

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050990.D
 Acq On : 31 Aug 2018 16:04
 Operator : MD\SY
 Sample : J4270-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-083018

Quant Time: Aug 31 23:02:37 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	568366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	933351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	790986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	364788	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.60	113	358447	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	10.09	98	1265825	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
62) 4-Bromofluorobenzene	12.40	95	343578	37.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.48%	

Target Compounds

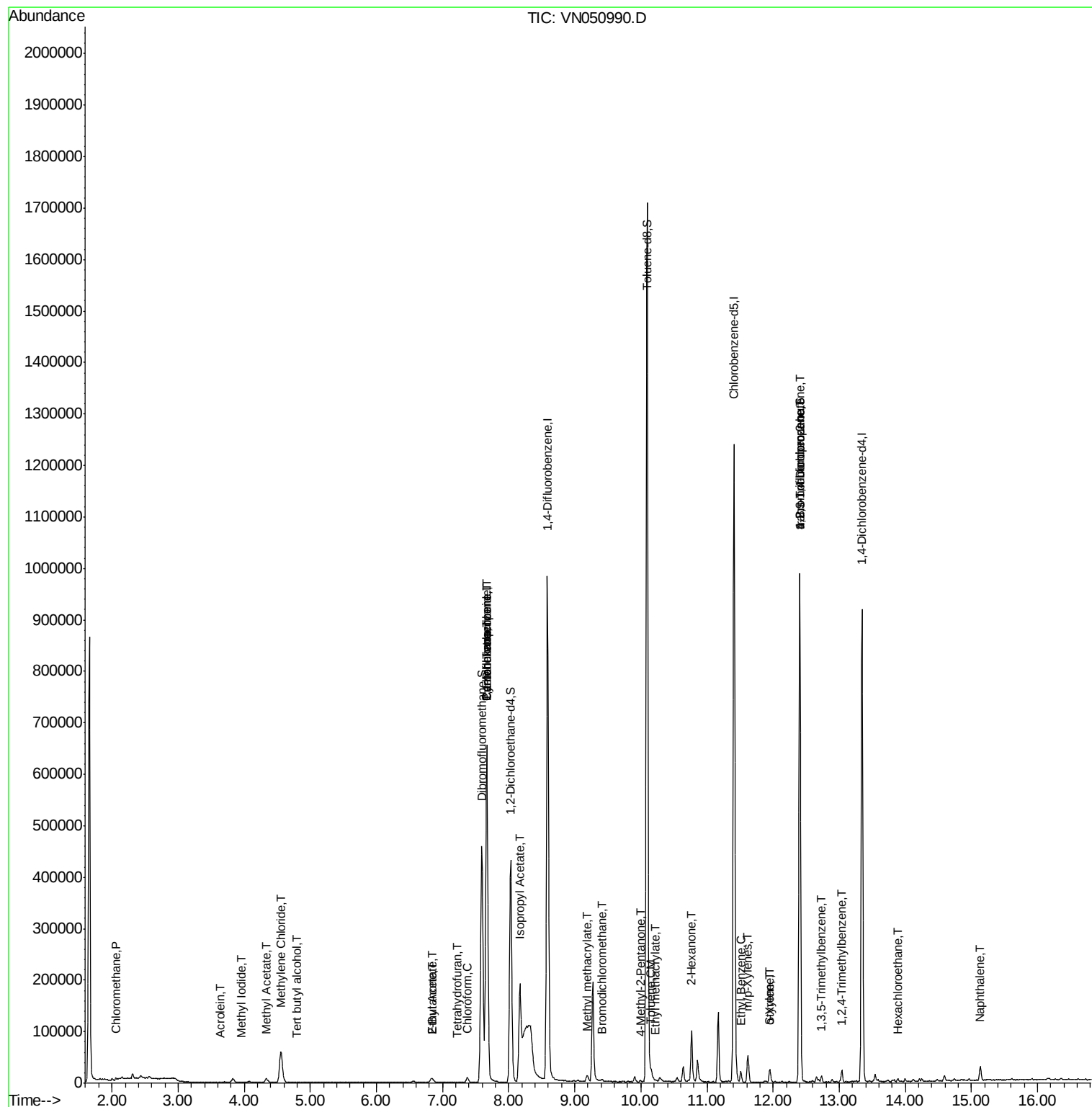
						Qvalue
3) Chloromethane	2.06	50	2191	0.23	ug/l	98
5) Bromomethane	2.57	94	2341	Below	Cal	96
10) Methyl Iodide	3.96	142	167	6.36	ug/l #	43
11) Tert butyl alcohol	4.81	59	317	0.73	ug/l #	72
13) Acrolein	3.62	56	30	18.02	ug/l #	1
18) Methyl Acetate	4.34	43	13617	2.11	ug/l	92
20) Methylene Chloride	4.56	84	48881	6.34	ug/l	98
25) 2-Butanone	6.84	43	6828	2.48	ug/l #	86
29) Tetrahydrofuran	7.22	42	342	0.22	ug/l #	48
30) Chloroform	7.37	83	10265	0.81	ug/l	99
31) Cyclohexane	7.67	56	9988	1.32	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38076	3.46	ug/l #	49
37) Ethyl Acetate	6.84	43	6828	1.08	ug/l #	67
38) Carbon Tetrachloride	7.67	117	49374	4.43	ug/l #	17
43) Isopropyl Acetate	8.17	43	240904	22.15	ug/l	92
47) Bromodichloromethane	9.40	83	2529	0.24	ug/l #	90
48) Methyl methacrylate	9.18	41	7001	1.26	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	1752	0.27	ug/l #	75
52) Toluene	10.16	92	4722	0.24	ug/l	90
56) Ethyl methacrylate	10.23	69	1636	2.51	ug/l #	73
59) 2-Hexanone	10.77	43	15802	3.66	ug/l	65
67) Ethyl Benzene	11.51	91	15891	0.47	ug/l	98
68) m/p-Xylenes	11.62	106	16722	1.31	ug/l	99
69) o-Xylene	11.95	106	5094	0.42	ug/l	89
70) Styrene	11.96	104	2639	1.39	ug/l #	82
76) 1,2,3-Trichloropropane	12.40	75	160621	33.60	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5026	0.28	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	160621	113.57	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	13236	0.72	ug/l	99
90) Hexachloroethane	13.89	117	589	0.36	ug/l #	4
95) Naphthalene	15.13	128	23166	7.29	ug/l #	95

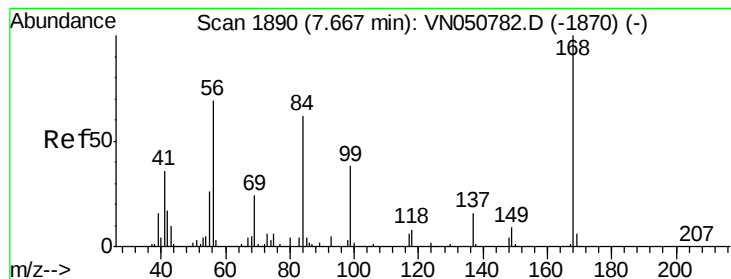
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

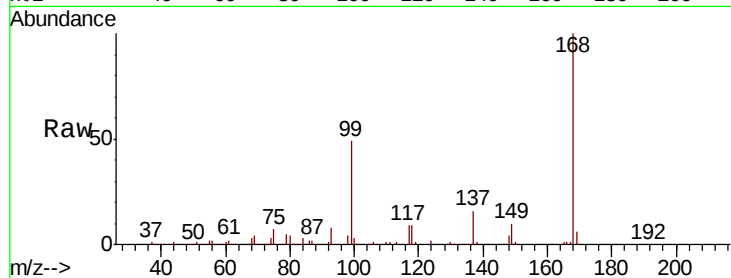
BU-02-083018

Tot Ion:168 Resp: 568366

Ion Ratio Lower Upper

168 100

99 48.8 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

250000

200000

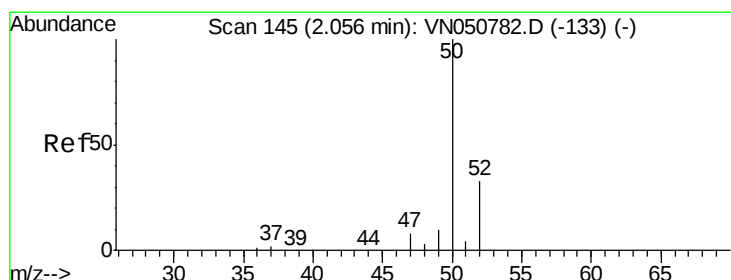
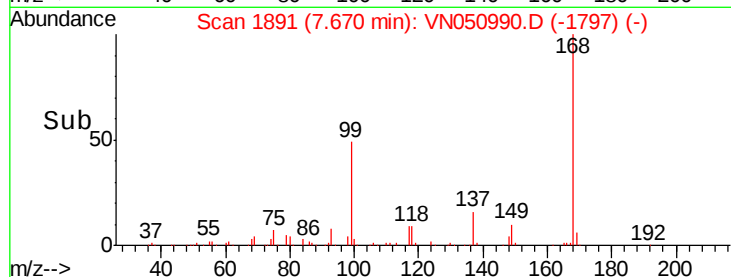
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050990.D

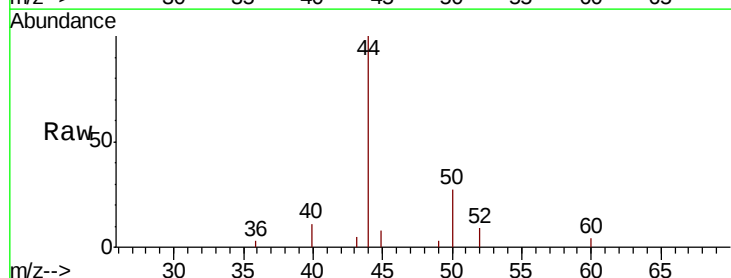
Acq: 31 Aug 2018 16:04

Tgt Ion: 50 Resp: 2191

Ion Ratio Lower Upper

50 100

52 31.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

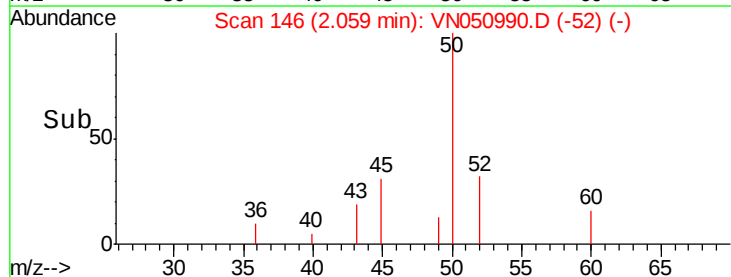
1500

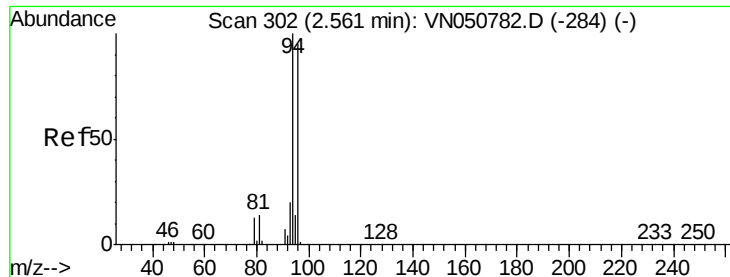
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

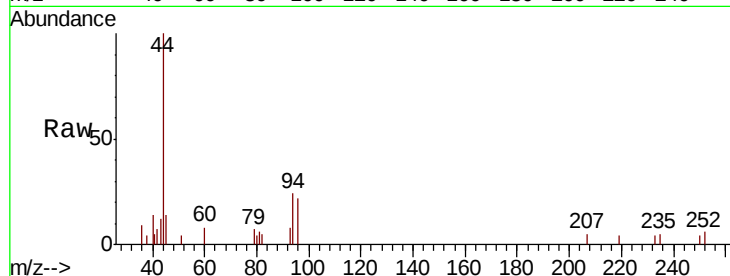
BU-02-083018

Tot Ion: 94 Resp: 2341

Ion Ratio Lower Upper

94 100

96 91.0 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050990.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050990.D (-209) (-)

2.57

1200

1000

800

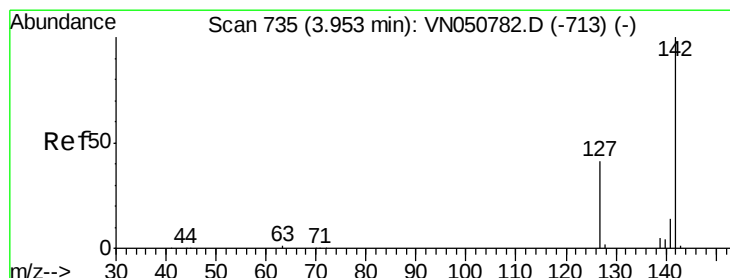
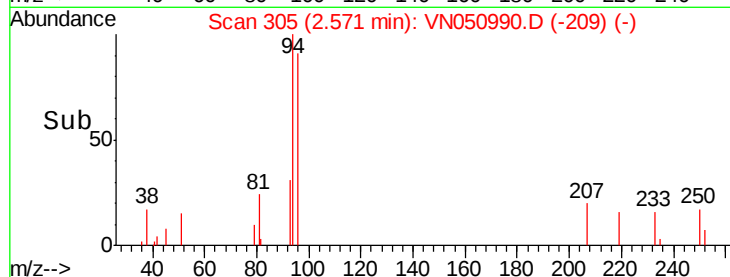
600

400

200

0

Time--> 2.50 2.55 2.60



#10

Methyl Iodide

Concen: 6.36 ug/l

RT: 3.96 min Scan# 738

Delta R.T. 0.01 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

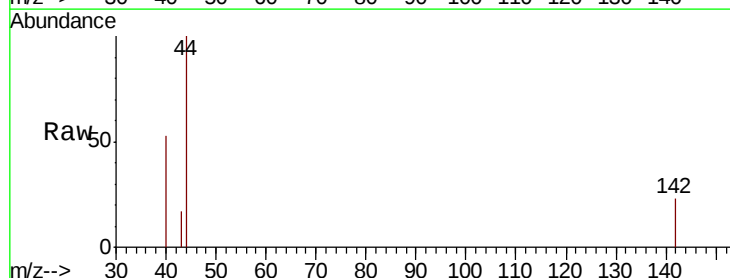
Tgt Ion: 142 Resp: 167

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050990.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050990.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050990.D (-642) (-)

3.96

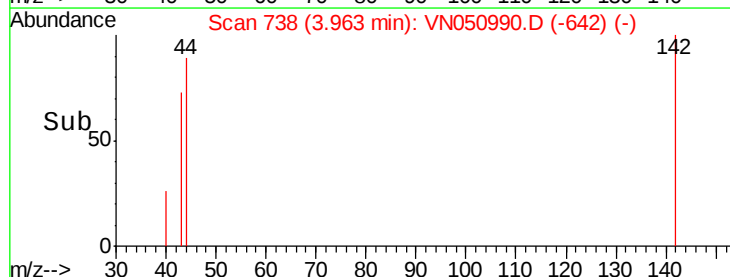
300

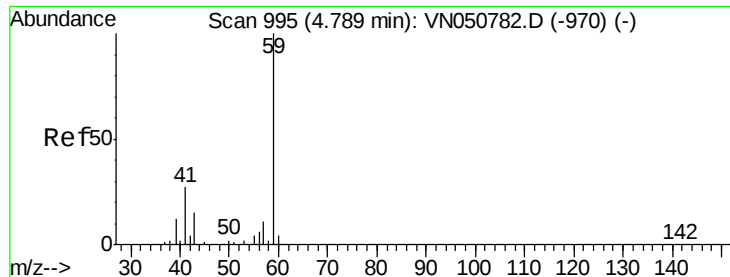
200

100

0

Time--> 3.94 3.95 3.96 3.97 3.98

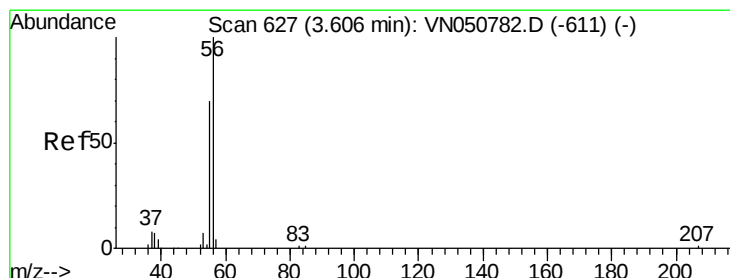
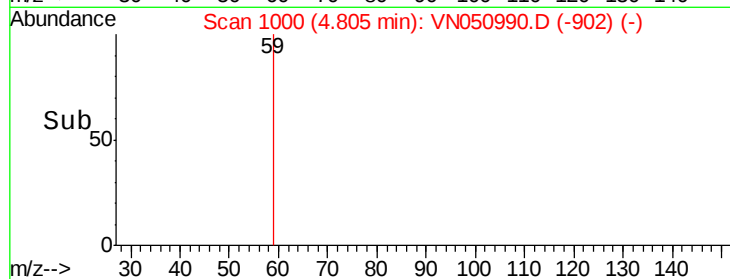
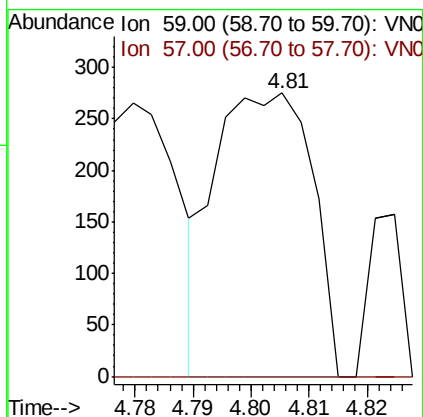
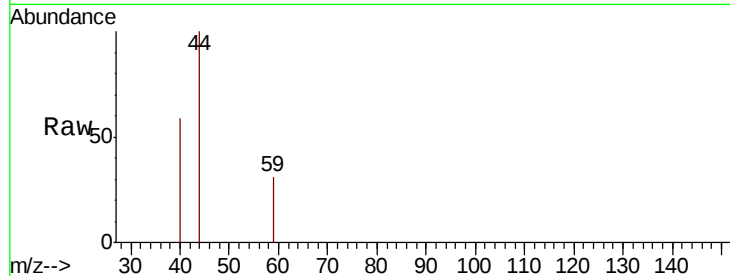




#11
Tert butyl alcohol
Concen: 0.73 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. 0.02 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

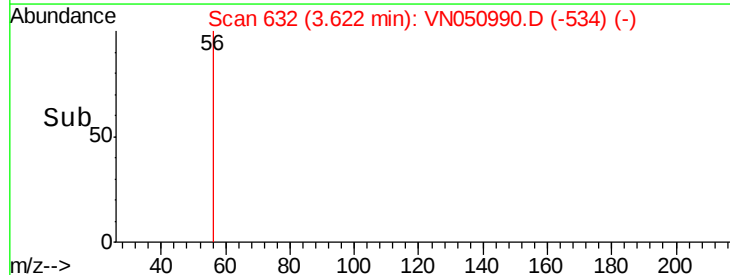
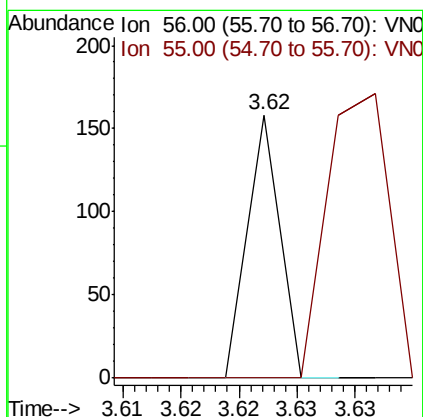
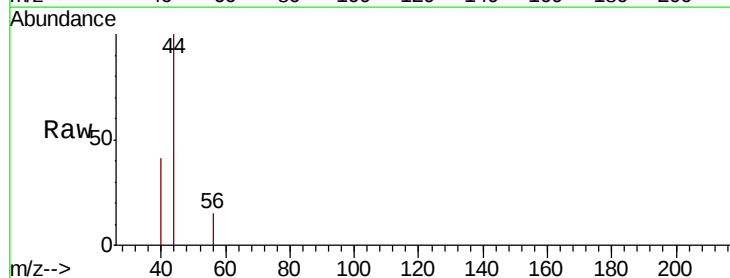
Instrument :
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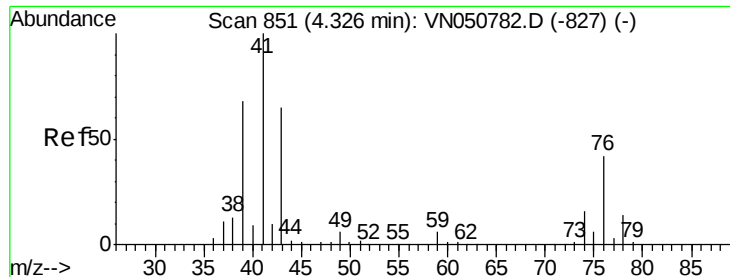
Tot Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 18.02 ug/l
RT: 3.62 min Scan# 632
Delta R.T. 0.02 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 210.0 57.7 86.5#

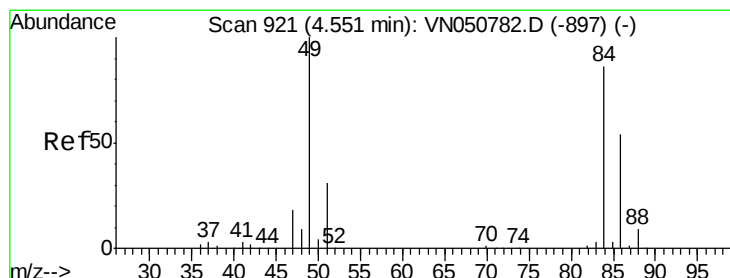
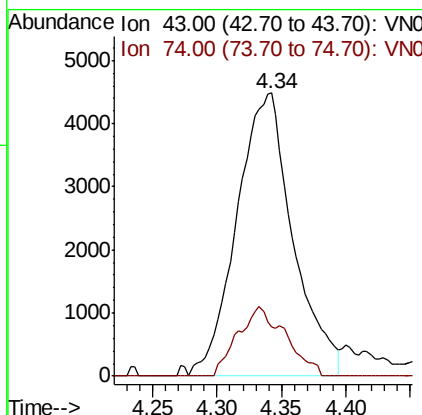
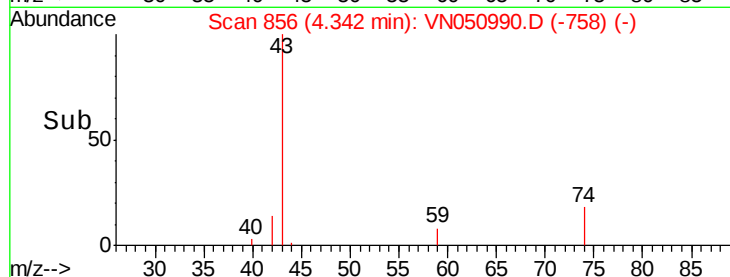
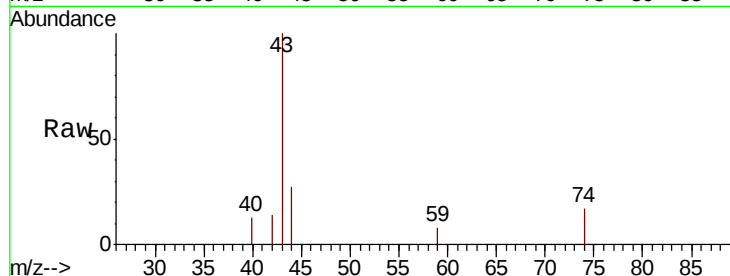




#18
Methyl Acetate
Concen: 2.11 ug/l
RT: 4.34 min Scan# 856
Delta R.T. 0.02 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

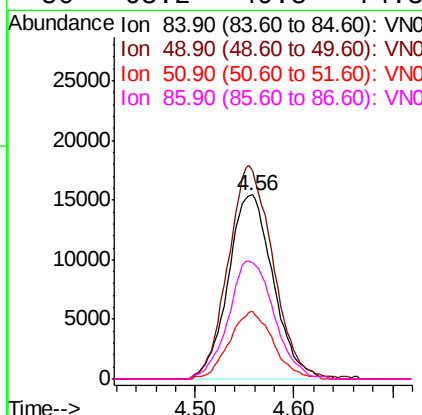
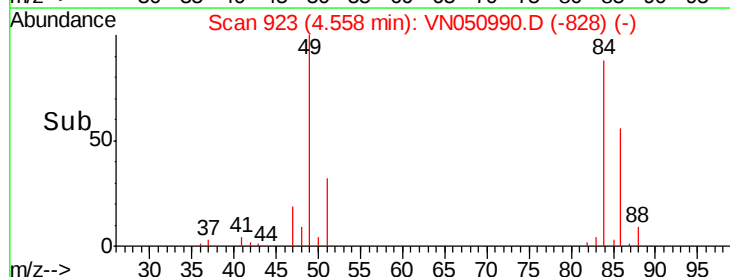
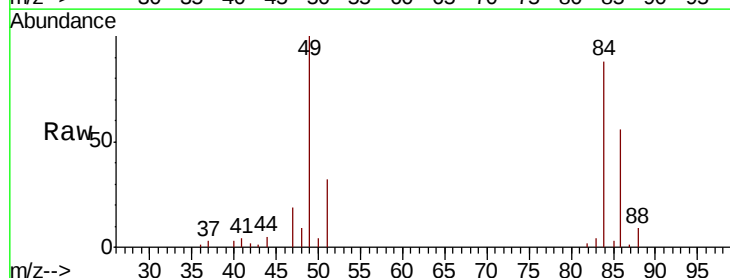
Instrument :
MSVOA_N
ClientSampled :
BU-02-083018

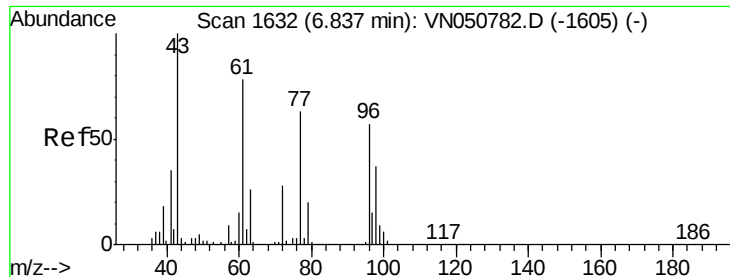
Tot Ion: 43 Resp: 13617
Ion Ratio Lower Upper
43 100
74 20.9 19.8 29.8



#20
Methylene Chloride
Concen: 6.34 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion: 84 Resp: 48881
Ion Ratio Lower Upper
84 100
49 113.5 93.2 139.8
51 36.6 29.0 43.6
86 63.2 49.8 74.8

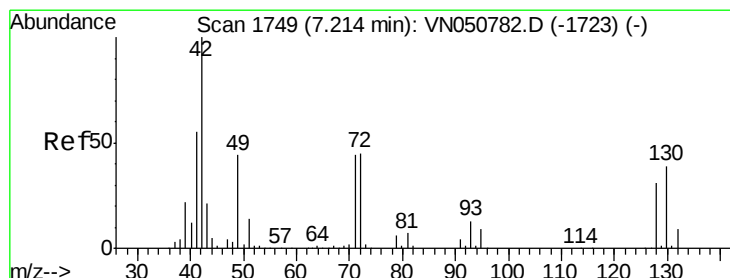
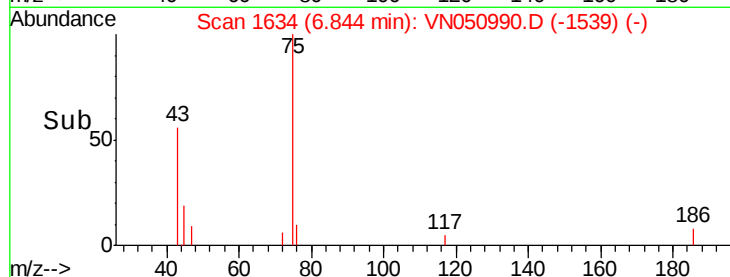
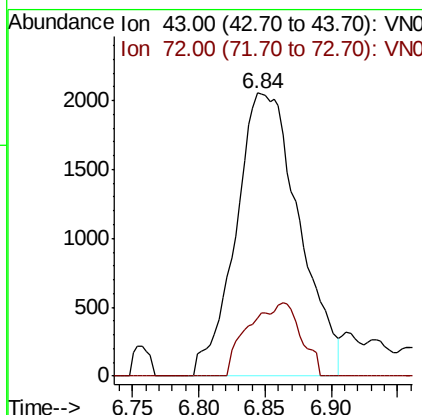
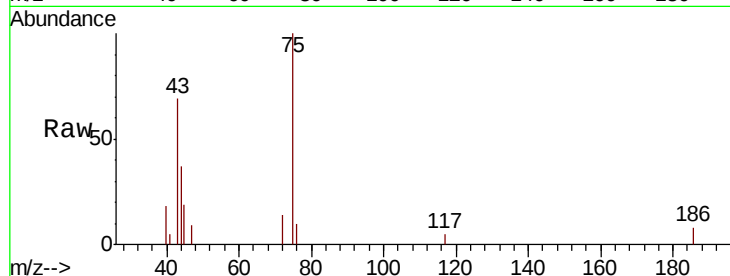




#25
 2-Butanone
 Concen: 2.48 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

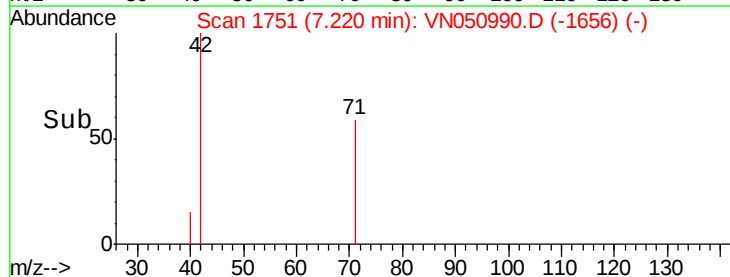
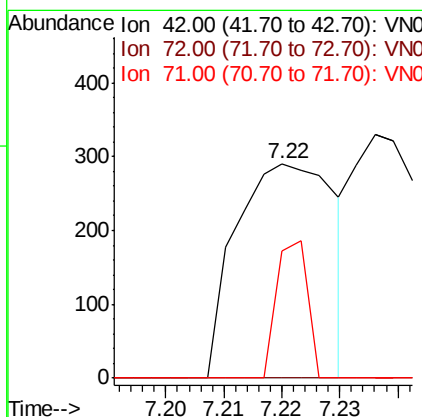
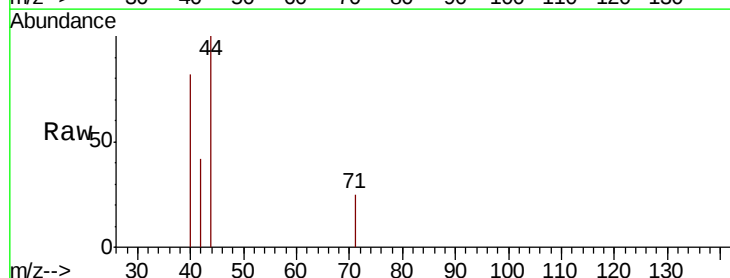
Instrument :
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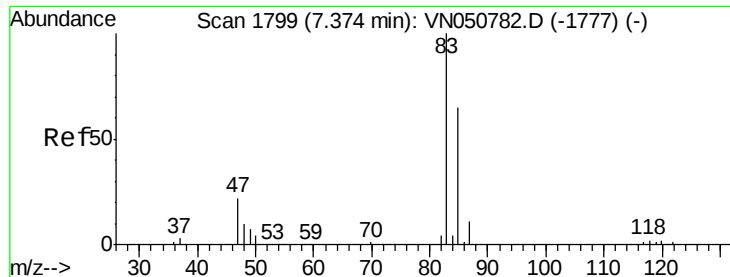
Tot Ion: 43 Resp: 6828
 Ion Ratio Lower Upper
 43 100
 72 20.3 22.3 33.5#



#29
 Tetrahydrofuran
 Concen: 0.22 ug/l
 RT: 7.22 min Scan# 1751
 Delta R.T. 0.01 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

Tgt Ion: 42 Resp: 342
 Ion Ratio Lower Upper
 42 100
 72 0.0 35.5 53.3#
 71 20.2 33.7 50.5#

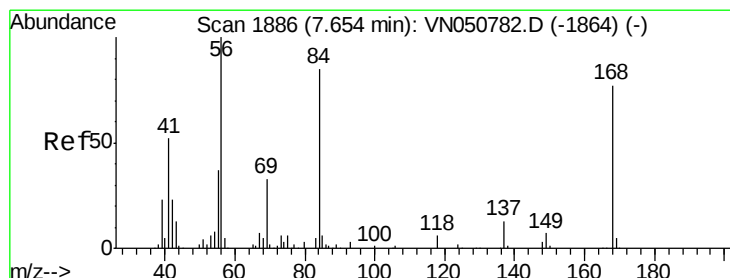
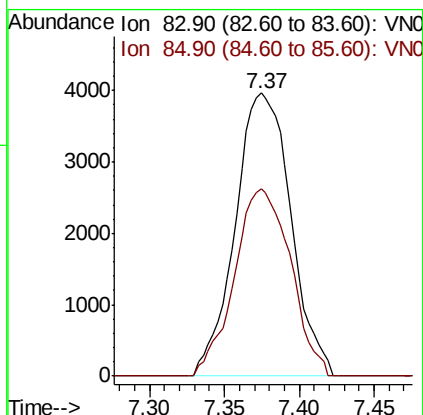
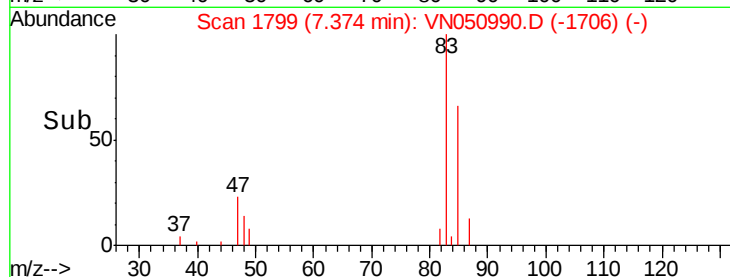
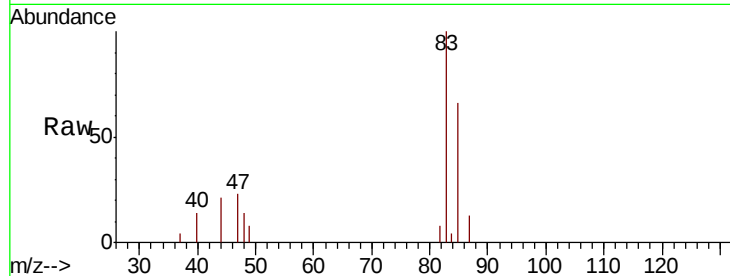




#30
Chloroform
Concen: 0.81 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

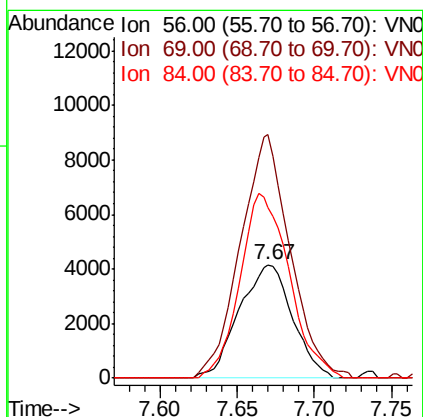
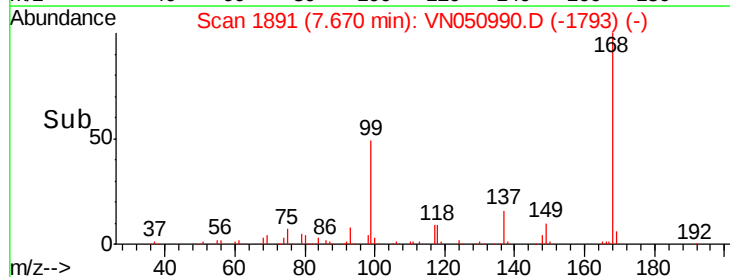
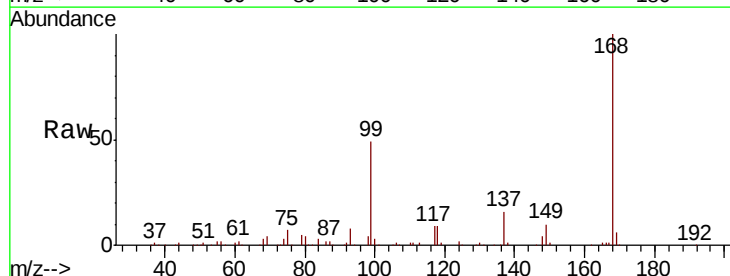
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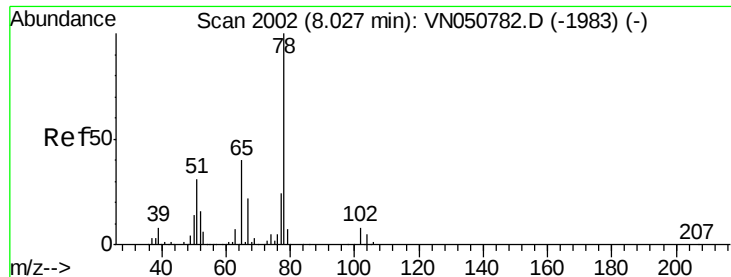
Tot Ion: 83 Resp: 10265
Ion Ratio Lower Upper
83 100
85 66.4 52.2 78.4



#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion: 56 Resp: 9988
Ion Ratio Lower Upper
56 100
69 215.1 26.2 39.4#
84 150.3 68.3 102.5#





#33

1,2-Dichloroethane-d4

Concen: 53.31 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

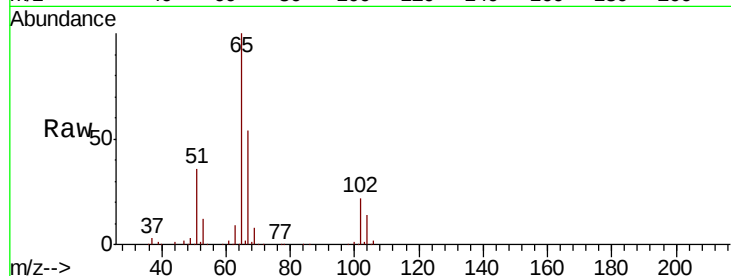
BU-02-083018

Tot Ion: 65 Resp: 364788

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050990.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN050990.D (-1909) (-)

8.03

150000

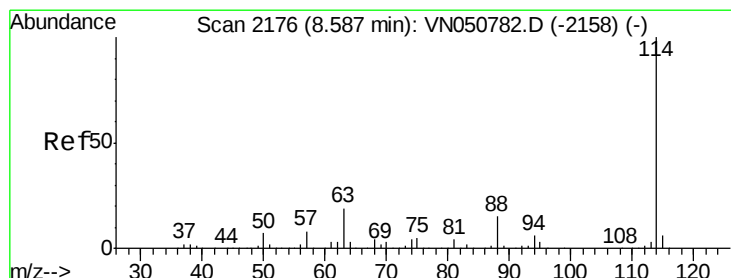
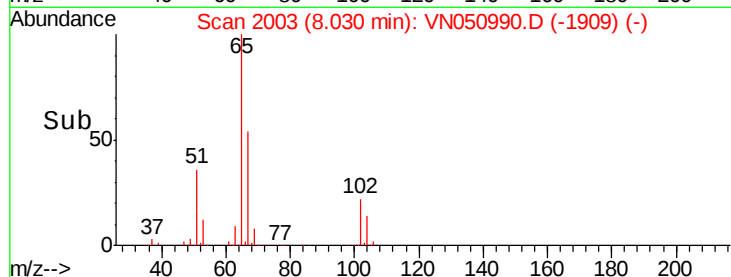
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

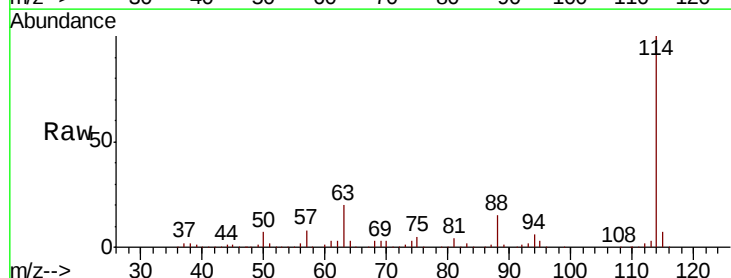
Tgt Ion: 114 Resp: 933351

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

88 14.8 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN050990.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN050990.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN050990.D (-2083) (-)

8.59

600000

500000

400000

300000

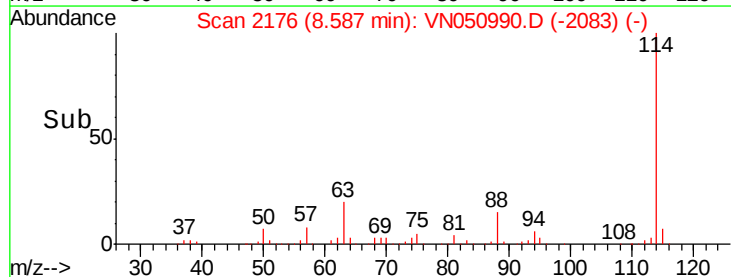
200000

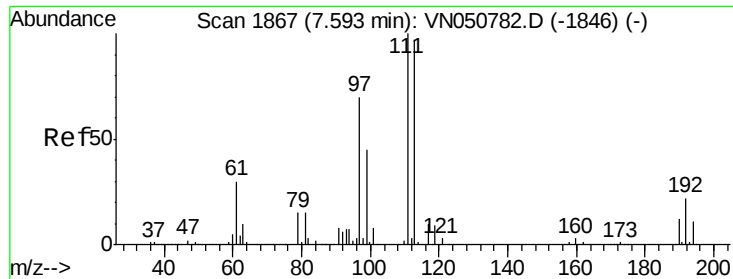
100000

0

8.50 8.60 8.70

Time-->

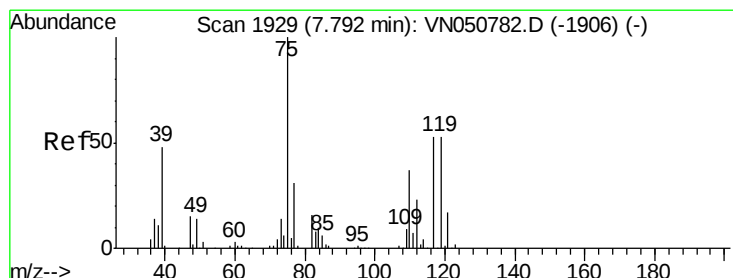
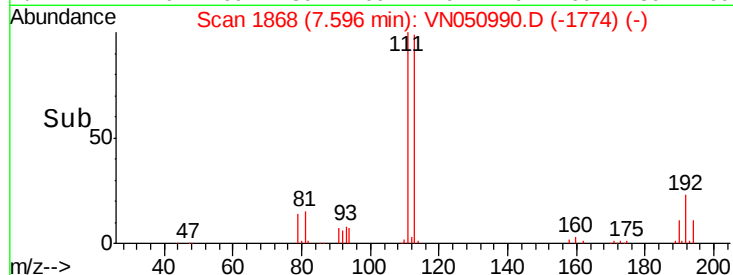
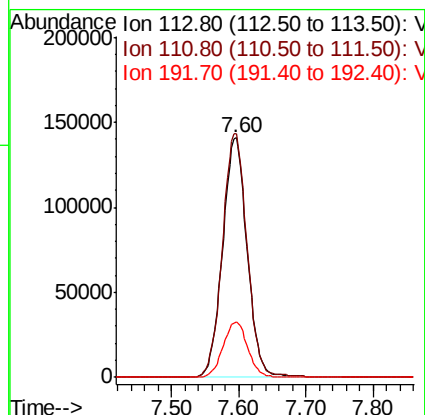
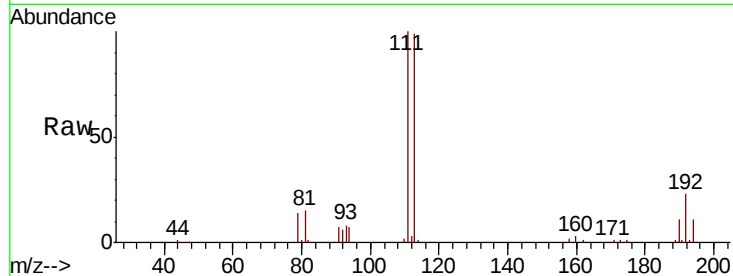




#35
Dibromofluoromethane
Concen: 48.27 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

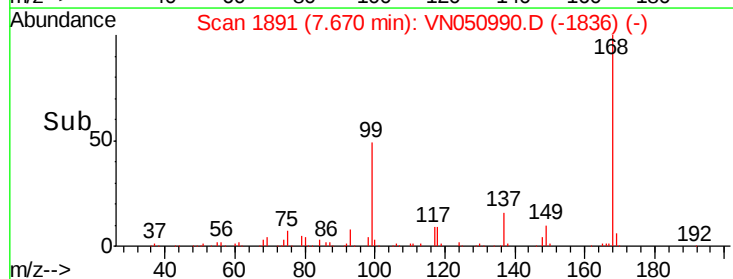
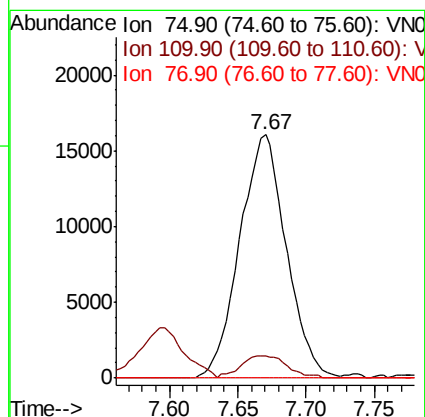
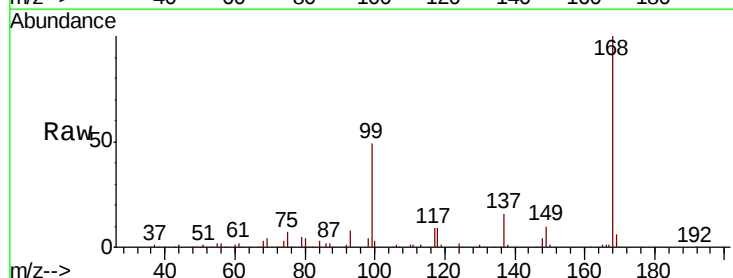
Instrument :
MSVOA_N
ClientSampleId :
BU-02-083018

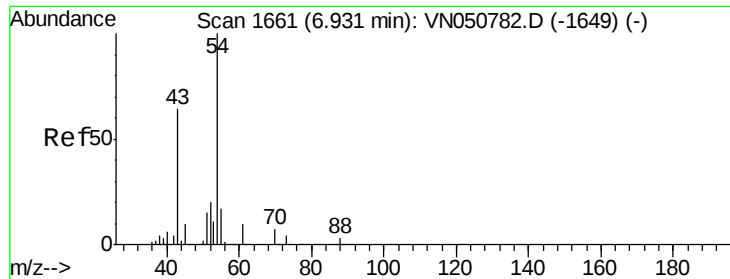
Tot Ion:113 Resp: 358447
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 23.2 18.0 27.0



#36
1,1-Dichloropropene
Concen: 3.46 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.12 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion: 75 Resp: 38076
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 24.8 37.2#

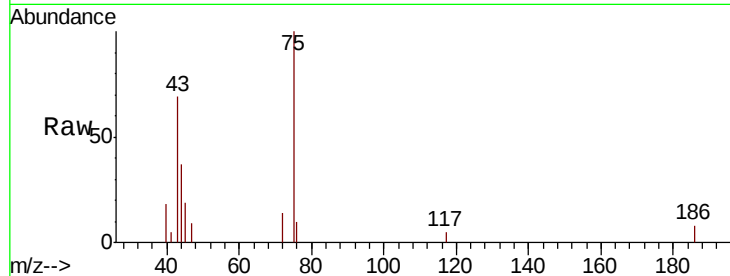




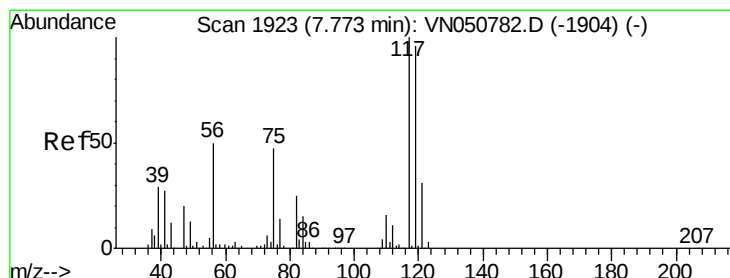
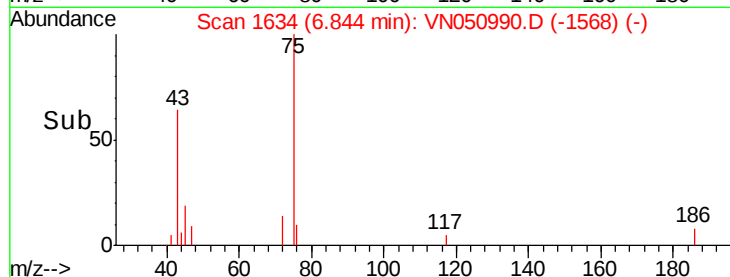
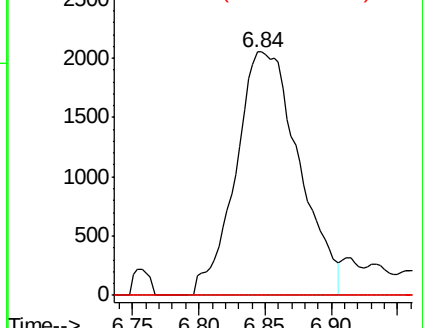
#37
Ethyl Acetate
Concen: 1.08 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. -0.09 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Instrument :
MSVOA_N
ClientSampled :
BU-02-083018

Tot Ion: 43 Resp: 6828
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 8.6 13.0#

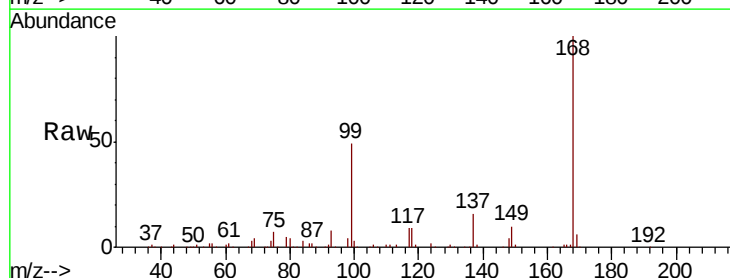


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

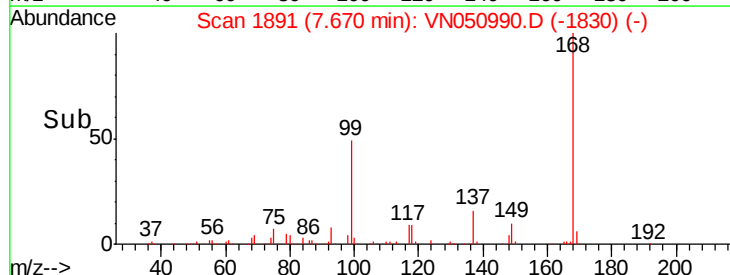
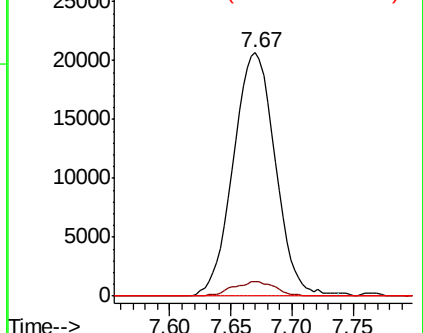


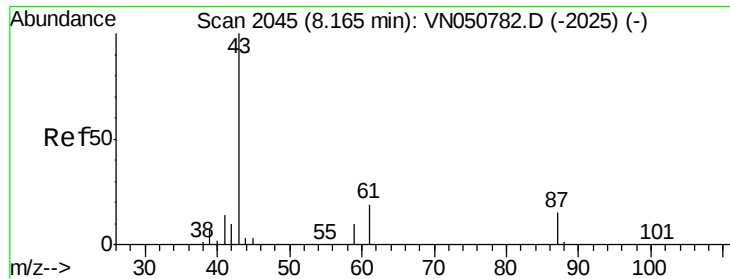
#38
Carbon Tetrachloride
Concen: 4.43 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.10 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion: 117 Resp: 49374
Ion Ratio Lower Upper
117 100
119 6.2 76.3 114.5#
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 22.15 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

BU-02-083018

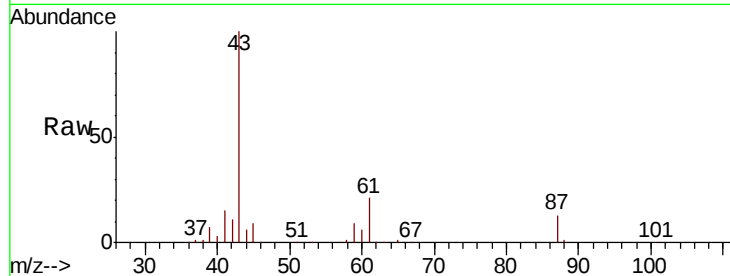
Tot Ion: 43 Resp: 240904

Ion Ratio Lower Upper

43 100

61 17.7 17.5 26.3

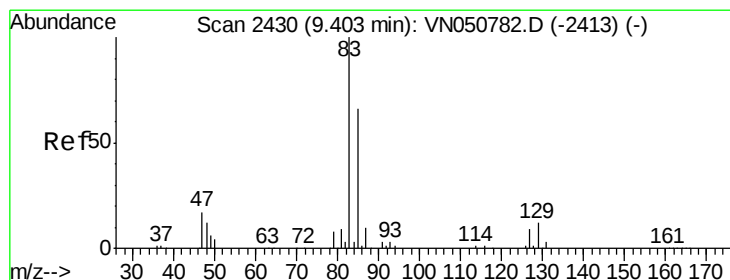
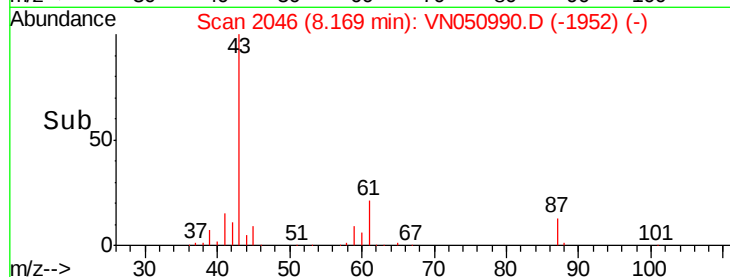
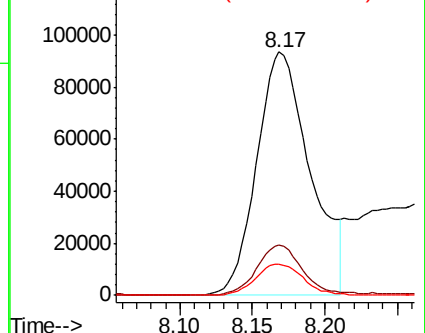
87 11.5 11.3 16.9



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



#47

Bromodichloromethane

Concen: 0.24 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

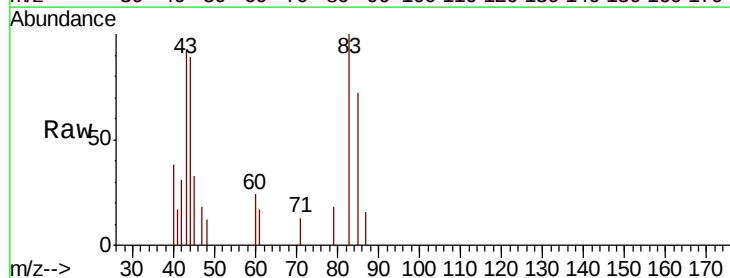
Tgt Ion: 83 Resp: 2529

Ion Ratio Lower Upper

83 100

85 71.9 52.6 78.8

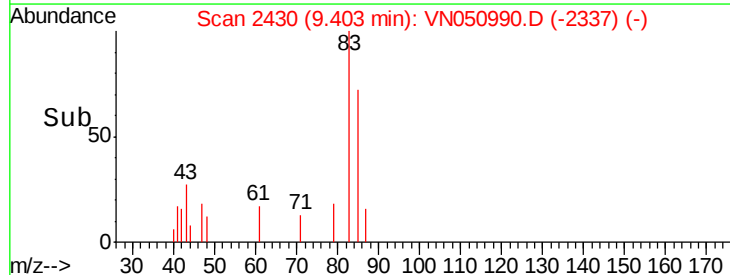
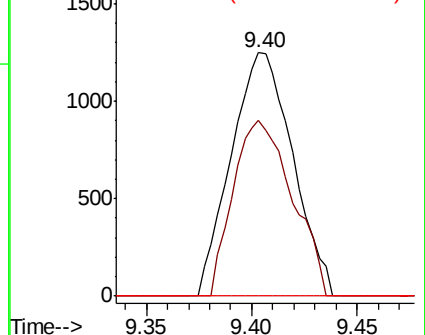
127 0.0 7.2 10.8#

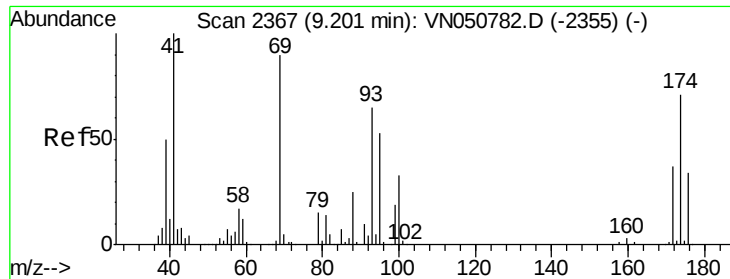


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

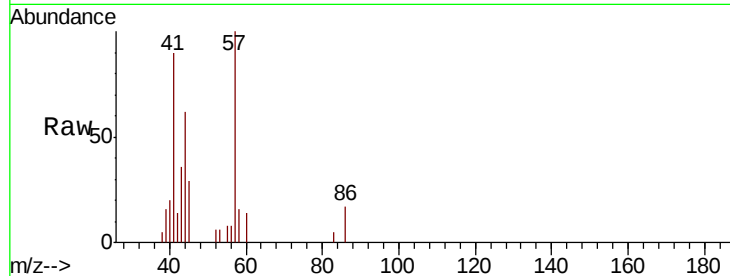




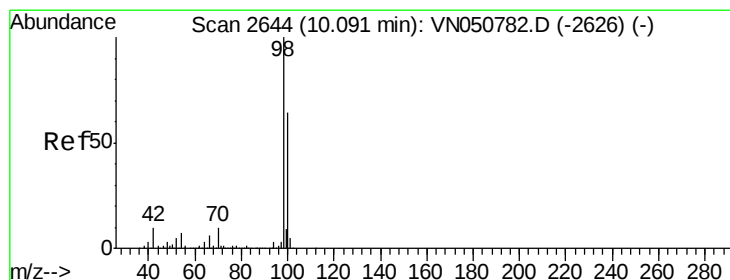
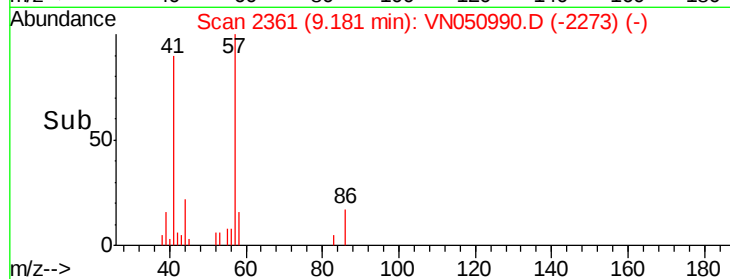
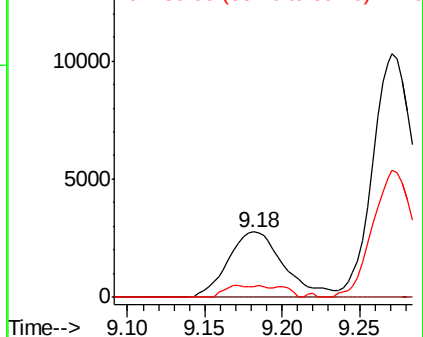
#48
Methvl methacrylate
Concen: 1.26 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Instrument :
MSVOA_N
ClientSampled :
BU-02-083018

Tot Ion: 41 Resp: 7001
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 7.9 42.2 63.2#

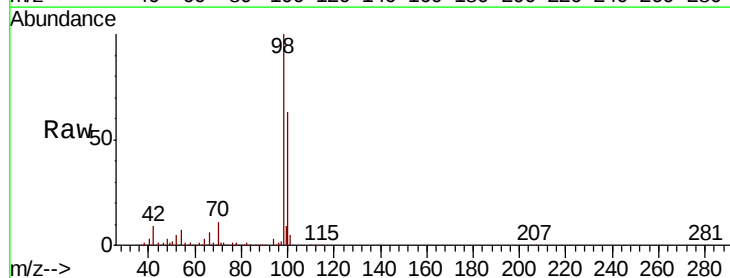


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

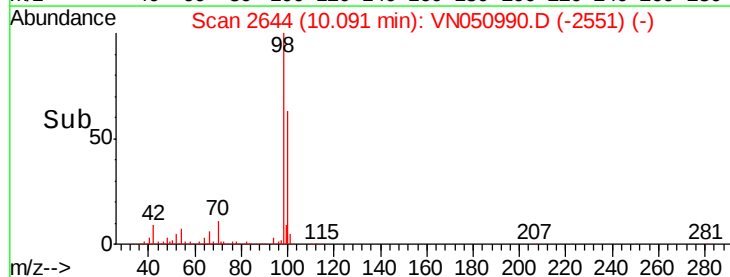
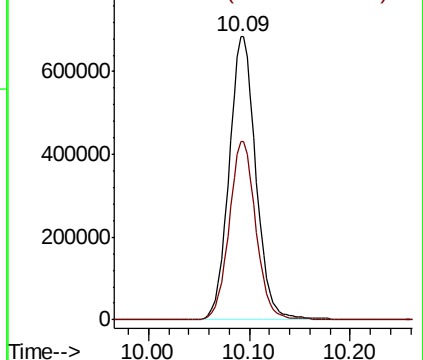


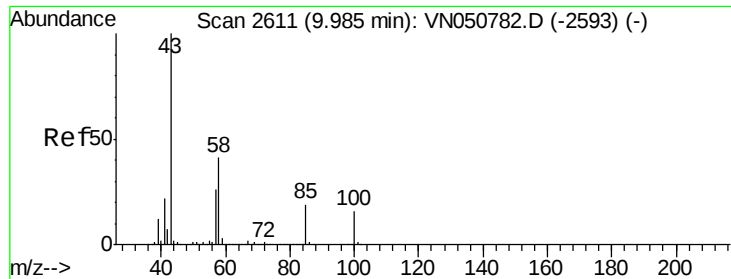
#50
Toluene-d8
Concen: 45.60 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion: 98 Resp: 1265825
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VNC
Ion 100.00 (99.70 to 100.70): VNC

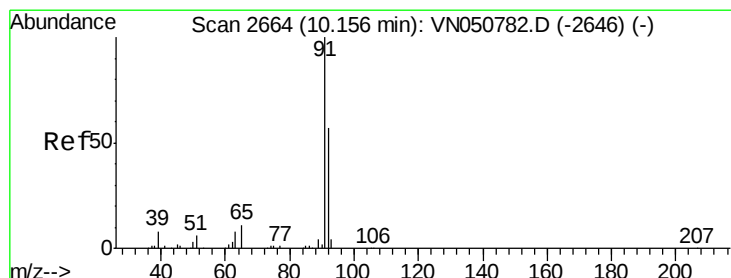
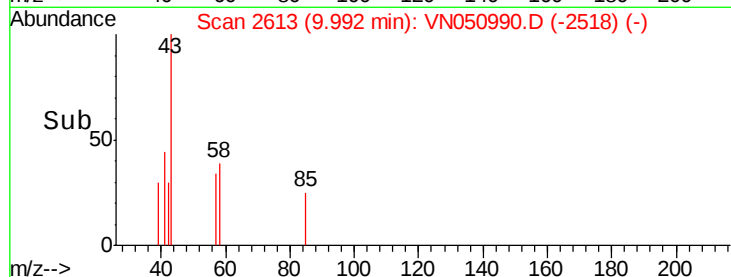
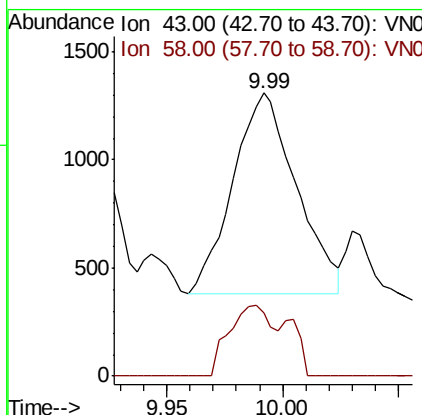
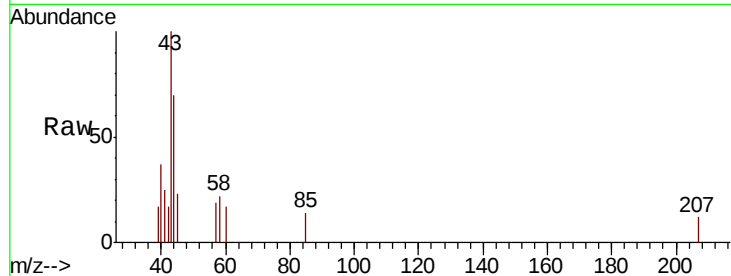




#51
 4-Methyl-2-Pentanone
 Concen: 0.27 ug/l
 RT: 9.99 min Scan# 2613
 Delta R.T. 0.01 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

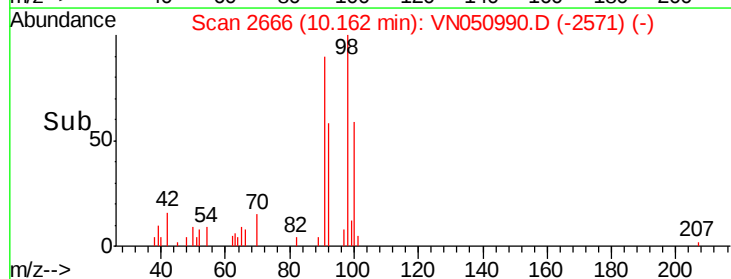
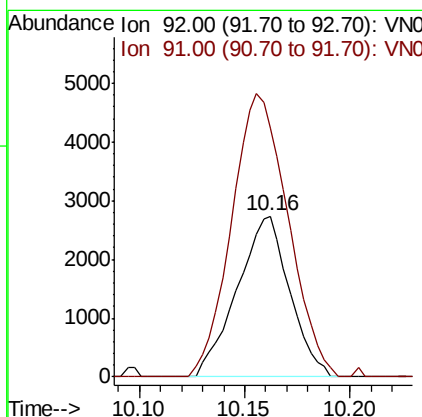
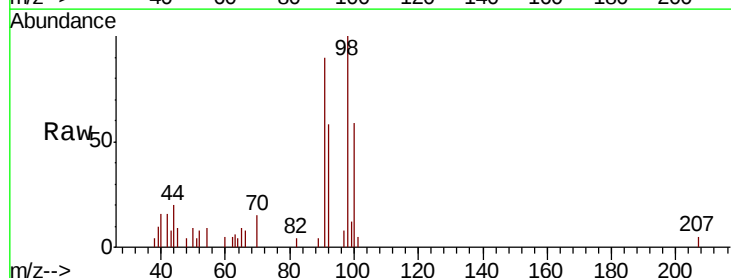
Instrument :
 MSVOA_N
 ClientSampled :
 BU-02-083018

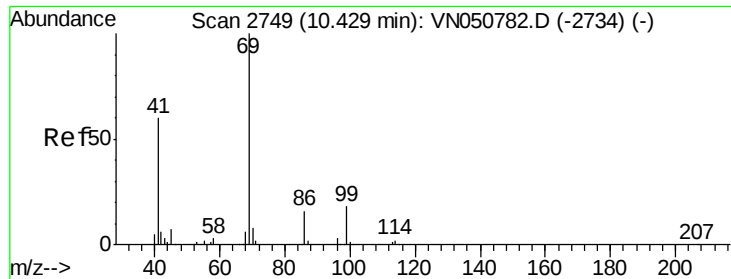
Tot Ion: 43 Resp: 1752
 Ion Ratio Lower Upper
 43 100
 58 24.7 32.4 48.6#



#52
 Toluene
 Concen: 0.24 ug/l
 RT: 10.16 min Scan# 2666
 Delta R.T. 0.01 min
 Lab File: VN050990.D
 Acq: 31 Aug 2018 16:04

Tgt Ion: 92 Resp: 4722
 Ion Ratio Lower Upper
 92 100
 91 189.3 140.6 211.0





#56

Ethyl methacrylate

Concen: 2.51 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

BU-02-083018

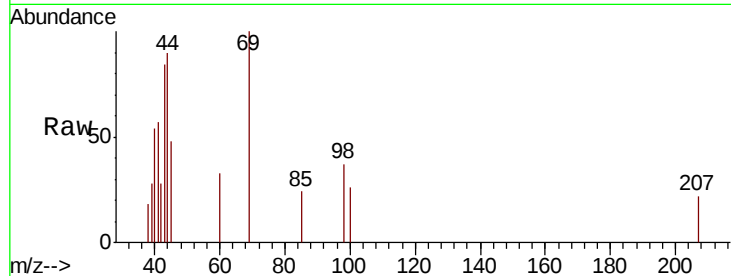
Tot Ion: 69 Resp: 1636

Ion Ratio Lower Upper

69 100

41 38.6 48.3 72.5#

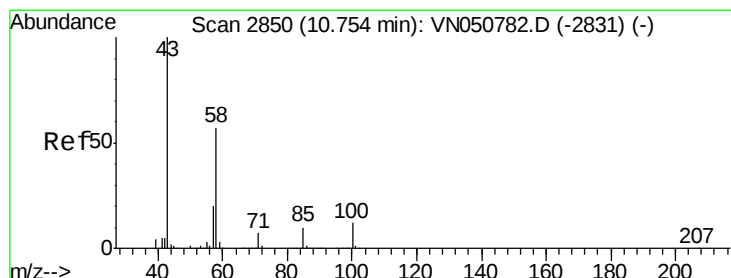
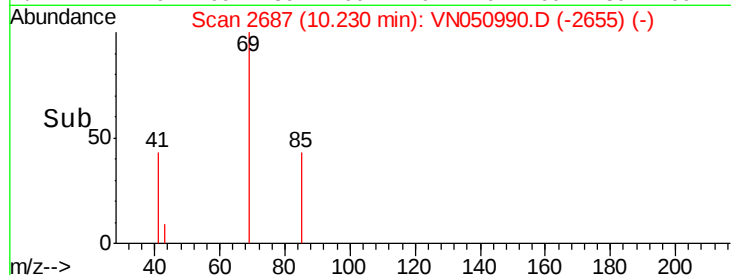
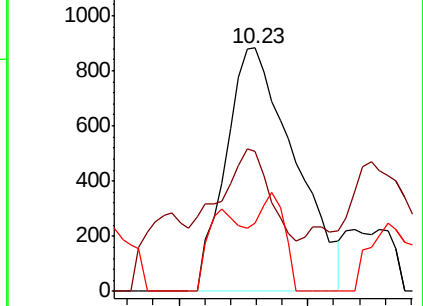
39 16.6 24.0 36.0#



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: 3.66 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050990.D

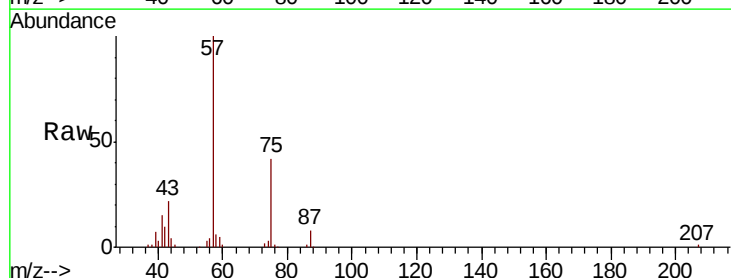
Acq: 31 Aug 2018 16:04

Tgt Ion: 43 Resp: 15802

Ion Ratio Lower Upper

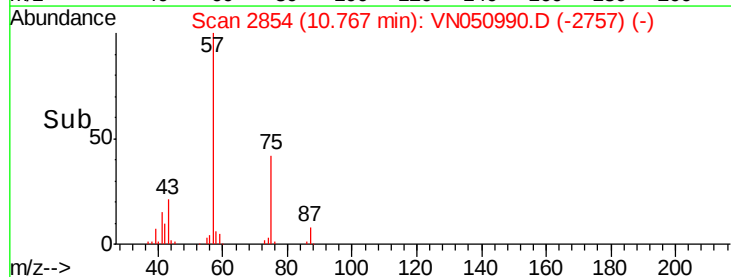
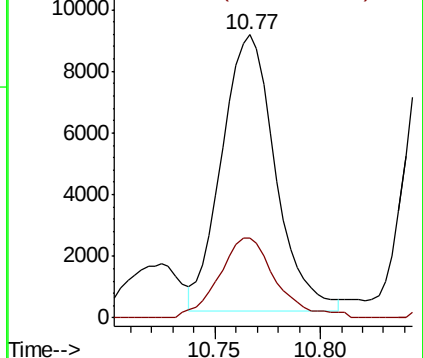
43 100

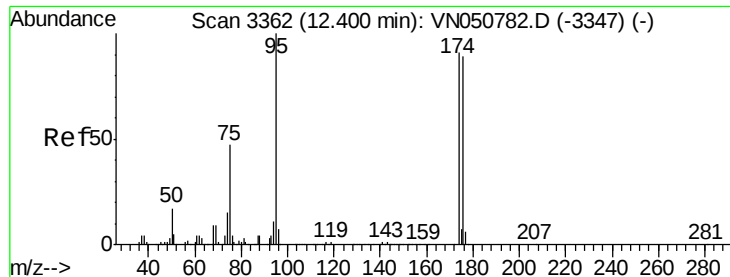
58 30.9 28.3 85.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.24 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

BU-02-083018

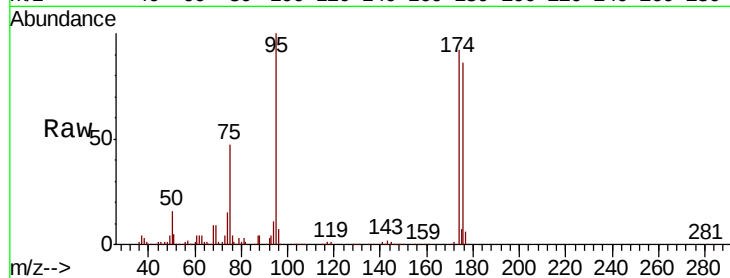
Tot Ion: 95 Resp: 343578

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.0

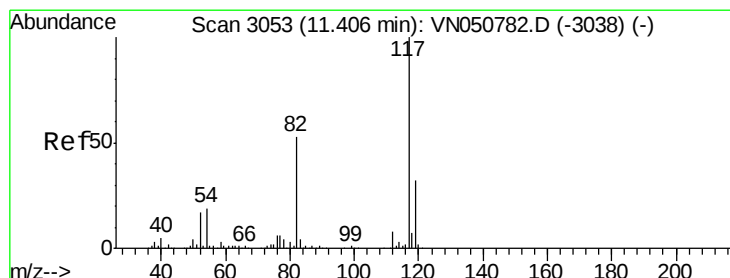
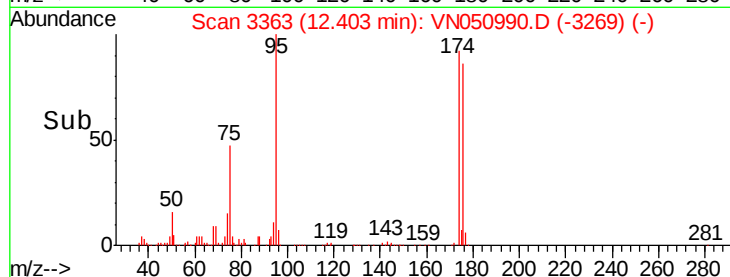
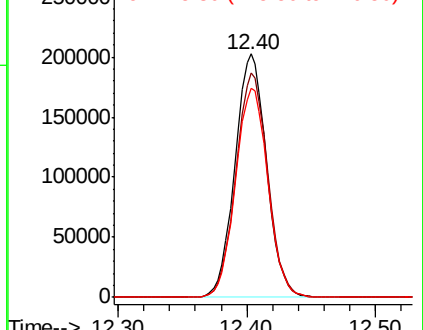
176 88.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

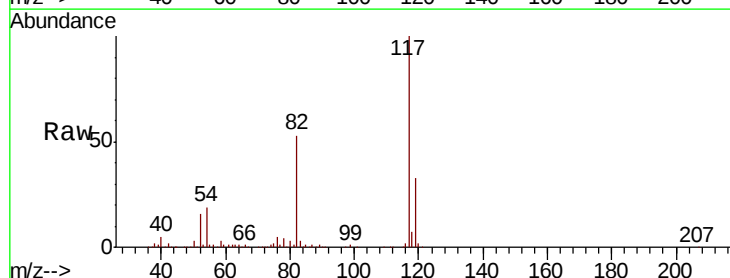
Tgt Ion: 117 Resp: 790986

Ion Ratio Lower Upper

117 100

82 53.4 42.6 64.0

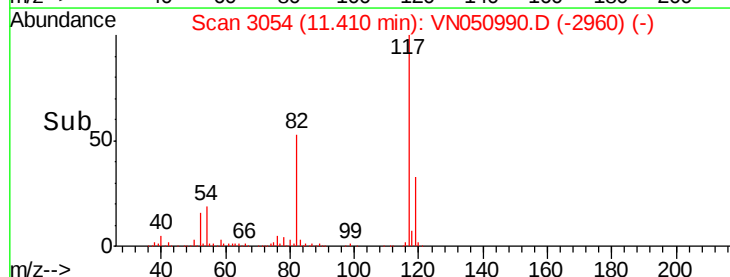
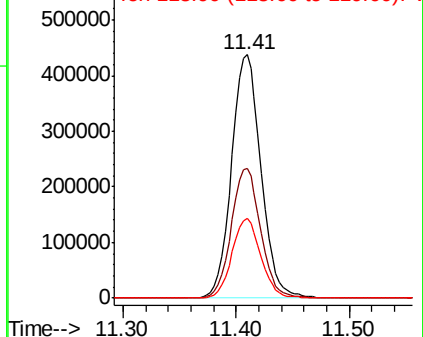
119 32.6 25.8 38.6

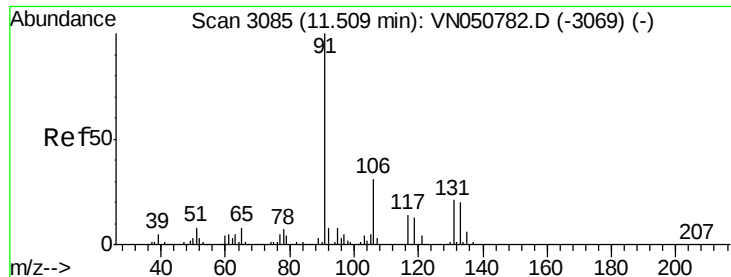


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

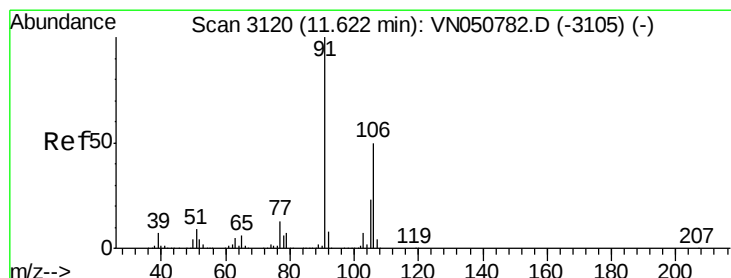
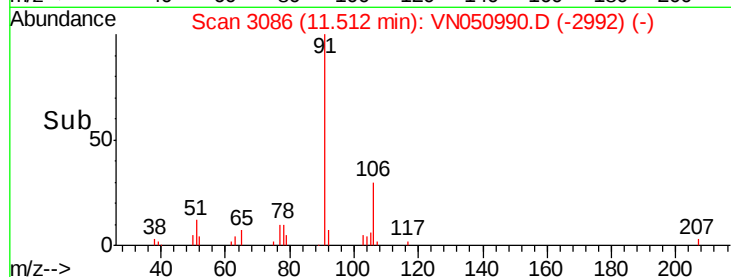
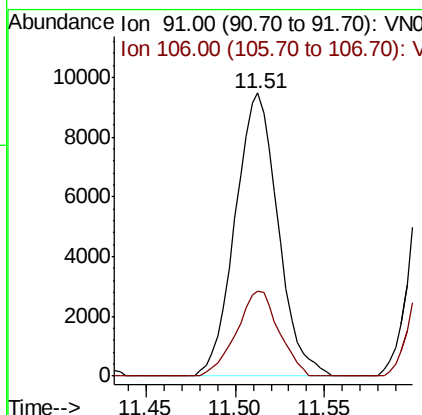
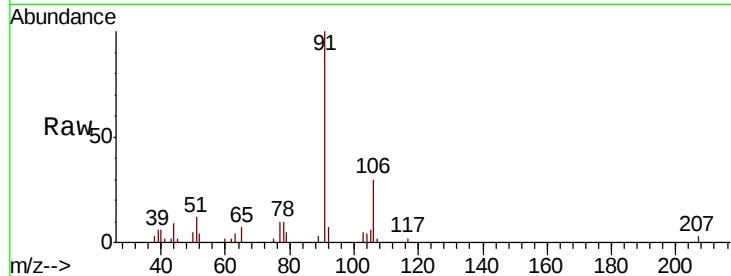




#67
Ethyl Benzene
Concen: 0.47 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

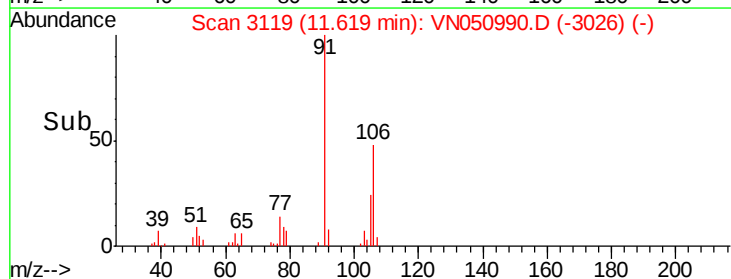
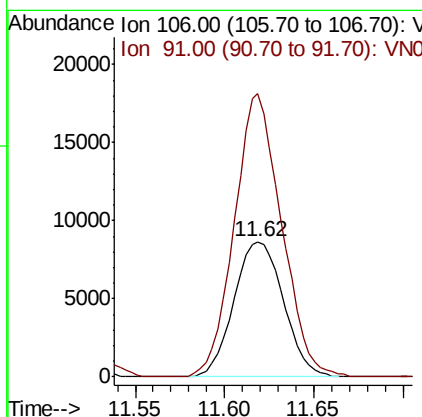
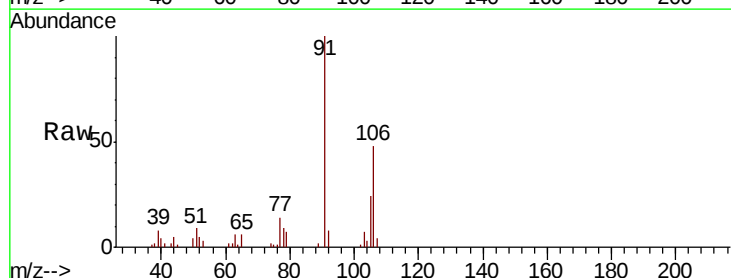
Instrument :
MSVOA_N
ClientSampled :
BU-02-083018

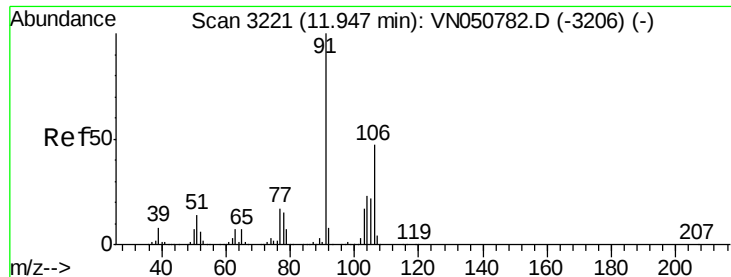
Tot Ion: 91 Resp: 15891
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4



#68
m/p-Xylenes
Concen: 1.31 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion: 106 Resp: 16722
Ion Ratio Lower Upper
106 100
91 199.3 161.0 241.6

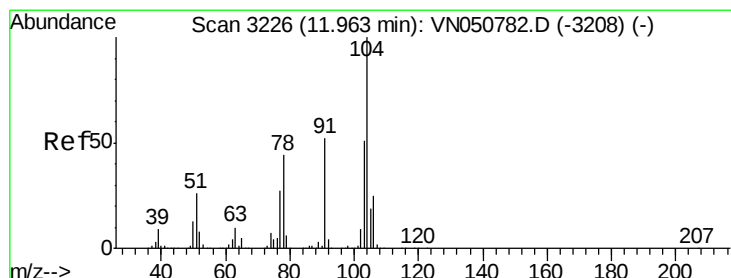
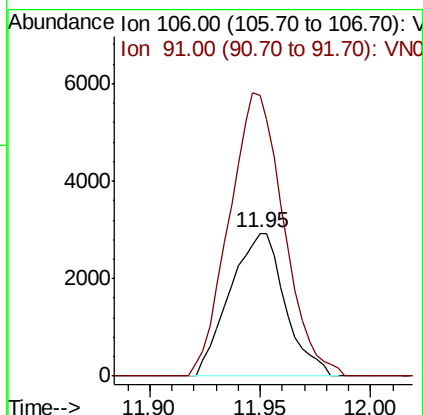
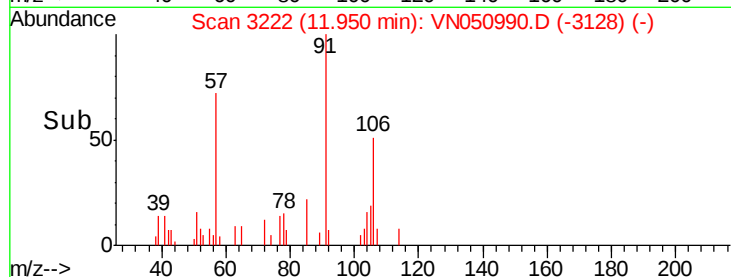
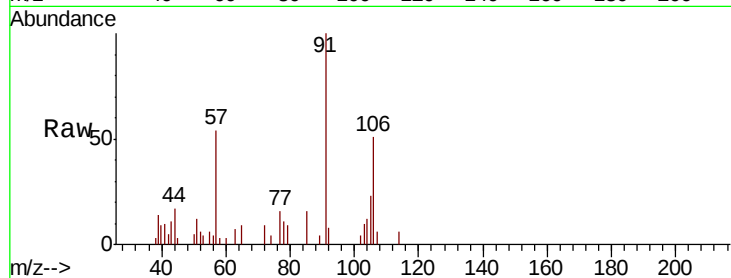




#69
o-Xylene
Concen: 0.42 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

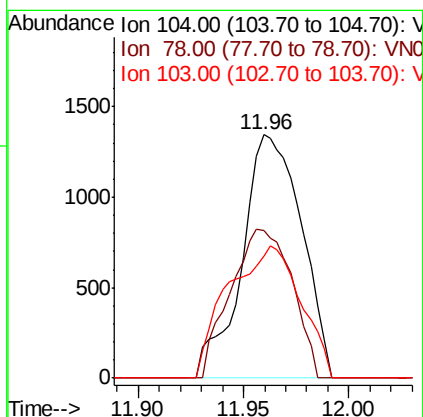
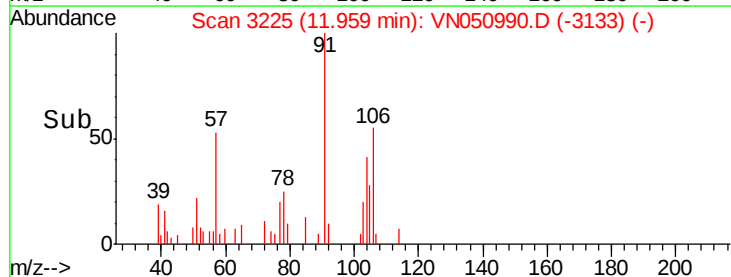
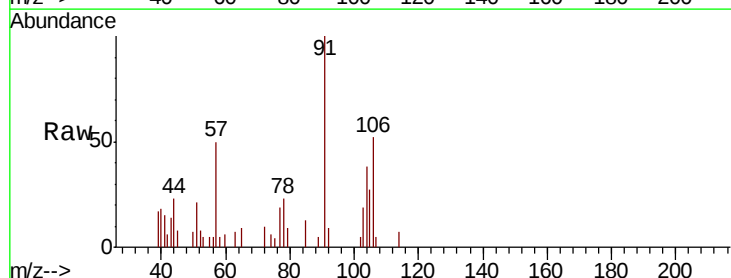
Instrument :
MSVOA_N
ClientSampled :
BU-02-083018

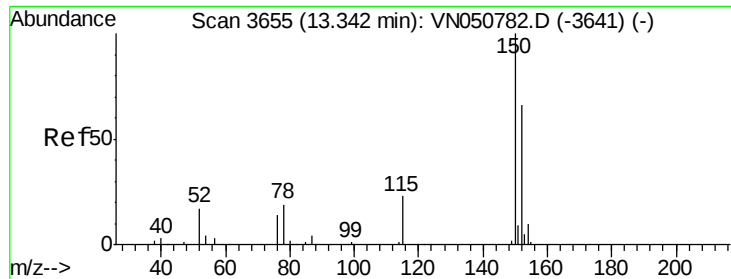
Tot Ion:106 Resp: 5094
Ion Ratio Lower Upper
106 100
91 195.6 106.5 319.5



#70
Styrene
Concen: 1.39 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Tgt Ion:104 Resp: 2639
Ion Ratio Lower Upper
104 100
78 63.2 38.2 57.4#
103 66.2 44.4 66.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

BU-02-083018

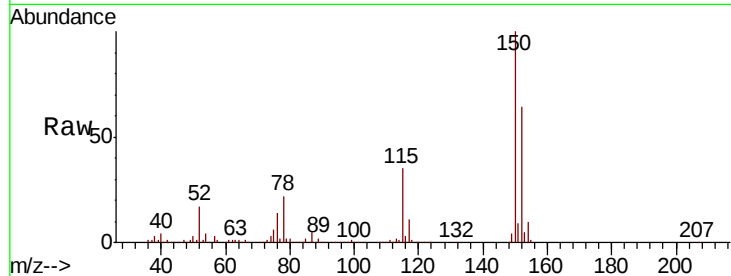
Tot Ion:152 Resp: 272963

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

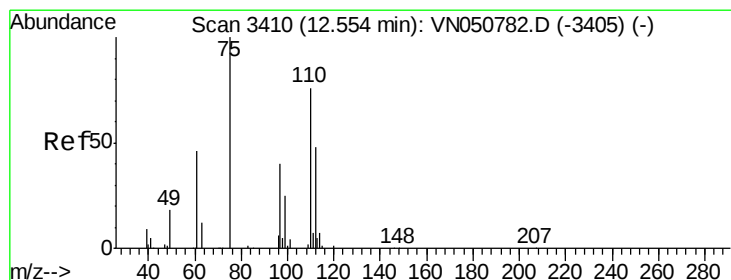
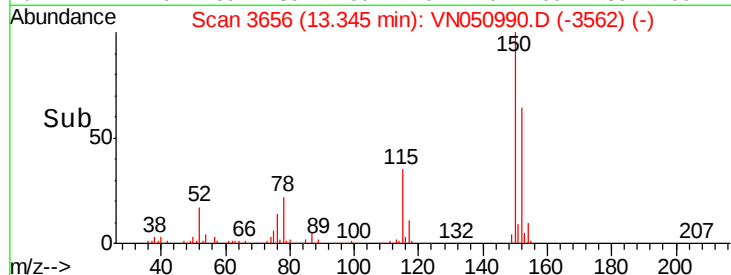
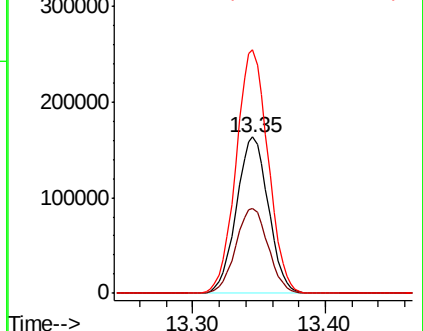
150 156.2 0.0 351.4



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



#76

1,2,3-Trichloropropane

Concen: 33.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050990.D

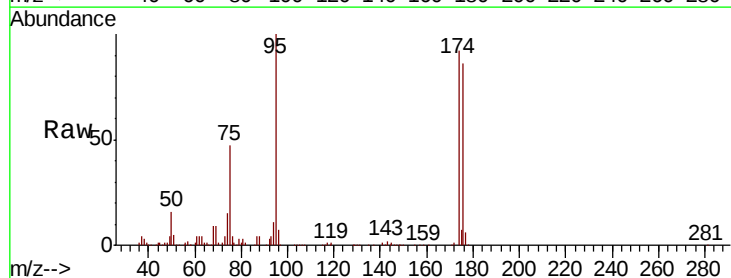
Acq: 31 Aug 2018 16:04

Tgt Ion: 75 Resp: 160621

Ion Ratio Lower Upper

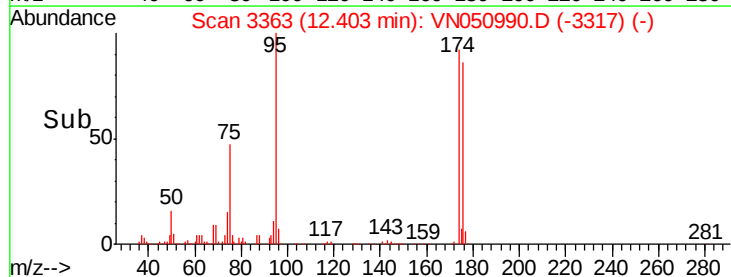
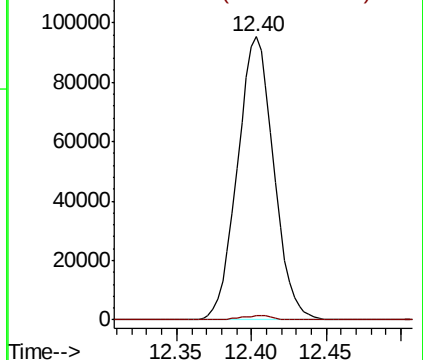
75 100

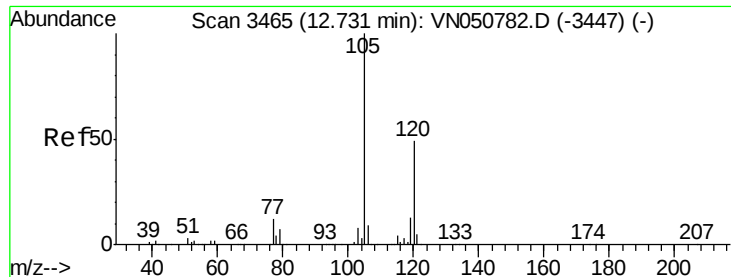
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.28 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampled :

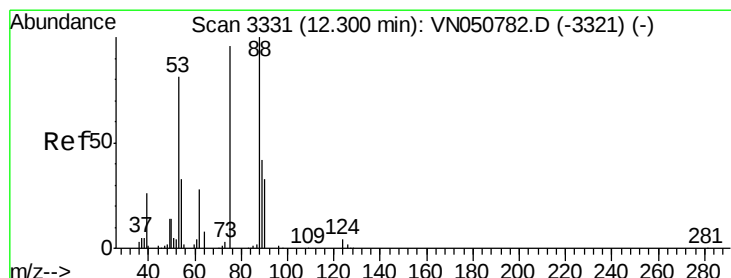
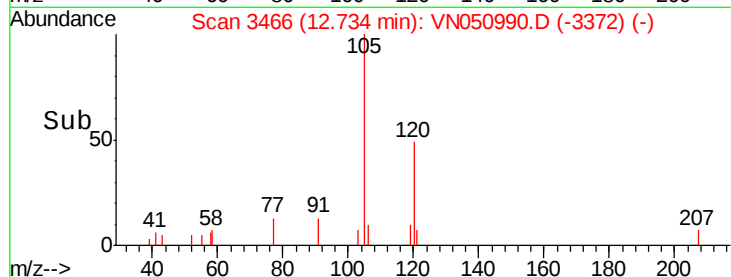
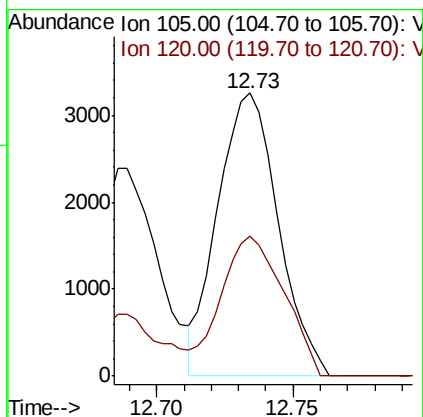
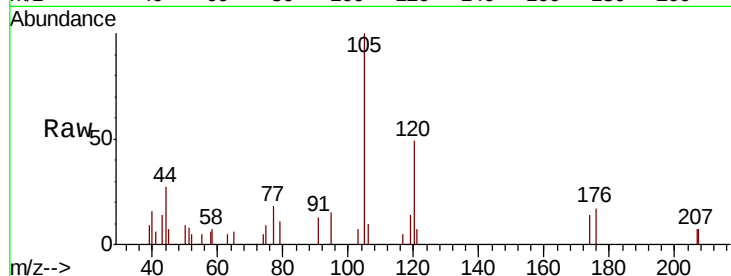
BU-02-083018

Tot Ion:105 Resp: 5026

Ion Ratio Lower Upper

105 100

120 51.6 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 113.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

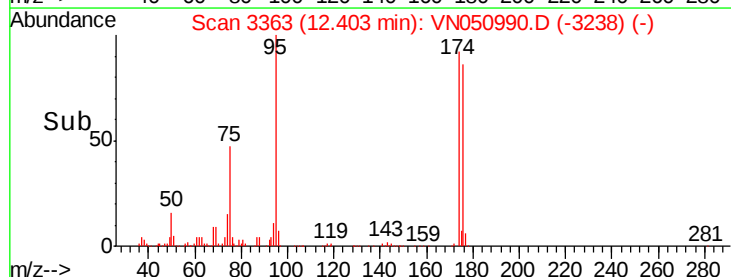
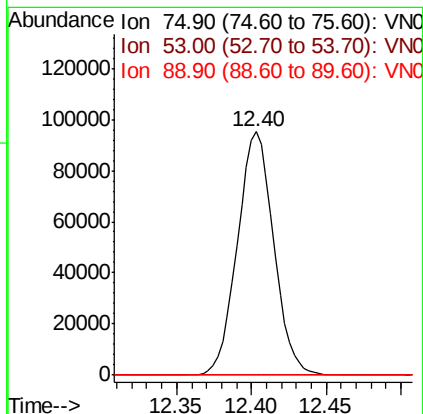
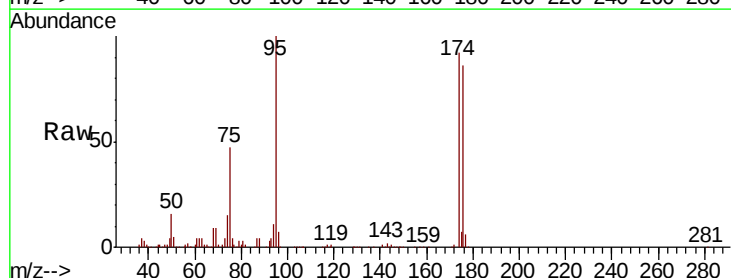
Tgt Ion: 75 Resp: 160621

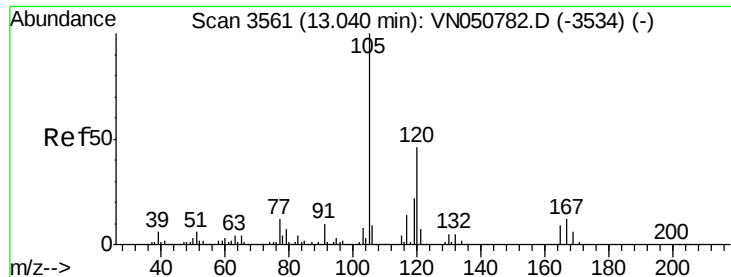
Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

89 0.0 36.1 54.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.72 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050990.D

Acq: 31 Aug 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

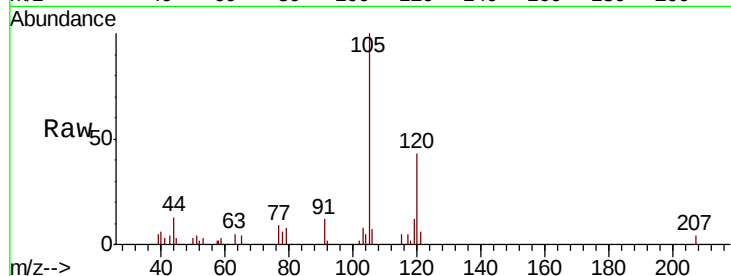
BU-02-083018

Tot Ion:105 Resp: 13236

Ion Ratio Lower Upper

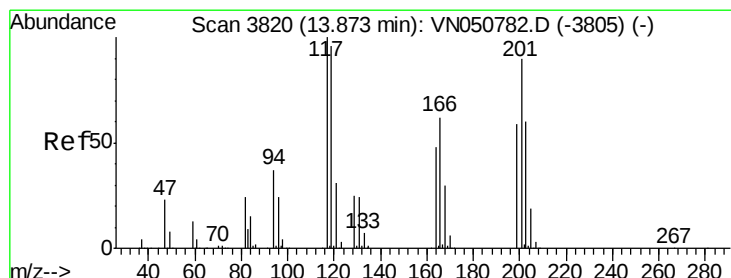
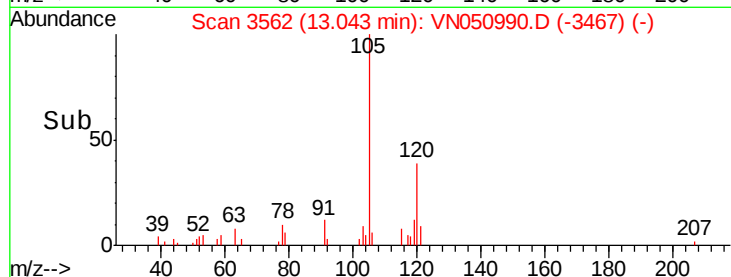
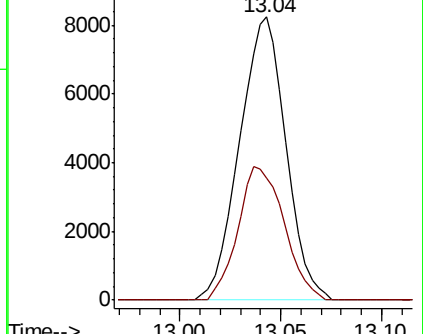
105 100

120 46.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.36 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.02 min

Lab File: VN050990.D

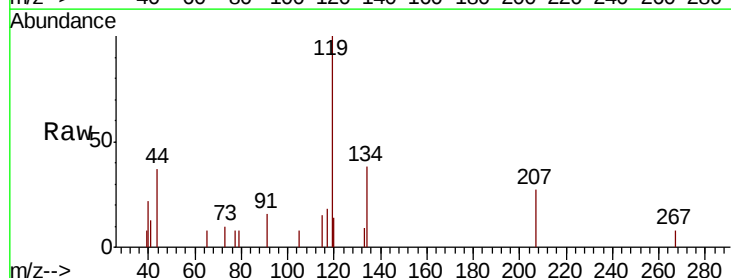
Acq: 31 Aug 2018 16:04

Tgt Ion:117 Resp: 589

Ion Ratio Lower Upper

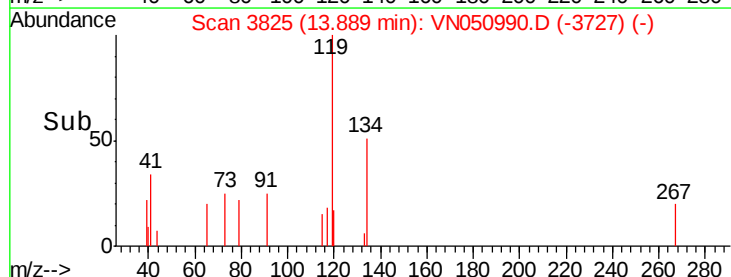
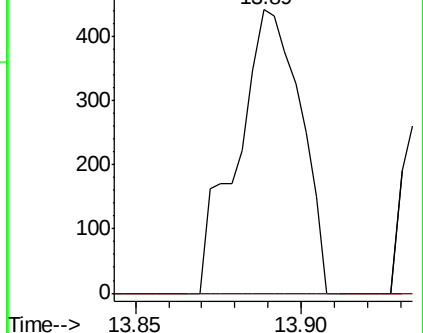
117 100

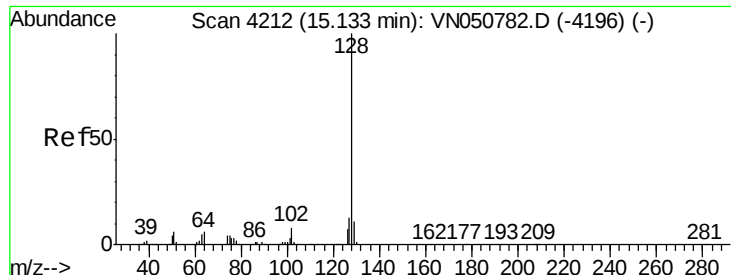
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

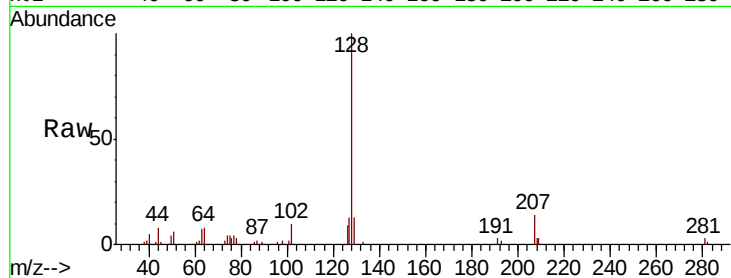




#95
Naphthalene
Concen: 7.29 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050990.D
Acq: 31 Aug 2018 16:04

Instrument :
MSVOA_N
ClientSampleId :
BU-02-083018

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.5	15.7#
129	10.8	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

