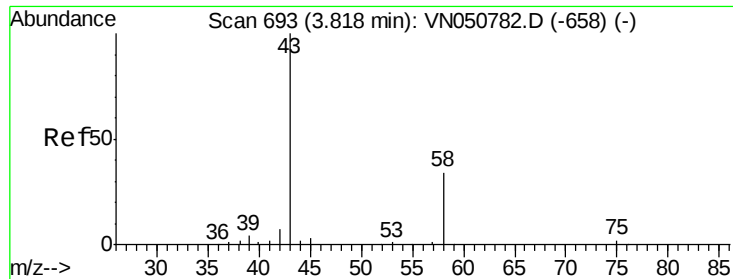
Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

141 0.0 11.4 17.0#

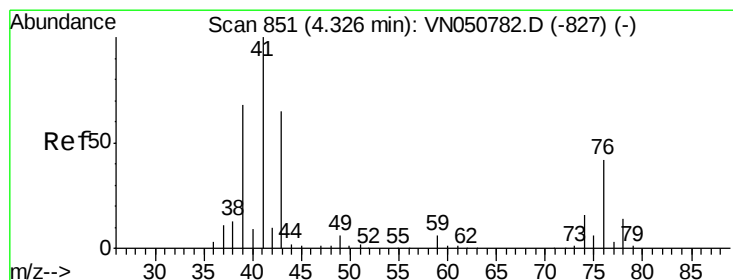
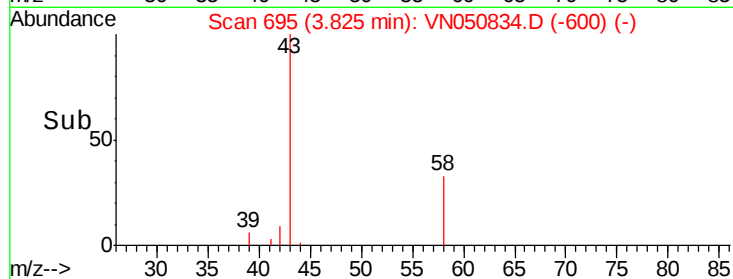
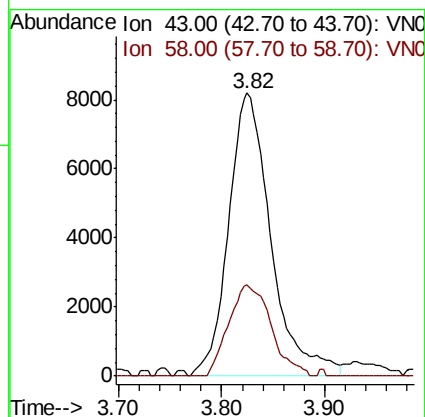
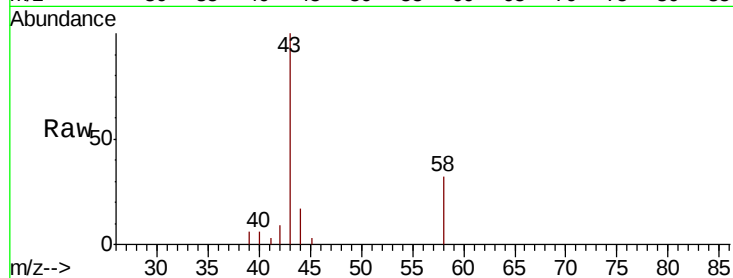




#16
Acetone
Concen: 5.03 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN050834.D
Acq: 22 Aug 2018 21:12

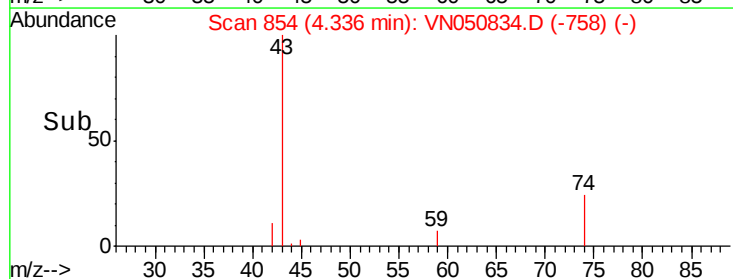
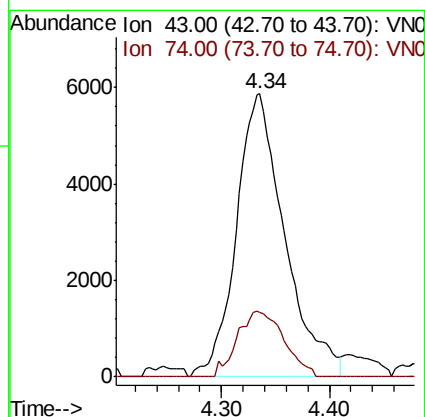
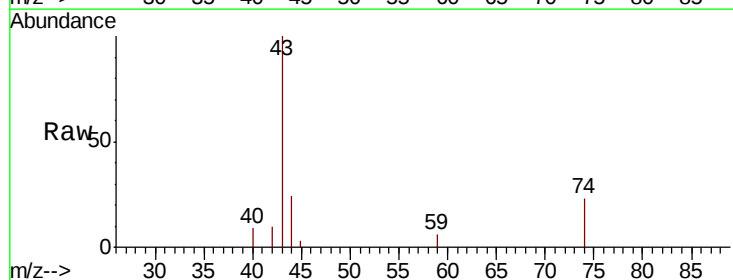
Instrument :
MSVOA_N
ClientSampleId :
WS-GRAVEL-STAIN

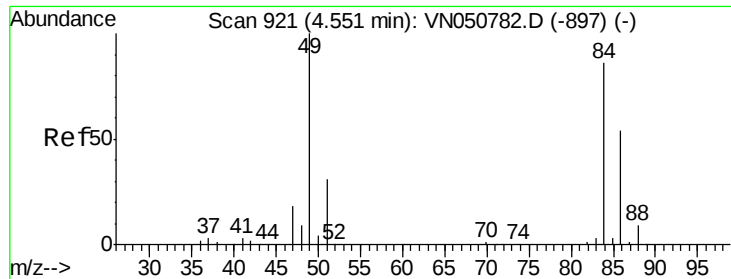
Tot Ion: 43 Resp: 23469
Ion Ratio Lower Upper
43 100
58 32.2 27.2 40.8



#18
Methyl Acetate
Concen: 2.34 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050834.D
Acq: 22 Aug 2018 21:12

Tgt Ion: 43 Resp: 18340
Ion Ratio Lower Upper
43 100
74 22.4 19.8 29.8



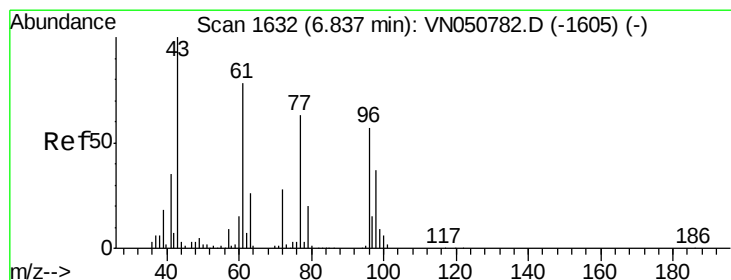
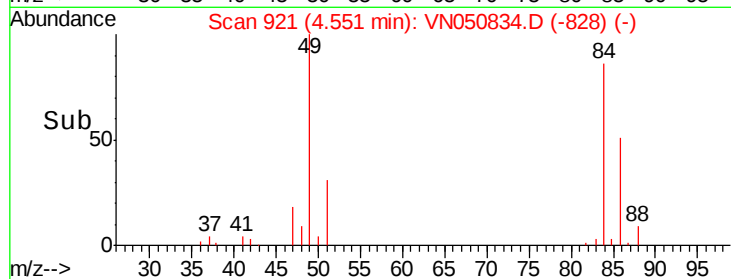
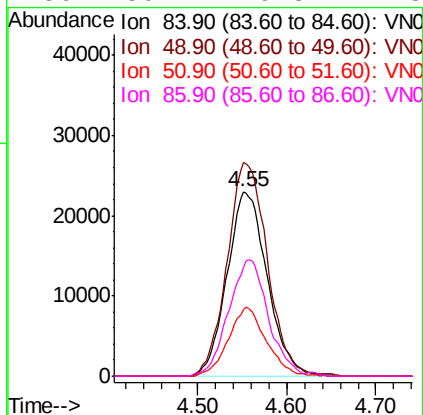
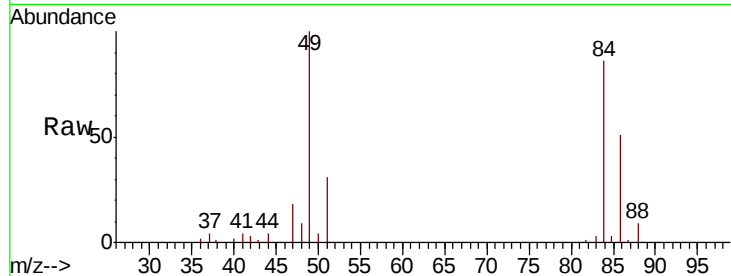


#20
Methvlene Chloride
Concen: 7.70 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050834.D
Acq: 22 Aug 2018 21:12

Instrument :
MSVOA_N
ClientSampleId :
WS-GRAVEL-STAIN

Tot Ion: 84 Resp: 71933

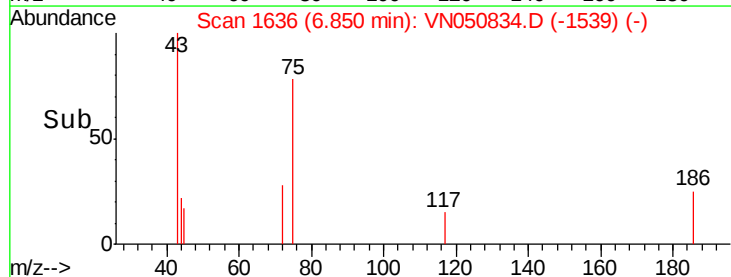
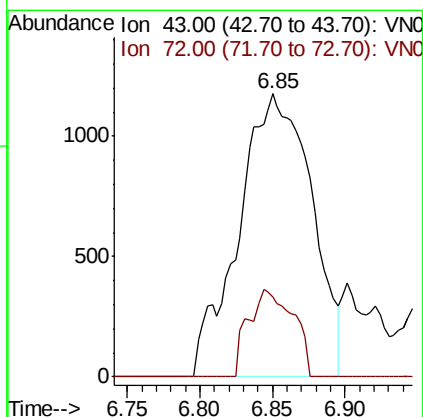
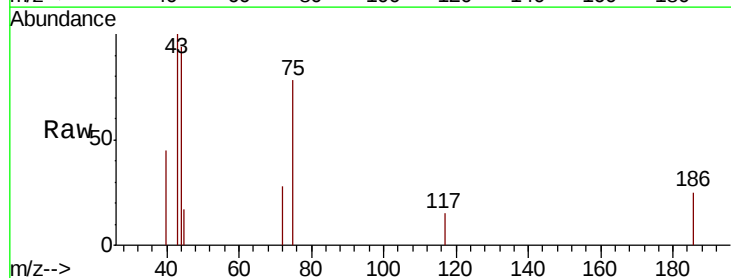
Ion	Ratio	Lower	Upper
84	100		
49	115.7	93.2	139.8
51	35.8	29.0	43.6
86	59.1	49.8	74.8

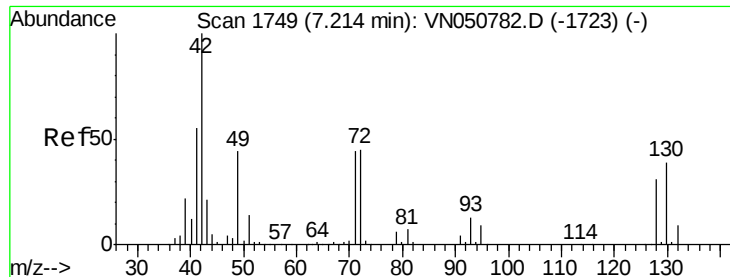


#25
2-Butanone
Concen: 1.23 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050834.D
Acq: 22 Aug 2018 21:12

Tgt Ion: 43 Resp: 4125

Ion	Ratio	Lower	Upper
43	100		
72	28.1	22.3	33.5





#29

Tetrahydrofuran

Concen: 0.36 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

WS-GRAVEL-STAIN

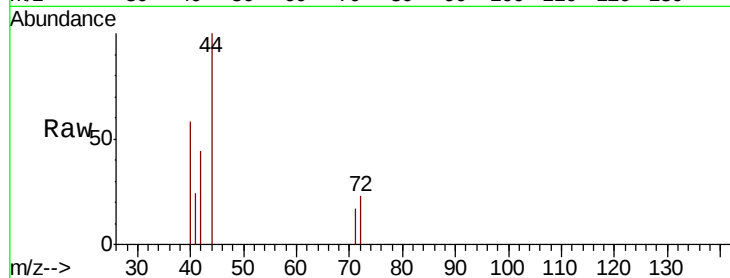
Tot Ion: 42 Resp: 696

Ion Ratio Lower Upper

42 100

72 34.5 35.5 53.3#

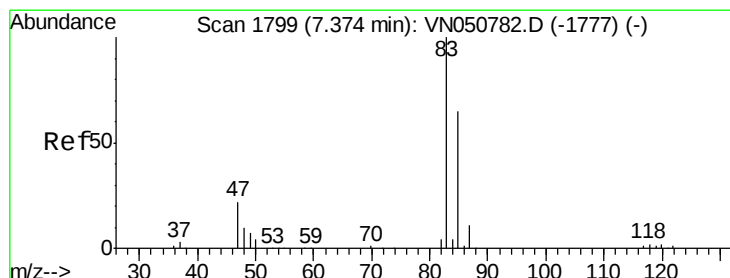
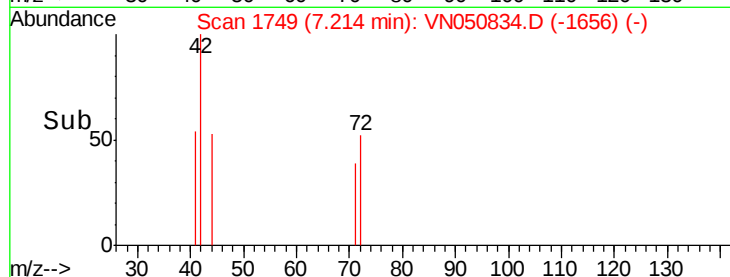
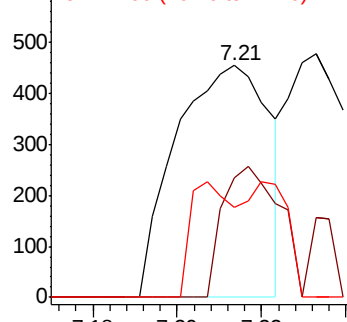
71 22.4 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.30 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050834.D

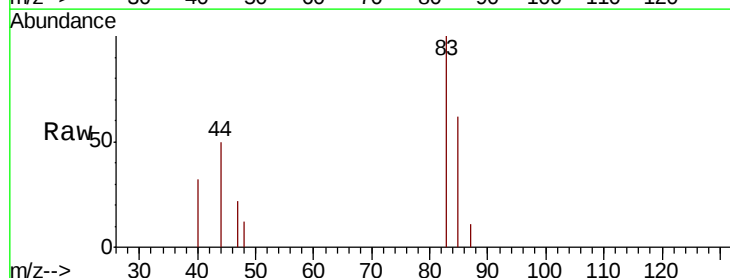
Acq: 22 Aug 2018 21:12

Tgt Ion: 83 Resp: 4652

Ion Ratio Lower Upper

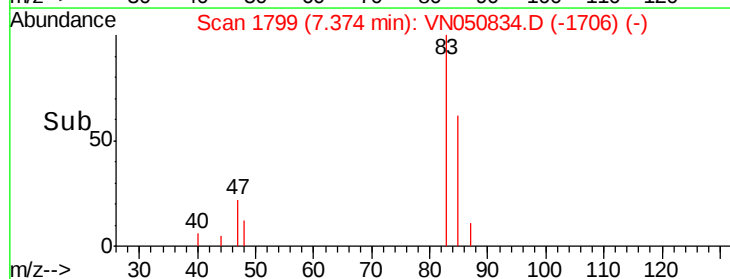
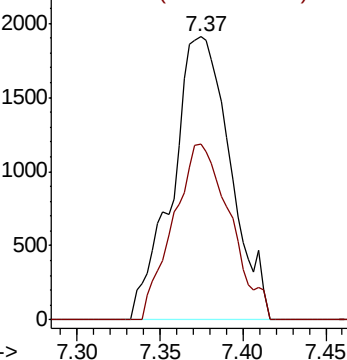
83 100

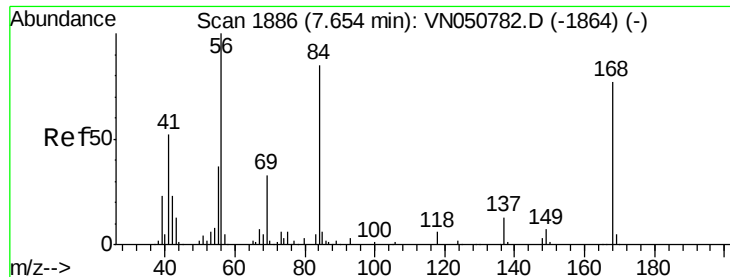
85 62.4 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

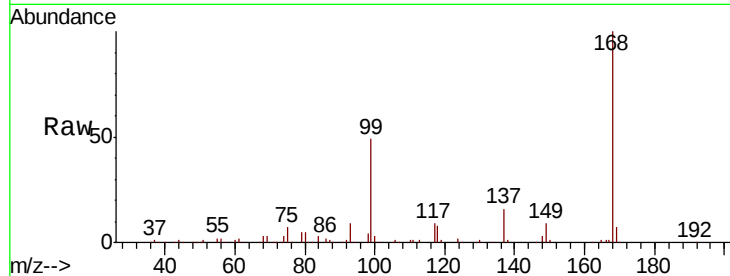




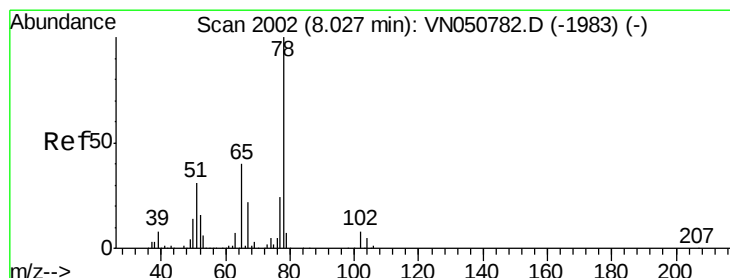
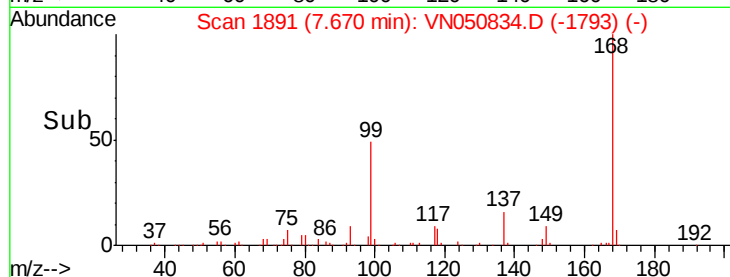
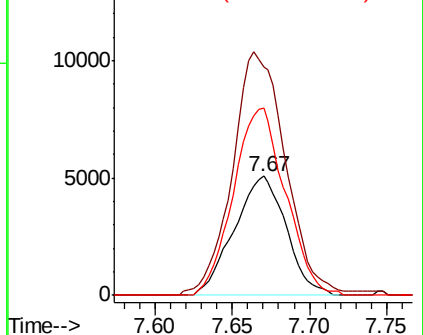
#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050834.D
Acq: 22 Aug 2018 21:12

Instrument :
MSVOA_N
ClientSampleId :
WS-GRAVEL-STAIN

Tot Ion: 56 Resp: 11845
Ion Ratio Lower Upper
56 100
69 187.4 26.2 39.4#
84 156.8 68.3 102.5#

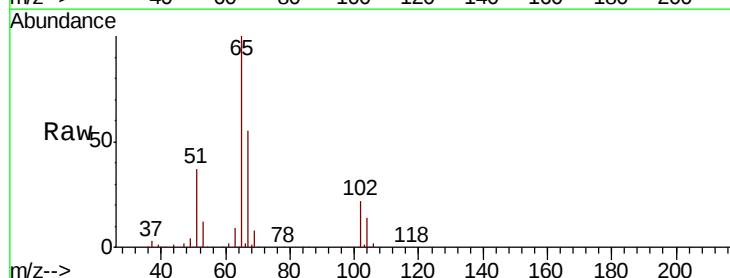


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

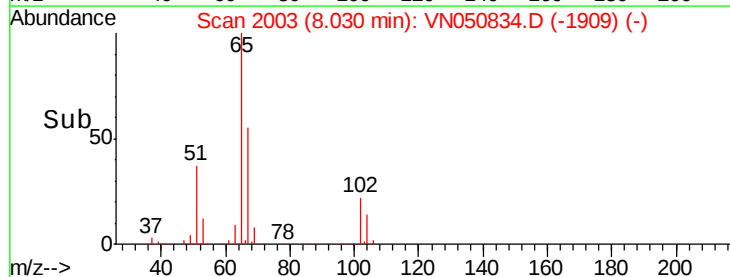
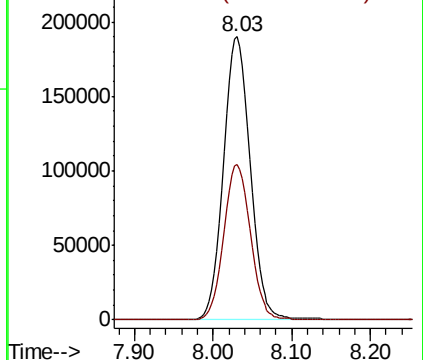


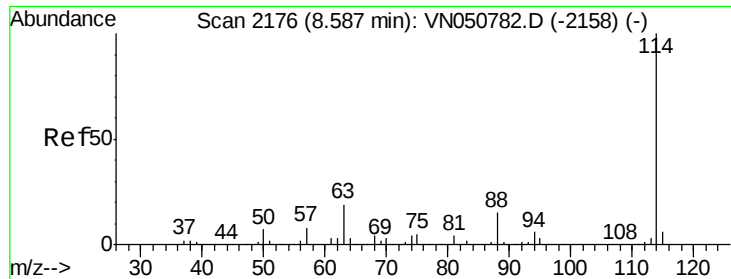
#33
1,2-Dichloroethane-d4
Concen: 54.05 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050834.D
Acq: 22 Aug 2018 21:12

Tgt Ion: 65 Resp: 448110
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC



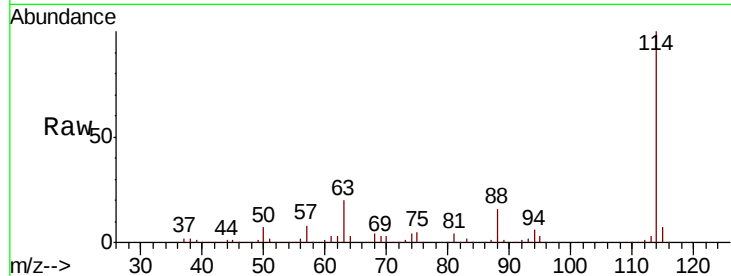


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050834.D
 Acq: 22 Aug 2018 21:12

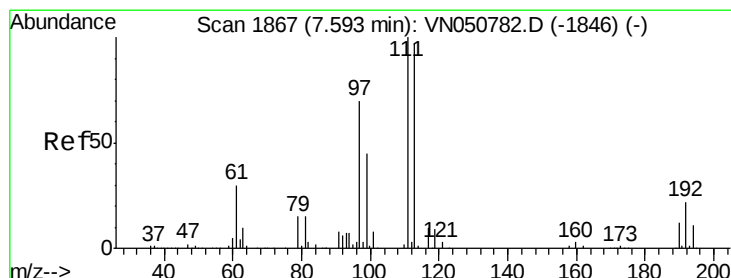
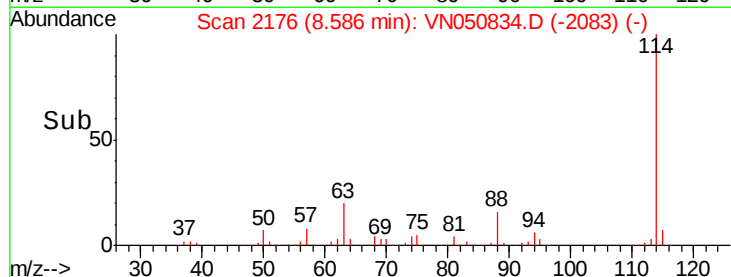
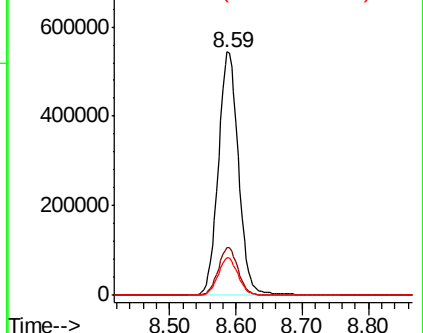
Instrument :
 MSVOA_N
 ClientSampleId :
 WS-GRAVEL-STAIN

Tot Ion:114 Resp: 1150022

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.6	0.0	30.6



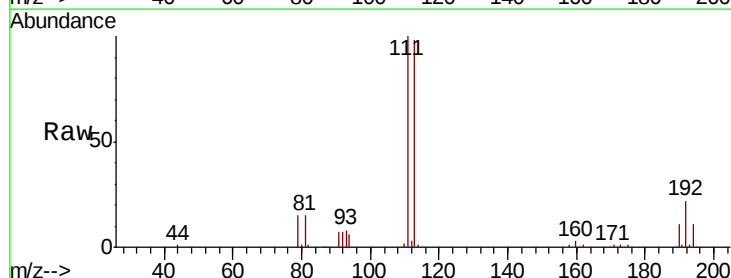
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



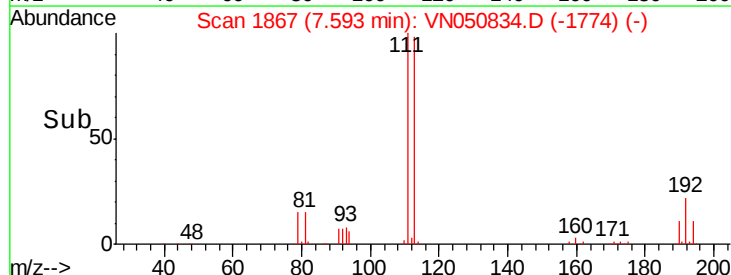
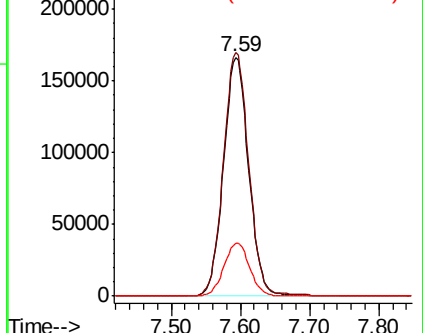
#35
 Dibromofluoromethane
 Concen: 46.24 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050834.D
 Acq: 22 Aug 2018 21:12

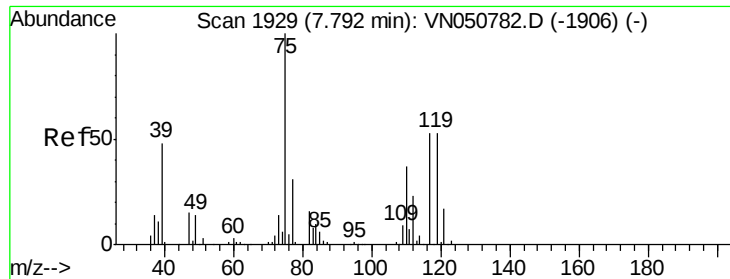
Tgt Ion:113 Resp: 423010

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	22.6	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

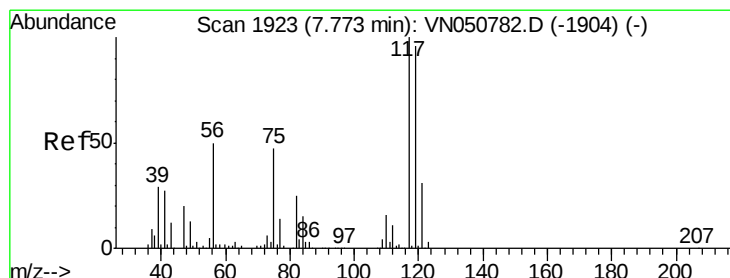
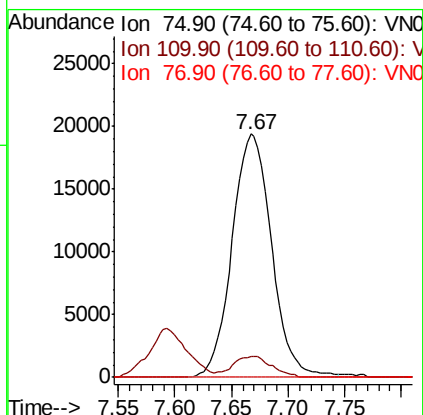
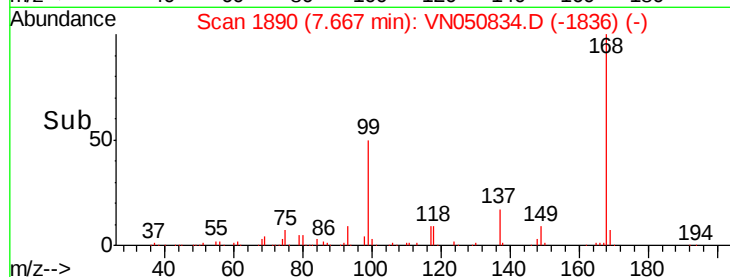
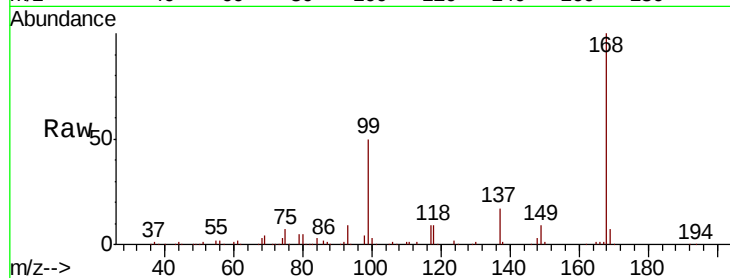




#36
 1,1-Dichloropropene
 Concen: 3.48 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050834.D
 Acq: 22 Aug 2018 21:12

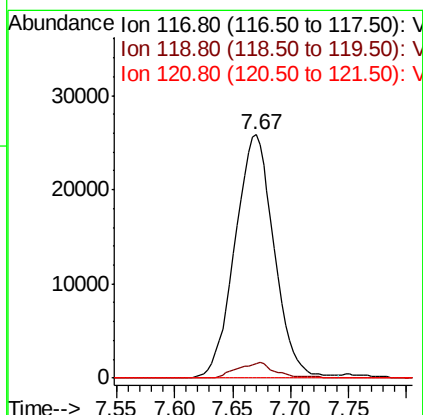
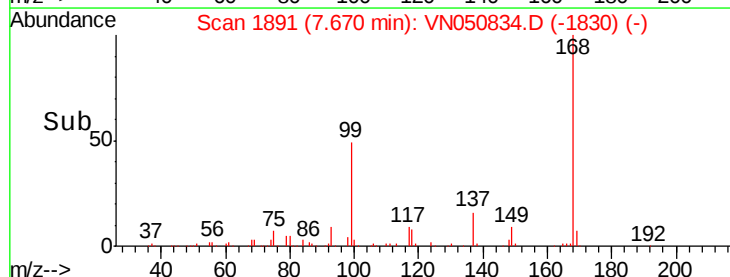
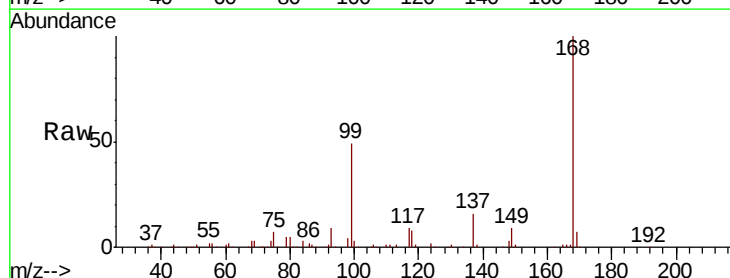
Instrument :
 MSVOA_N
 ClientSampleId :
 WS-GRAVEL-STAIN

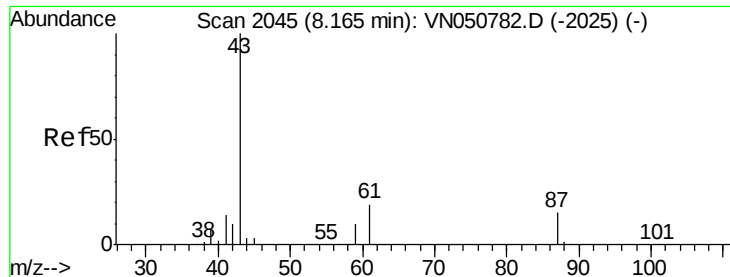
Tot Ion: 75 Resp: 47217
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.1 54.4#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.43 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.10 min
 Lab File: VN050834.D
 Acq: 22 Aug 2018 21:12

Tgt Ion: 117 Resp: 60742
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 22.31 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

WS-GRAVEL-STAIN

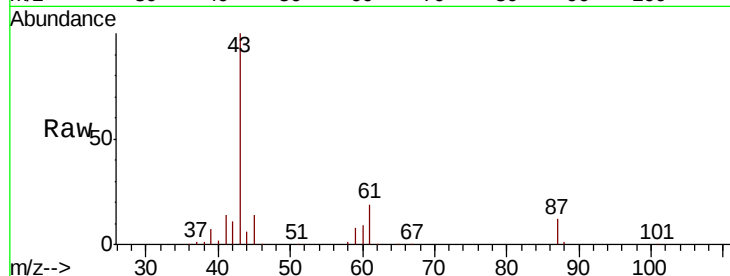
Tot Ion: 43 Resp: 299006

Ion Ratio Lower Upper

43 100

61 17.1 17.5 26.3#

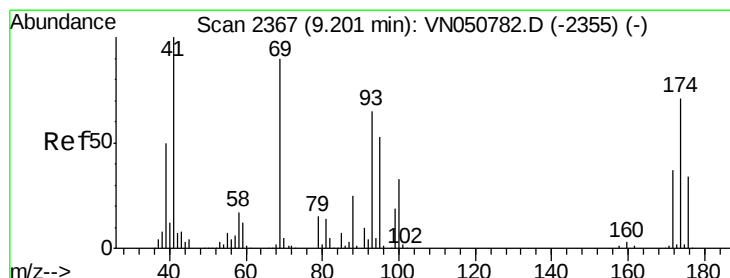
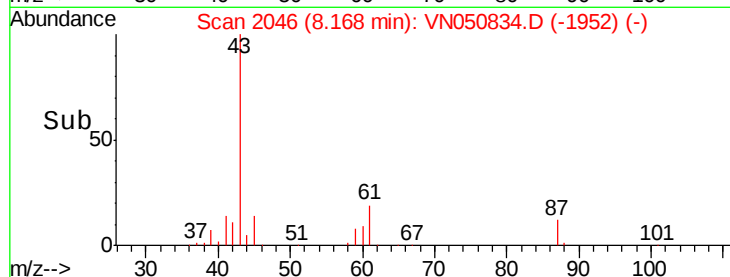
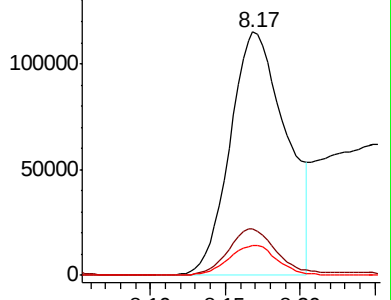
87 10.7 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.21 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

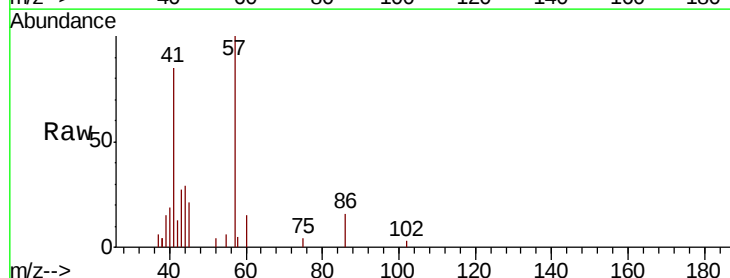
Tgt Ion: 41 Resp: 8267

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

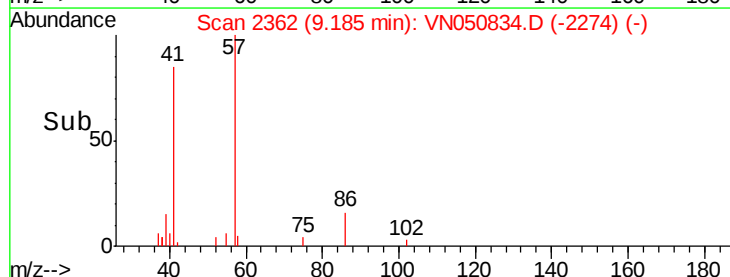
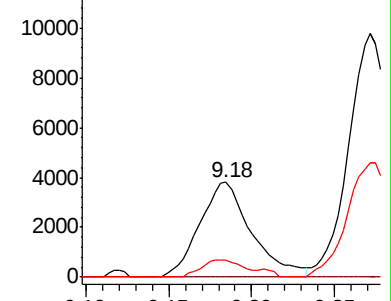
39 14.5 42.2 63.2#

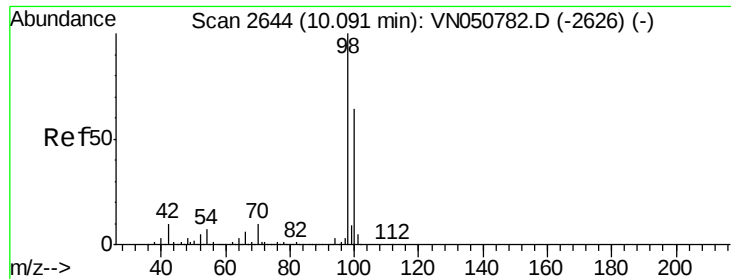


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

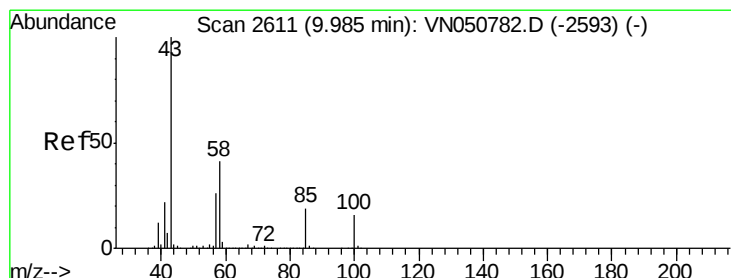
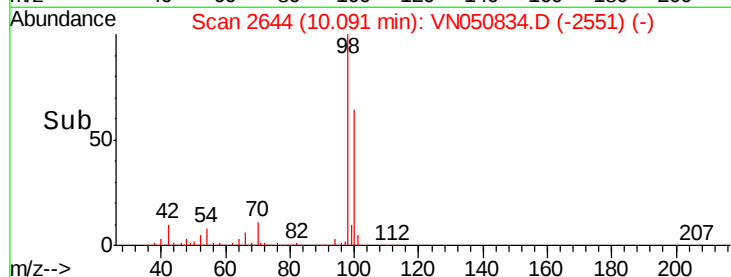
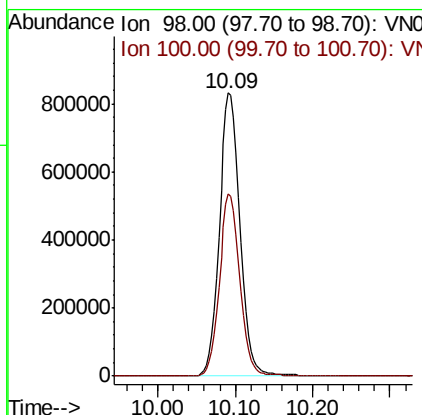
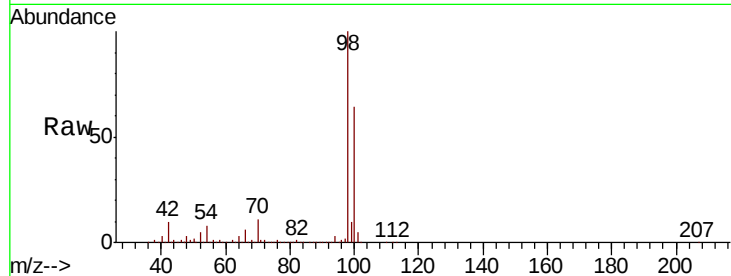




#50
Toluene-d8
Concen: 45.30 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050834.D
Acq: 22 Aug 2018 21:12

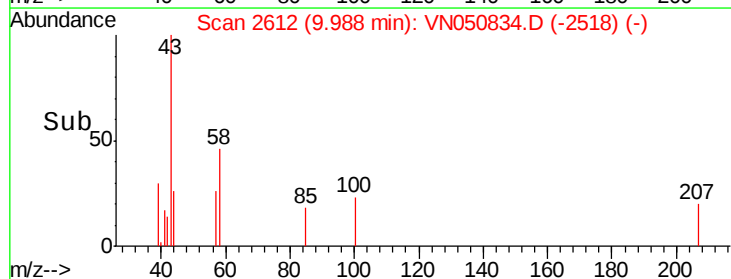
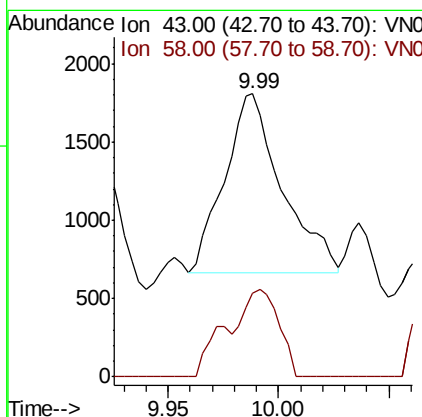
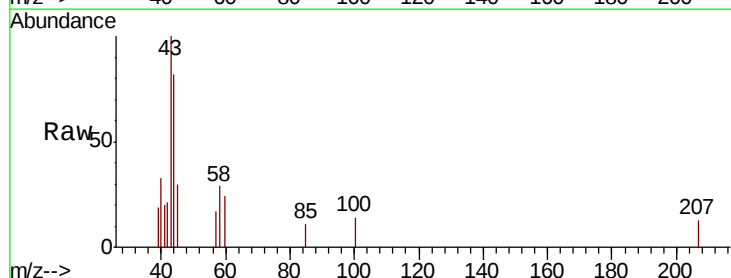
Instrument :
MSVOA_N
ClientSampleId :
WS-GRAVEL-STAIN

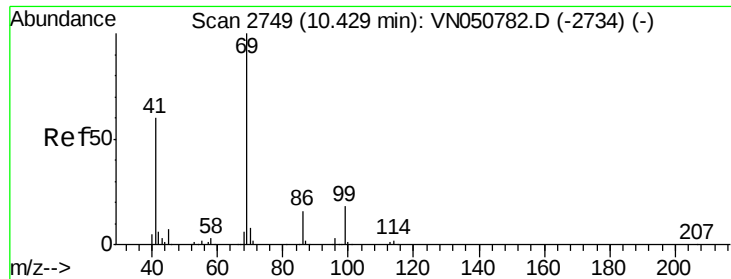
Tot Ion: 98 Resp: 1549468
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.26 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050834.D
Acq: 22 Aug 2018 21:12

Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
58 43.4 32.4 48.6





#56

Ethyl methacrylate

Concen: 2.50 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

WS-GRAVEL-STAIN

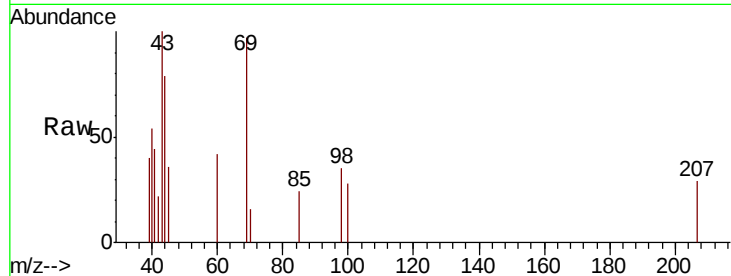
Tot Ion: 69 Resp: 1875

Ion Ratio Lower Upper

69 100

41 56.7 48.3 72.5

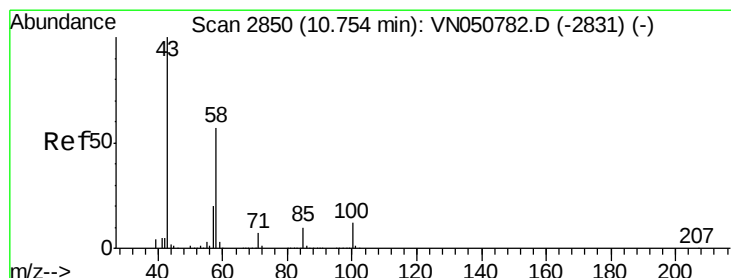
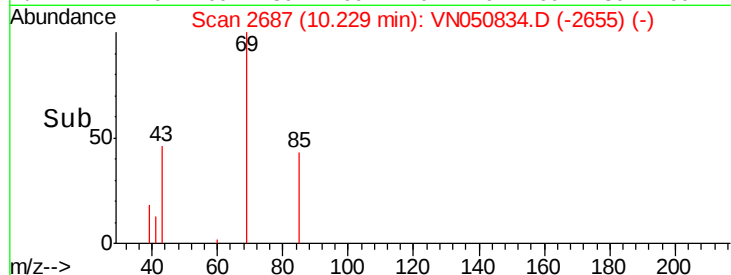
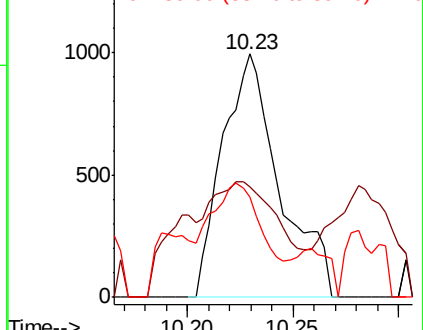
39 43.7 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 2.75 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050834.D

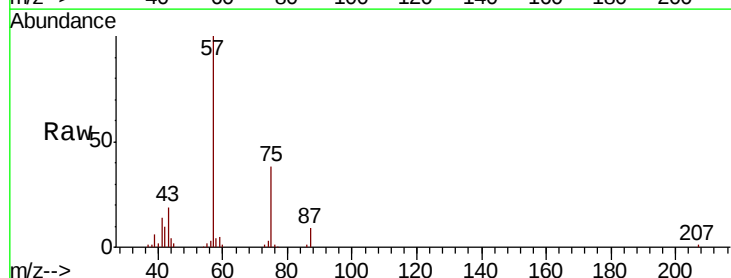
Acq: 22 Aug 2018 21:12

Tgt Ion: 43 Resp: 14662

Ion Ratio Lower Upper

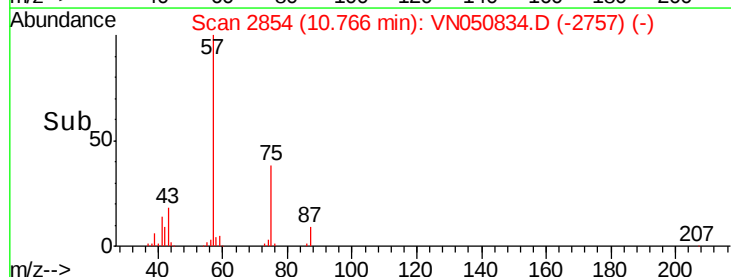
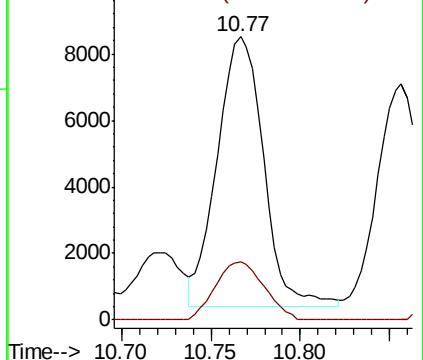
43 100

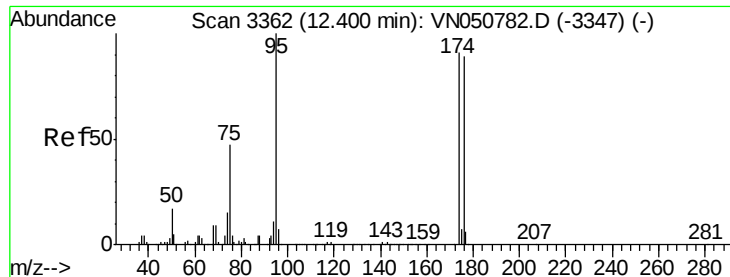
58 22.6 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.42 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

WS-GRAVEL-STAIN

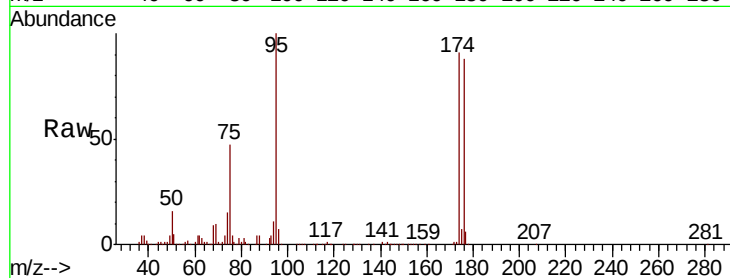
Tot Ion: 95 Resp: 436738

Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.0

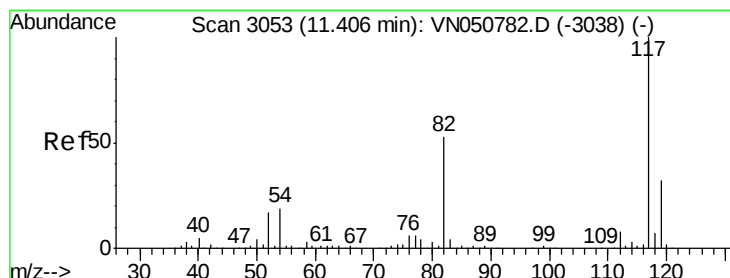
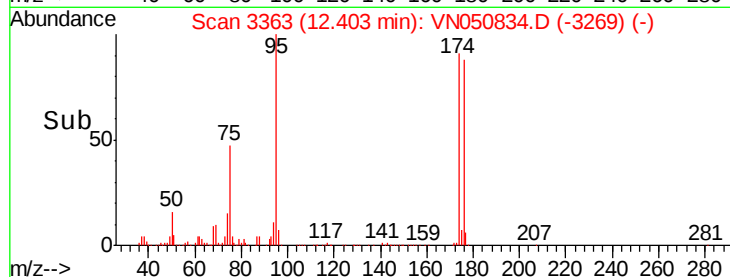
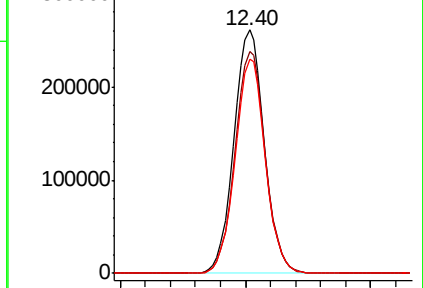
176 87.8 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

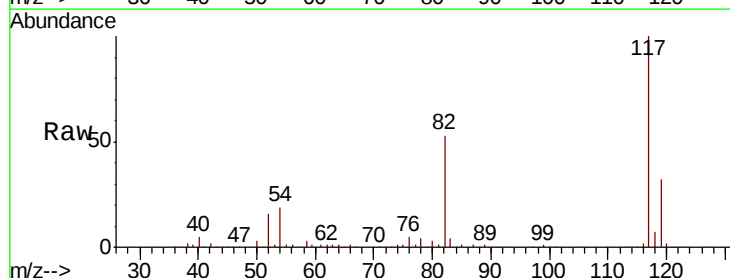
Tgt Ion: 117 Resp: 972549

Ion Ratio Lower Upper

117 100

82 53.3 42.6 64.0

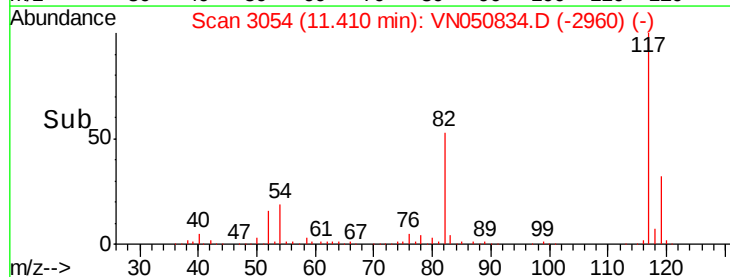
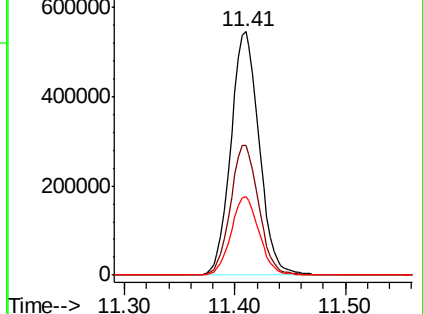
119 32.5 25.8 38.6

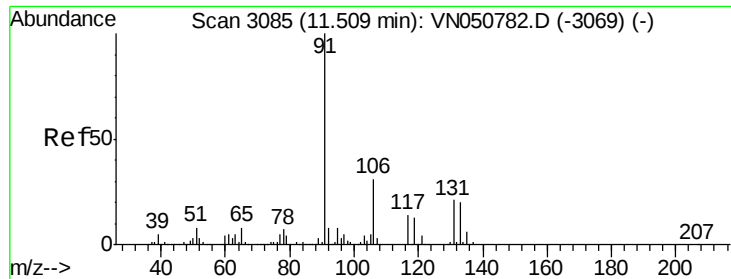


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)





#67

Ethyl Benzene

Concen: 0.24 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

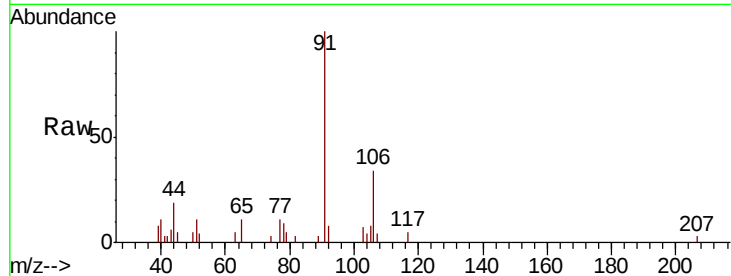
WS-GRAVEL-STAIN

Tot Ion: 91 Resp: 9965

Ion Ratio Lower Upper

91 100

106 34.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN050782.D (-3069) (-)

Ion 106.00 (105.70 to 106.70): VN050782.D (-3069) (-)

11.51

6000

5000

4000

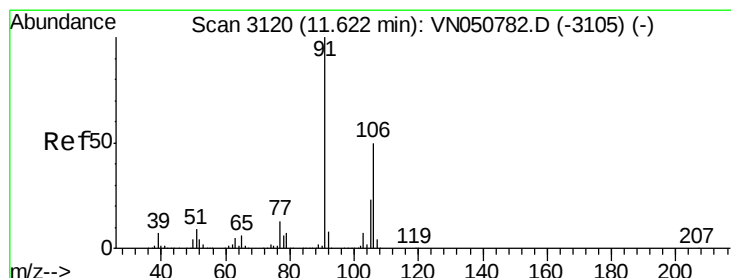
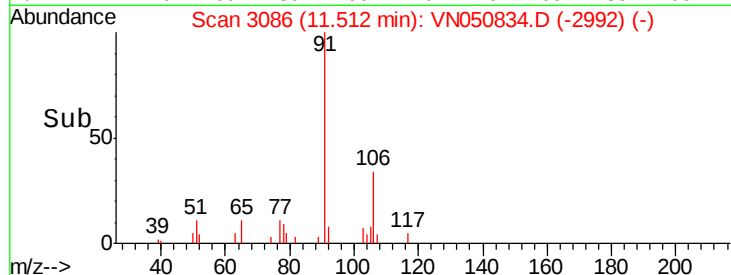
3000

2000

1000

0

Time--> 11.45 11.50 11.55



#68

m/p-Xylenes

Concen: 0.70 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. -0.01 min

Lab File: VN050834.D

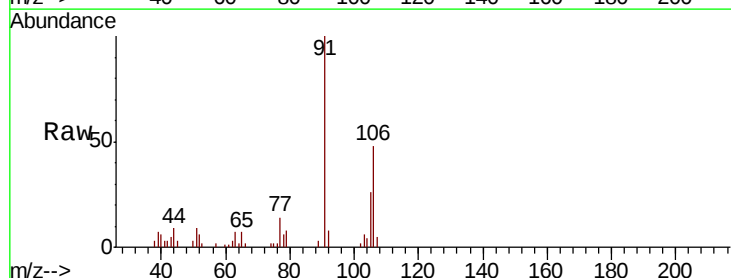
Acq: 22 Aug 2018 21:12

Tgt Ion: 106 Resp: 10981

Ion Ratio Lower Upper

106 100

91 209.2 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VN050782.D (-3105) (-)

Ion 91.00 (90.70 to 91.70): VN050782.D (-3105) (-)

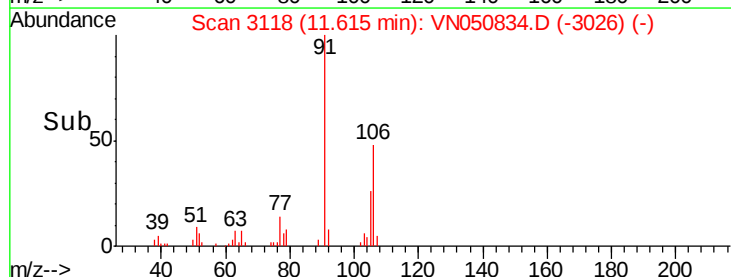
11.62

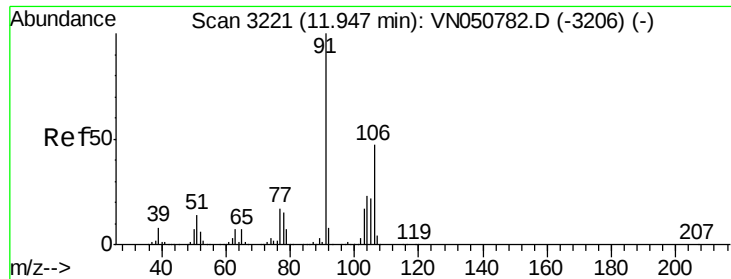
10000

5000

0

Time--> 11.55 11.60 11.65

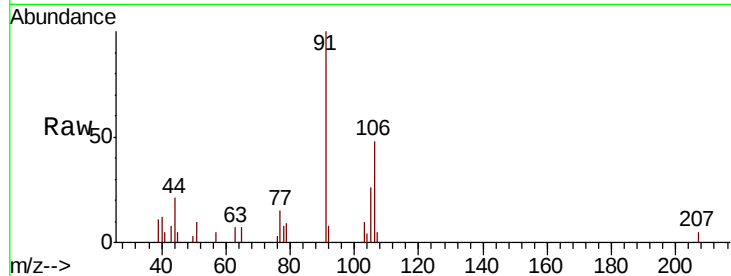




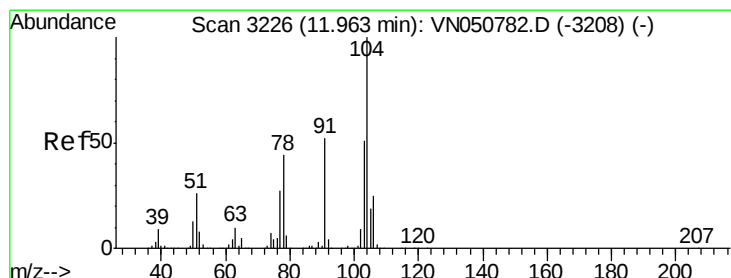
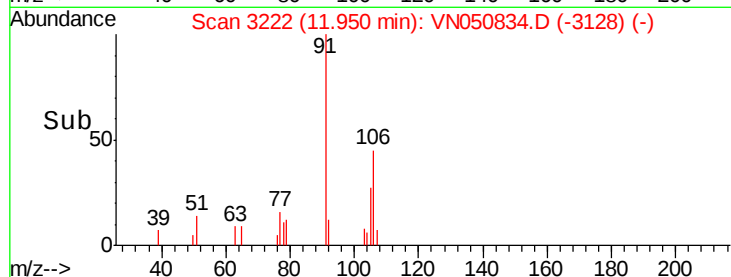
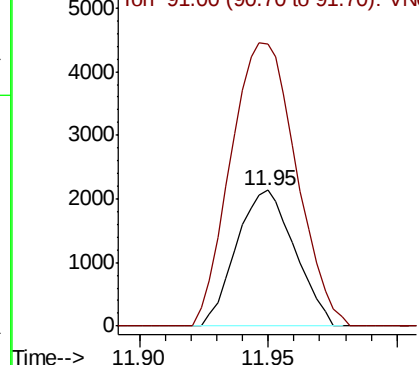
#69
o-Xylene
Concen: 0.22 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050834.D
Acq: 22 Aug 2018 21:12

Instrument :
MSVOA_N
ClientSampleId :
WS-GRAVEL-STAIN

Tot Ion:106 Resp: 3365
Ion Ratio Lower Upper
106 100
91 233.9 106.5 319.5

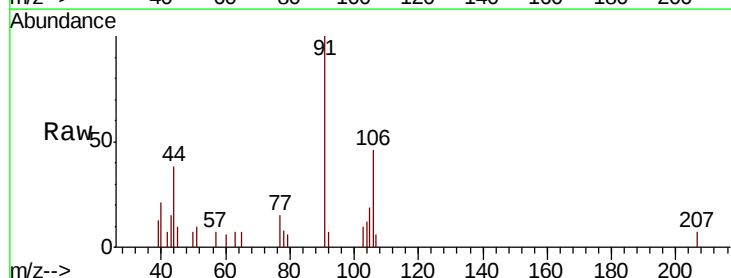


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

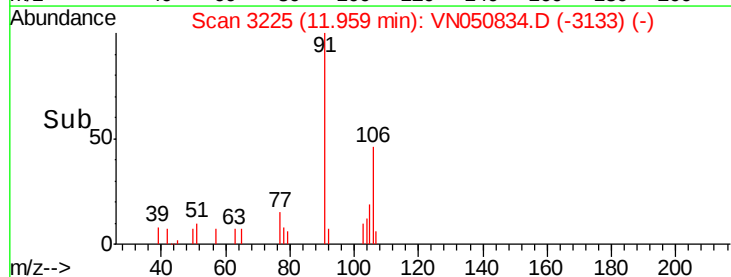
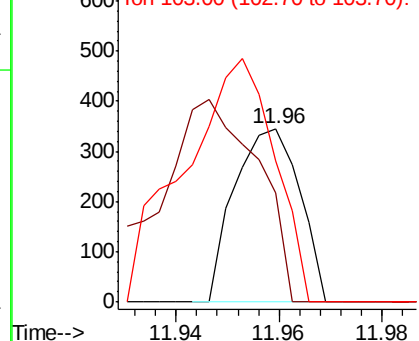


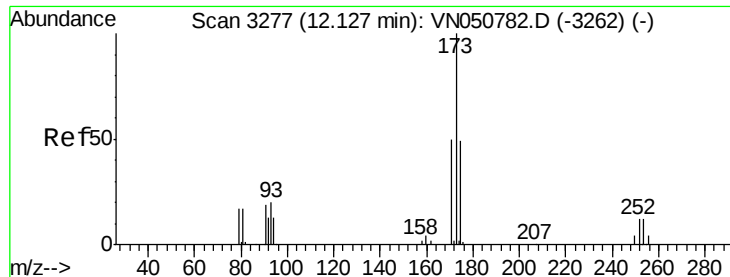
#70
Styrene
Concen: 1.28 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VN050834.D
Acq: 22 Aug 2018 21:12

Tgt Ion:104 Resp: 302
Ion Ratio Lower Upper
104 100
78 173.2 38.2 57.4#
103 197.4 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.24 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

WS-GRAVEL-STAIN

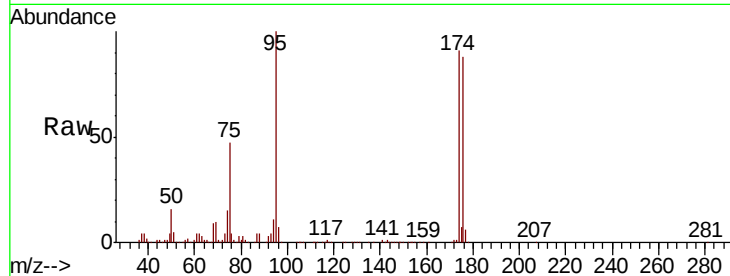
Tot Ion:173 Resp: 1527

Ion Ratio Lower Upper

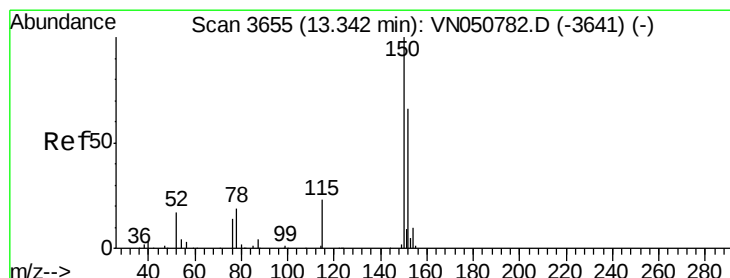
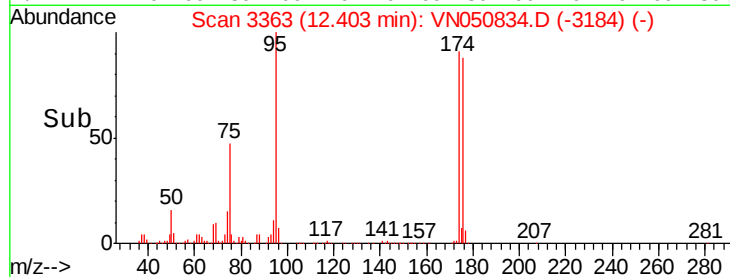
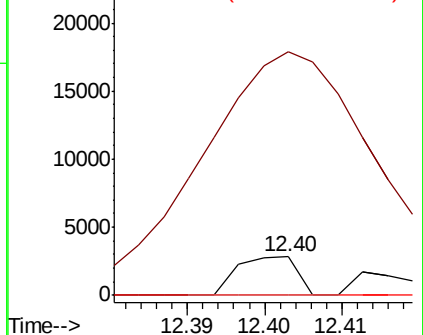
173 100

175 1601.5 24.4 73.4#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

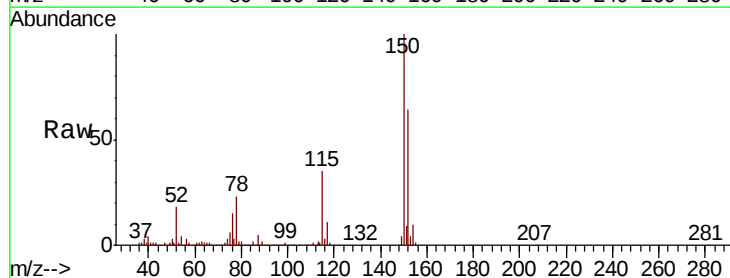
Tgt Ion:152 Resp: 356359

Ion Ratio Lower Upper

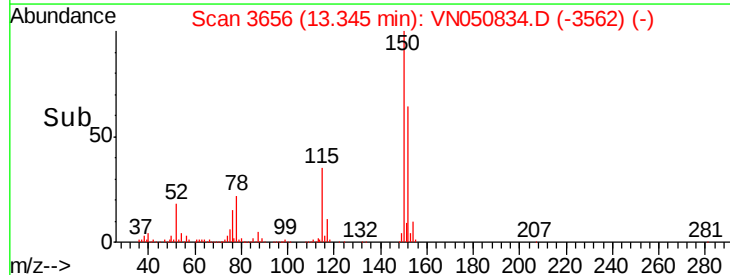
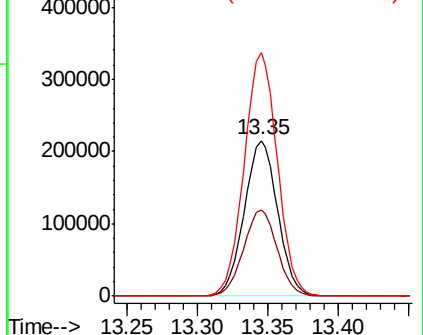
152 100

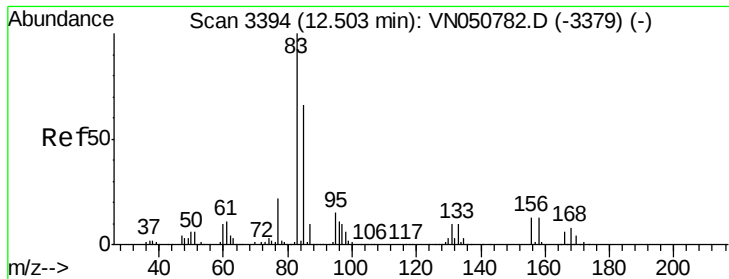
115 56.1 27.8 83.4

150 156.0 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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.54 min Scan# 3407

Delta R.T. 0.04 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

WS-GRAVEL-STAIN

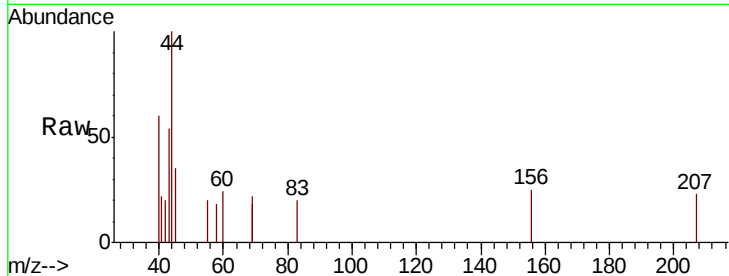
Tot Ion: 83 Resp: 71

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 0.0 31.9 95.7#



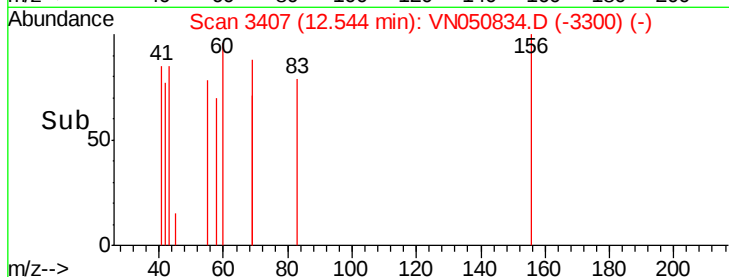
Abundance Ion 82.90 (82.60 to 83.60): VN050834.D (-3300) (-)

Ion 130.80 (130.50 to 131.50): VN050834.D (-3300) (-)

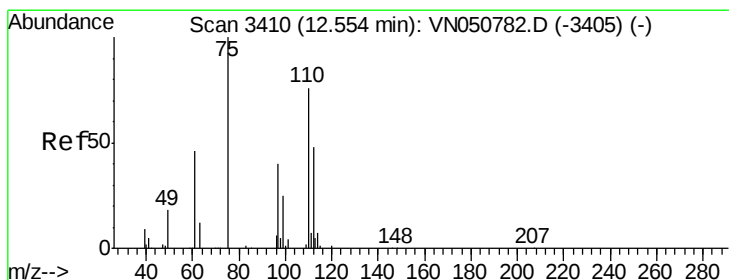
Ion 84.90 (84.60 to 85.60): VN050834.D (-3300) (-)

12.54

12.55



Time-->



#76

1,2,3-Trichloropropane

Concen: 32.65 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050834.D

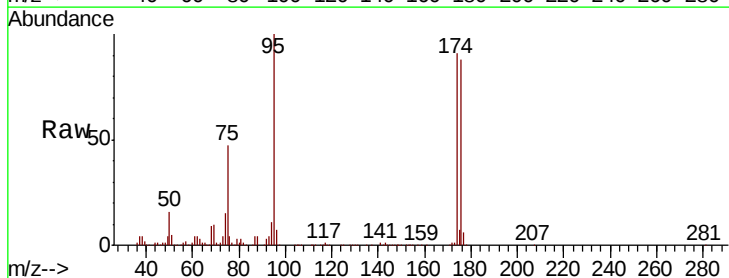
Acq: 22 Aug 2018 21:12

Tgt Ion: 75 Resp: 203764

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

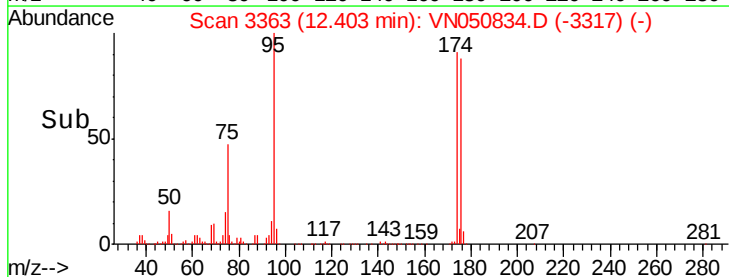


Abundance Ion 74.90 (74.60 to 75.60): VN050834.D (-3317) (-)

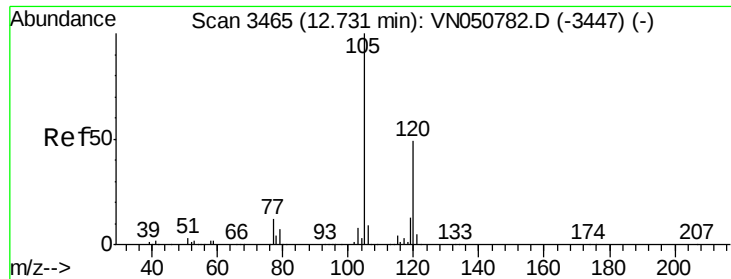
Ion 77.00 (76.70 to 77.70): VN050834.D (-3317) (-)

12.40

12.50



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.34 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

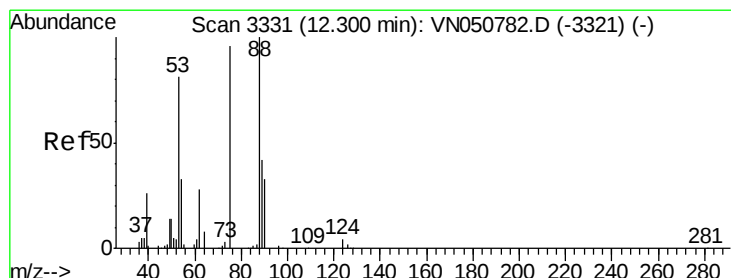
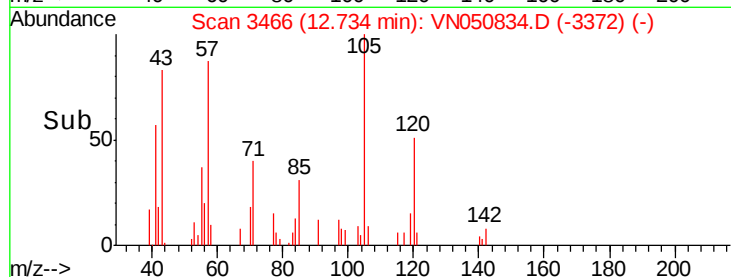
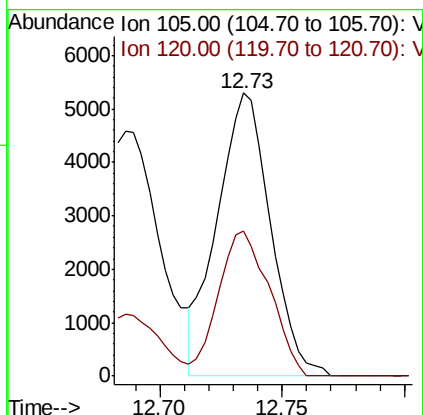
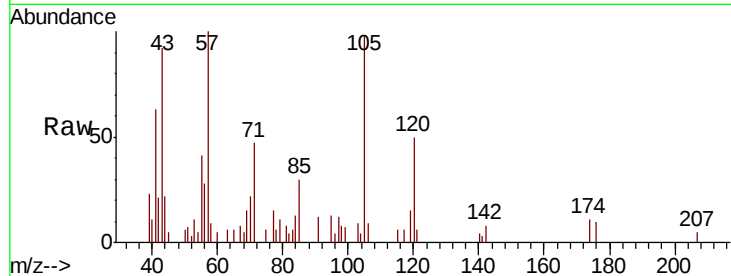
WS-GRAVEL-STAIN

Tot Ion:105 Resp: 8048

Ion Ratio Lower Upper

105 100

120 49.0 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 110.36 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

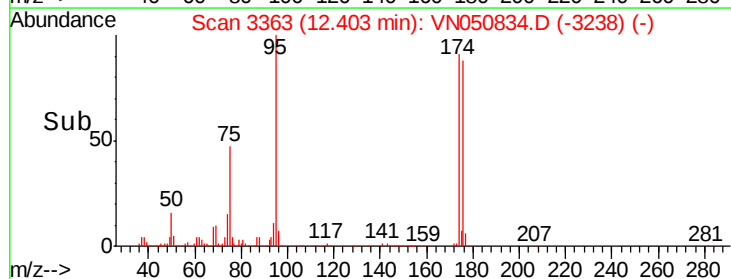
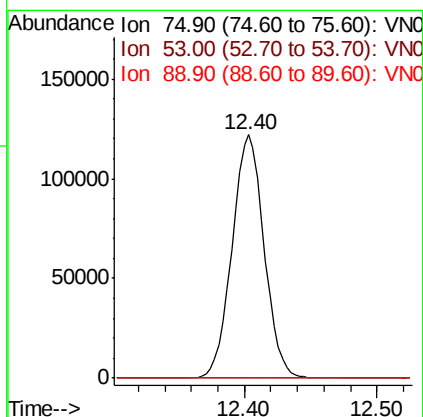
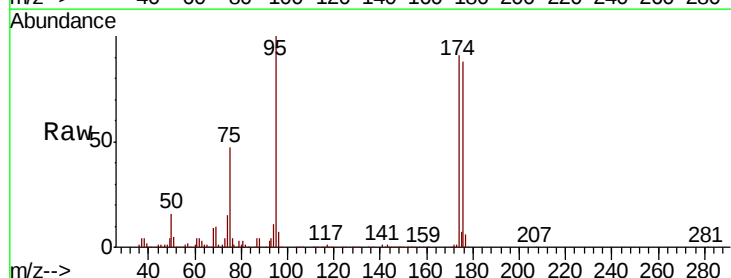
Tgt Ion: 75 Resp: 203764

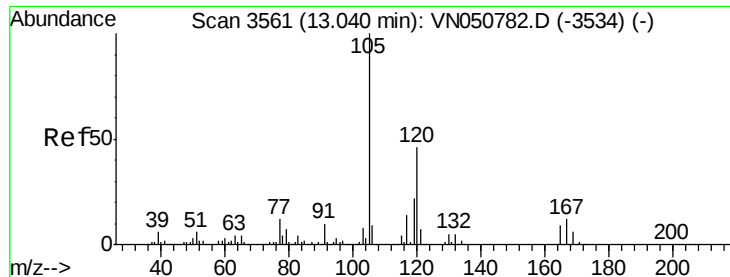
Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

89 0.0 36.1 54.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.98 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

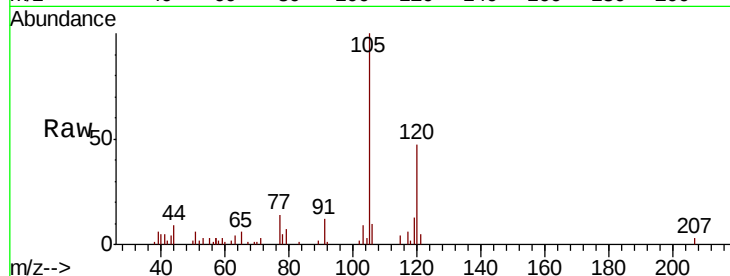
WS-GRAVEL-STAIN

Tot Ion:105 Resp: 23440

Ion Ratio Lower Upper

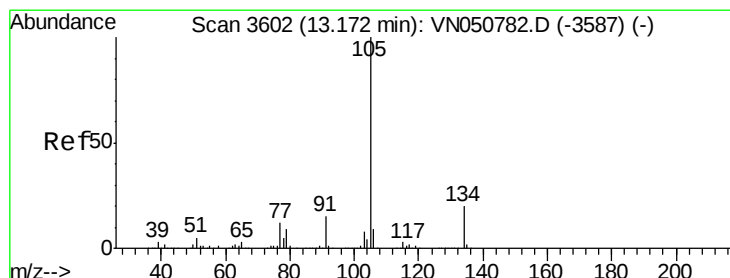
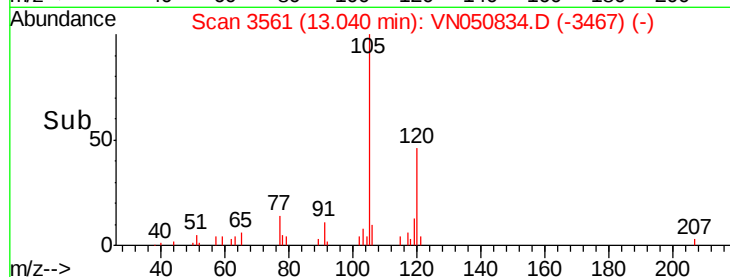
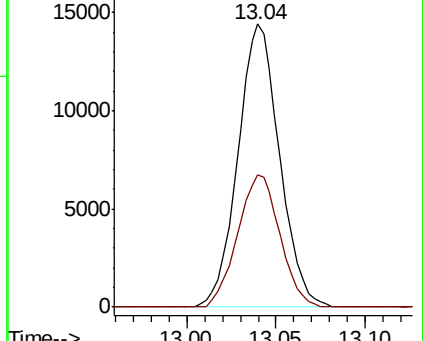
105 100

120 47.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.87 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.13 min

Lab File: VN050834.D

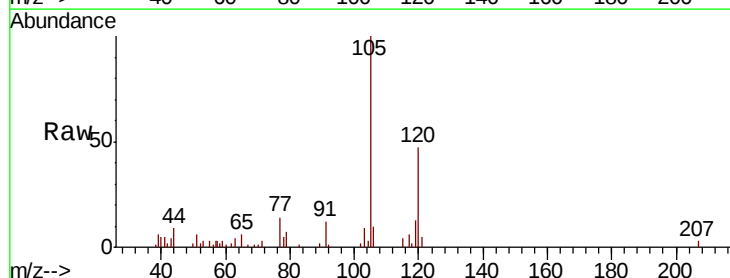
Acq: 22 Aug 2018 21:12

Tgt Ion:105 Resp: 23440

Ion Ratio Lower Upper

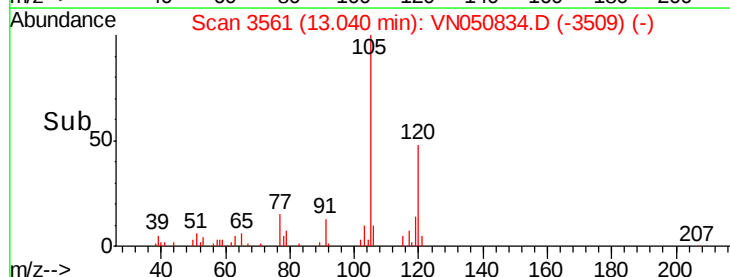
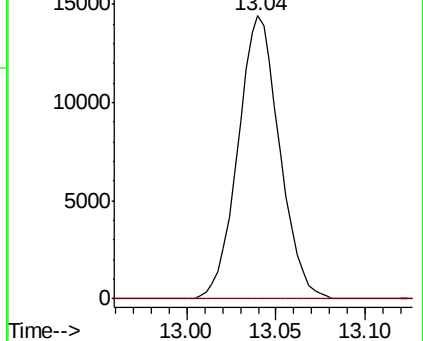
105 100

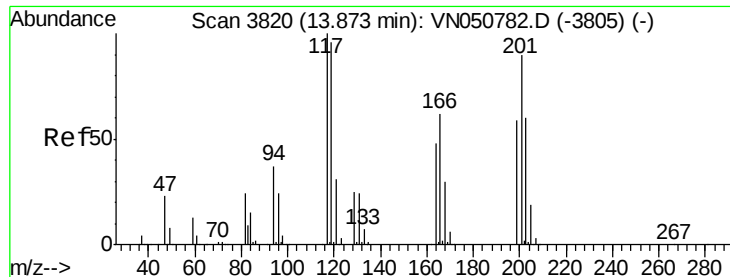
134 0.0 10.3 30.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.28 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

Instrument :

MSVOA_N

ClientSampleId :

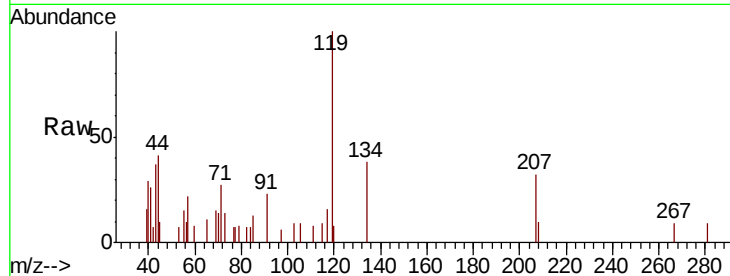
WS-GRAVEL-STAIN

Tot Ion:117 Resp: 400

Ion Ratio Lower Upper

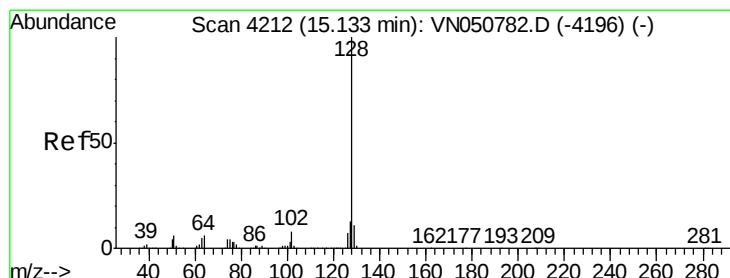
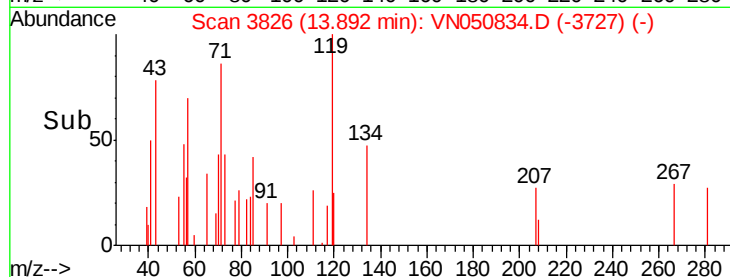
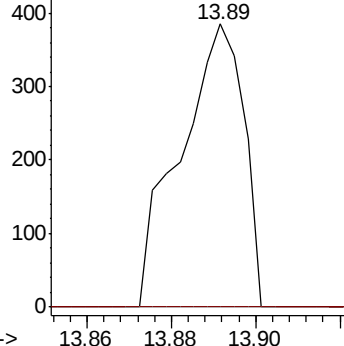
117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 5.90 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050834.D

Acq: 22 Aug 2018 21:12

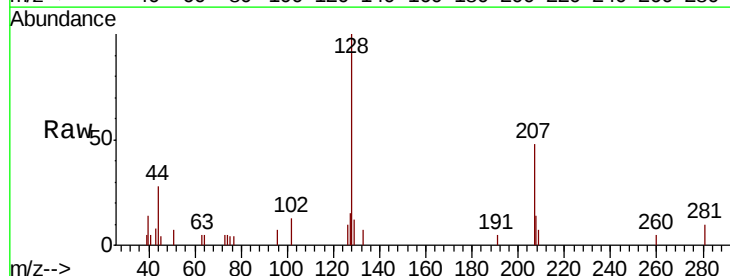
Tgt Ion:128 Resp: 7916

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 11.2 8.7 13.1



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

