

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050369.D
 Acq On : 4 Aug 2018 16:11
 Operator : MD\SY
 Sample : J4356-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Aug 06 01:38:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	688989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1086188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	956918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	409635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	469742	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	7.59	113	416834	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	10.09	98	1525827	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.40	95	462149	43.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.10%	

Target Compounds

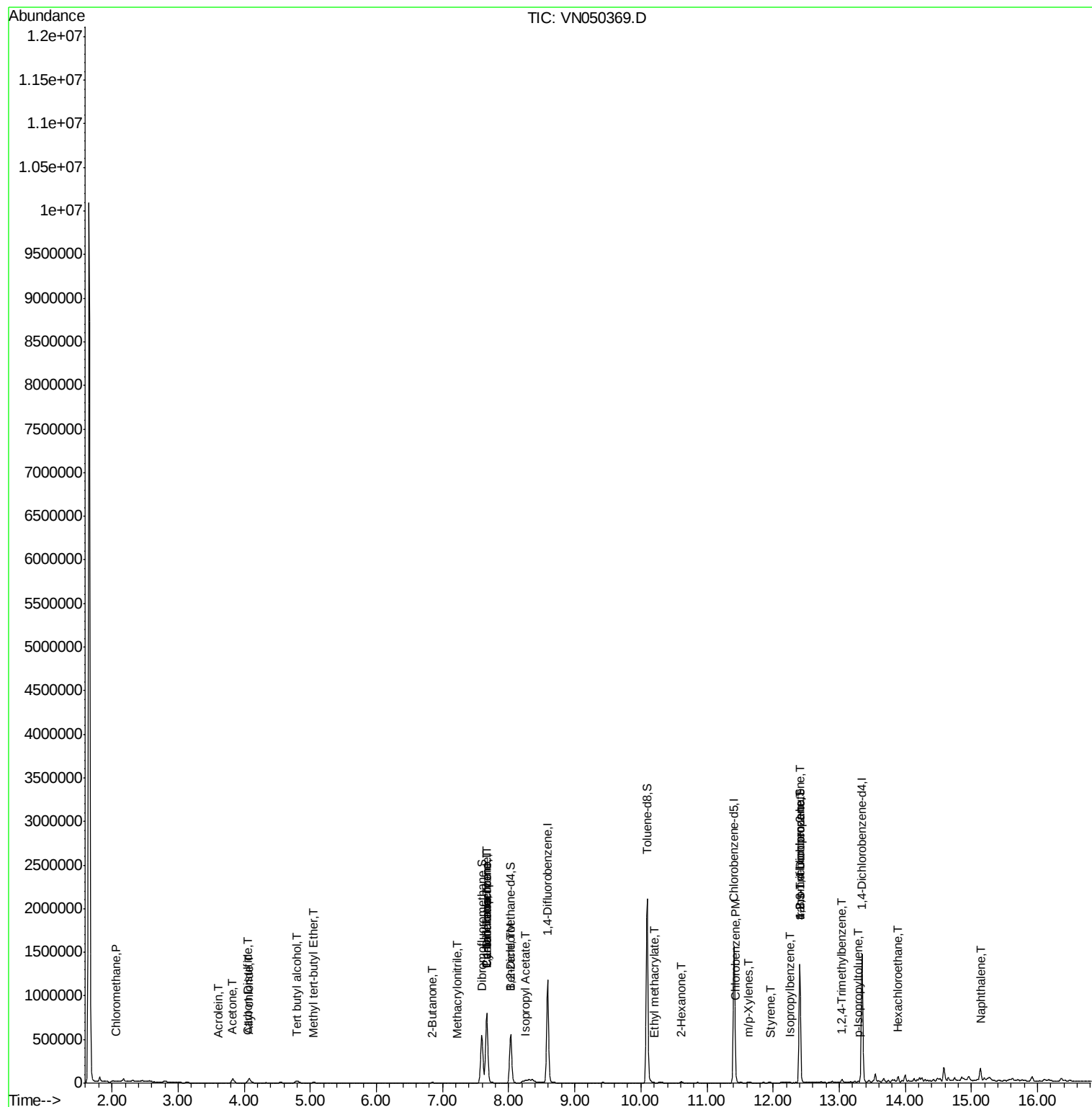
						Qvalue
3) Chloromethane	2.06	50	4761	0.44	ug/l	100
5) Bromomethane	2.56	94	3540	Below	Cal	96
11) Tert butyl alcohol	4.80	59	44190	62.48	ug/l	97
13) Acrolein	3.62	56	194	0.34	ug/l #	35
14) Allyl chloride	4.08	41	9286	0.75	ug/l #	71
16) Acetone	3.82	43	82400	32.61	ug/l	98
17) Carbon Disulfide	4.05	76	7669	0.32	ug/l #	91
18) Methyl Acetate	4.34	43	4543	Below	Cal	98
19) Methyl tert-butyl Ether	5.05	73	7104	0.34	ug/l #	84
20) Methylene Chloride	4.55	84	1771	Below	Cal #	84
25) 2-Butanone	6.85	43	2964	0.81	ug/l #	83
31) Cyclohexane	7.67	56	12882	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	48545	3.97	ug/l #	48
38) Carbon Tetrachloride	7.67	117	61308	4.72	ug/l #	16
40) Benzene	8.04	78	13836	0.37	ug/l #	89
41) Methacrylonitrile	7.22	41	29	2.75	ug/l #	1
43) Isopropyl Acetate	8.25	43	28695	0.66	ug/l #	61
56) Ethyl methacrylate	10.21	69	110	2.04	ug/l #	1
59) 2-Hexanone	10.61	43	9951	6.76	ug/l	82
65) Chlorobenzene	11.44	112	15378	0.64	ug/l	96
68) m/p-Xylenes	11.62	106	3635	0.25	ug/l	99
70) Styrene	11.97	104	59	0.93	ug/l #	1
73) Isopropylbenzene	12.25	105	6394	0.20	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.56	83	1089	Below	Cal #	25
76) 1,2,3-Trichloropropane	12.40	75	224262	29.46	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	224262	93.44	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	22442	0.89	ug/l	93
86) p-Isopropyltoluene	13.29	119	5508	0.22	ug/l	96
90) Hexachloroethane	13.89	117	3293	0.60	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	253	Below	Cal #	1
95) Naphthalene	15.14	128	122627	10.39	ug/l	98

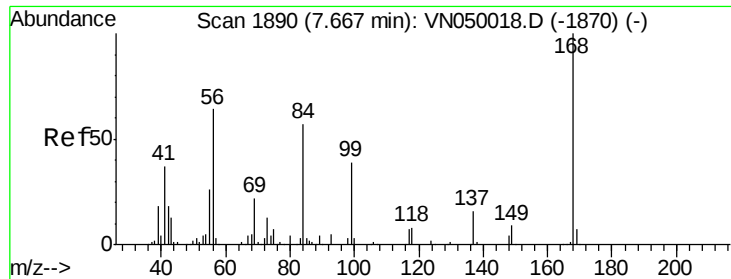
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampleId :

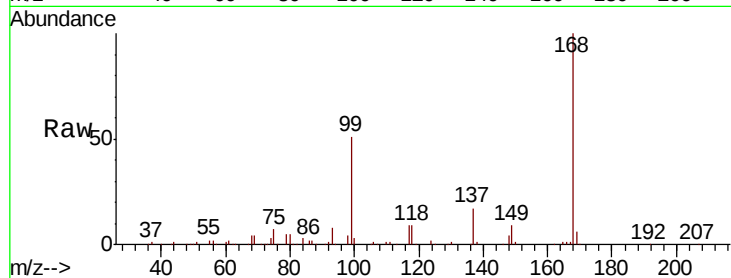
MW-11

Tot Ion:168 Resp: 688989

Ion Ratio Lower Upper

168 100

99 50.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

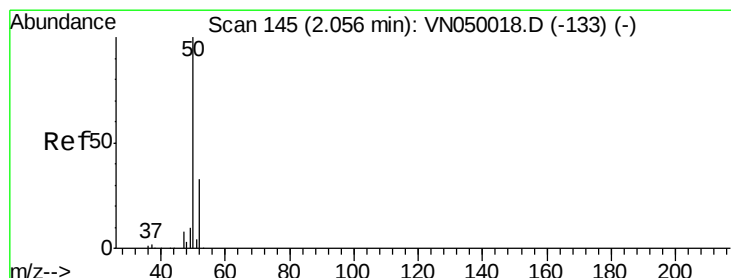
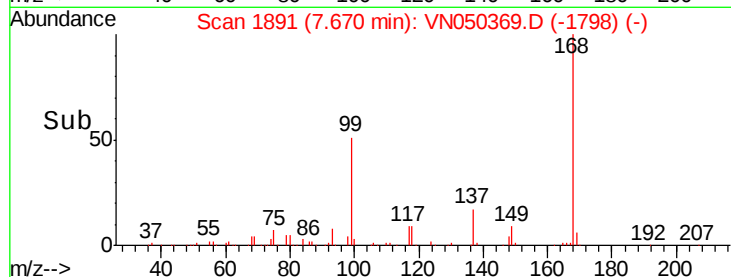
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.44 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050369.D

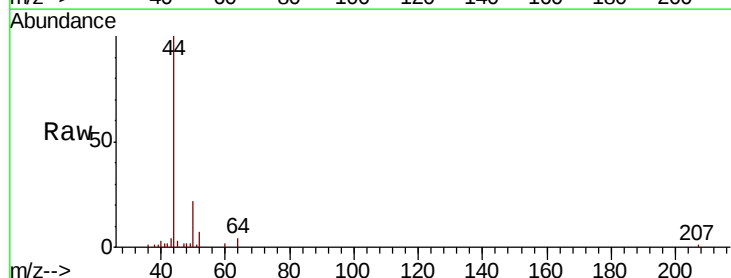
Acq: 4 Aug 2018 16:11

Tgt Ion: 50 Resp: 4761

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN050018.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN050018.D (-133) (-)

2.06

4000

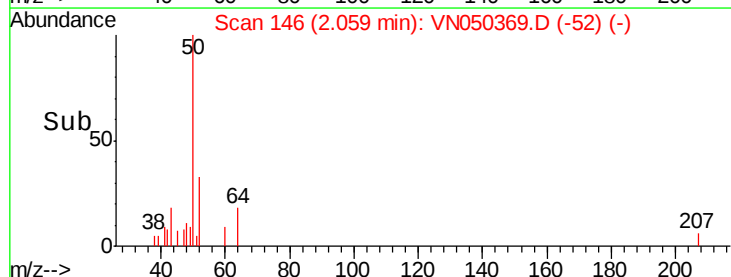
3000

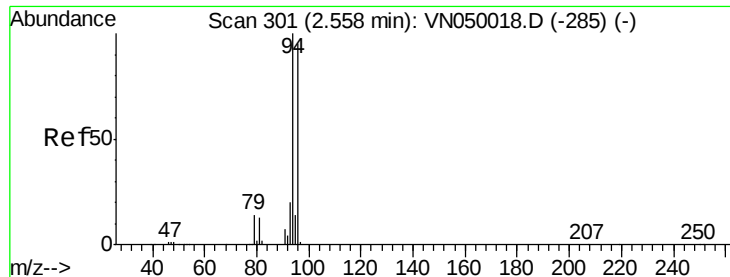
2000

1000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampleId :

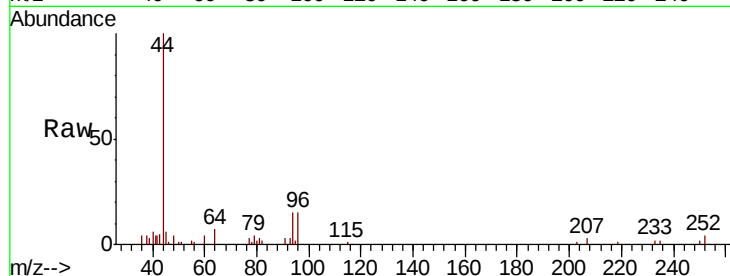
MW-11

Tot Ion: 94 Resp: 3540

Ion Ratio Lower Upper

94 100

96 89.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

2000

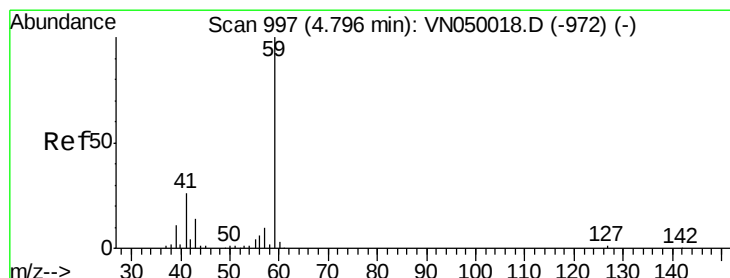
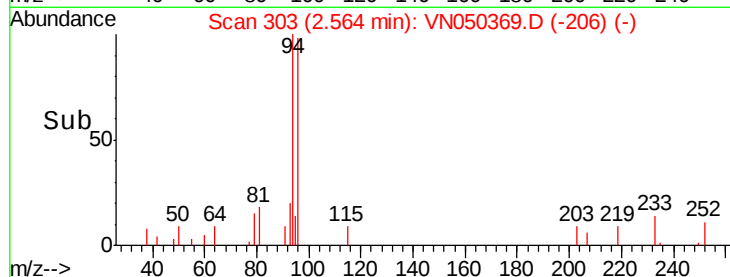
1500

1000

500

0

Time--> 2.50 2.55 2.60



#11

Tert butyl alcohol

Concen: 62.48 ug/l

RT: 4.80 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN050369.D

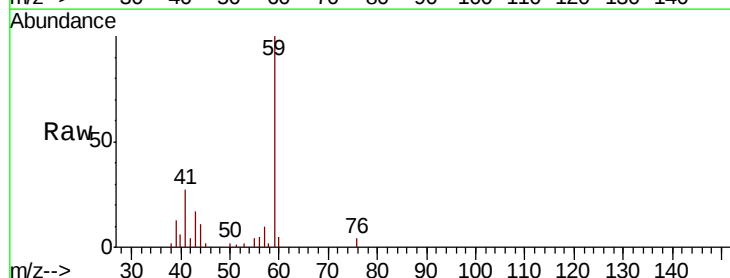
Acq: 4 Aug 2018 16:11

Tgt Ion: 59 Resp: 44190

Ion Ratio Lower Upper

59 100

57 9.7 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

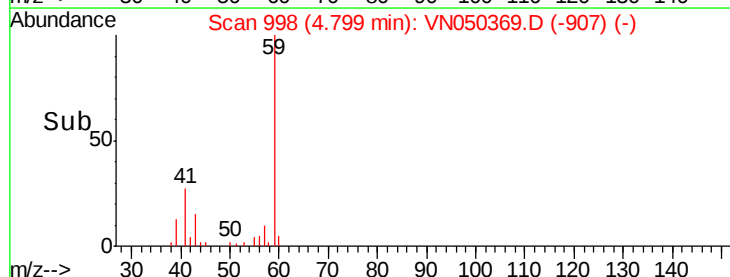
4.80

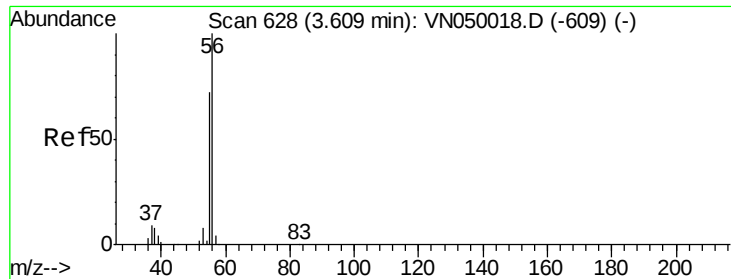
10000

5000

0

Time--> 4.70 4.80 4.90





#13

Acrolein

Concen: 0.34 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampleId :

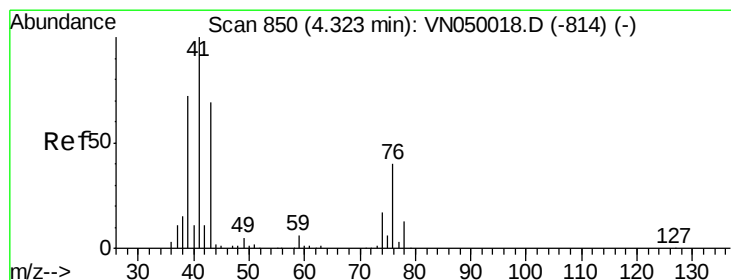
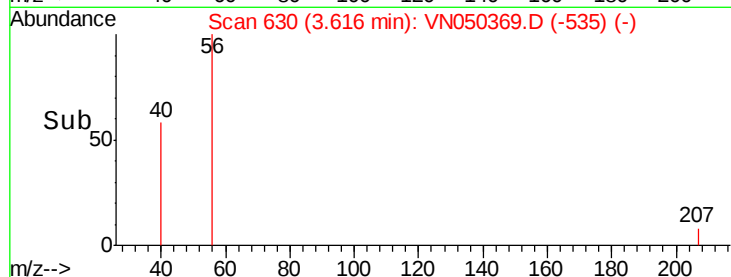
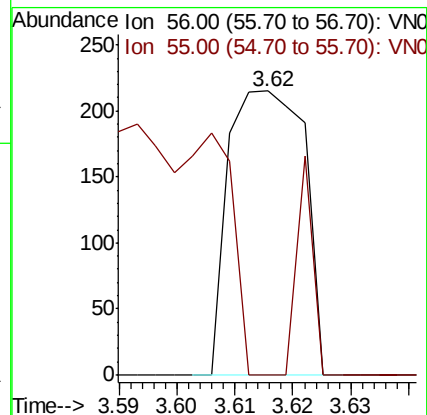
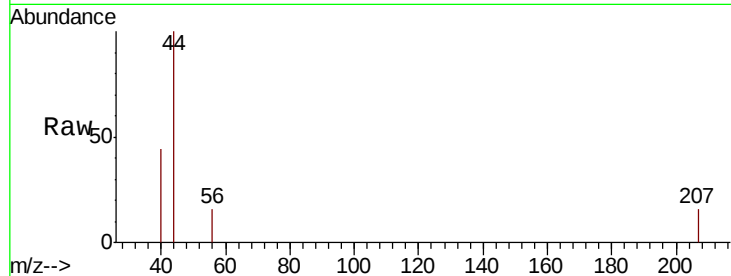
MW-11

Tot Ion: 56 Resp: 194

Ion Ratio Lower Upper

56 100

55 16.5 55.8 83.6#



#14

Allyl chloride

Concen: 0.75 ug/l

RT: 4.08 min Scan# 773

Delta R.T. -0.25 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

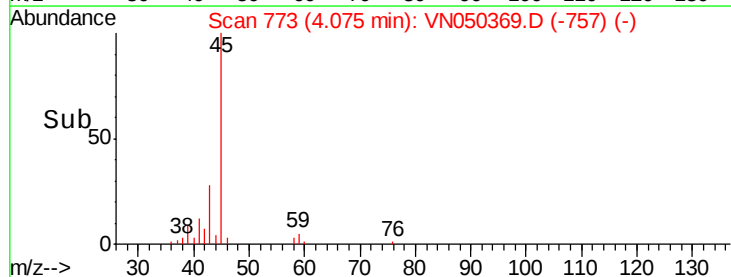
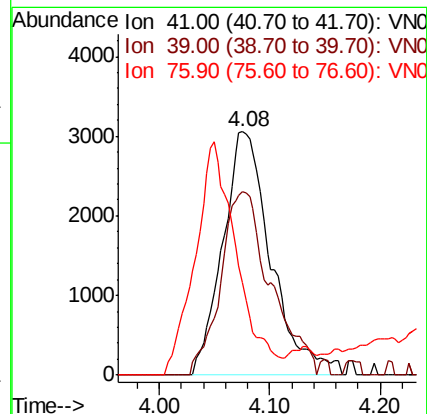
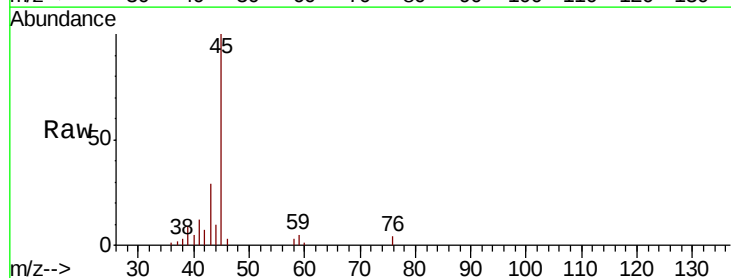
Tgt Ion: 41 Resp: 9286

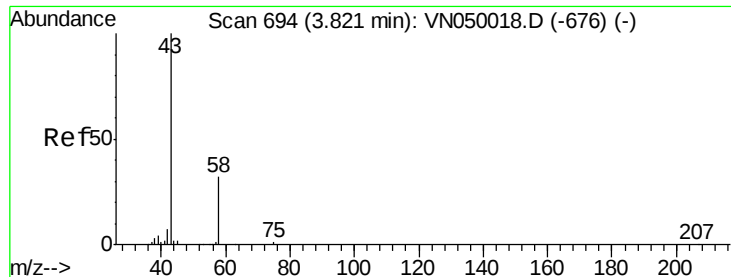
Ion Ratio Lower Upper

41 100

39 77.6 54.2 81.4

76 0.0 29.0 43.6#





#16

Acetone

Concen: 32.61 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampled :

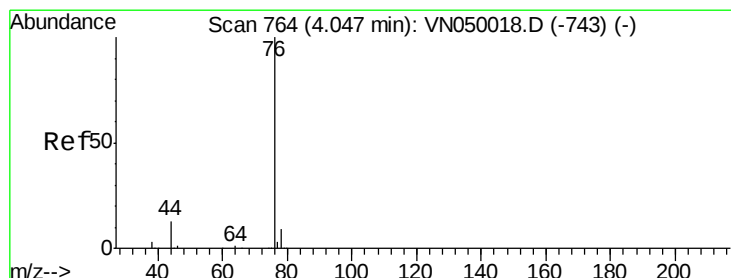
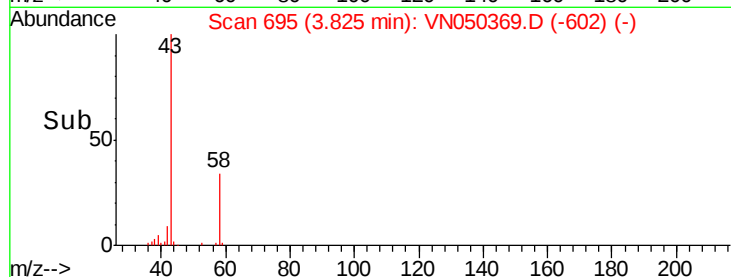
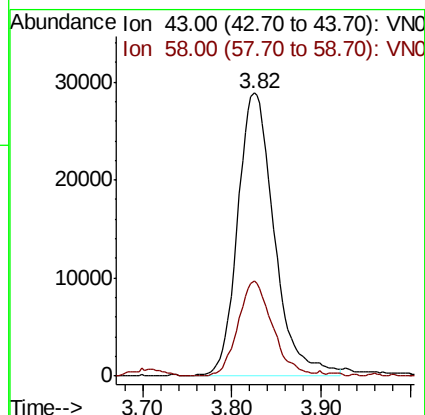
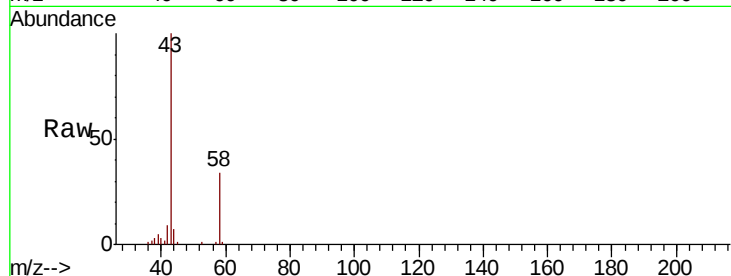
MW-11

Tot Ion: 43 Resp: 82400

Ion Ratio Lower Upper

43 100

58 33.5 25.8 38.8



#17

Carbon Disulfide

Concen: 0.32 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050369.D

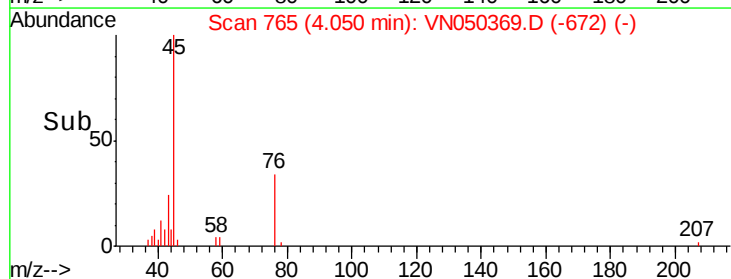
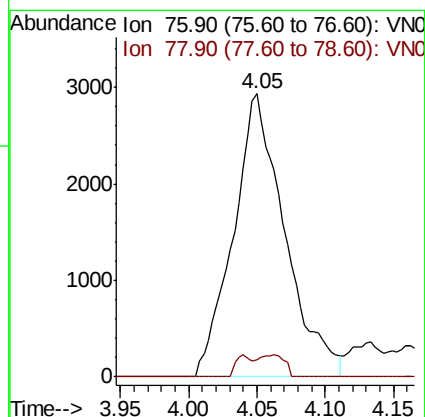
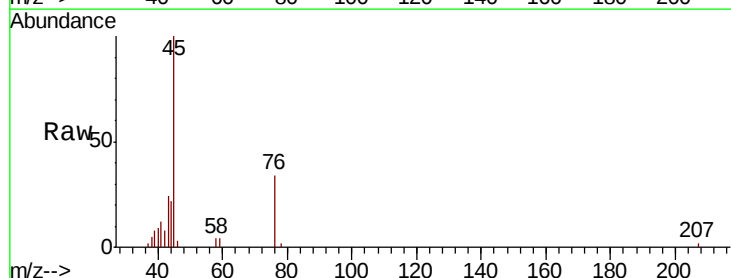
Acq: 4 Aug 2018 16:11

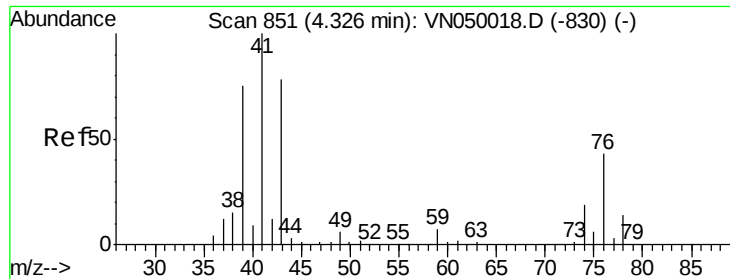
Tgt Ion: 76 Resp: 7669

Ion Ratio Lower Upper

76 100

78 6.0 7.3 10.9#

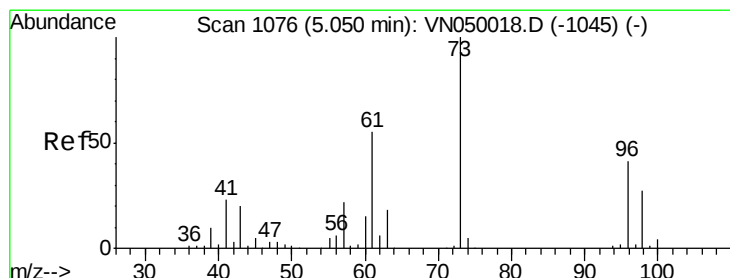
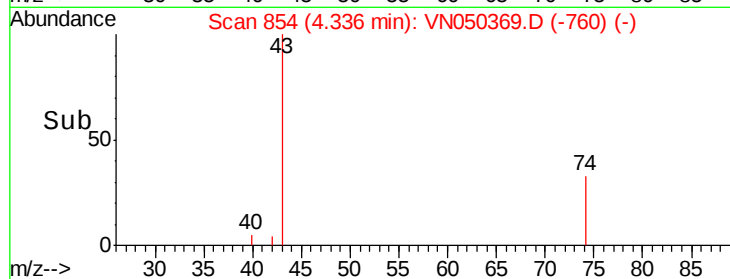
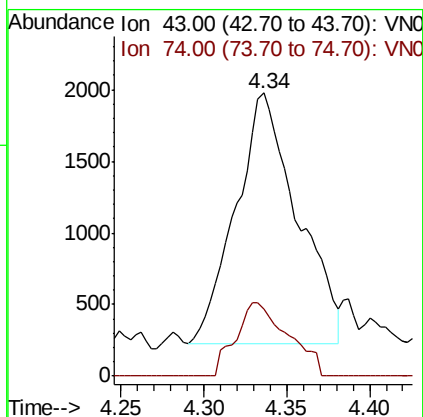
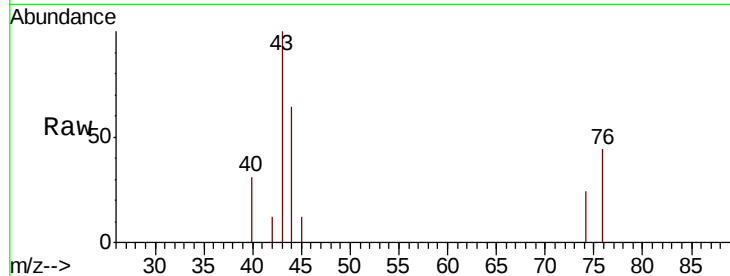




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050369.D
Acq: 4 Aug 2018 16:11

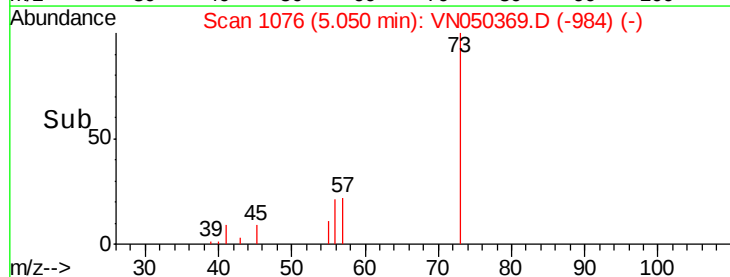
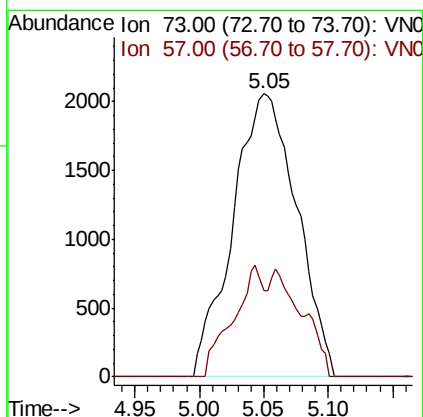
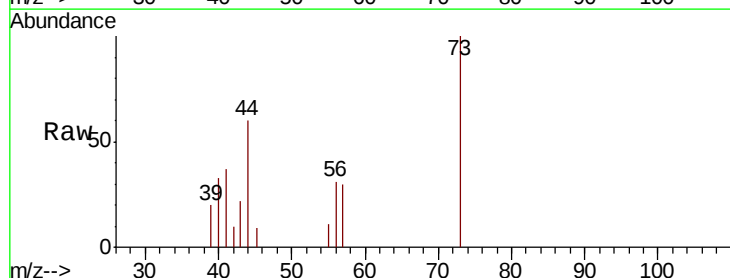
Instrument :
MSVOA_N
ClientSampled :
MW-11

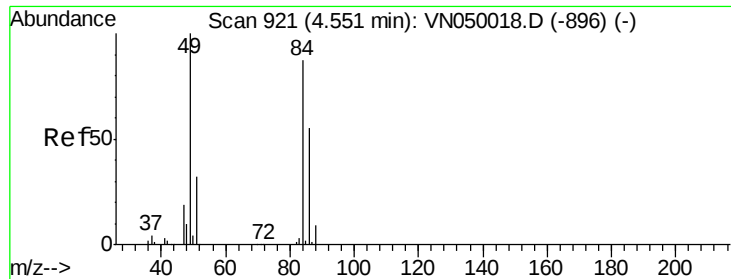
Tot Ion: 43 Resp: 4543
Ion Ratio Lower Upper
43 100
74 24.9 19.2 28.8



#19
Methyl tert-butyl Ether
Concen: 0.34 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050369.D
Acq: 4 Aug 2018 16:11

Tgt Ion: 73 Resp: 7104
Ion Ratio Lower Upper
73 100
57 30.4 18.0 27.0#

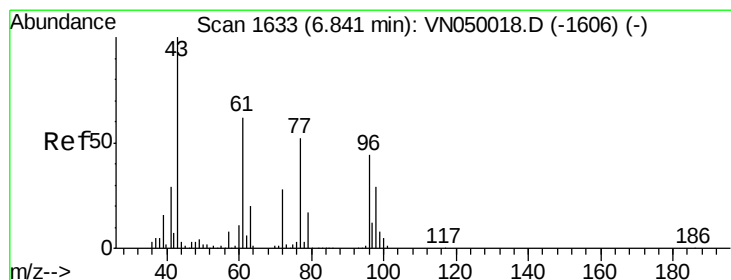
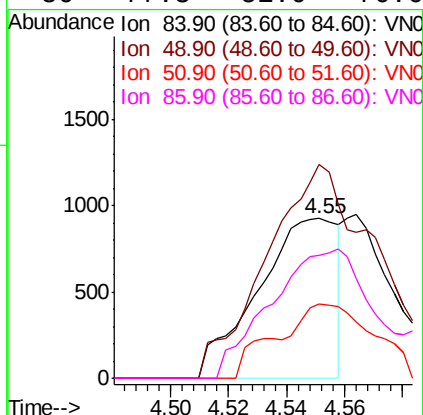
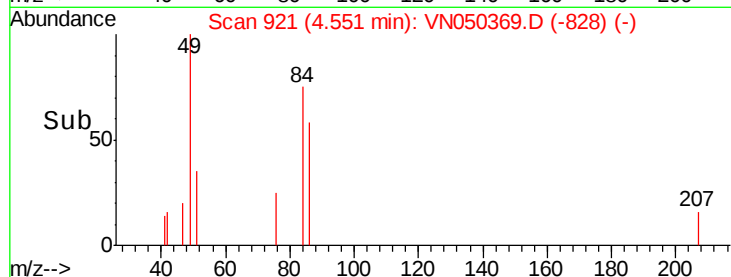
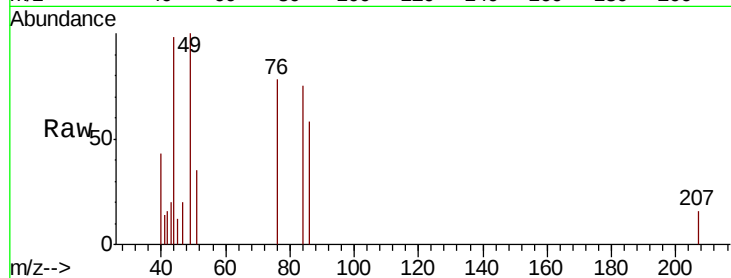




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050369.D
Acq: 4 Aug 2018 16:11

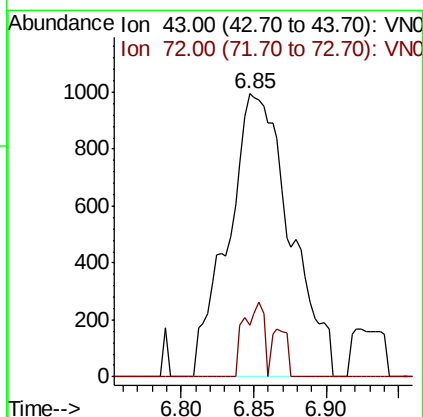
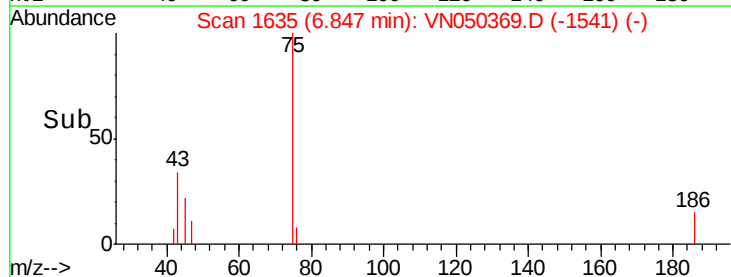
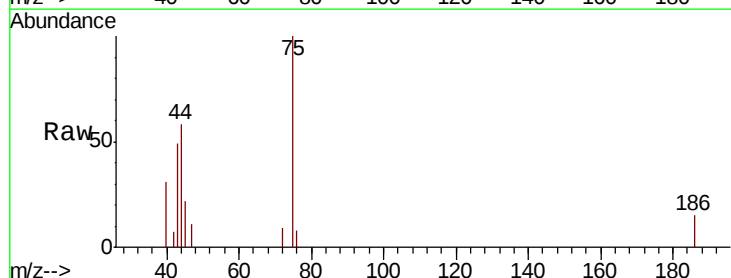
Instrument :
MSVOA_N
ClientSampled :
MW-11

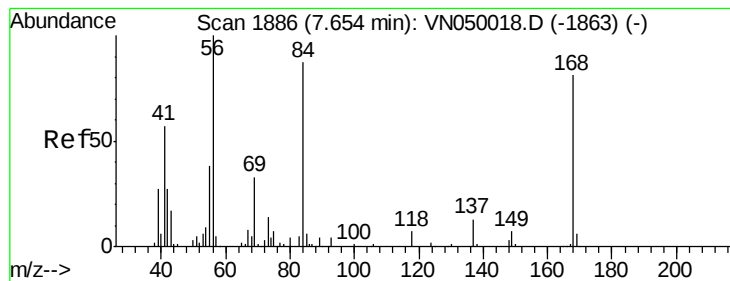
Tot Ion: 84 Resp: 1771
Ion Ratio Lower Upper
84 100
49 133.6 94.8 142.2
51 46.2 28.3 42.5#
86 77.3 51.0 76.6#



#25
2-Butanone
Concen: 0.81 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VN050369.D
Acq: 4 Aug 2018 16:11

Tgt Ion: 43 Resp: 2964
Ion Ratio Lower Upper
43 100
72 18.2 21.5 32.3#





#31

Cyclohexane

Concen: 0.91 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampled :

MW-11

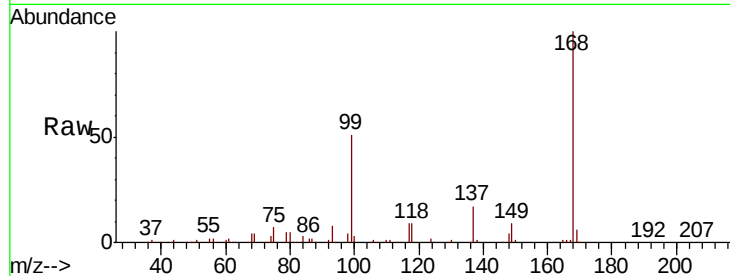
Tot Ion: 56 Resp: 12882

Ion Ratio Lower Upper

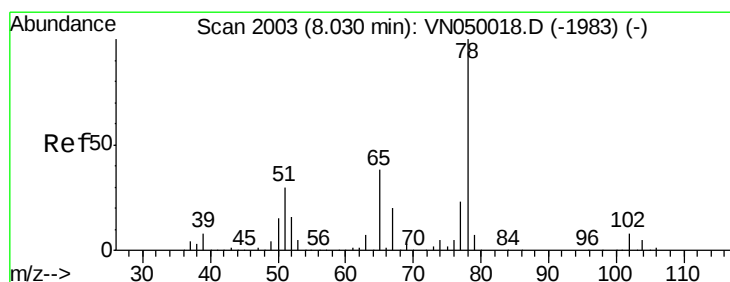
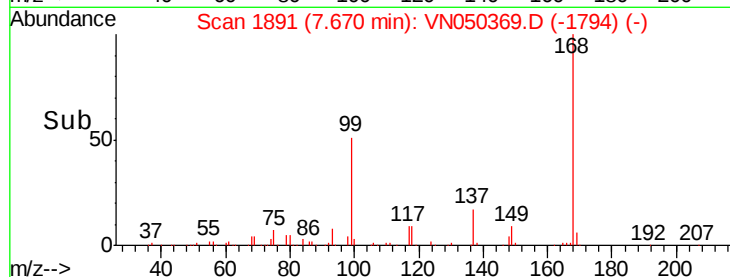
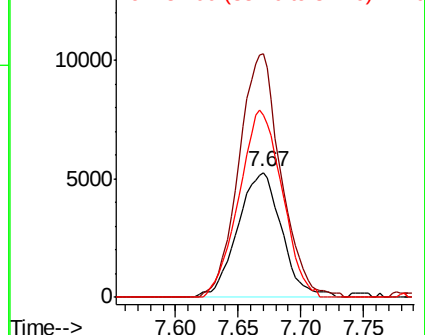
56 100

69 195.0 26.2 39.4#

84 145.7 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.87 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050369.D

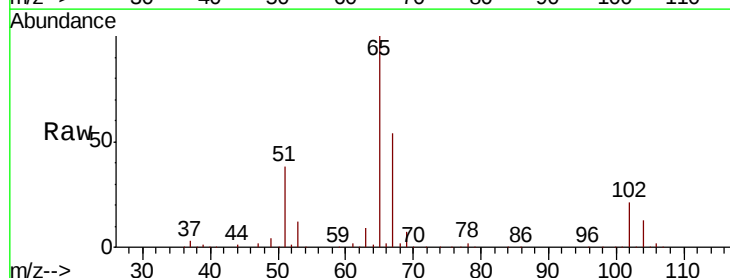
Acq: 4 Aug 2018 16:11

Tgt Ion: 65 Resp: 469742

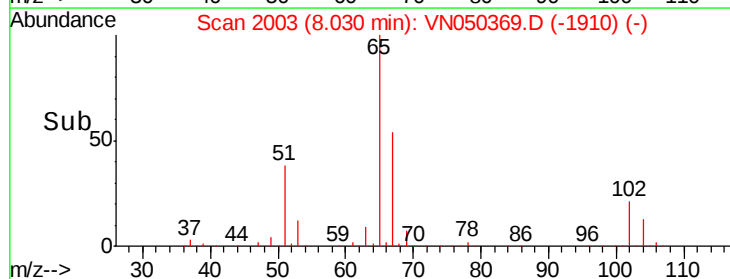
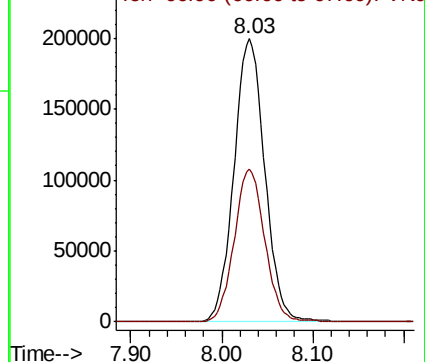
Ion Ratio Lower Upper

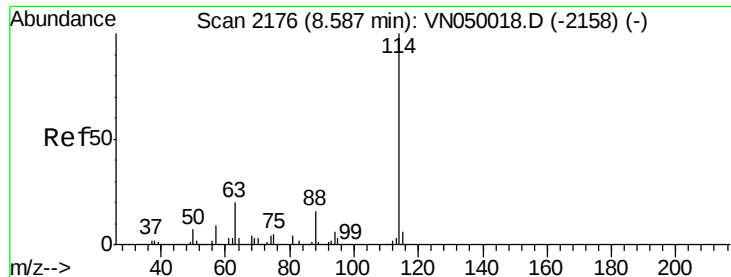
65 100

67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

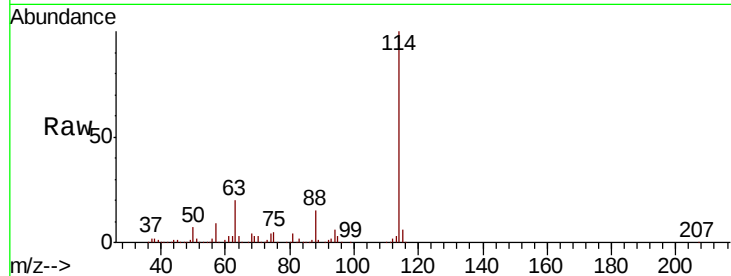




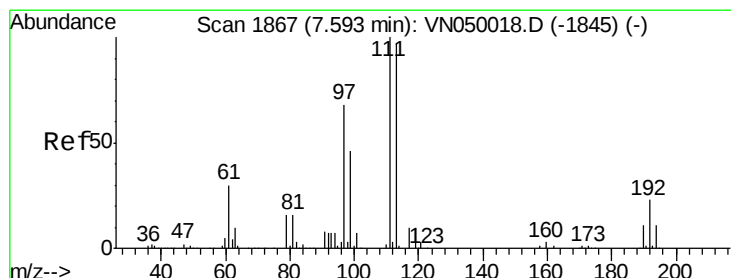
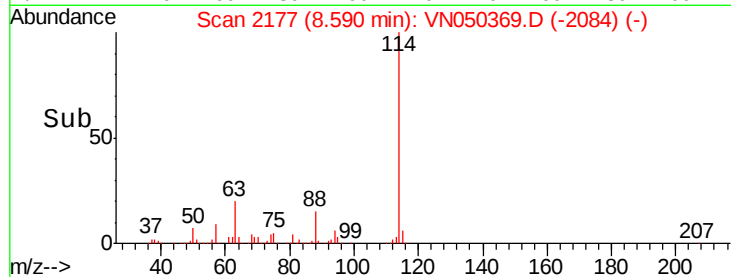
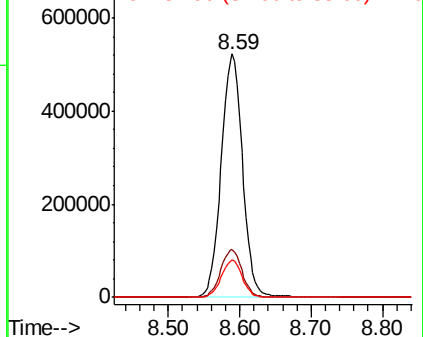
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050369.D
 Acq: 4 Aug 2018 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Tot Ion:114 Resp: 1086188
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.4 0.0 31.2

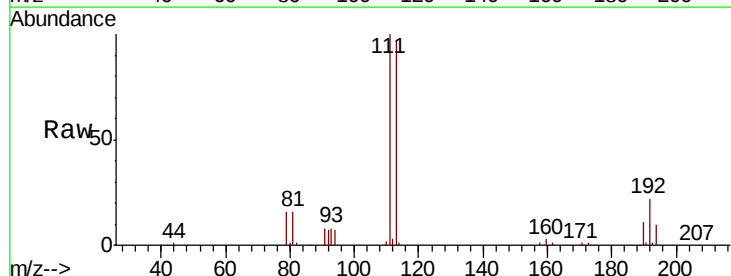


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

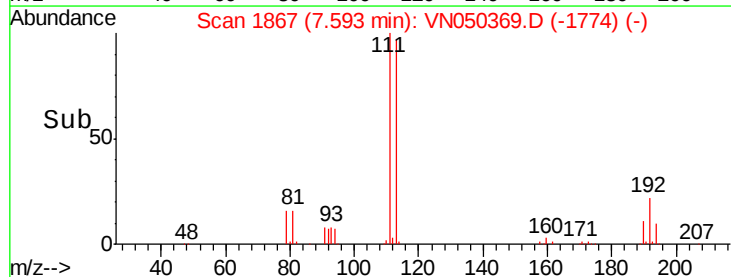
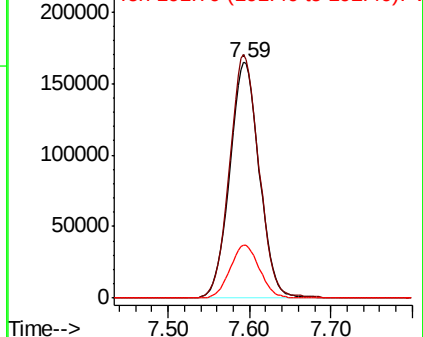


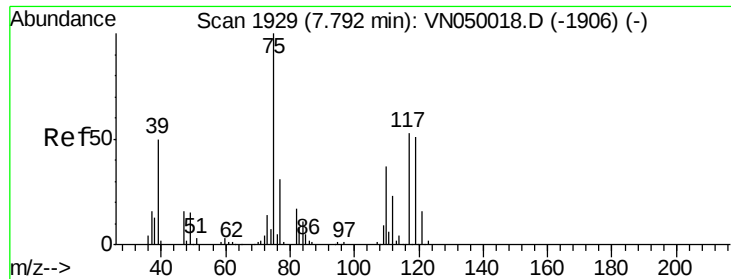
#35
 Dibromofluoromethane
 Concen: 47.00 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050369.D
 Acq: 4 Aug 2018 16:11

Tgt Ion:113 Resp: 416834
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.3 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

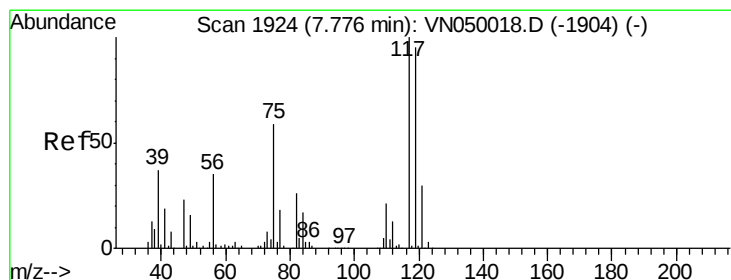
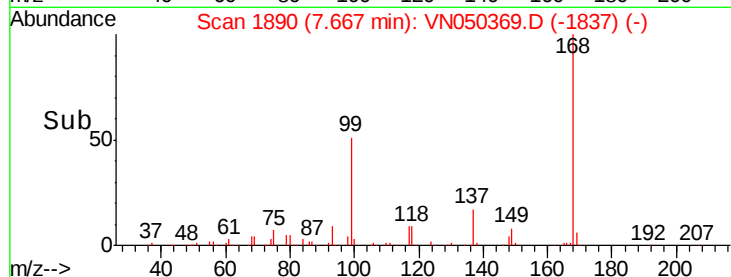
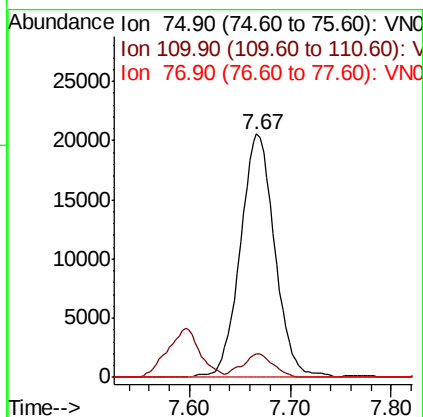
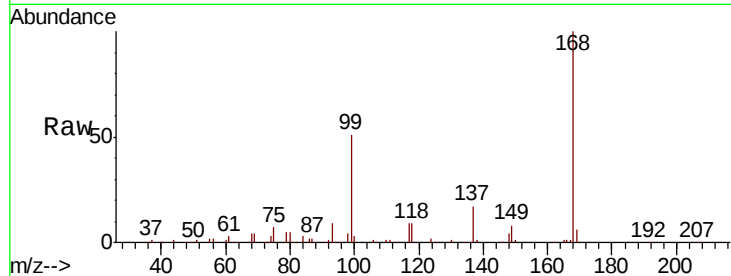




#36
 1,1-Dichloropropene
 Concen: 3.97 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050369.D
 Acq: 4 Aug 2018 16:11

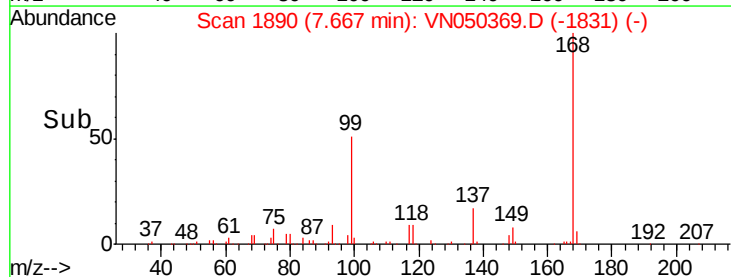
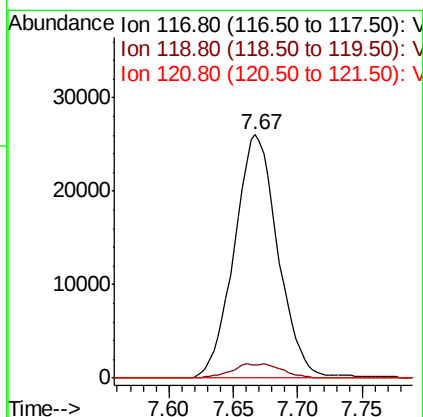
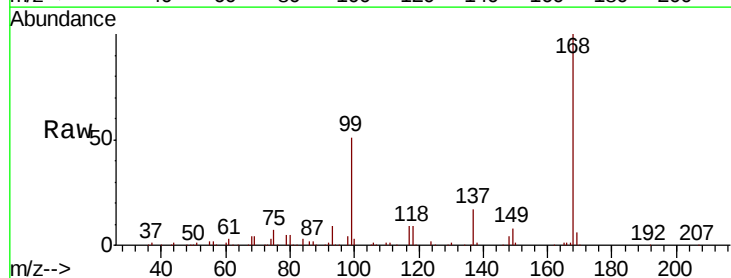
Instrument :
 MSVOA_N
 ClientSampled :
 MW-11

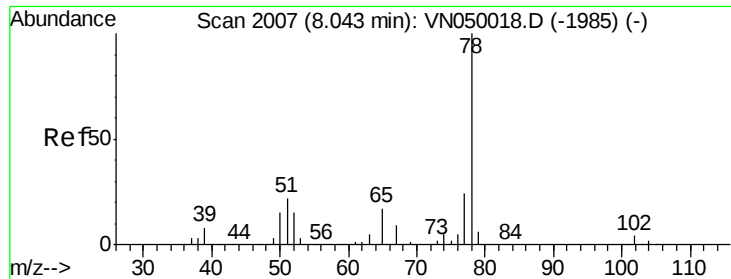
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.72 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050369.D
 Acq: 4 Aug 2018 16:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.4	116.0#
121	0.0	23.9	35.9#





#40

Benzene

Concen: 0.37 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampled :

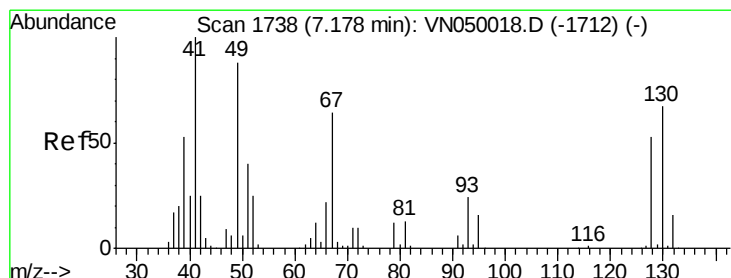
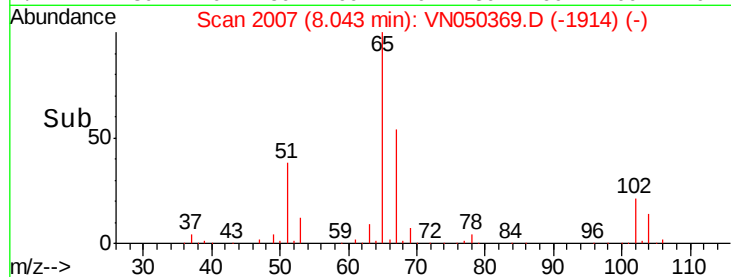
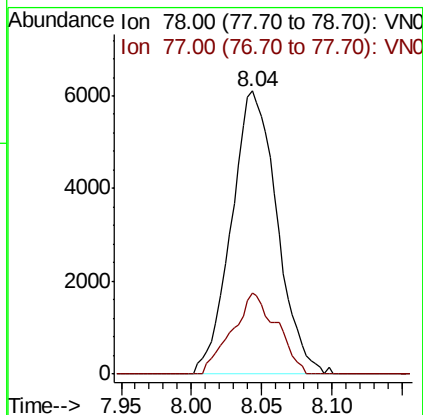
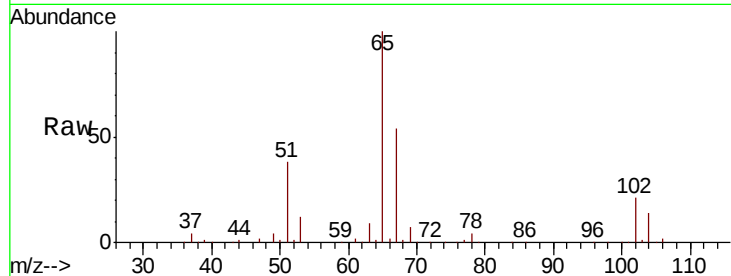
MW-11

Tot Ion: 78 Resp: 13836

Ion Ratio Lower Upper

78 100

77 28.7 18.7 28.1#



#41

Methacrylonitrile

Concen: 2.75 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.04 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Tgt Ion: 41 Resp: 29

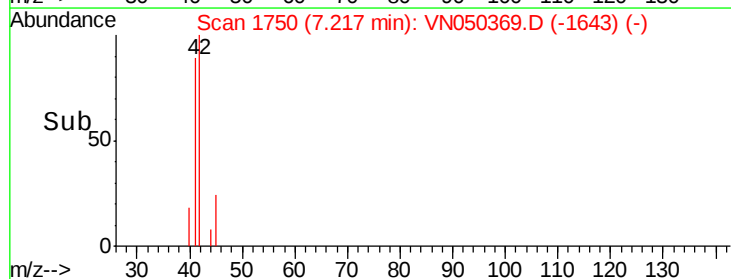
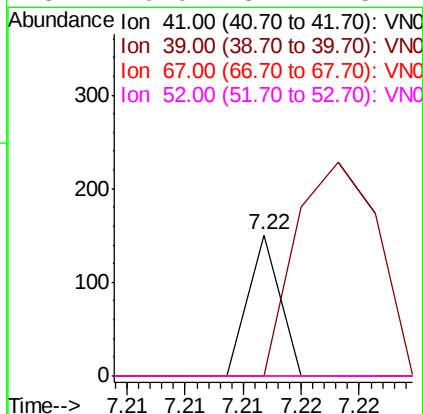
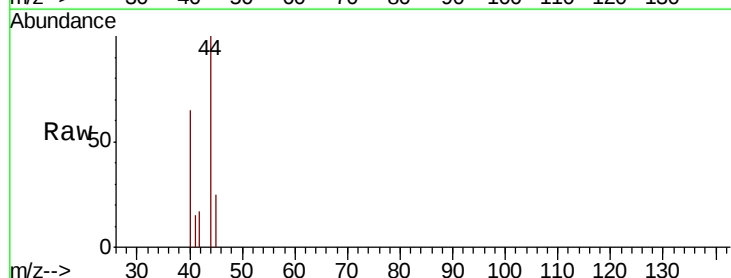
Ion Ratio Lower Upper

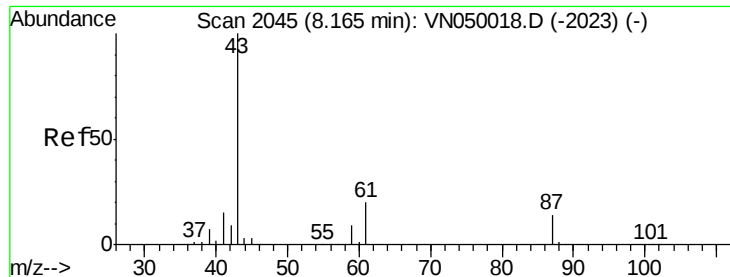
41 100

39 386.2 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#





#43

Isopropyl Acetate

Concen: 0.66 ug/l

RT: 8.25 min Scan# 2070

Delta R.T. 0.08 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampled :

MW-11

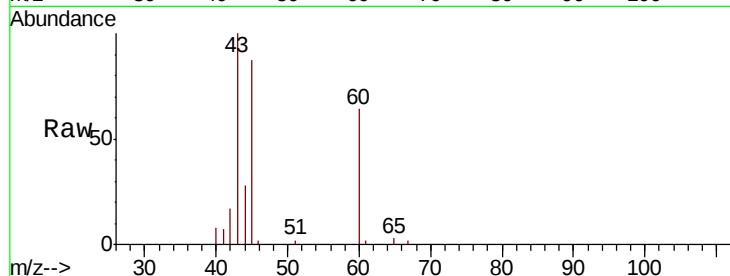
Tot Ion: 43 Resp: 28695

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

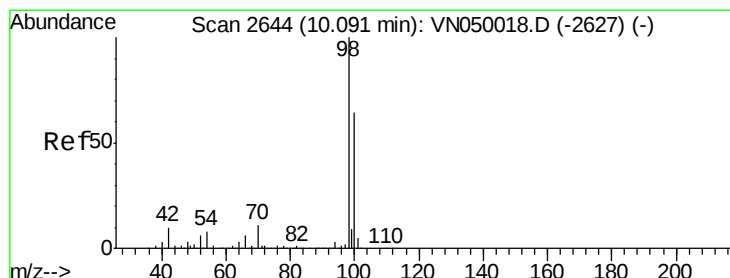
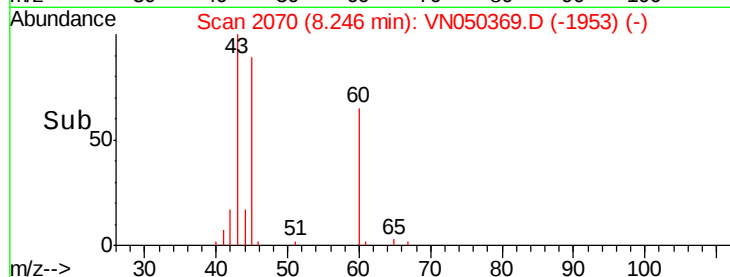
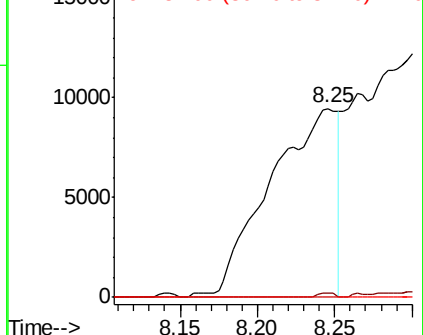
87 0.0 10.3 15.5#



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



#50

Toluene-d8

Concen: 46.80 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050369.D

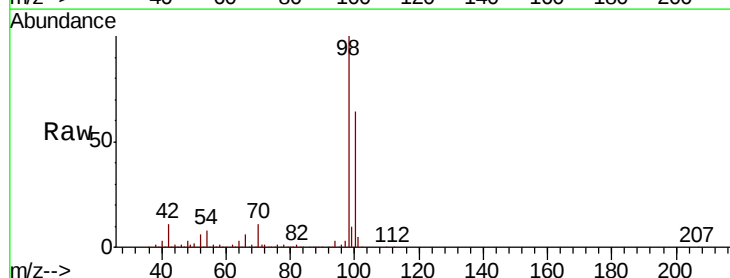
Acq: 4 Aug 2018 16:11

Tgt Ion: 98 Resp: 1525827

Ion Ratio Lower Upper

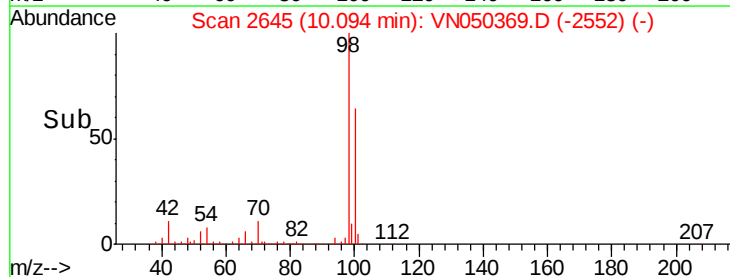
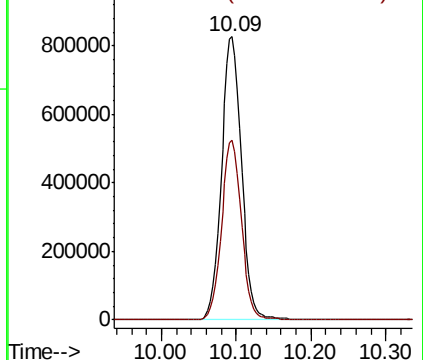
98 100

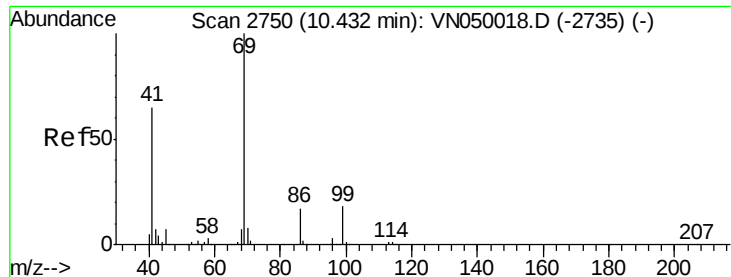
100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.21 min Scan# 2682

Delta R.T. -0.22 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampleId :

MW-11

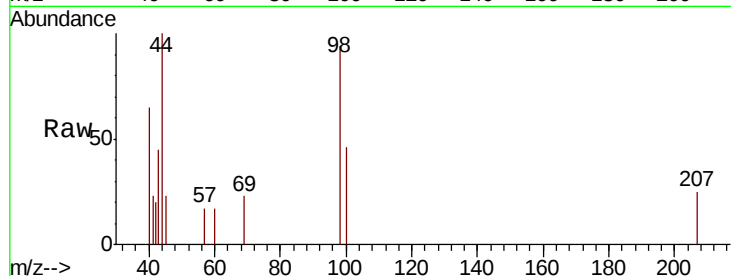
Tot Ion: 69 Resp: 110

Ion Ratio Lower Upper

69 100

41 353.6 51.0 76.4#

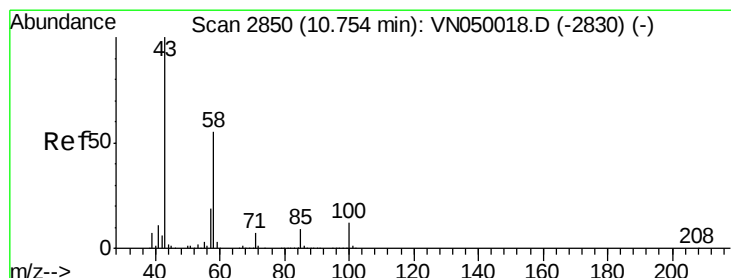
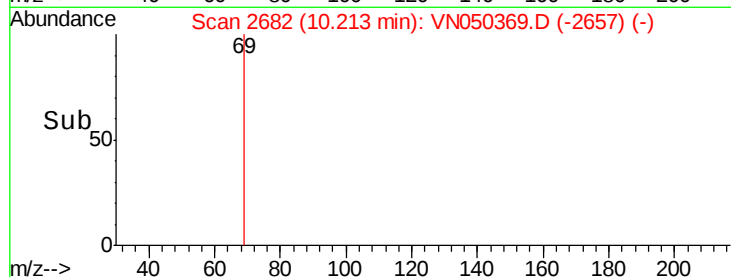
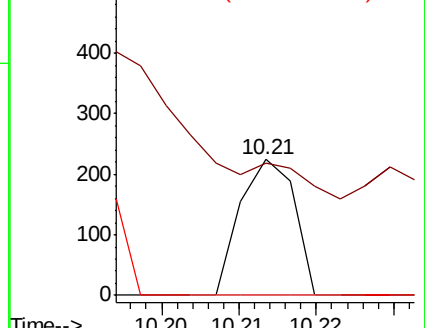
39 0.0 26.6 40.0#



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: 6.76 ug/l

RT: 10.61 min Scan# 2805

Delta R.T. -0.14 min

Lab File: VN050369.D

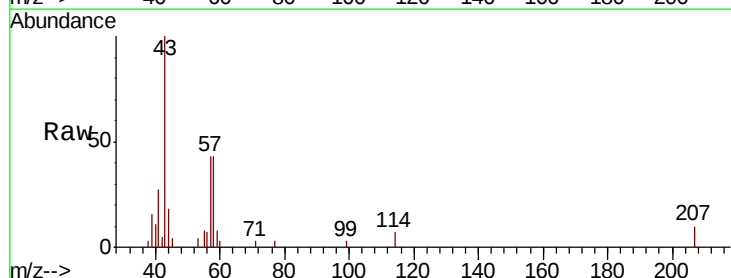
Acq: 4 Aug 2018 16:11

Tgt Ion: 43 Resp: 9951

Ion Ratio Lower Upper

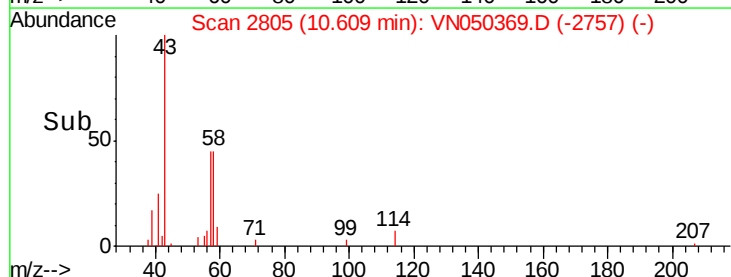
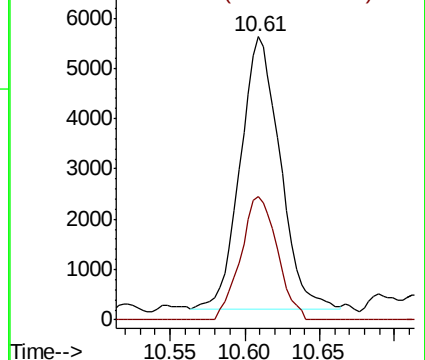
43 100

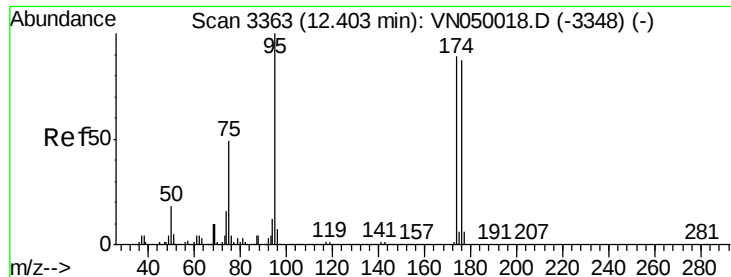
58 41.8 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

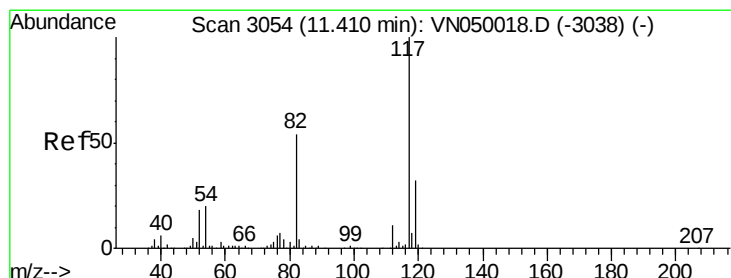
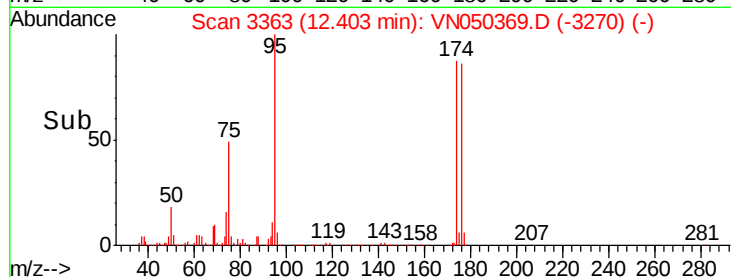
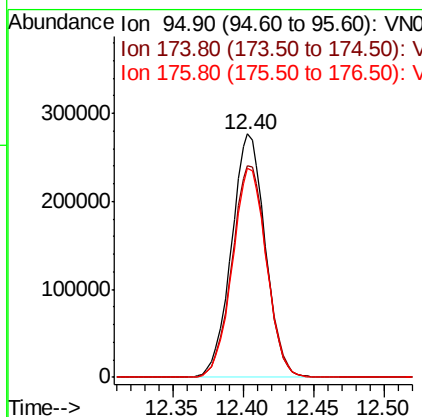
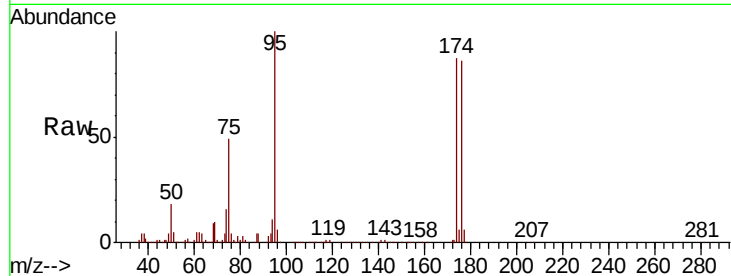




#62
4-Bromofluorobenzene
Concen: 43.05 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050369.D
Acq: 4 Aug 2018 16:11

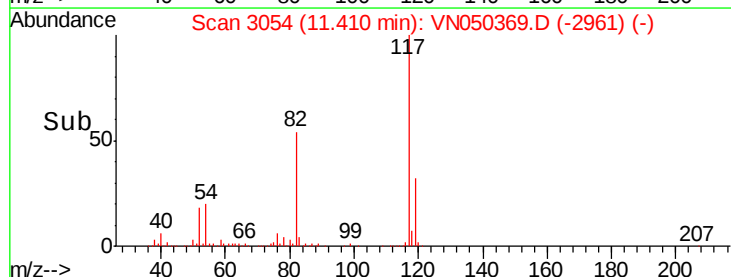
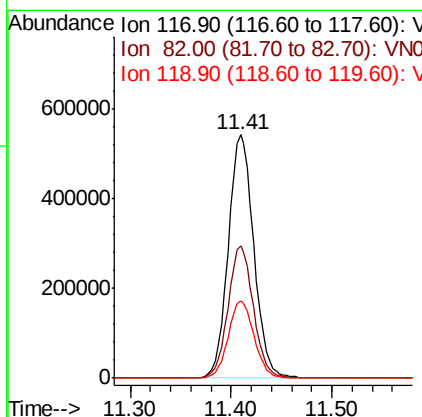
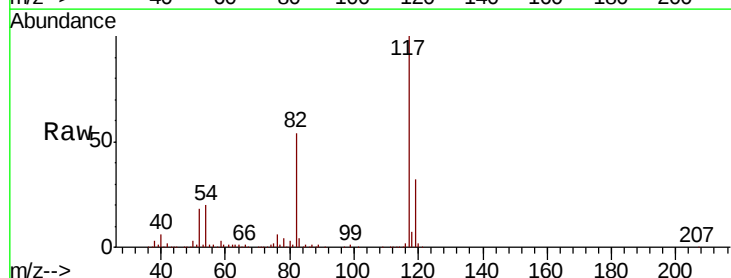
Instrument :
MSVOA_N
ClientSampled :
MW-11

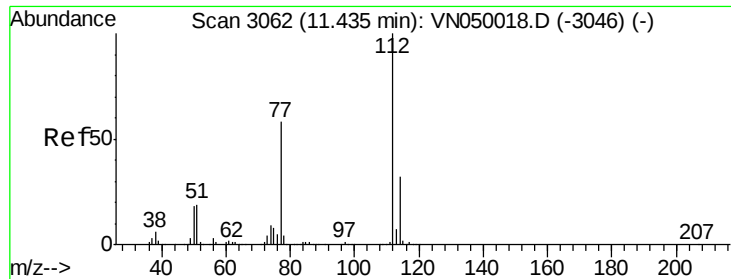
Tot Ion: 95 Resp: 462149
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.2
176 86.6 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050369.D
Acq: 4 Aug 2018 16:11

Tgt Ion: 117 Resp: 956918
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 31.9 26.1 39.1





#65

Chlorobenzene

Concen: 0.64 ug/l

RT: 11.44 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampleId :

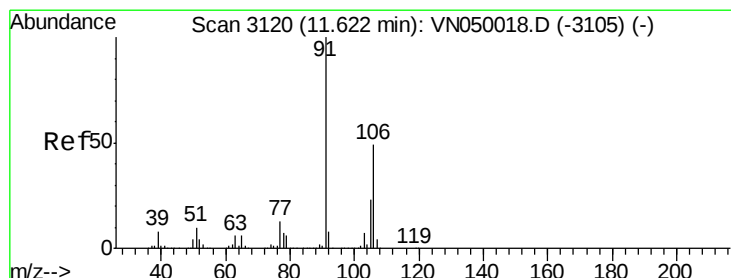
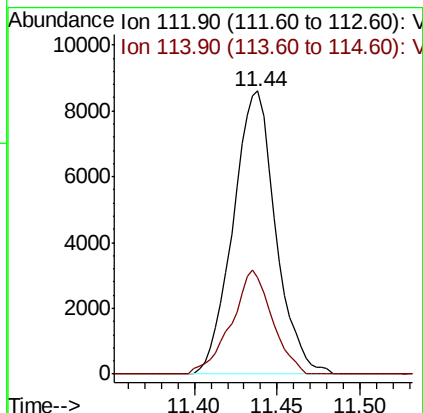
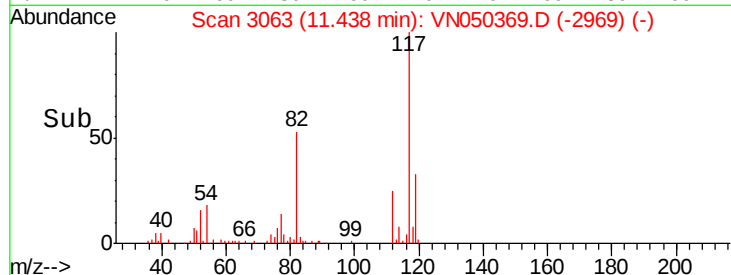
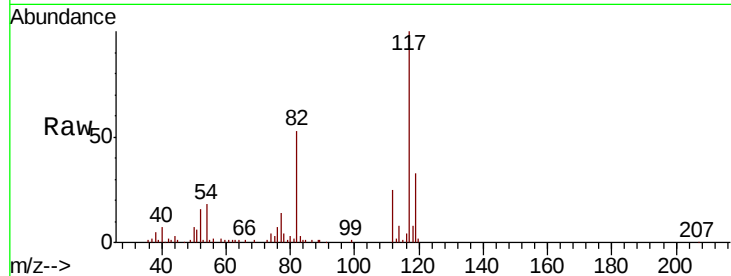
MW-11

Tot Ion:112 Resp: 15378

Ion Ratio Lower Upper

112 100

114 34.2 25.6 38.4



#68

m/p-Xylenes

Concen: 0.25 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050369.D

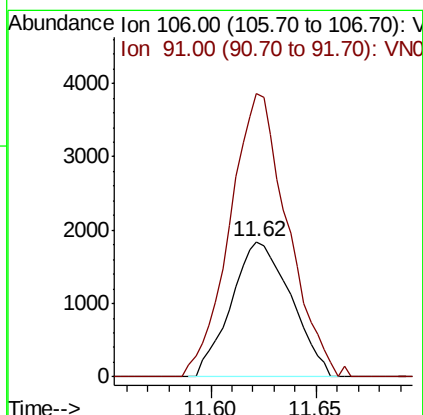
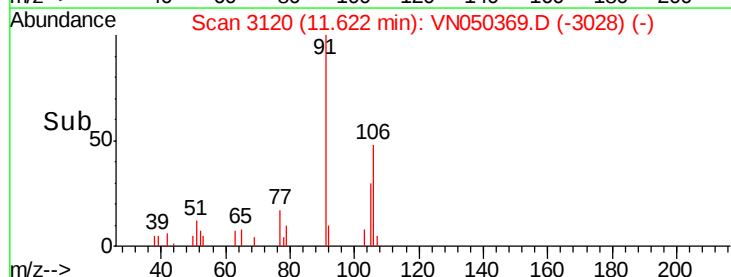
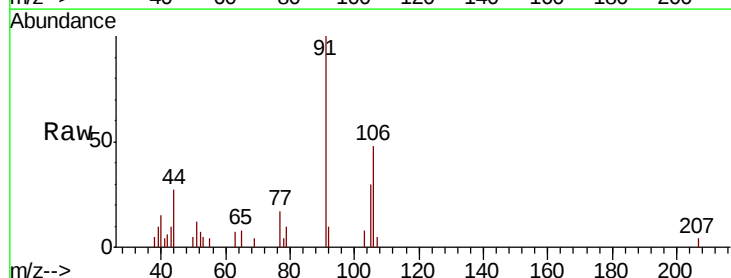
Acq: 4 Aug 2018 16:11

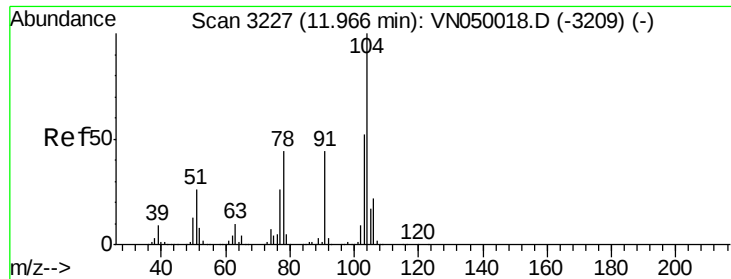
Tgt Ion:106 Resp: 3635

Ion Ratio Lower Upper

106 100

91 201.9 162.2 243.2





#70

Stvrene

Concen: 0.93 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampled :

MW-11

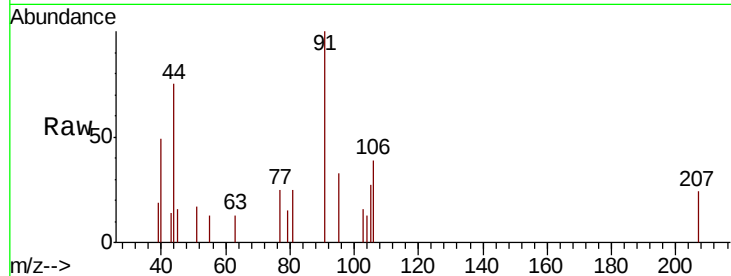
Tot Ion:104 Resp: 59

Ion Ratio Lower Upper

104 100

78 493.2 39.3 58.9#

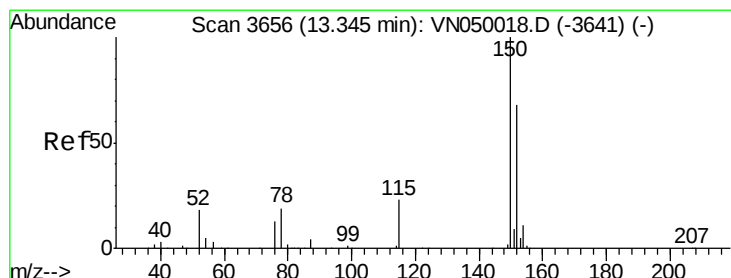
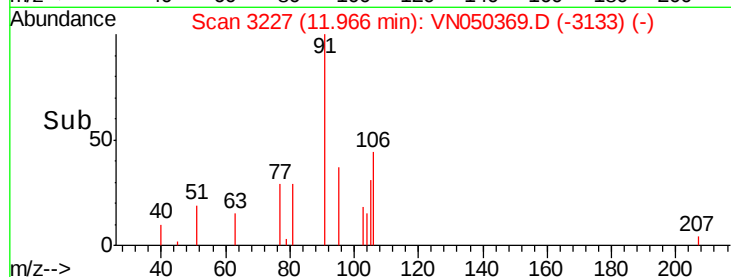
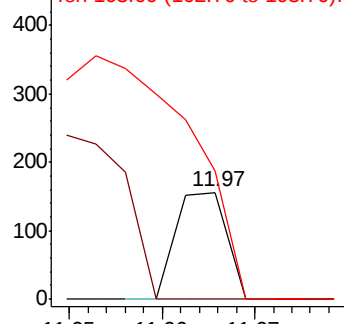
103 816.9 45.0 67.6#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

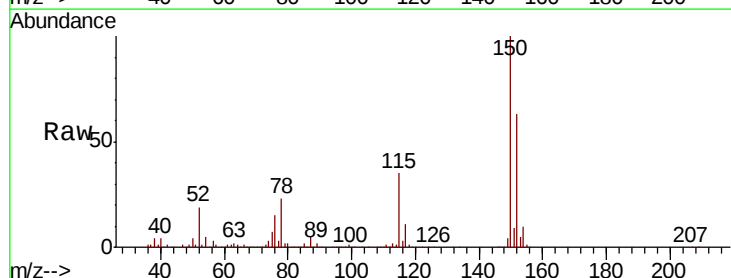
Tgt Ion:152 Resp: 409635

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

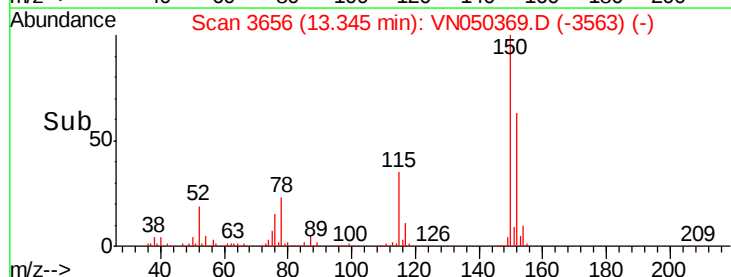
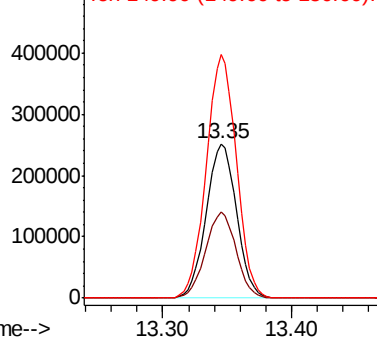
150 157.1 0.0 348.6

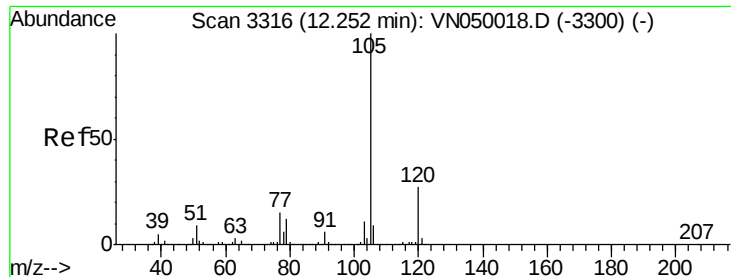


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.20 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampled :

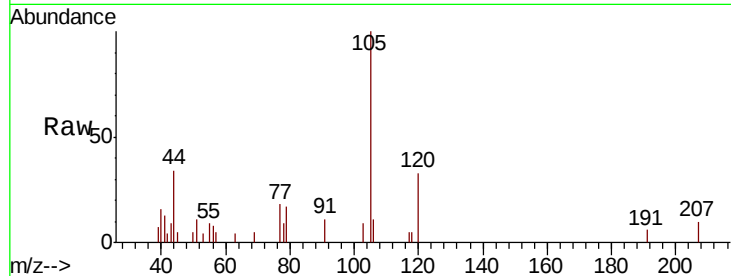
MW-11

Tot Ion:105 Resp: 6394

Ion Ratio Lower Upper

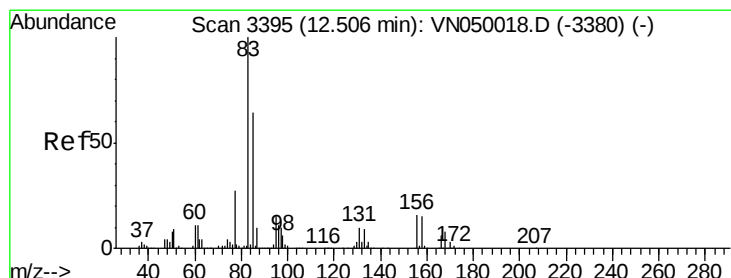
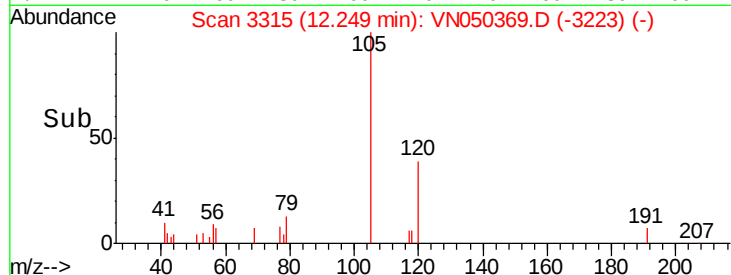
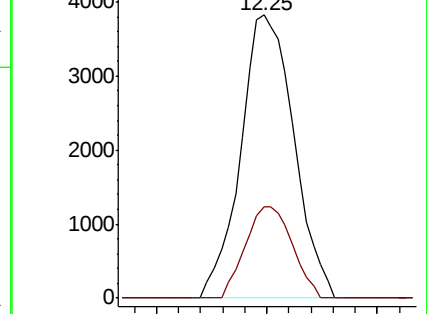
105 100

120 28.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.56 min Scan# 3412

Delta R.T. 0.06 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

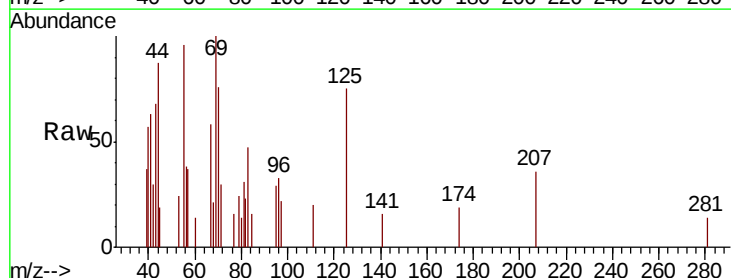
Tgt Ion: 83 Resp: 1089

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

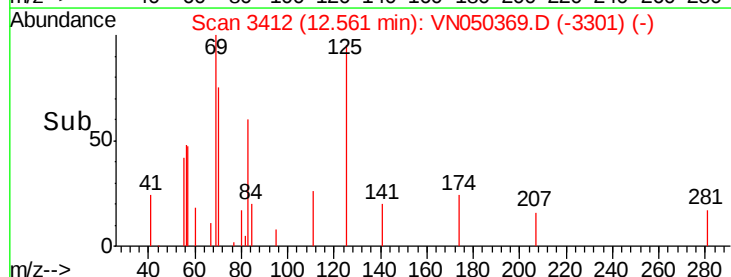
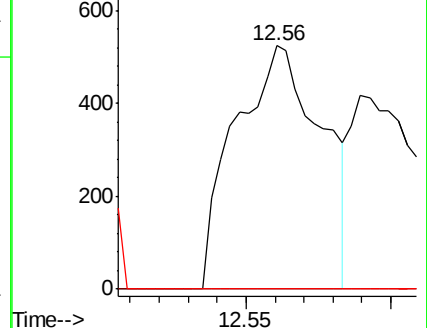
85 0.0 32.3 96.8#

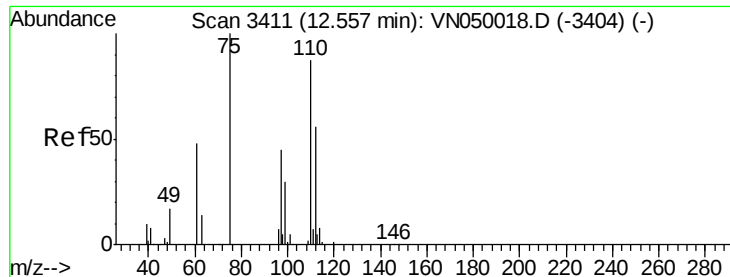


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 29.46 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampled :

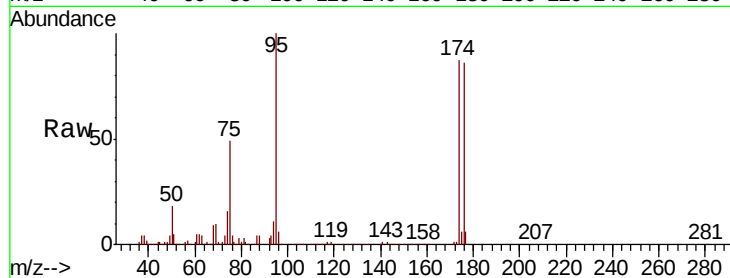
MW-11

Tot Ion: 75 Resp: 224262

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

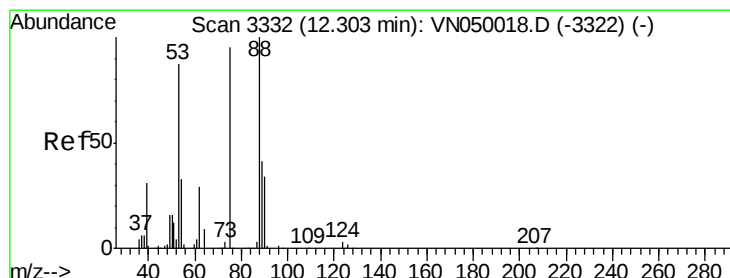
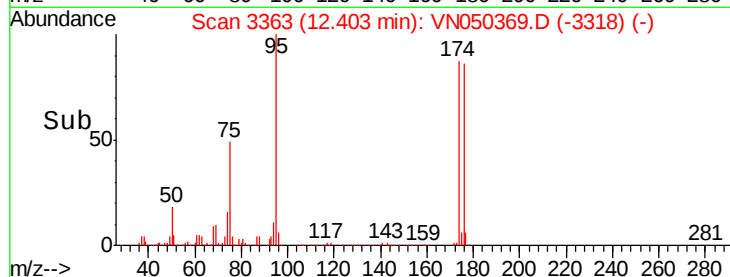
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 93.44 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

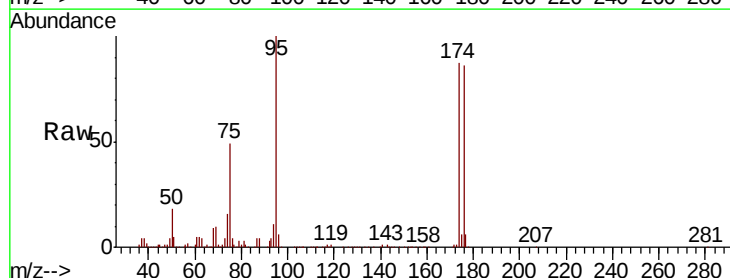
Tgt Ion: 75 Resp: 224262

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.40

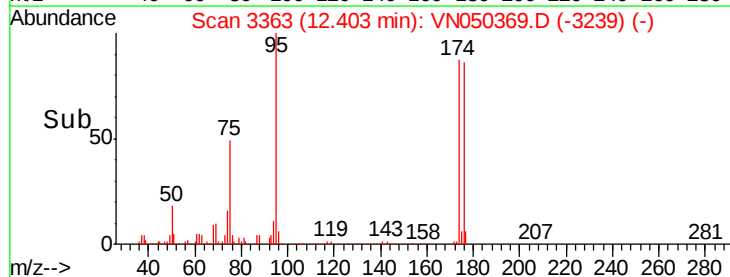
150000

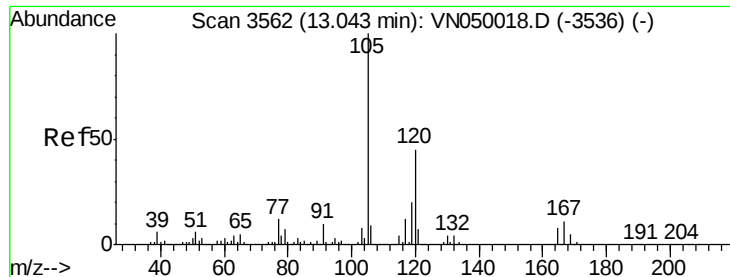
100000

50000

0

Time--> 12.30 12.40 12.50

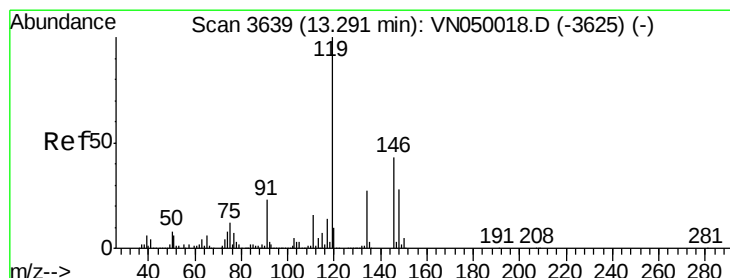
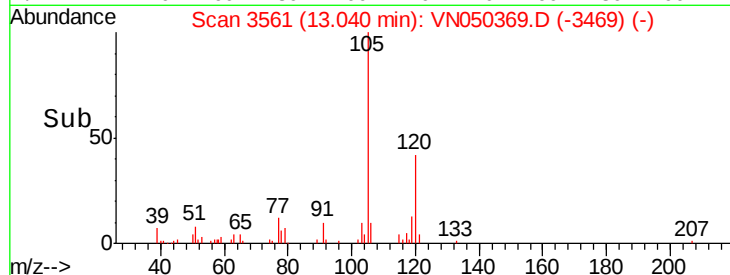
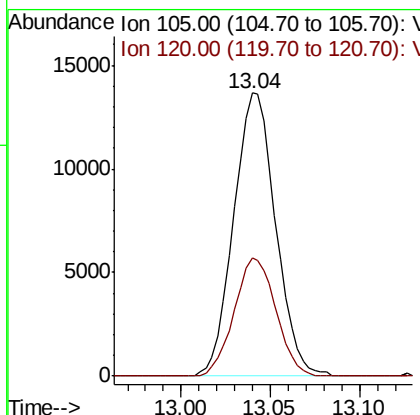
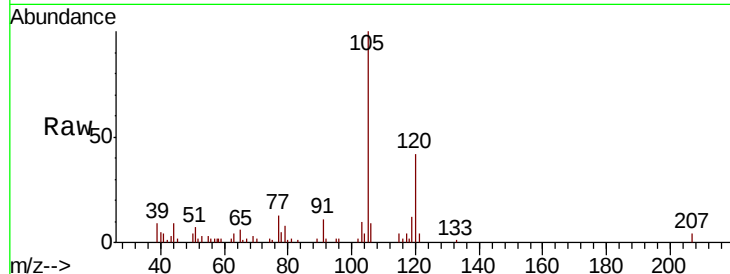




#84
 1,2,4-Trimethylbenzene
 Concen: 0.89 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050369.D
 Acq: 4 Aug 2018 16:11

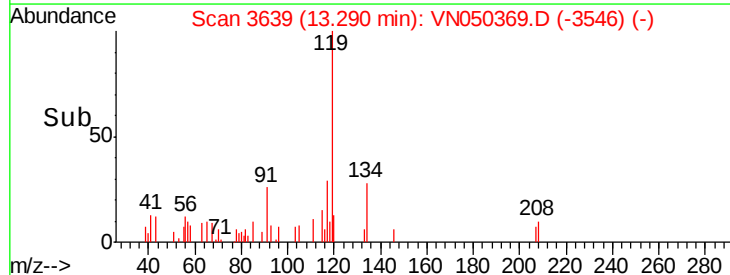
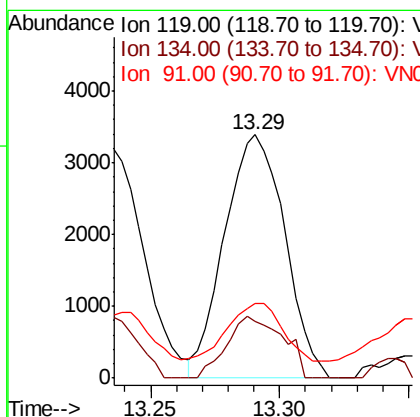
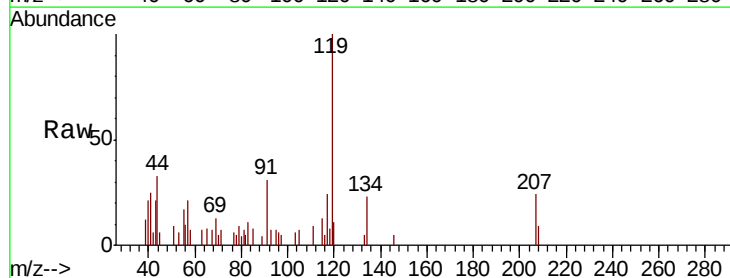
Instrument :
 MSVOA_N
 ClientSampled :
 MW-11

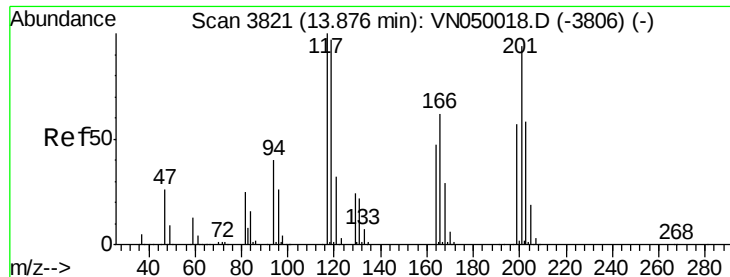
Tot Ion:105 Resp: 22442
 Ion Ratio Lower Upper
 105 100
 120 41.4 22.9 68.7



#86
 p-Isopropyltoluene
 Concen: 0.22 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050369.D
 Acq: 4 Aug 2018 16:11

Tgt Ion:119 Resp: 5508
 Ion Ratio Lower Upper
 119 100
 134 23.7 13.3 39.8
 91 21.9 11.4 34.2





#90

Hexachloroethane

Concen: 0.60 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

Instrument :

MSVOA_N

ClientSampled :

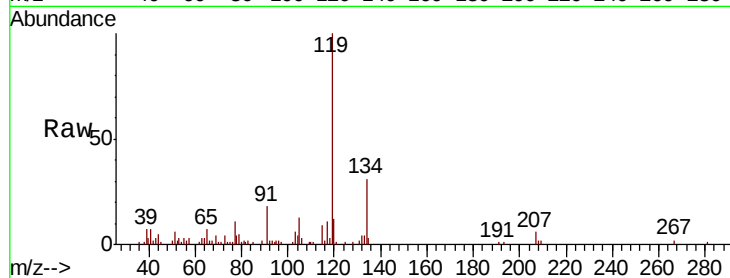
MW-11

Tot Ion:117 Resp: 3293

Ion Ratio Lower Upper

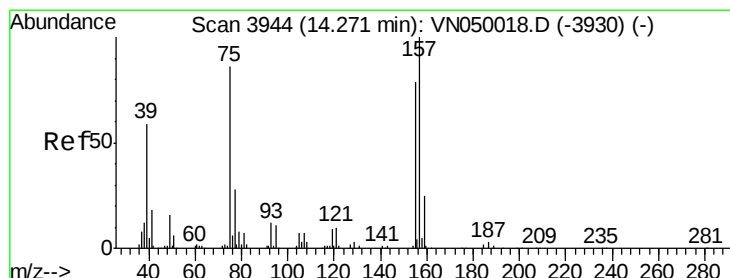
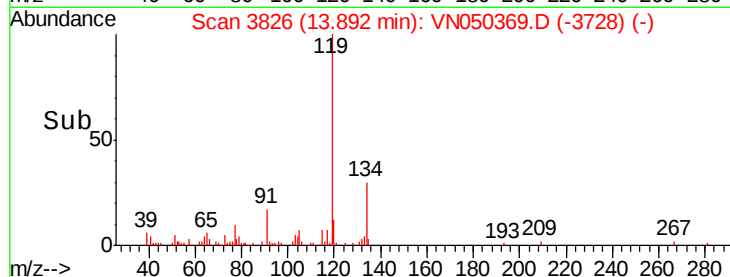
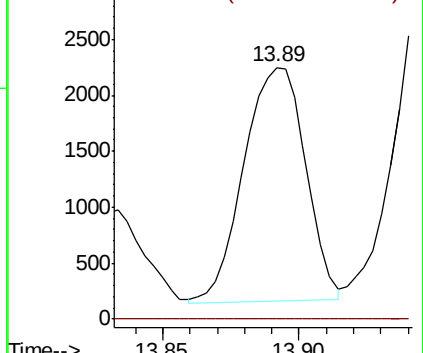
117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.25 min Scan# 3938

Delta R.T. -0.02 min

Lab File: VN050369.D

Acq: 4 Aug 2018 16:11

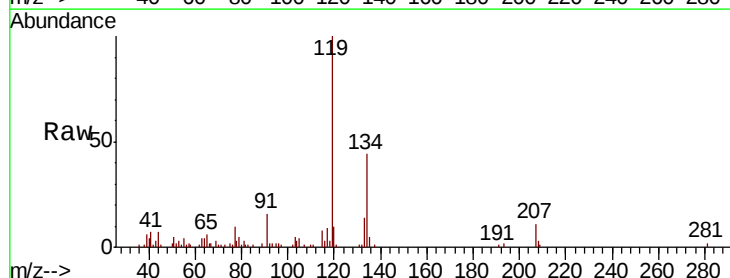
Tgt Ion: 75 Resp: 253

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

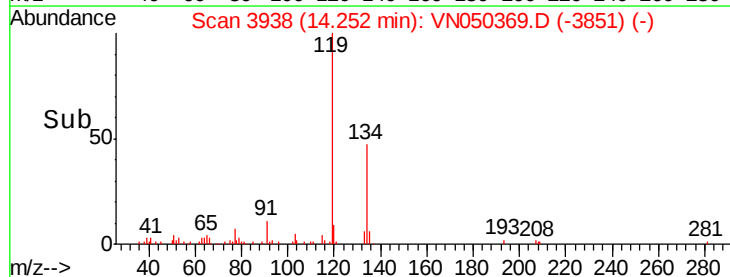
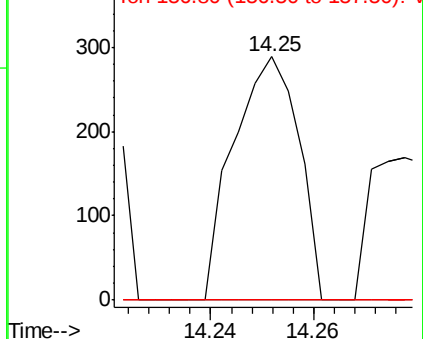
157 0.0 57.2 171.6#

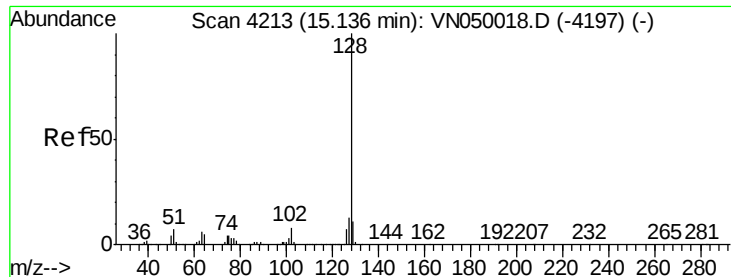


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 10.39 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050369.D
Acq: 4 Aug 2018 16:11

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	10.1	8.8	13.2

