

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050440.D
 Acq On : 7 Aug 2018 18:44
 Operator : MD\SY
 Sample : J4369-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19

Quant Time: Aug 08 05:28:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	852010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1287316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1135214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	501868	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	527039	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	
35) Dibromofluoromethane	7.59	113	481591	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
50) Toluene-d8	10.09	98	1798000	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.40	95	580951	43.89	ug/l	0.00
Spiked Amount			Recovery	=	87.78%	

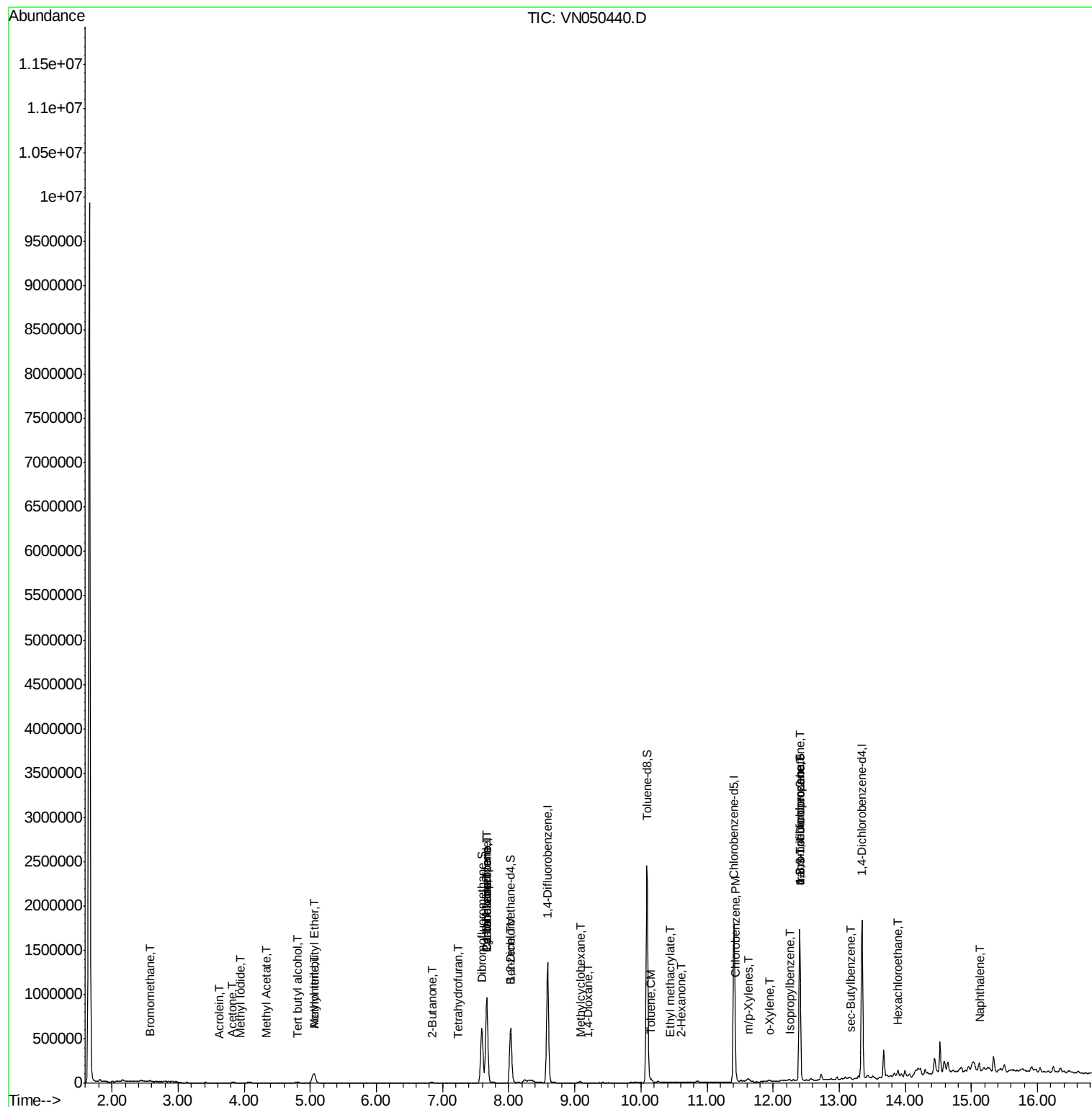
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	5399	Below Cal		97
5) Bromomethane	2.57	94	5095	1.02 ug/l		99
10) Methyl Iodide	3.95	142	1494	0.35 ug/l	#	55
11) Tert butyl alcohol	4.80	59	18249	19.96 ug/l	#	72
13) Acrolein	3.62	56	163	15.16 ug/l	#	38
15) Acrylonitrile	5.05	53	2257	0.59 ug/l	#	18
16) Acetone	3.82	43	19661	5.44 ug/l		95
18) Methyl Acetate	4.33	43	4655	0.34 ug/l	#	84
19) Methyl tert-butyl Ether	5.05	73	188321	7.20 ug/l		98
20) Methylene Chloride	4.56	84	2055	Below Cal		95
25) 2-Butanone	6.85	43	2030	0.36 ug/l	#	48
29) Tetrahydrofuran	7.23	42	720	0.24 ug/l	#	43
31) Cyclohexane	7.67	56	15373	0.32 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	57552	4.07 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	75056	5.09 ug/l	#	16
39) Methylcyclohexane	9.09	83	8141	0.53 ug/l		98
40) Benzene	8.04	78	17391	0.40 ug/l		99
49) 1,4-Dioxane	9.21	88	658	4.84 ug/l	#	64
52) Toluene	10.16	92	11654	0.45 ug/l		94
56) Ethyl methacrylate	10.44	69	896	1.77 ug/l	#	71
59) 2-Hexanone	10.61	43	6245	0.71 ug/l		74
65) Chlorobenzene	11.44	112	32011	1.12 ug/l		99
68) m/p-Xylenes	11.62	106	10949	0.63 ug/l		85
69) o-Xylene	11.95	106	4205	0.25 ug/l		73
73) Isopropylbenzene	12.25	105	12437	0.33 ug/l		95
76) 1,2,3-Trichloropropane	12.40	75	274587	30.23 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	274587	106.20 ug/l	#	13
85) sec-Butylbenzene	13.17	105	16618	0.47 ug/l	#	78
90) Hexachloroethane	13.89	117	3415	0.63 ug/l	#	4
94) Hexachlorobutadiene	15.01	225	272	Below Cal		81
95) Naphthalene	15.14	128	4687	3.80 ug/l	#	73

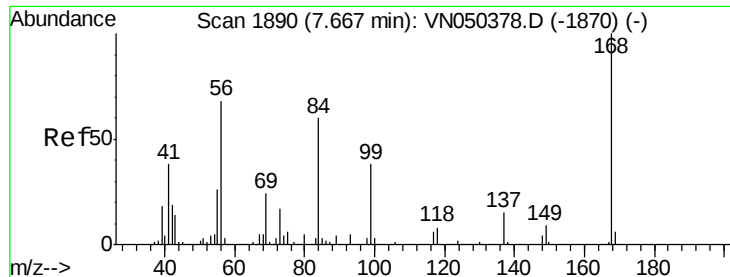
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 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: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

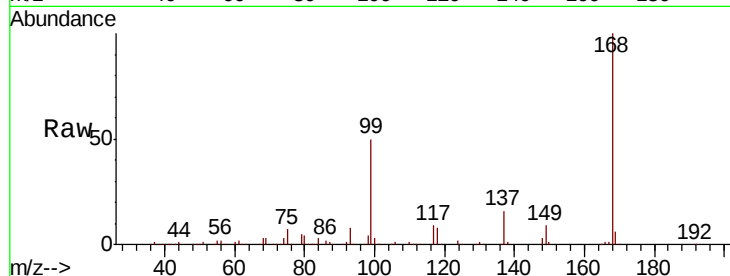
MW-19

Tot Ion:168 Resp: 852010

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

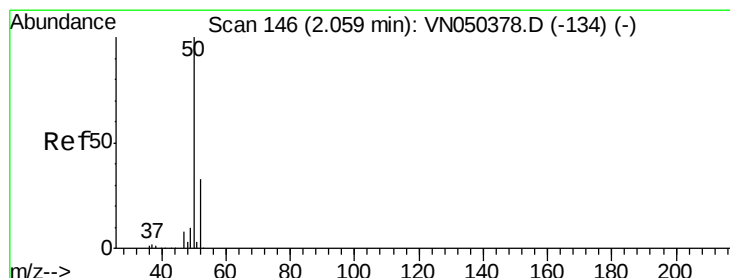
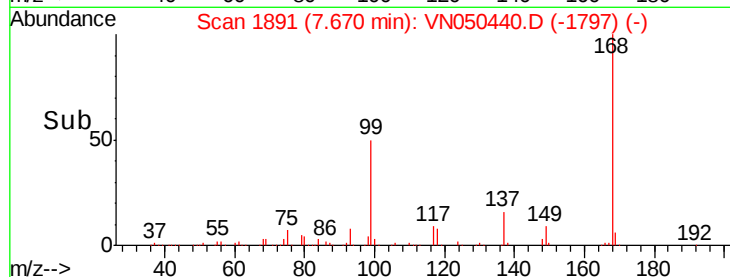
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050440.D

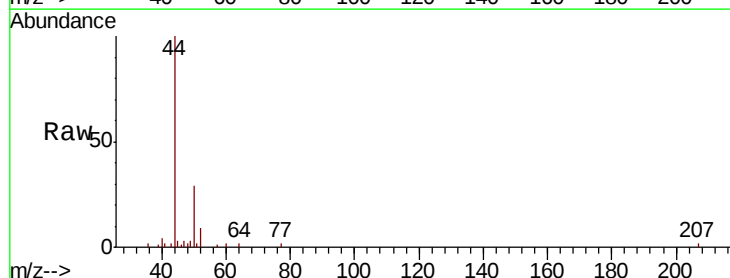
Acq: 7 Aug 2018 18:44

Tgt Ion: 50 Resp: 5399

Ion Ratio Lower Upper

50 100

52 30.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

4000

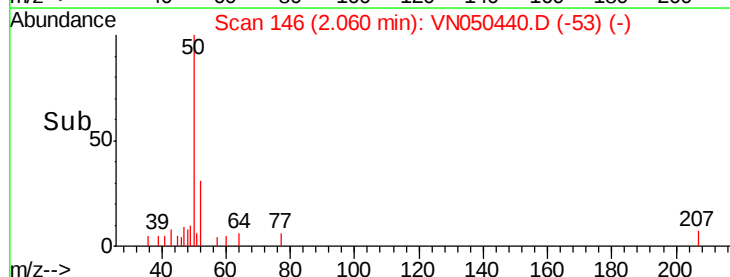
3000

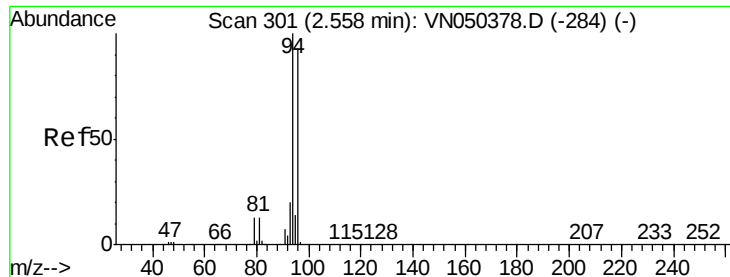
2000

1000

0

Time-->





#5

Bromomethane

Concen: 1.02 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

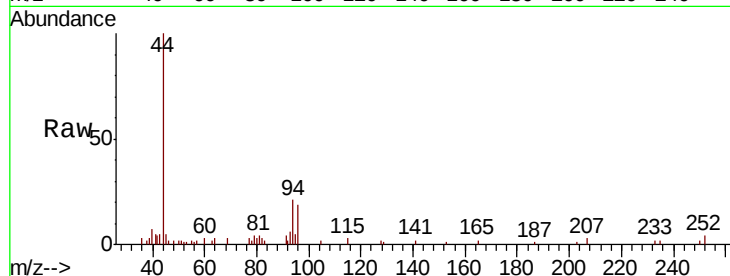
MW-19

Tot Ion: 94 Resp: 5095

Ion Ratio Lower Upper

94 100

96 92.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050378.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050378.D (-284) (-)

2.57

2000

1500

1000

500

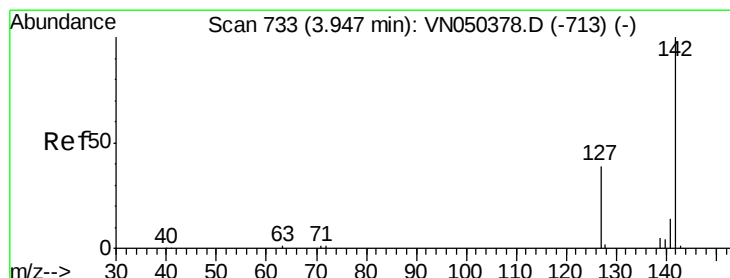
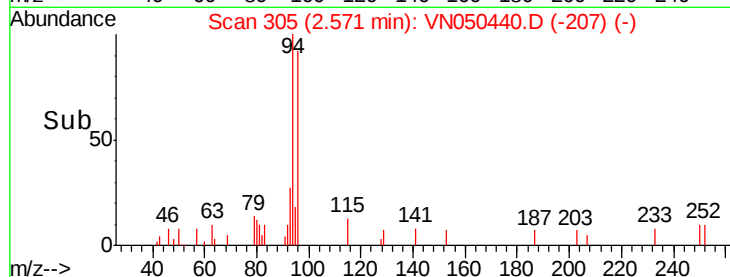
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Time-->

2.50

2.55

2.60



#10

Methyl Iodide

Concen: 0.35 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.01 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

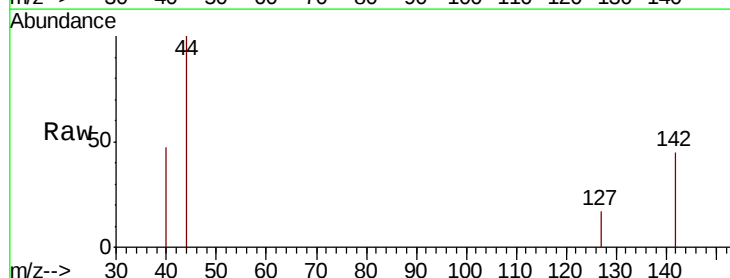
Tgt Ion: 142 Resp: 1494

Ion Ratio Lower Upper

142 100

127 11.2 33.4 50.2#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): VN050378.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050378.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050378.D (-713) (-)

800

600

400

200

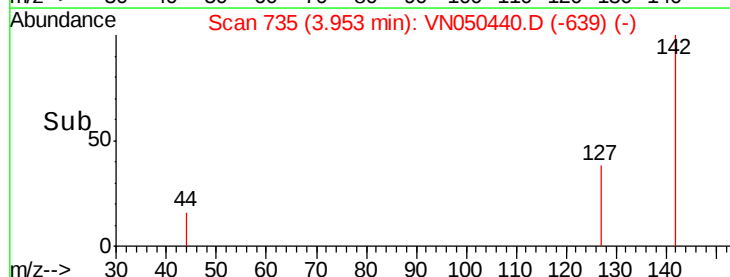
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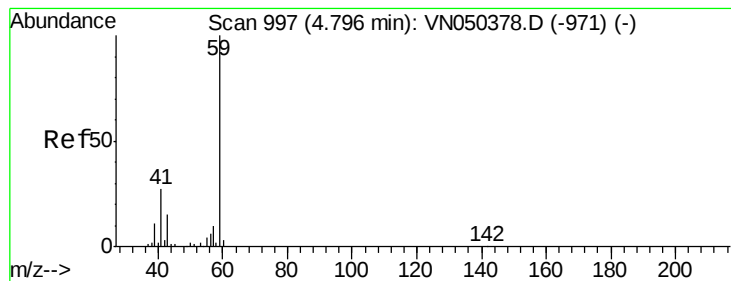
Time-->

3.90

3.95

4.00





#11

Tert butyl alcohol

Concen: 19.96 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

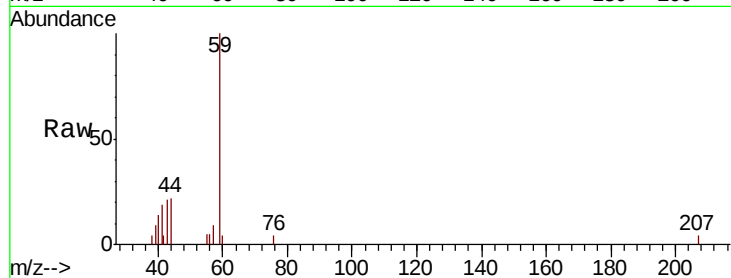
MW-19

Tot Ion: 59 Resp: 18249

Ion Ratio Lower Upper

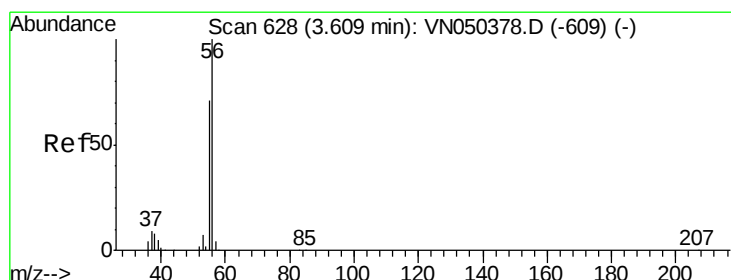
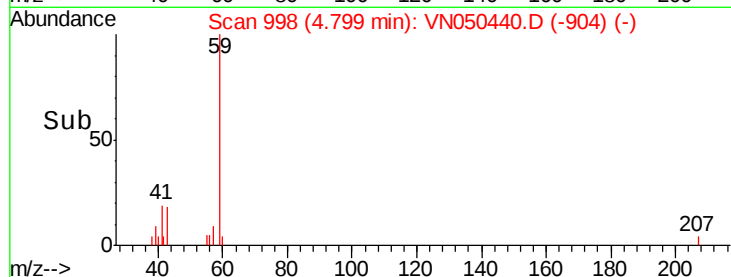
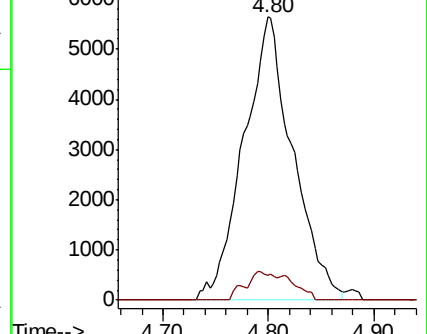
59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 15.16 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN050440.D

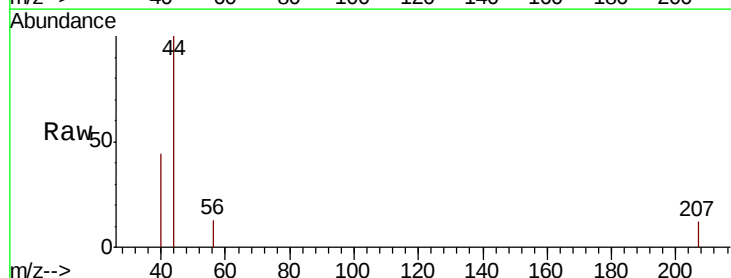
Acq: 7 Aug 2018 18:44

Tgt Ion: 56 Resp: 163

Ion Ratio Lower Upper

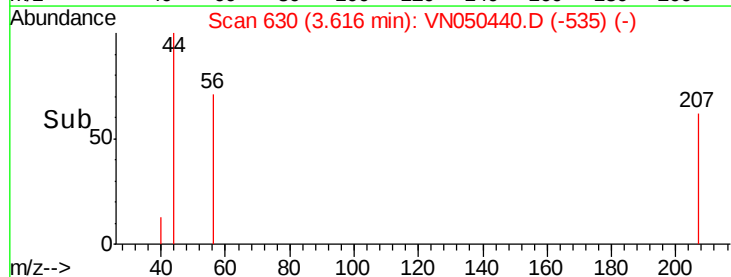
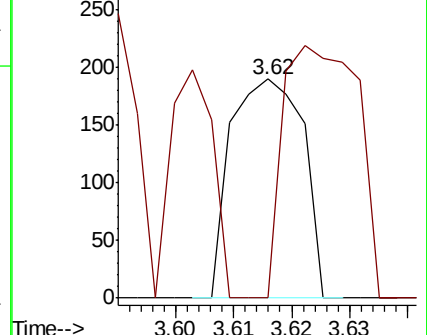
56 100

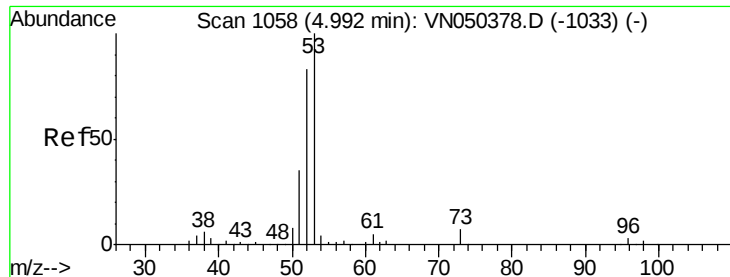
55 120.2 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#15

Acrylonitrile

Concen: 0.59 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.05 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

MW-19

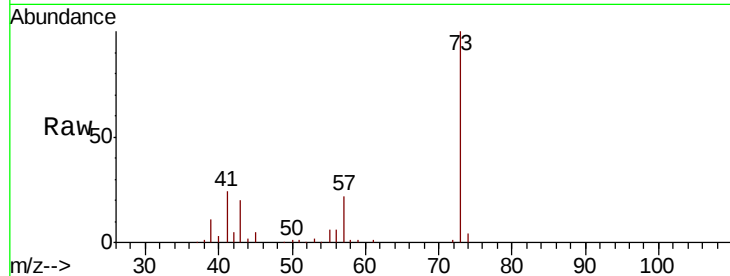
Tot Ion: 53 Resp: 2257

Ion Ratio Lower Upper

53 100

52 8.0 66.2 99.2#

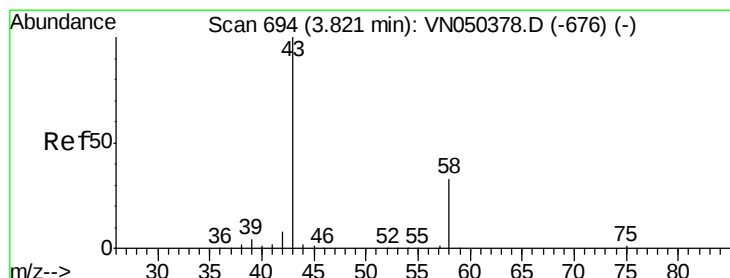
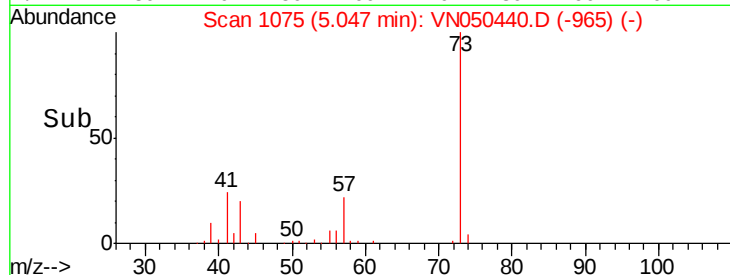
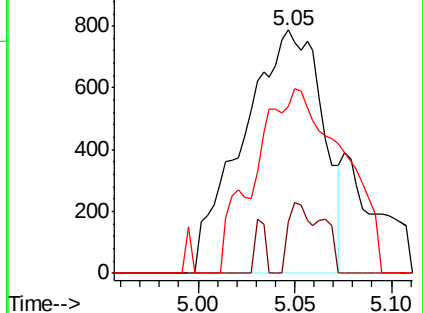
51 84.4 29.3 43.9#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 5.44 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050440.D

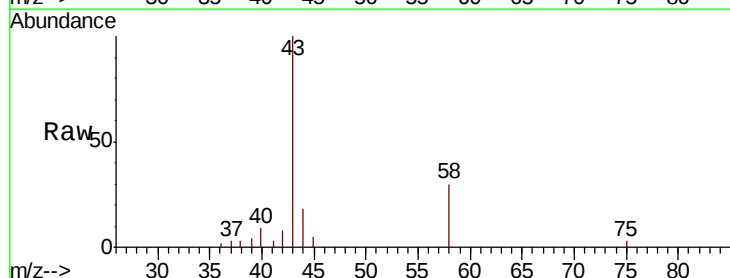
Acq: 7 Aug 2018 18:44

Tgt Ion: 43 Resp: 19661

Ion Ratio Lower Upper

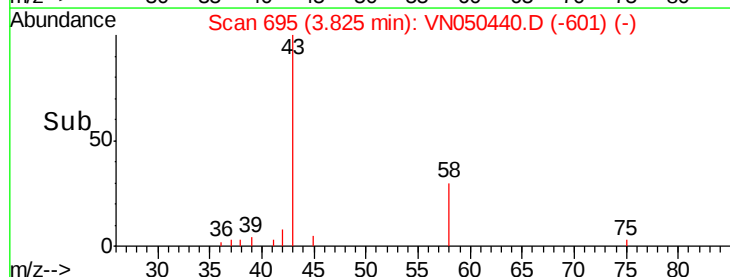
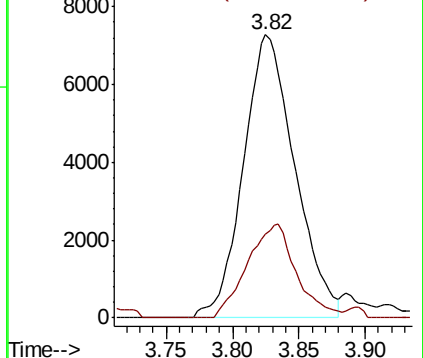
43 100

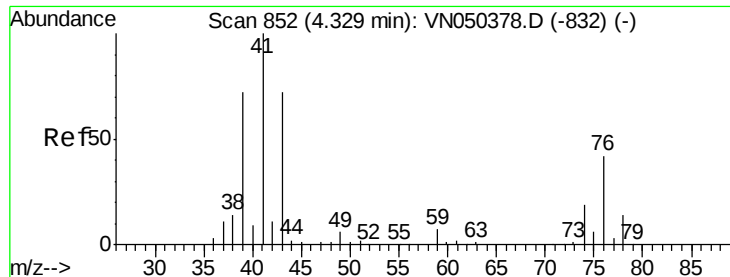
58 29.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 0.34 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

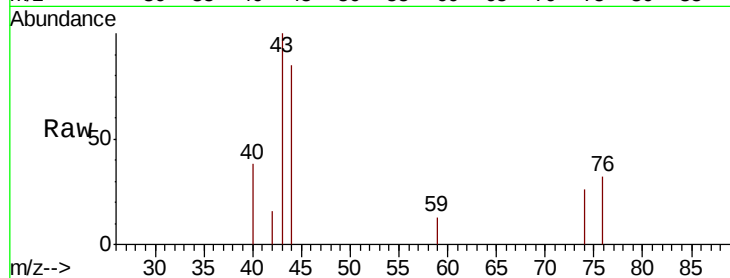
MW-19

Tot Ion: 43 Resp: 4655

Ion Ratio Lower Upper

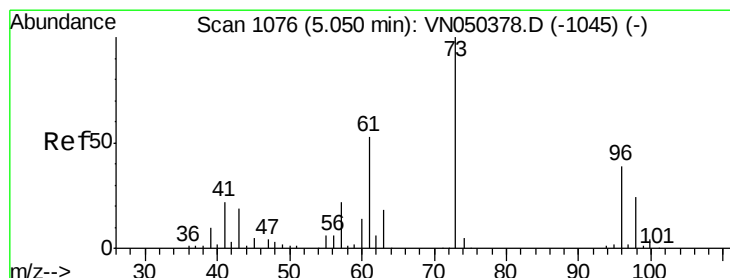
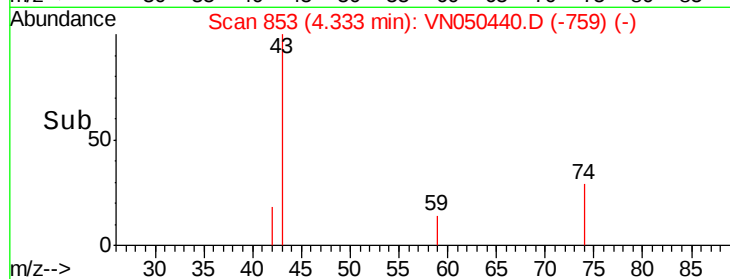
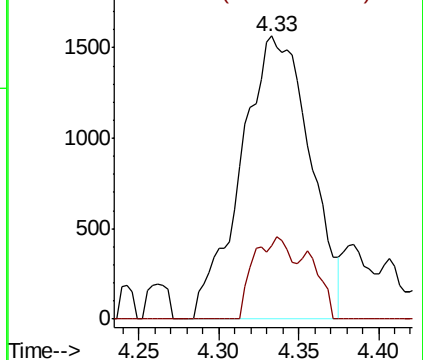
43 100

74 16.3 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#19

Methyl tert-butyl Ether

Concen: 7.20 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN050440.D

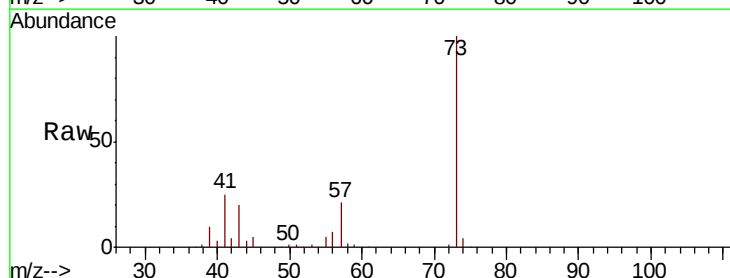
Acq: 7 Aug 2018 18:44

Tgt Ion: 73 Resp: 188321

Ion Ratio Lower Upper

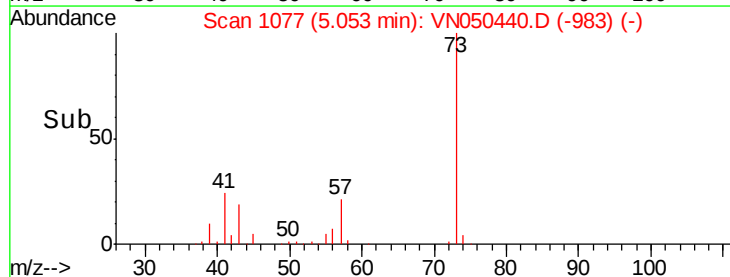
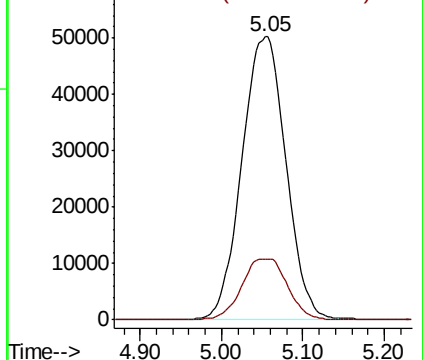
73 100

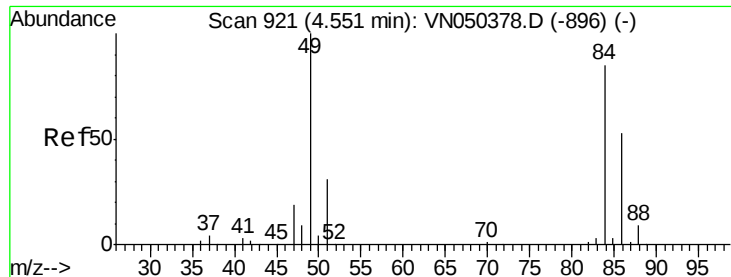
57 21.5 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

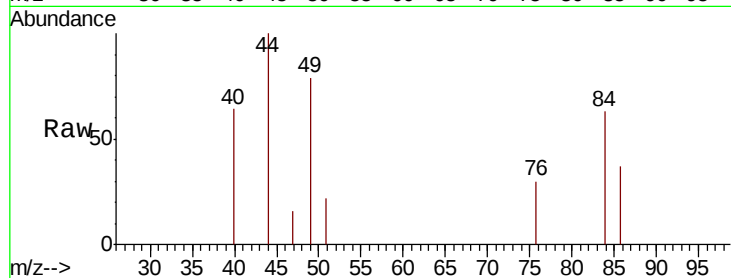




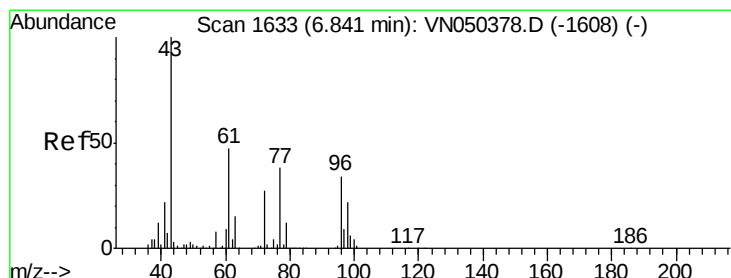
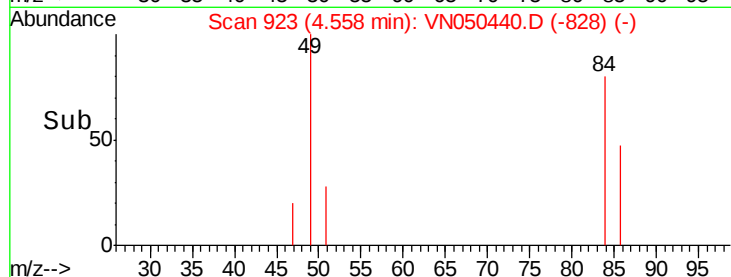
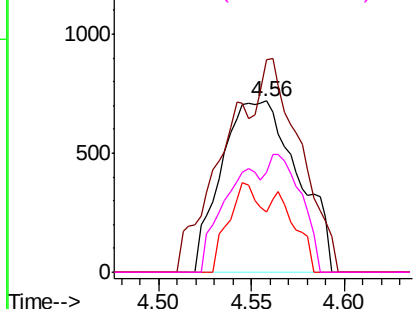
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

Instrument :
MSVOA_N
ClientSampled :
MW-19

Tot Ion: 84 Resp: 2055
Ion Ratio Lower Upper
84 100
49 124.5 94.8 142.2
51 35.1 28.3 42.5
86 58.4 51.0 76.6

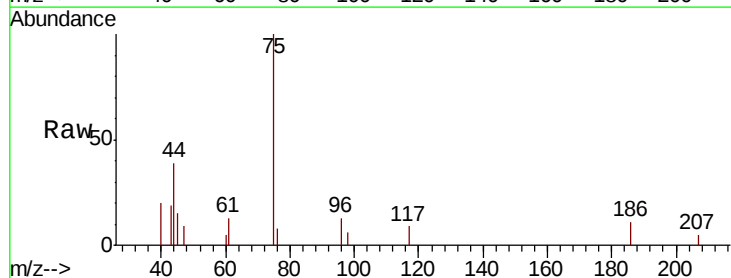


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

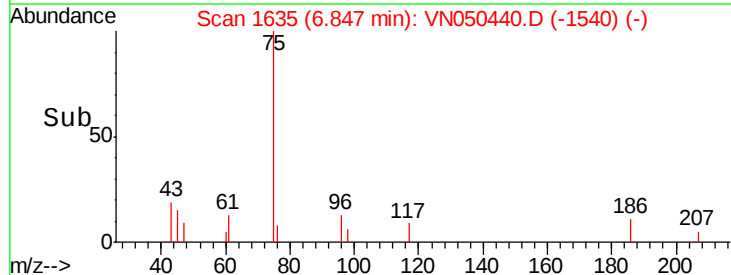
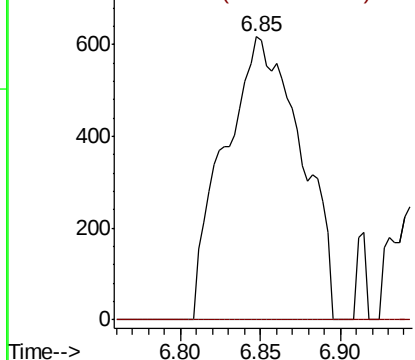


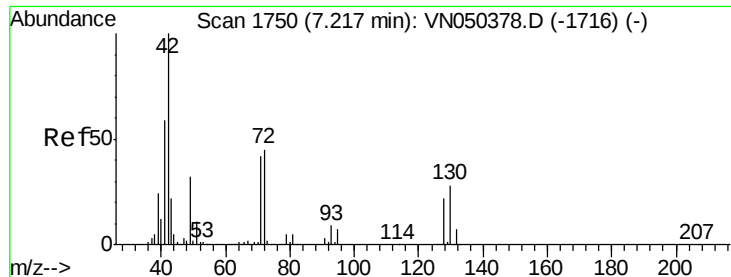
#25
2-Butanone
Concen: 0.36 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

MW-19

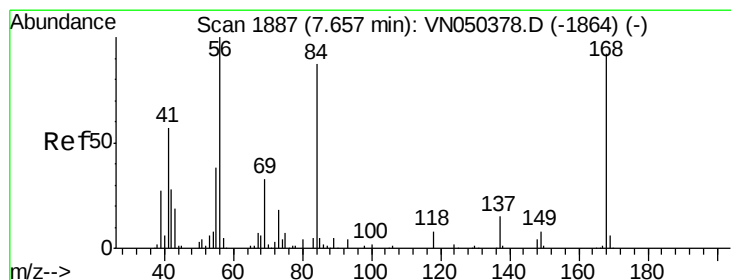
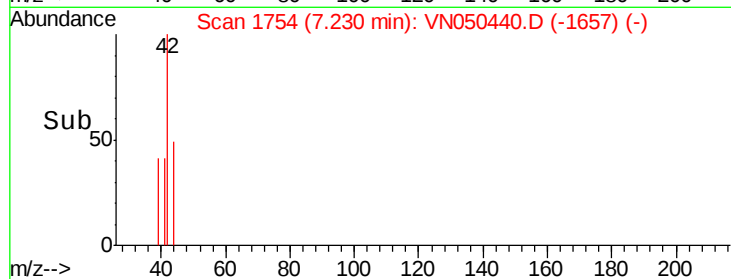
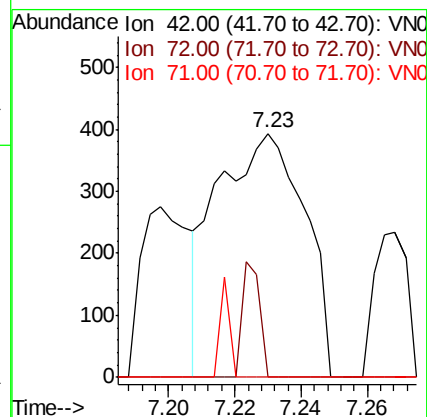
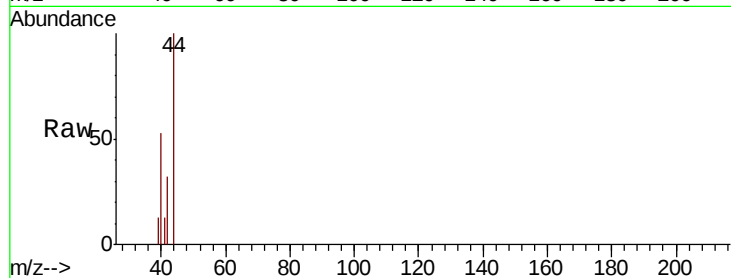
Tot Ion: 42 Resp: 720

Ion Ratio Lower Upper

42 100

72 9.4 35.9 53.9#

71 4.3 33.7 50.5#



#31

Cyclohexane

Concen: 0.32 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

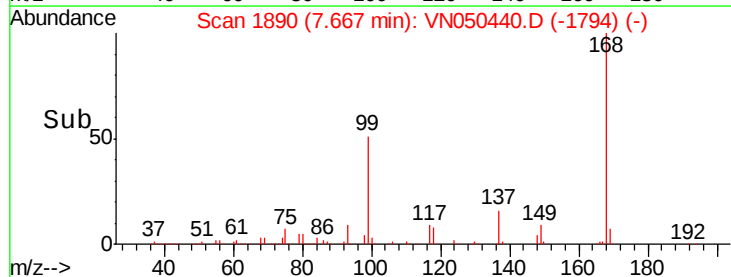
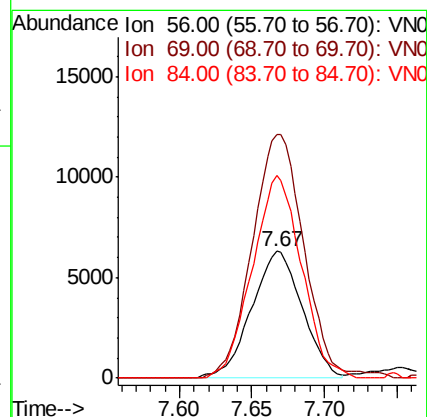
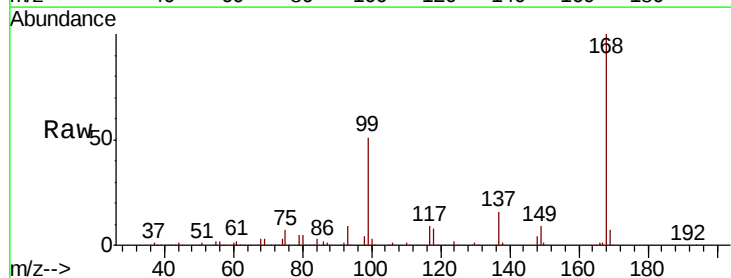
Tgt Ion: 56 Resp: 15373

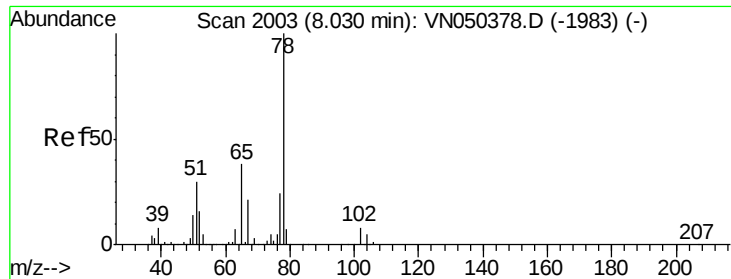
Ion Ratio Lower Upper

56 100

69 192.2 26.2 39.4#

84 159.8 67.4 101.0#

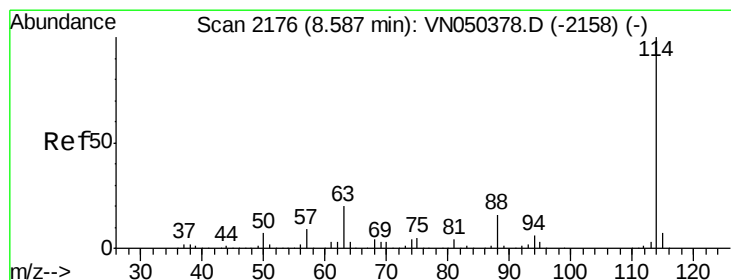
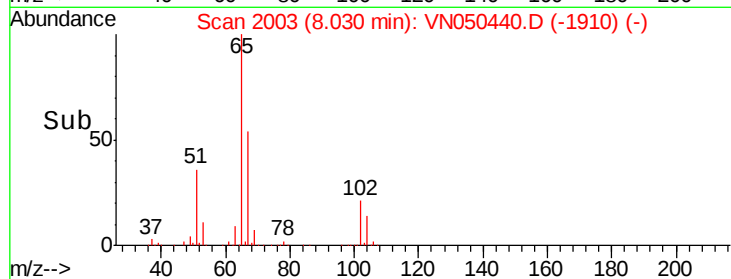
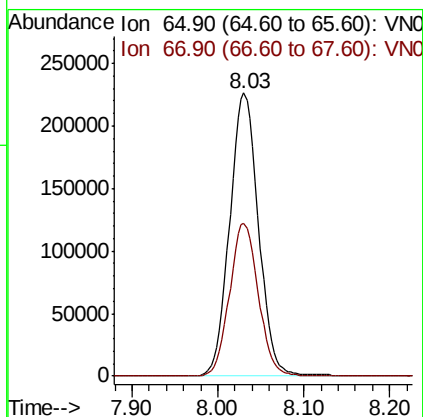
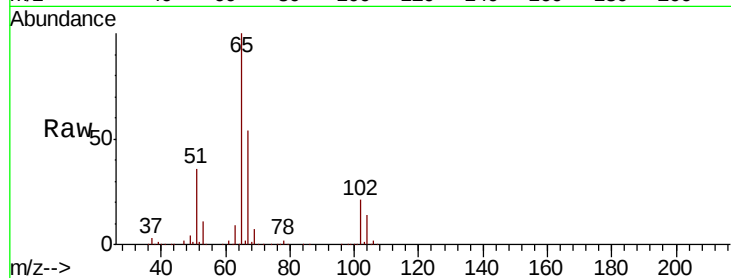




#33
 1,2-Dichloroethane-d4
 Concen: 46.30 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050440.D
 Acq: 7 Aug 2018 18:44

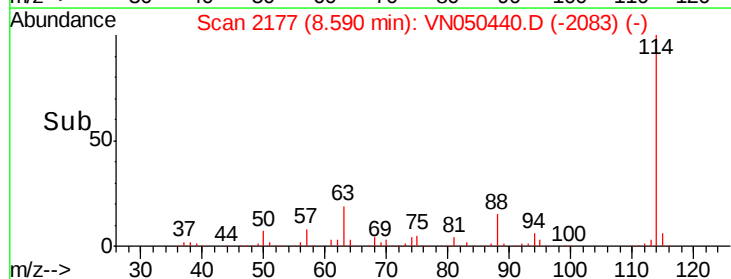
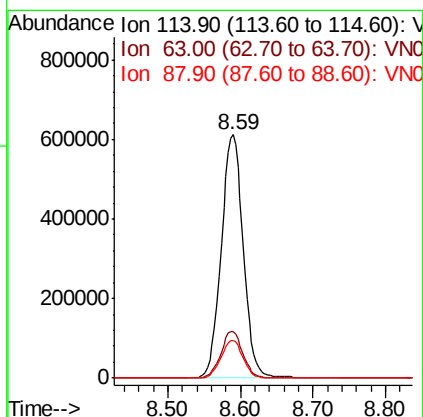
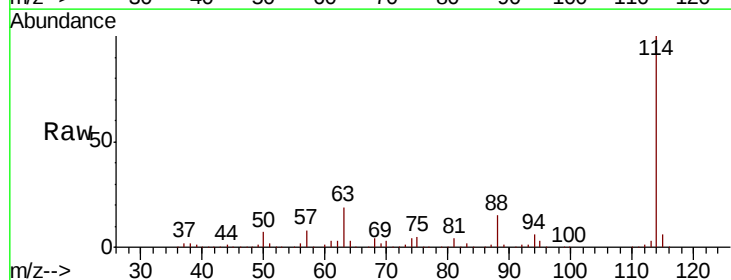
Instrument :
 MSVOA_N
 ClientSampled :
 MW-19

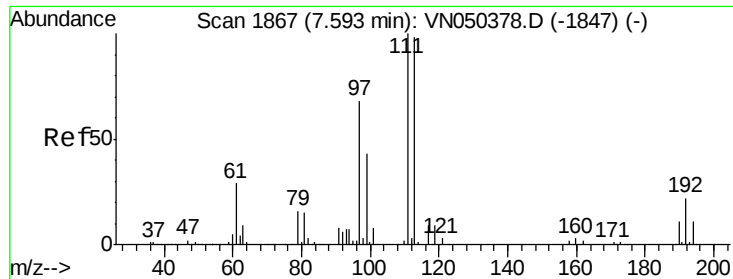
Tot Ion: 65 Resp: 527039
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050440.D
 Acq: 7 Aug 2018 18:44

Tgt Ion: 114 Resp: 1287316
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.4 0.0 31.2

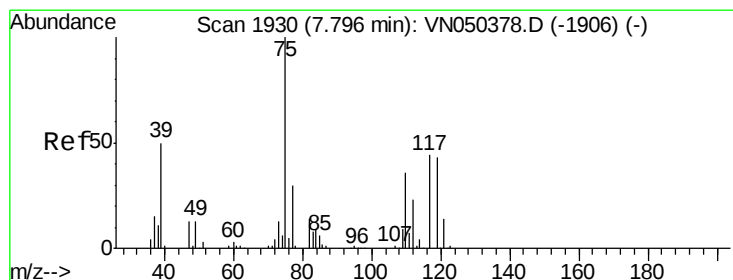
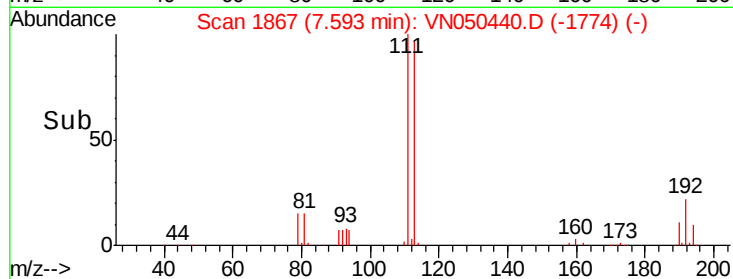
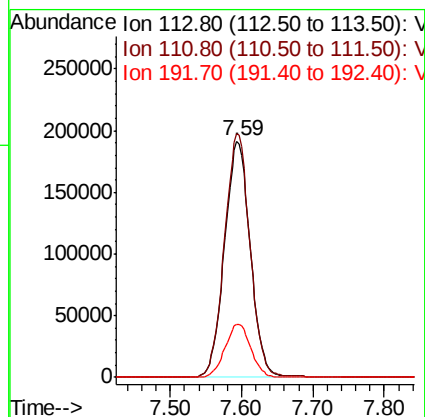
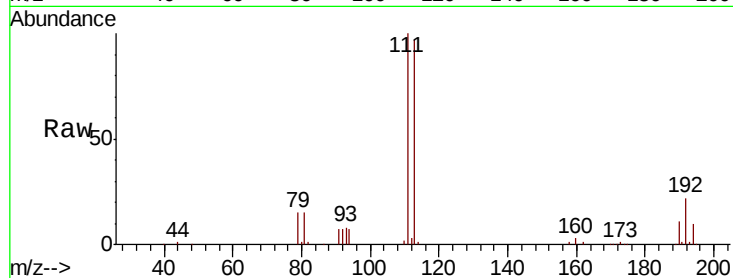




#35
 Dibromofluoromethane
 Concen: 46.62 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050440.D
 Acq: 7 Aug 2018 18:44

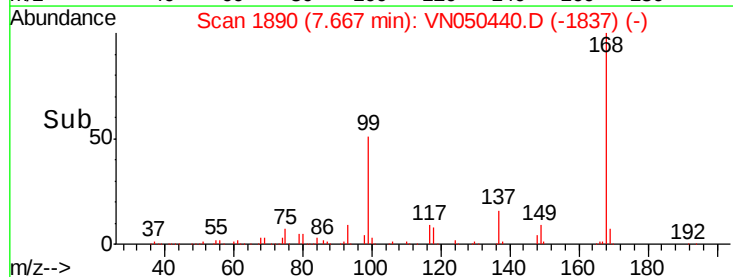
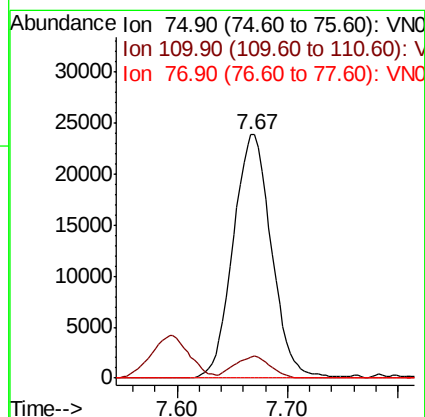
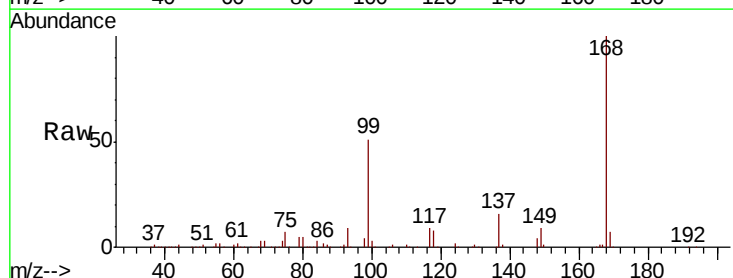
Instrument :
 MSVOA_N
 ClientSampled :
 MW-19

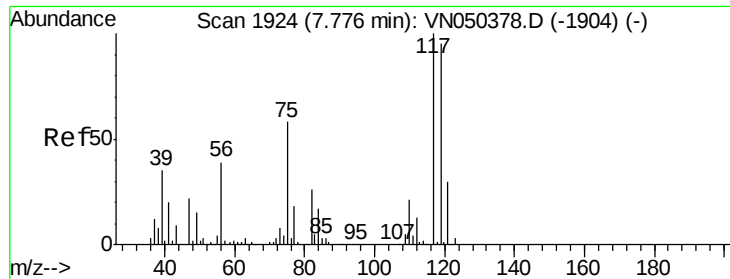
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	22.5	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 4.07 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050440.D
 Acq: 7 Aug 2018 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.4	55.2#
77	0.0	25.3	37.9#

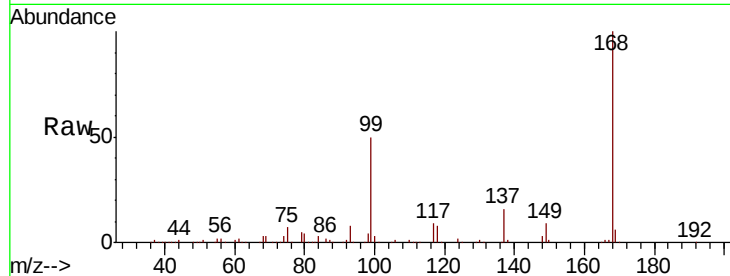




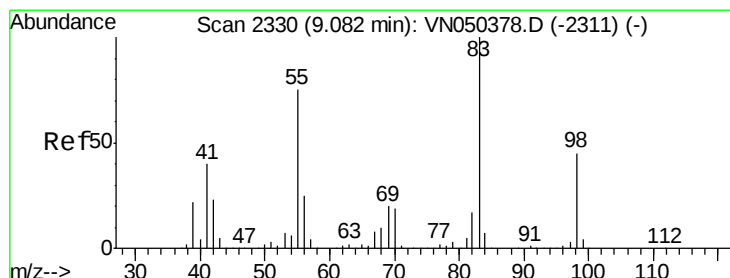
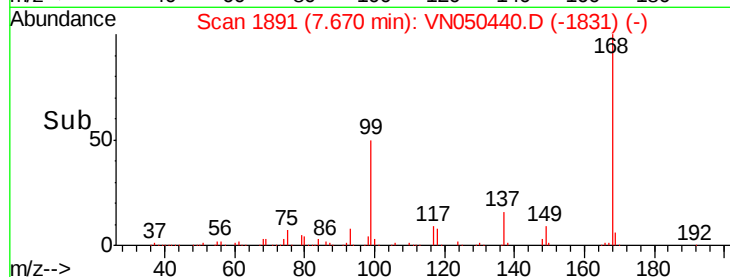
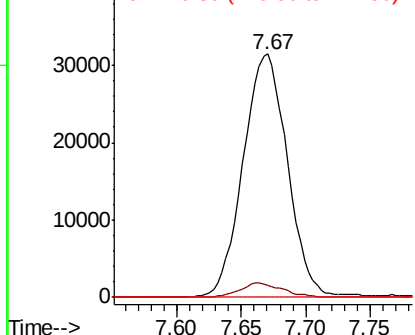
#38
Carbon Tetrachloride
Concen: 5.09 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

Instrument :
MSVOA_N
ClientSampled :
MW-19

Tot Ion:117 Resp: 75056
Ion Ratio Lower Upper
117 100
119 5.1 77.4 116.0#
121 0.0 23.9 35.9#

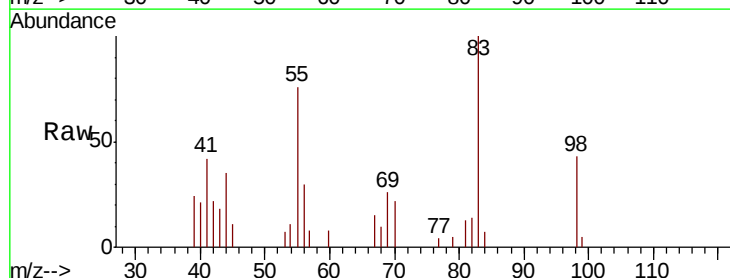


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

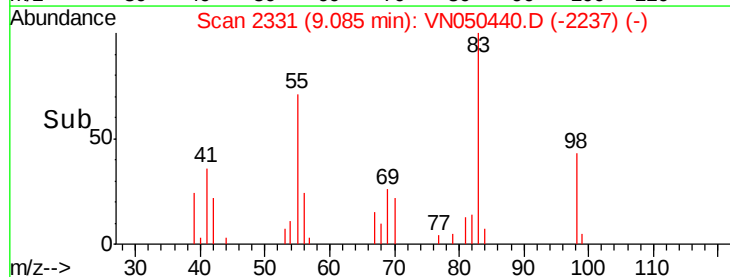
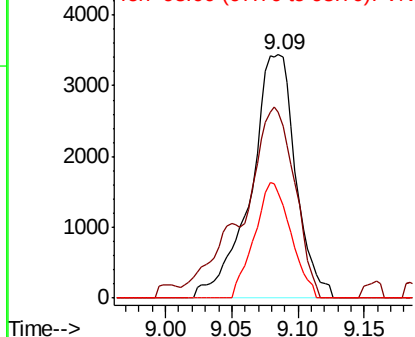


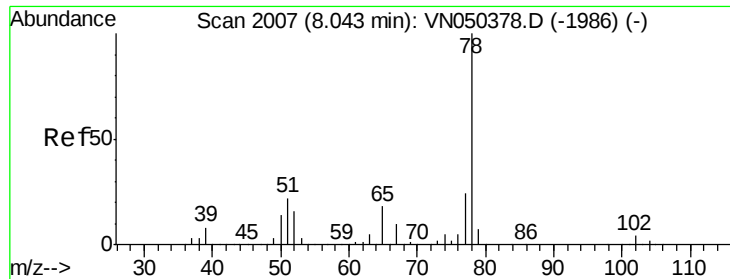
#39
Methylcyclohexane
Concen: 0.53 ug/l
RT: 9.09 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

Tgt Ion: 83 Resp: 8141
Ion Ratio Lower Upper
83 100
55 76.5 61.8 92.8
98 43.3 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 0.40 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

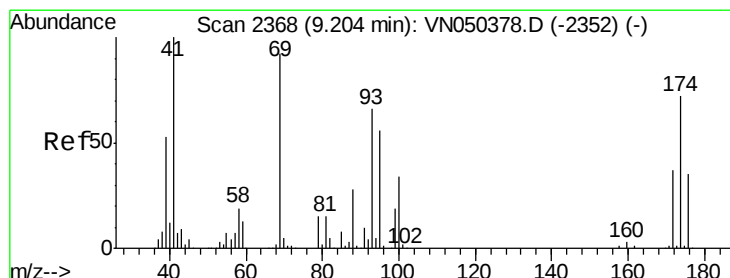
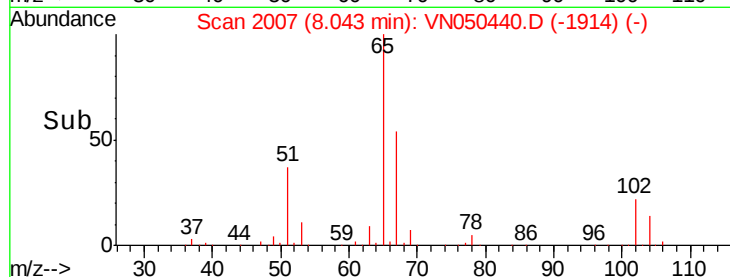
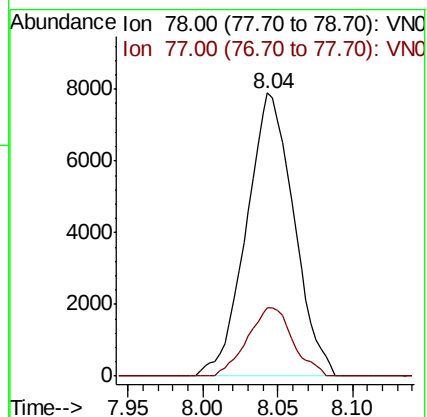
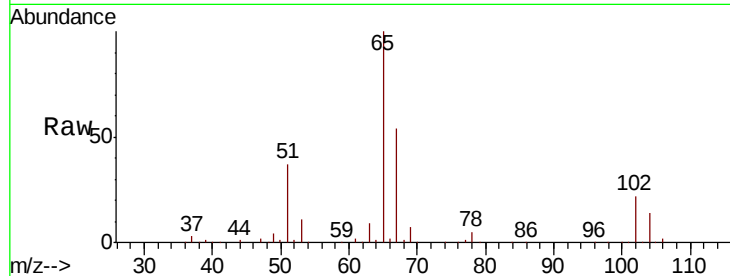
MW-19

Tot Ion: 78 Resp: 17391

Ion Ratio Lower Upper

78 100

77 24.0 18.7 28.1



#49

1,4-Dioxane

Concen: 4.84 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

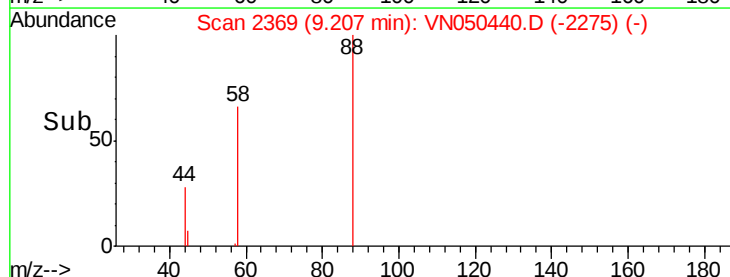
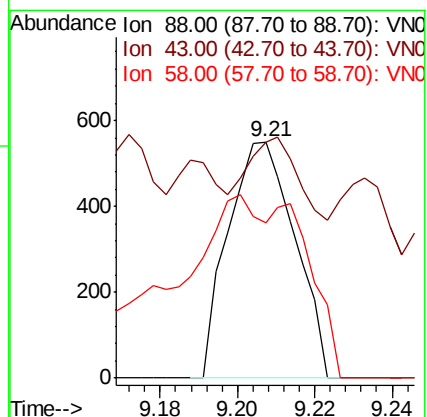
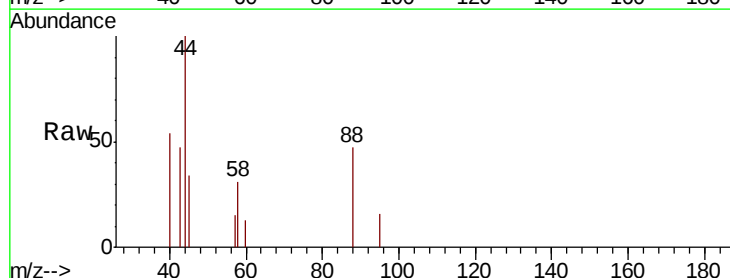
Tgt Ion: 88 Resp: 658

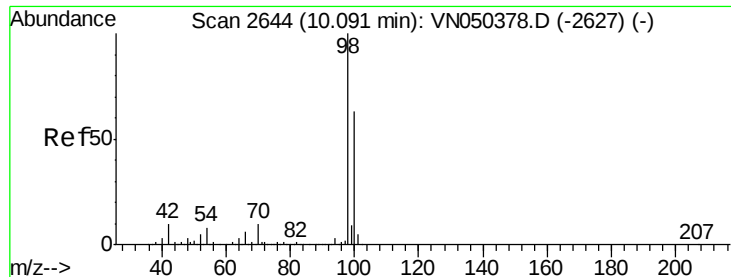
Ion Ratio Lower Upper

88 100

43 25.5 26.9 40.3#

58 110.2 57.3 85.9#

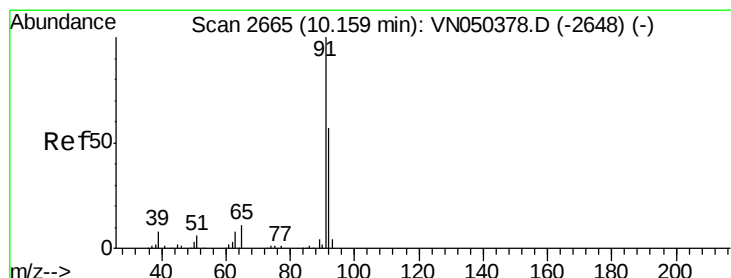
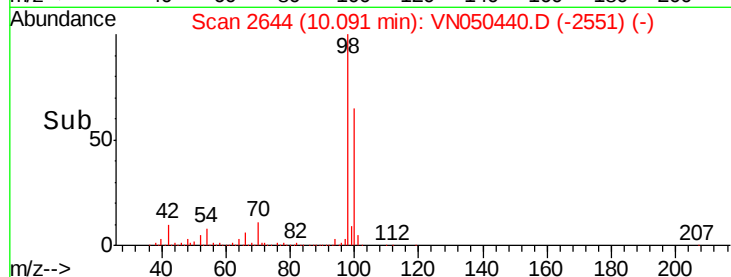
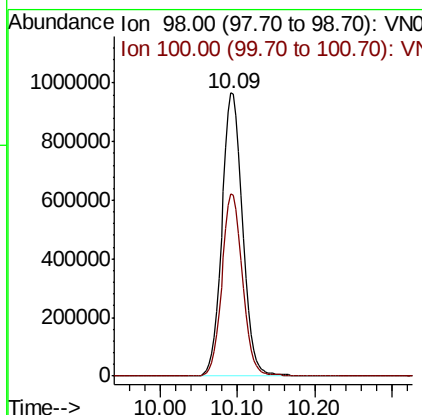
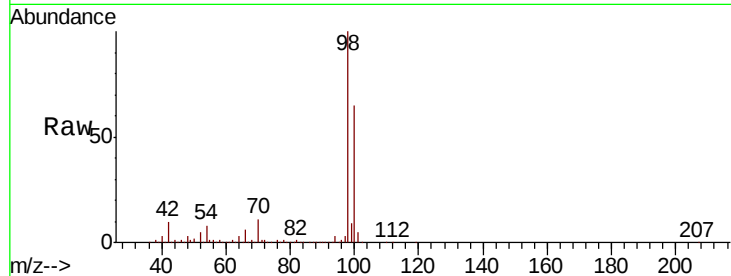




#50
Toluene-d8
Concen: 46.30 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

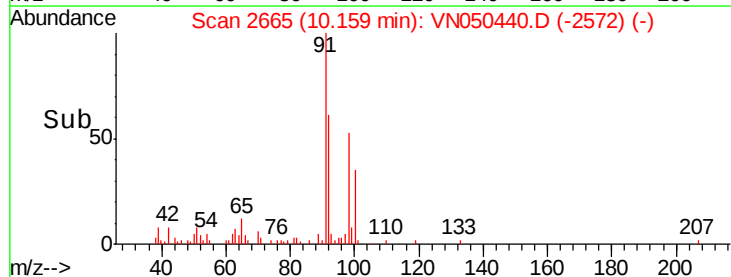
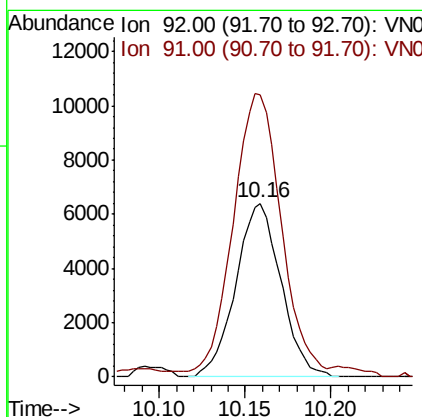
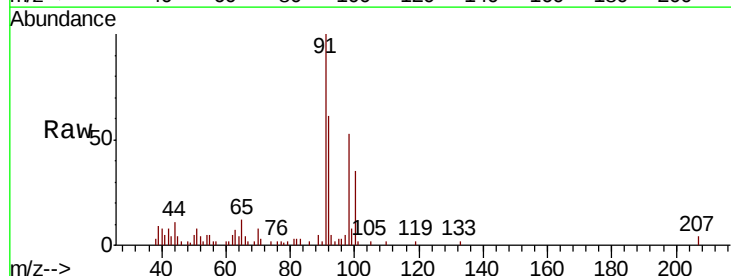
Instrument :
MSVOA_N
ClientSampled :
MW-19

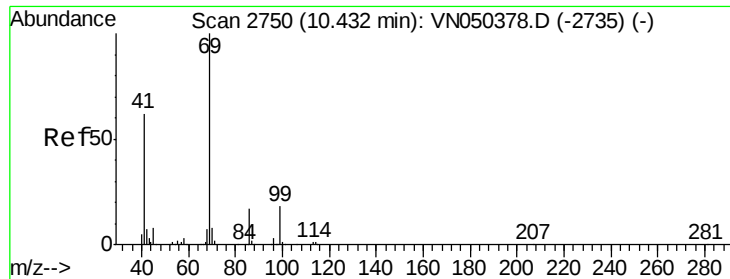
Tot Ion: 98 Resp: 1798000
Ion Ratio Lower Upper
98 100
100 64.1 50.7 76.1



#52
Toluene
Concen: 0.45 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

Tgt Ion: 92 Resp: 11654
Ion Ratio Lower Upper
92 100
91 166.6 140.3 210.5





#56

Ethyl methacrylate

Concen: 1.77 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

MW-19

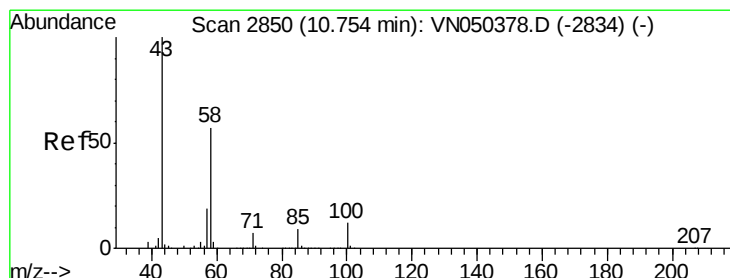
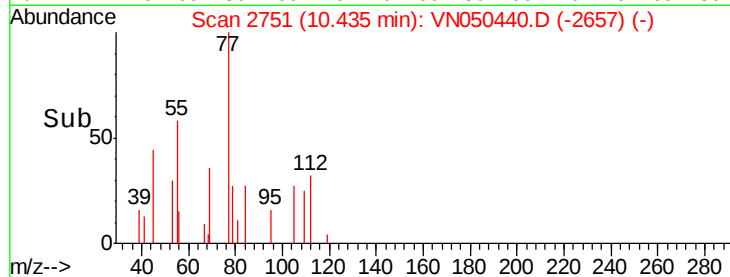
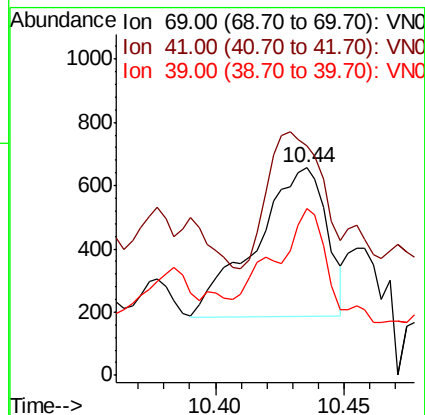
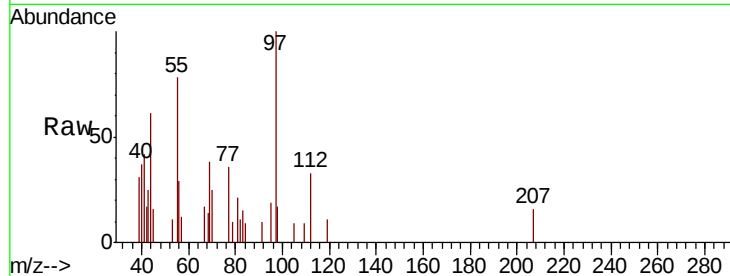
Tot Ion: 69 Resp: 896

Ion Ratio Lower Upper

69 100

41 70.4 51.0 76.4

39 72.3 26.6 40.0#



#59

2-Hexanone

Concen: 0.71 ug/l

RT: 10.61 min Scan# 2806

Delta R.T. -0.14 min

Lab File: VN050440.D

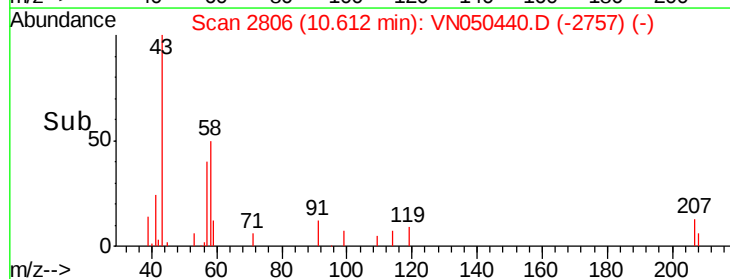
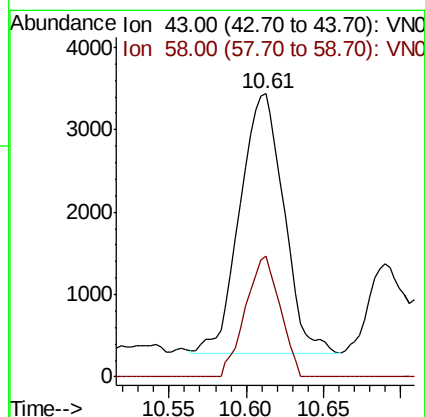
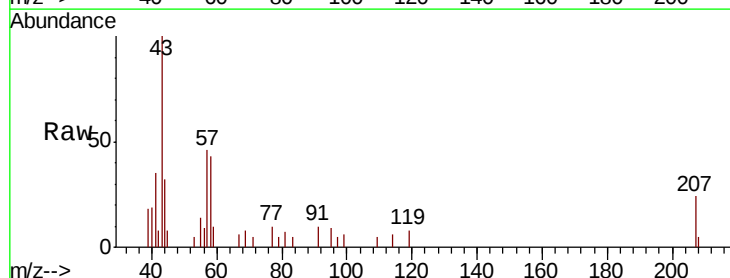
Acq: 7 Aug 2018 18:44

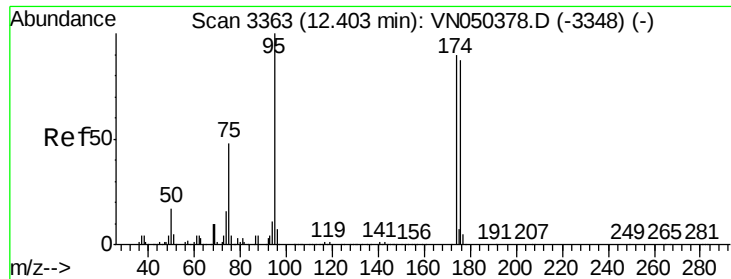
Tgt Ion: 43 Resp: 6245

Ion Ratio Lower Upper

43 100

58 36.6 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 43.89 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampleId :

MW-19

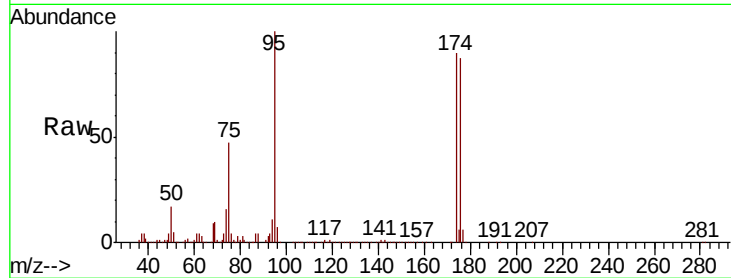
Tot Ion: 95 Resp: 580951

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.2

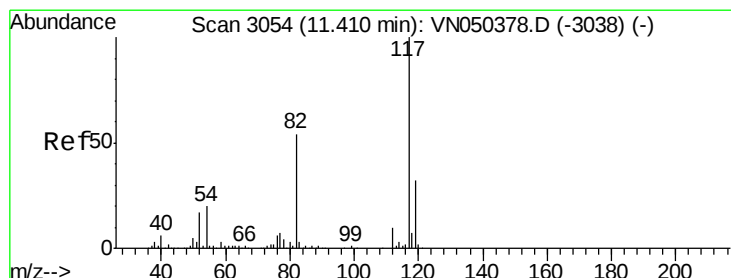
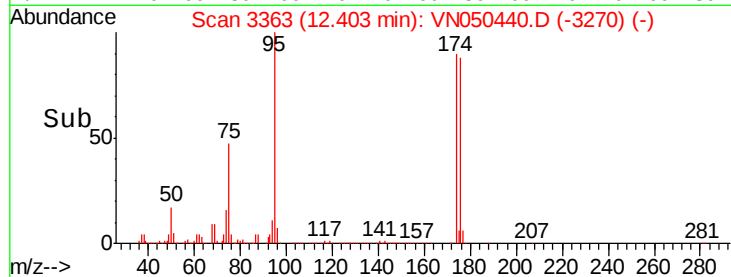
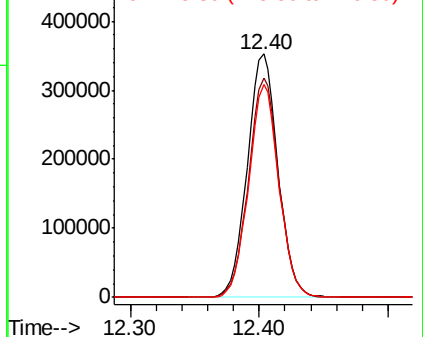
176 86.7 0.0 173.4



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: VN050440.D

Acq: 7 Aug 2018 18:44

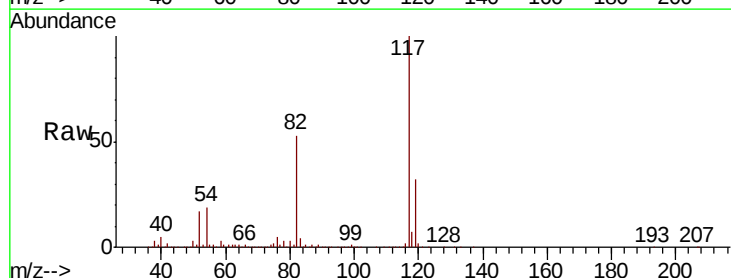
Tgt Ion: 117 Resp: 1135214

Ion Ratio Lower Upper

117 100

82 53.3 43.7 65.5

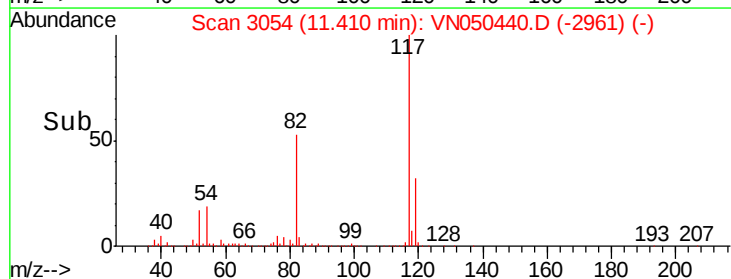
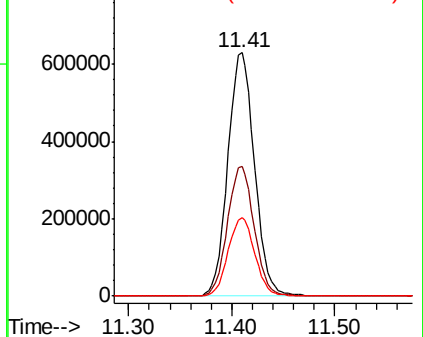
119 32.3 26.1 39.1

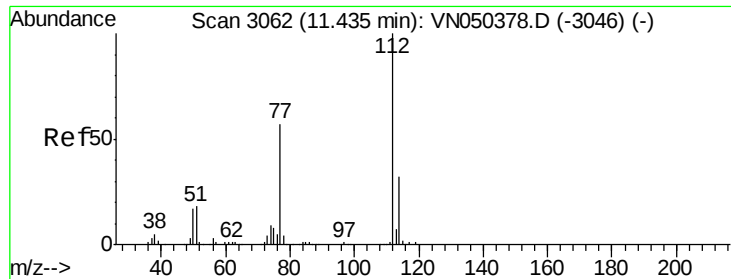


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

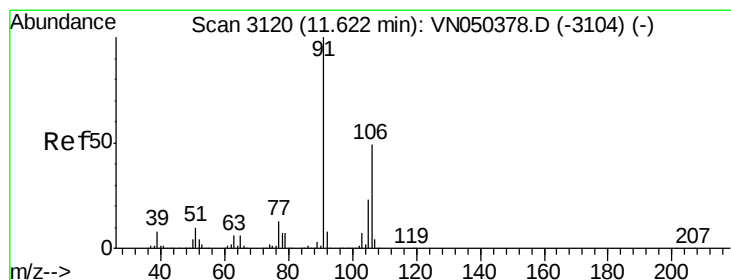
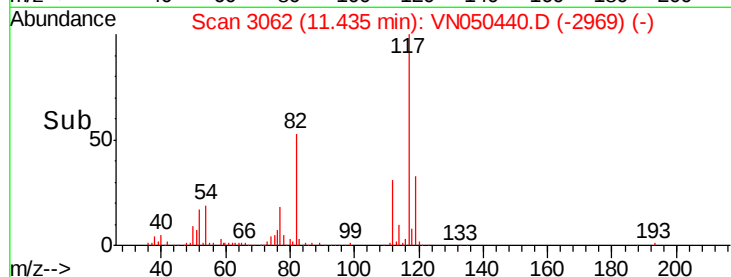
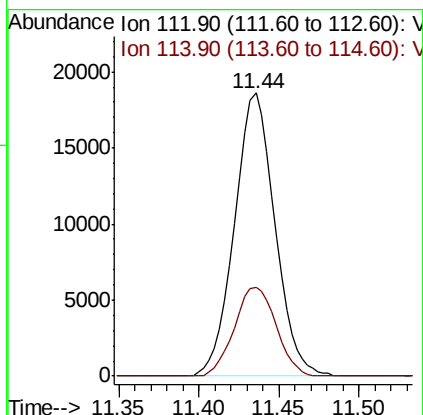
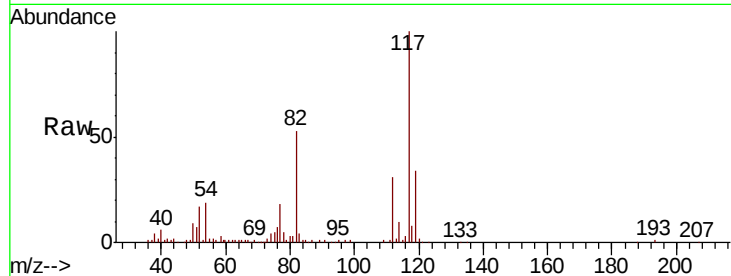




#65
Chlorobenzene
Concen: 1.12 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

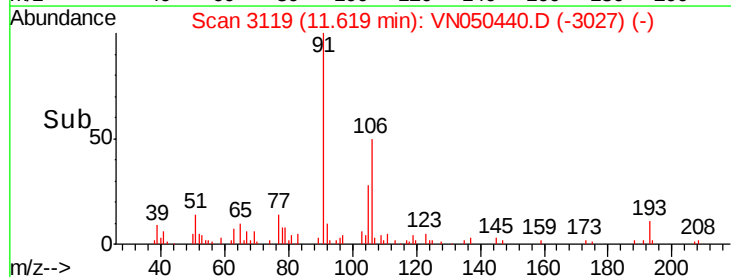
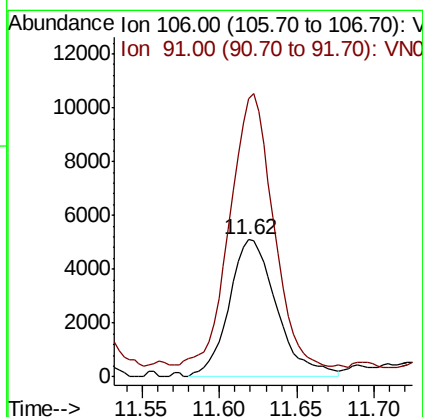
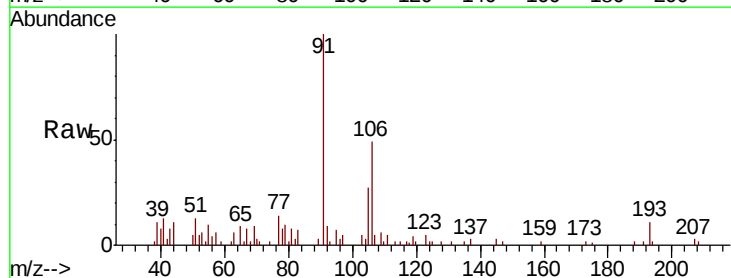
Instrument :
MSVOA_N
ClientSampled :
MW-19

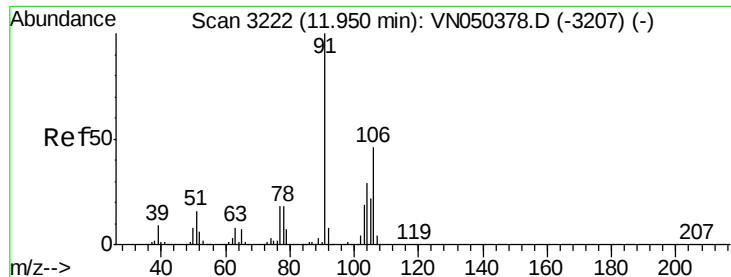
Tot Ion:112 Resp: 32011
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 0.63 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

Tgt Ion:106 Resp: 10949
Ion Ratio Lower Upper
106 100
91 179.4 162.2 243.2

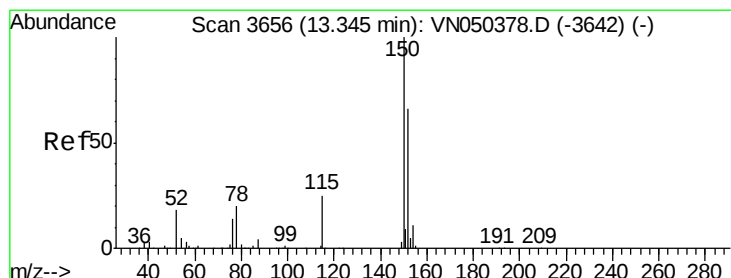
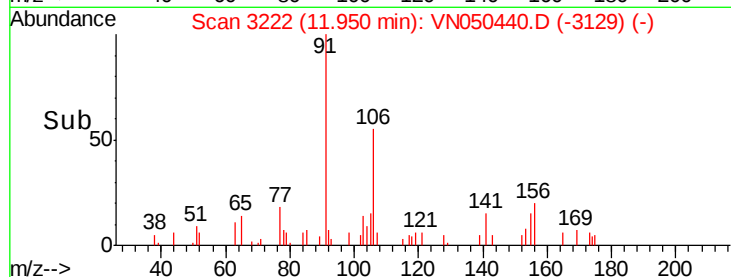
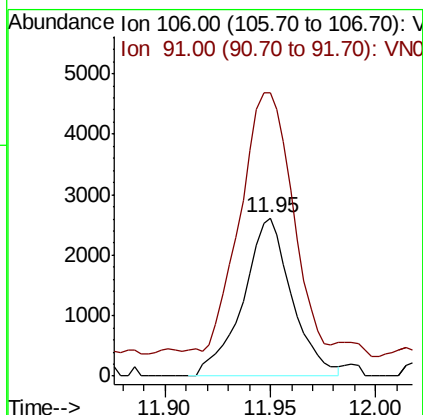
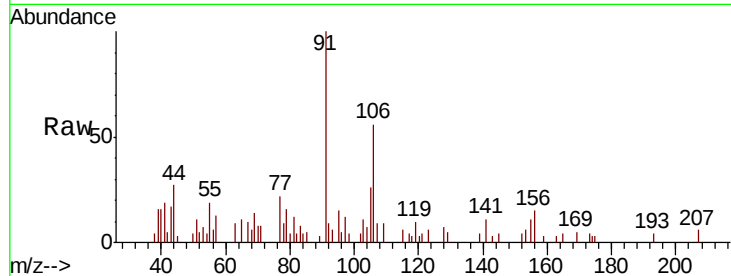




#69
o-Xylene
Concen: 0.25 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

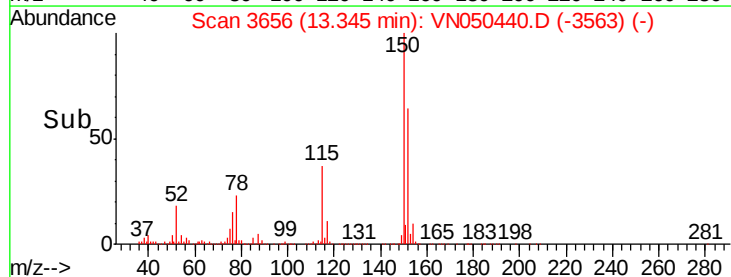
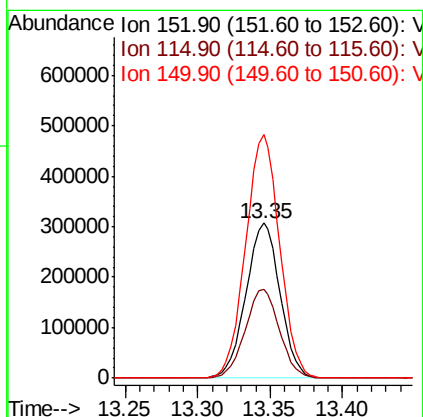
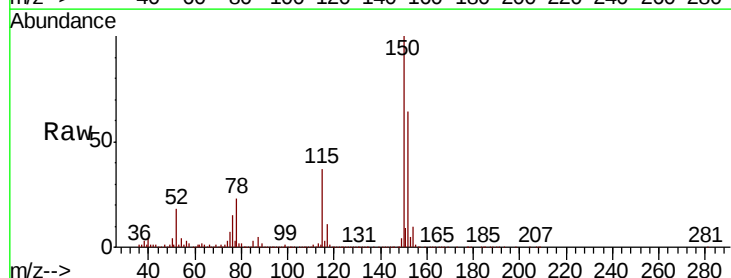
Instrument :
MSVOA_N
ClientSampled :
MW-19

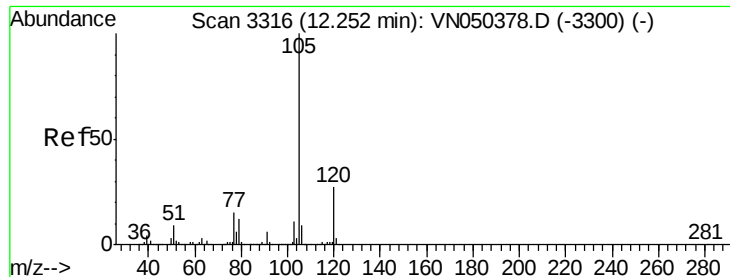
Tot Ion:106 Resp: 4205
Ion Ratio Lower Upper
106 100
91 171.8 107.7 323.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

Tgt Ion:152 Resp: 501868
Ion Ratio Lower Upper
152 100
115 57.3 27.8 83.3
150 157.2 0.0 348.6





#73

Isopropylbenzene

Concen: 0.33 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampleId :

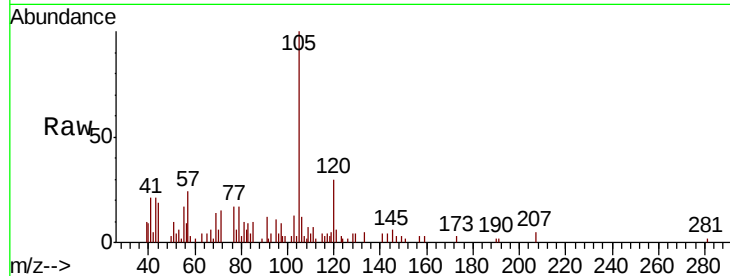
MW-19

Tot Ion:105 Resp: 12437

Ion Ratio Lower Upper

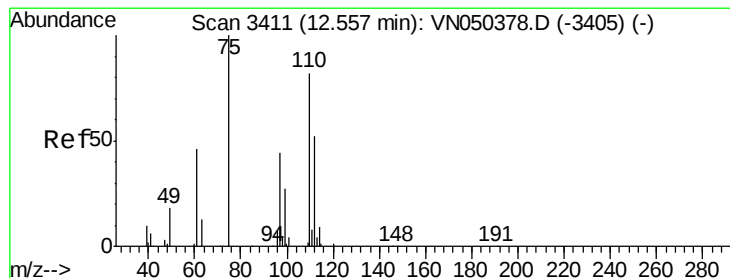
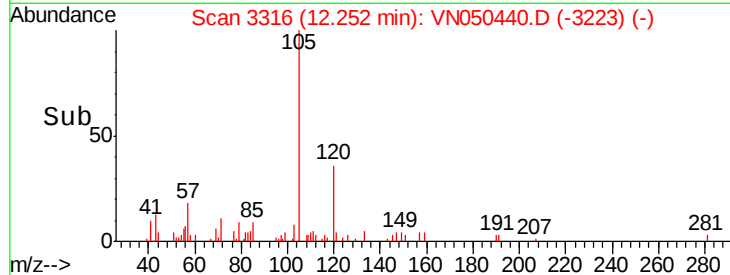
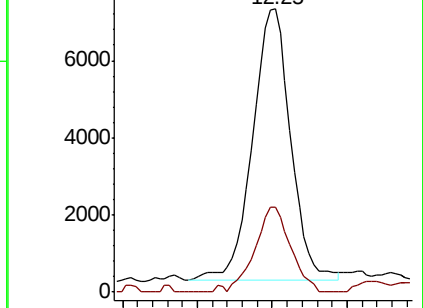
105 100

120 29.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 30.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050440.D

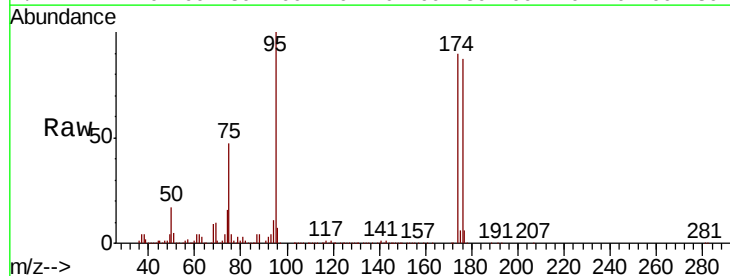
Acq: 7 Aug 2018 18:44

Tgt Ion: 75 Resp: 274587

Ion Ratio Lower Upper

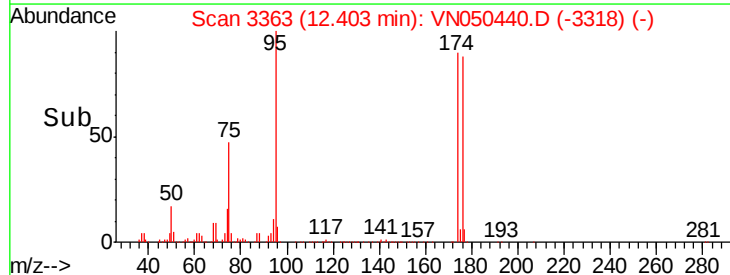
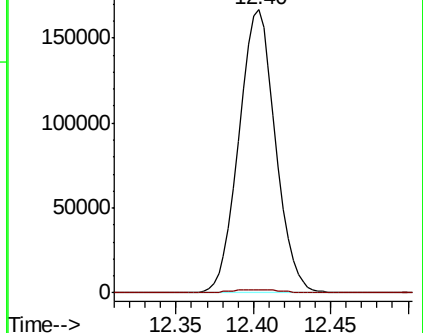
75 100

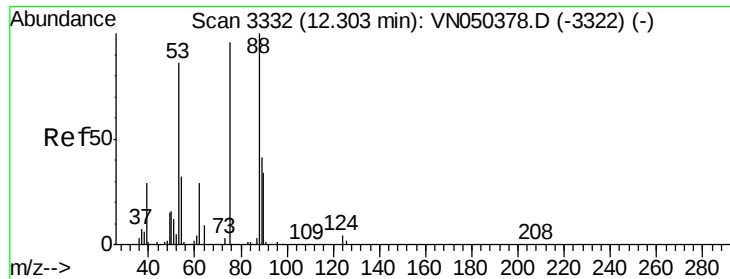
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 106.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

MW-19

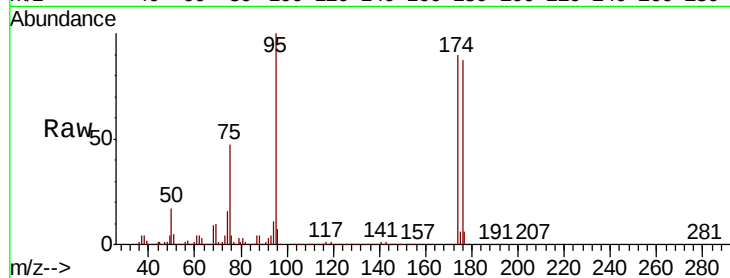
Tot Ion: 75 Resp: 274587

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

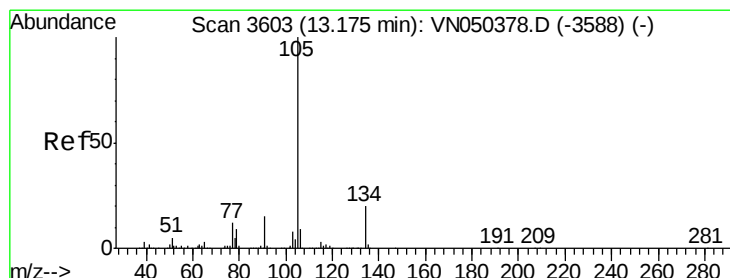
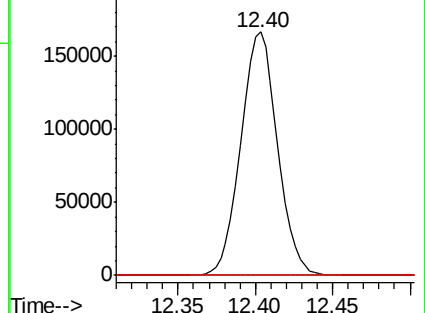
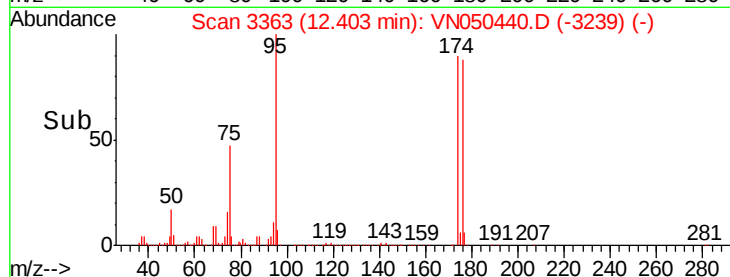
89 0.0 36.0 54.0#



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



#85

sec-Butylbenzene

Concen: 0.47 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050440.D

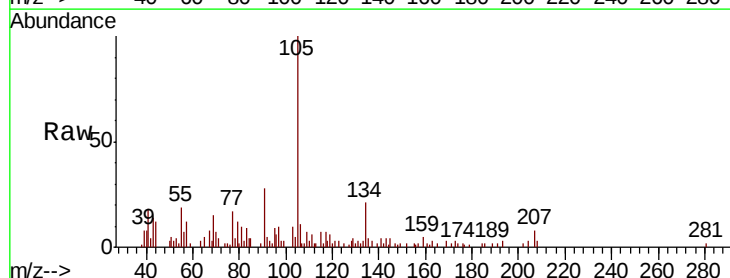
Acq: 7 Aug 2018 18:44

Tgt Ion: 105 Resp: 16618

Ion Ratio Lower Upper

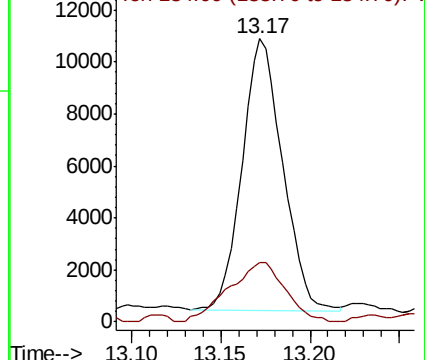
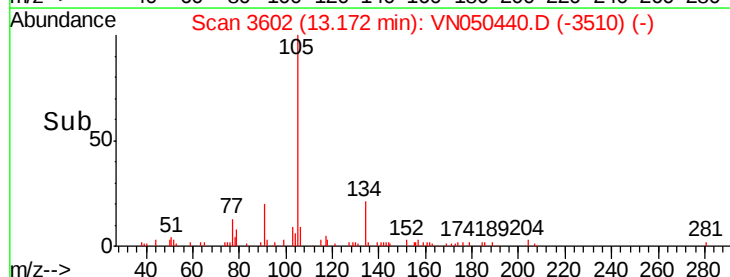
105 100

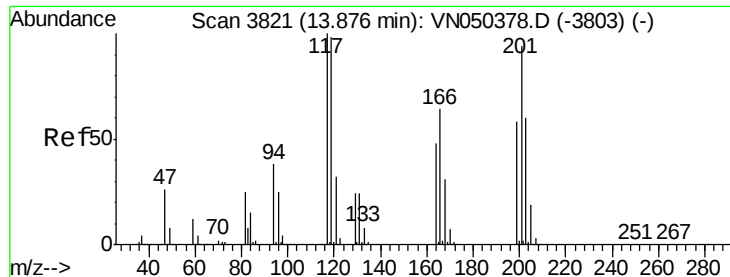
134 30.5 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.63 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

Instrument :

MSVOA_N

ClientSampled :

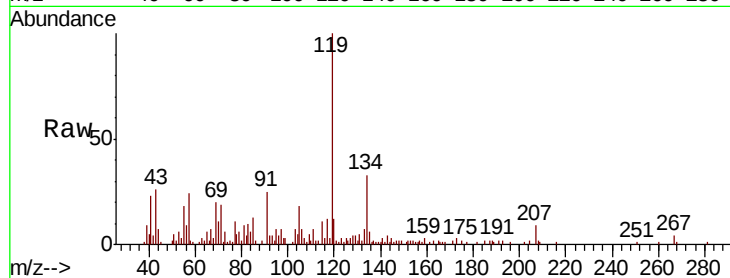
MW-19

Tot Ion:117 Resp: 3415

Ion Ratio Lower Upper

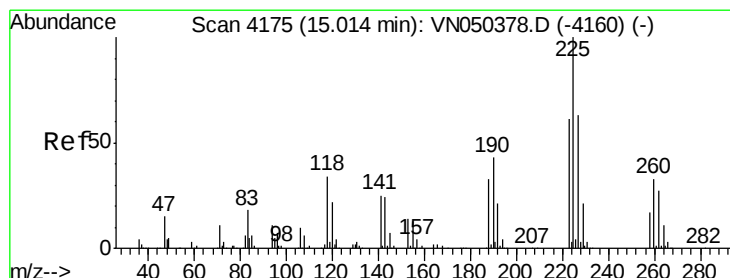
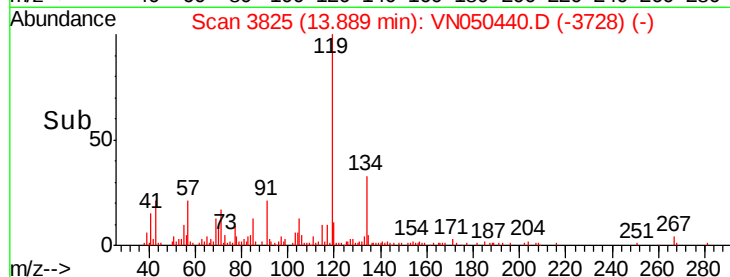
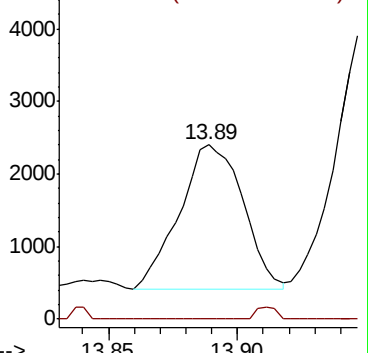
117 100

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



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4173

Delta R.T. -0.01 min

Lab File: VN050440.D

Acq: 7 Aug 2018 18:44

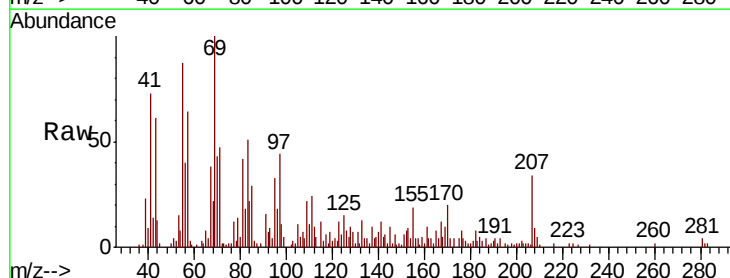
Tgt Ion:225 Resp: 272

Ion Ratio Lower Upper

225 100

223 81.6 31.4 94.2

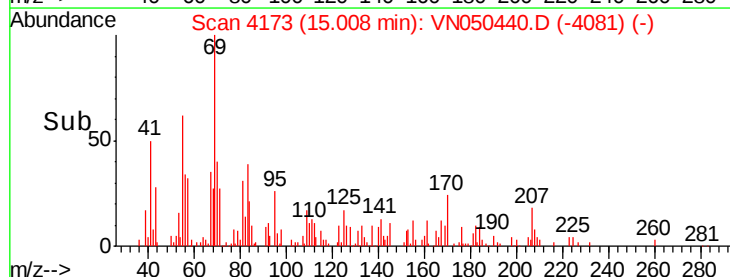
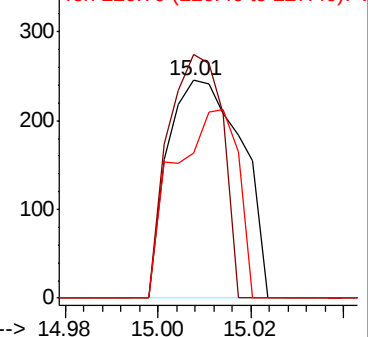
227 74.6 32.1 96.5

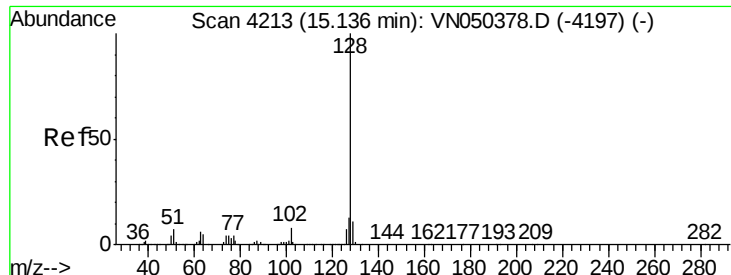


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 3.80 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050440.D
Acq: 7 Aug 2018 18:44

Instrument :
MSVOA_N
ClientSampleId :
MW-19

Tot Ion	Ratio	Lower	Upper
128	100		
127	28.0	10.4	15.6#
129	5.6	8.8	13.2#

