

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050468.D
 Acq On : 8 Aug 2018 18:57
 Operator : MD\SY
 Sample : J4380-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-37

Quant Time: Aug 09 00:58:50 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	806596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1248072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1053237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	438254	50.00	ug/l	0.00

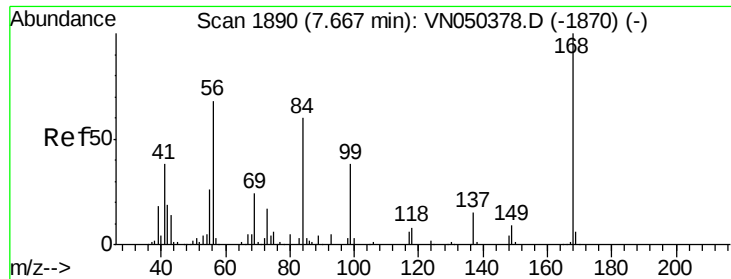
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	507941	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	7.59	113	468062	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	10.09	98	1700421	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
62) 4-Bromofluorobenzene	12.40	95	498866	38.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.74%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	5066	Below Cal		92
5) Bromomethane	2.57	94	3961	0.87 ug/l		82
6) Chloroethane	2.70	64	2911	0.41 ug/l #		86
8) Diethyl Ether	3.42	74	2365	0.43 ug/l		88
10) Methyl Iodide	3.95	142	1057	0.26 ug/l #		90
11) Tert butyl alcohol	4.80	59	1853	2.14 ug/l #		72
13) Acrolein	3.57	56	140	15.15 ug/l #		1
16) Acetone	3.82	43	22151	6.54 ug/l		93
18) Methyl Acetate	4.34	43	5862	0.51 ug/l		93
19) Methyl tert-butyl Ether	5.05	73	59148	2.39 ug/l		99
20) Methylene Chloride	4.55	84	2321	Below Cal #		85
22) Diisopropyl ether	5.95	45	18217	0.64 ug/l		98
23) Vinyl Acetate	5.95	43	20985	1.03 ug/l #		71
31) Cyclohexane	7.67	56	24916	1.00 ug/l #		22
36) 1,1-Dichloropropene	7.67	75	54455	3.97 ug/l #		49
38) Carbon Tetrachloride	7.67	117	71412	4.99 ug/l #		16
39) Methylcyclohexane	9.08	83	3684	0.25 ug/l #		90
40) Benzene	8.04	78	17355	0.41 ug/l		100
43) Isopropyl Acetate	8.26	43	57880	3.40 ug/l #		61
56) Ethyl methacrylate	10.43	69	519	1.75 ug/l #		1
65) Chlorobenzene	11.43	112	21849	0.83 ug/l		100
71) Bromoform	12.40	173	3988	0.57 ug/l #		1
76) 1,2,3-Trichloropropane	12.40	75	239520	30.19 ug/l #		100
80) 1,3,5-Trimethylbenzene	12.89	105	9105	0.34 ug/l		73
81) trans-1,4-Dichloro-2-buten	12.40	75	239520	106.09 ug/l #		13
84) 1,2,4-Trimethylbenzene	12.89	105	9105	0.34 ug/l		76
90) Hexachloroethane	13.89	117	2291	0.48 ug/l #		4
95) Naphthalene	15.14	128	2192	3.72 ug/l #		88

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

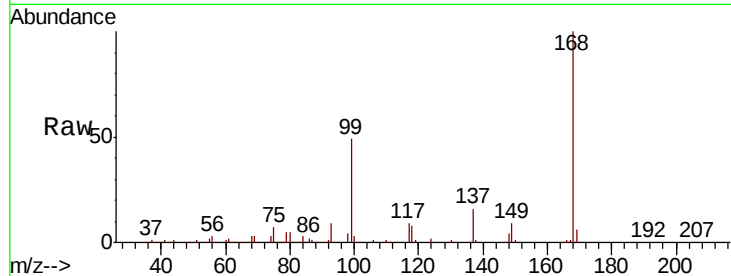
MW-37

Tot Ion:168 Resp: 806596

Ion Ratio Lower Upper

168 100

99 49.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

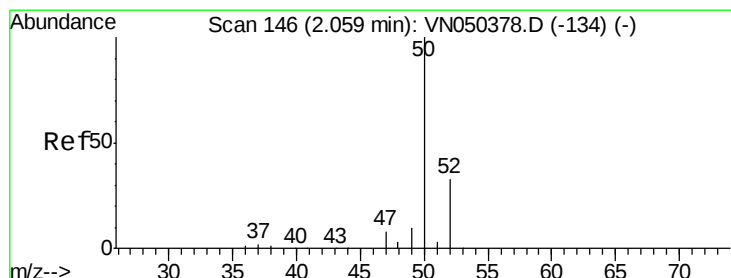
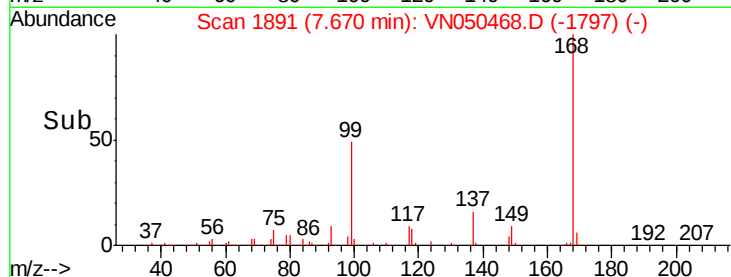
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050468.D

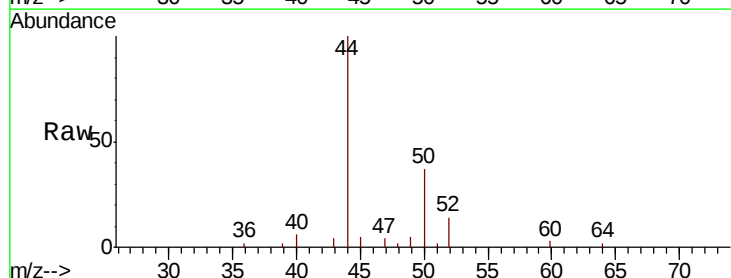
Acq: 8 Aug 2018 18:57

Tgt Ion: 50 Resp: 5066

Ion Ratio Lower Upper

50 100

52 37.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN050378.D (-134) (-)

Ion 51.90 (51.60 to 52.60): VN050378.D (-134) (-)

2.06

4000

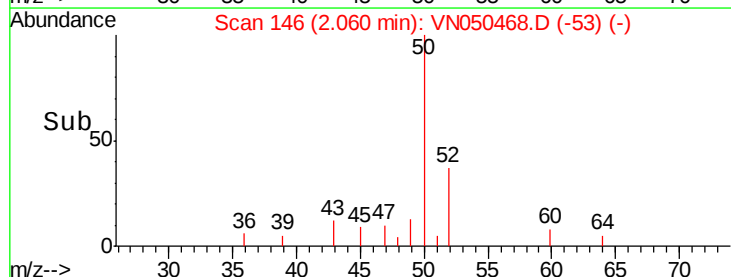
3000

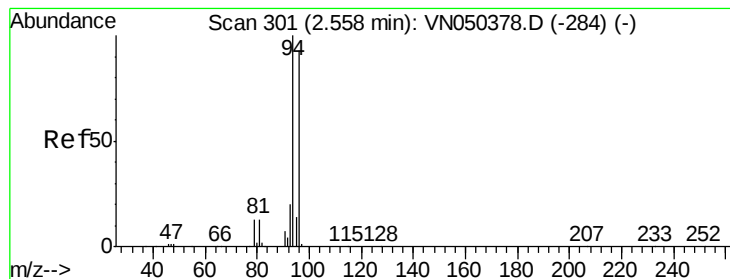
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.87 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

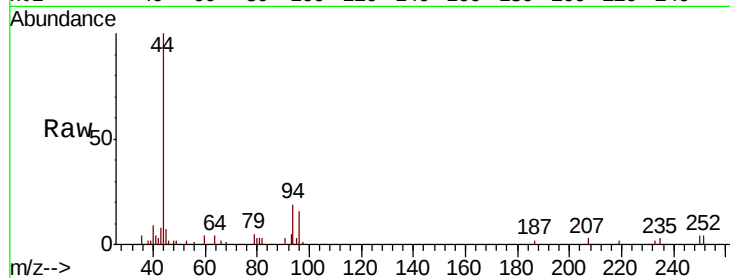
MW-37

Tot Ion: 94 Resp: 3961

Ion Ratio Lower Upper

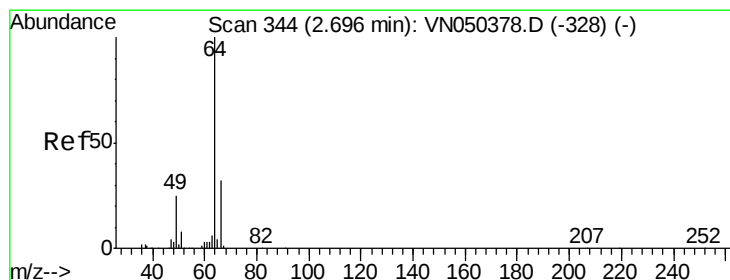
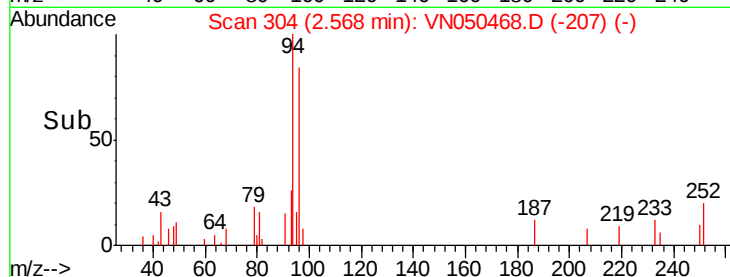
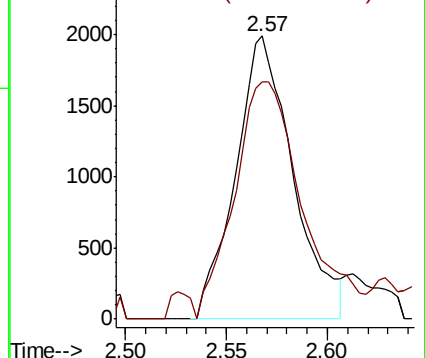
94 100

96 76.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.41 ug/l

RT: 2.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VN050468.D

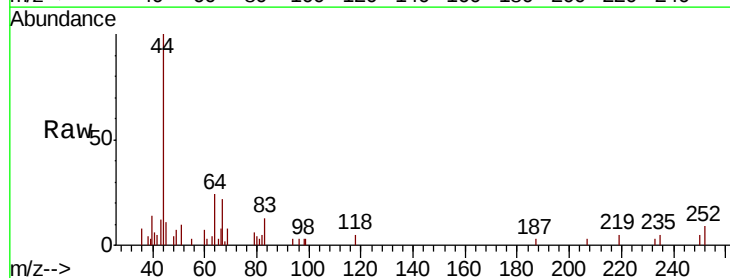
Acq: 8 Aug 2018 18:57

Tgt Ion: 64 Resp: 2911

Ion Ratio Lower Upper

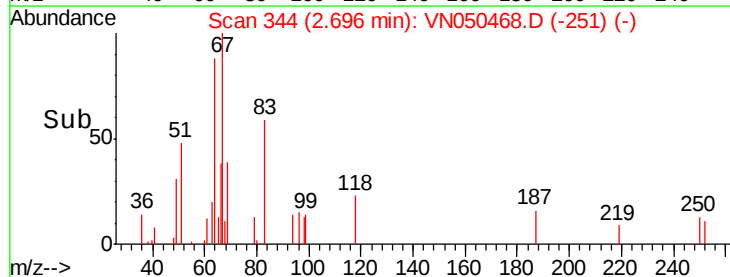
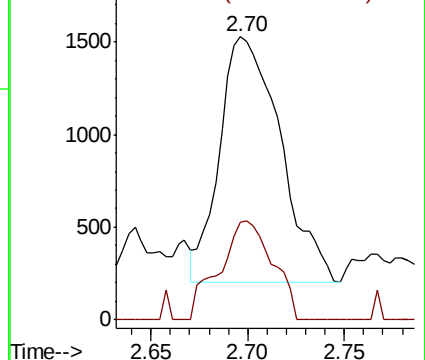
64 100

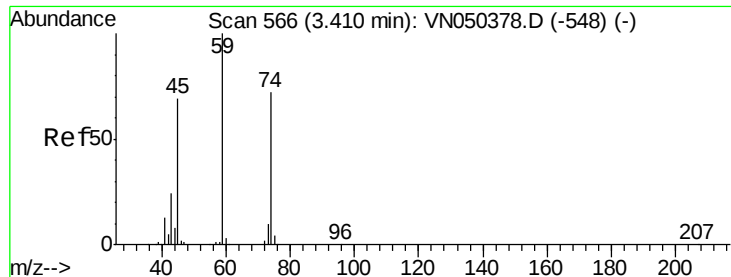
66 39.6 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#8

Diethyl Ether

Concen: 0.43 ug/l

RT: 3.42 min Scan# 569

Delta R.T. 0.01 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampled :

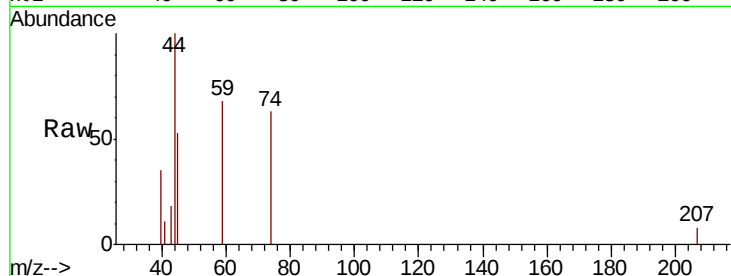
MW-37

Tot Ion: 74 Resp: 2365

Ion Ratio Lower Upper

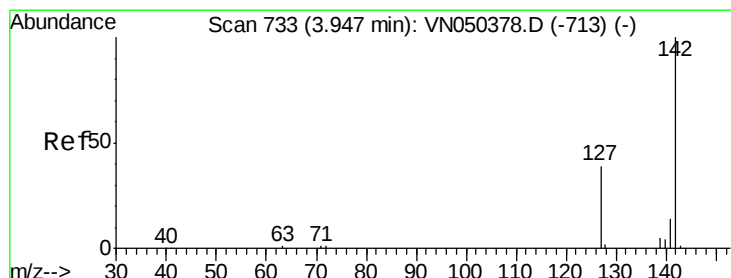
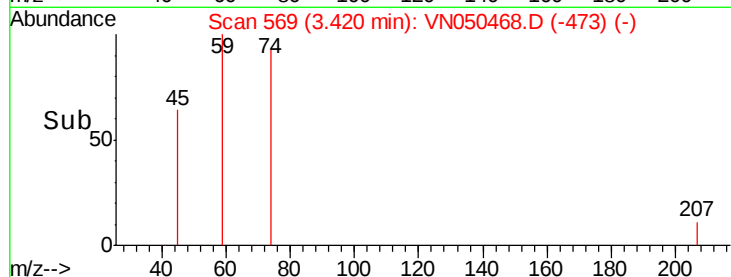
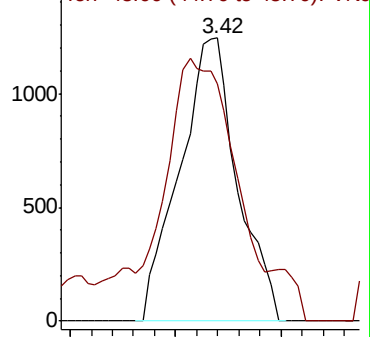
74 100

45 83.3 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#10

Methyl Iodide

Concen: 0.26 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.01 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

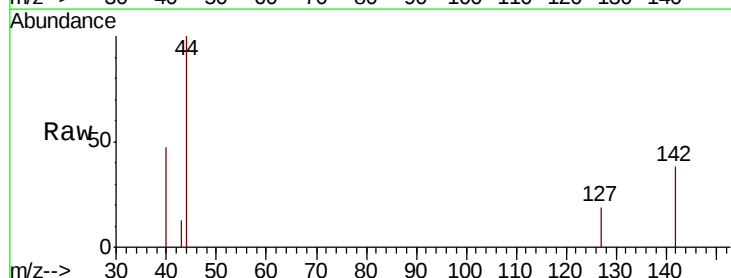
Tgt Ion: 142 Resp: 1057

Ion Ratio Lower Upper

142 100

127 42.6 33.4 50.2

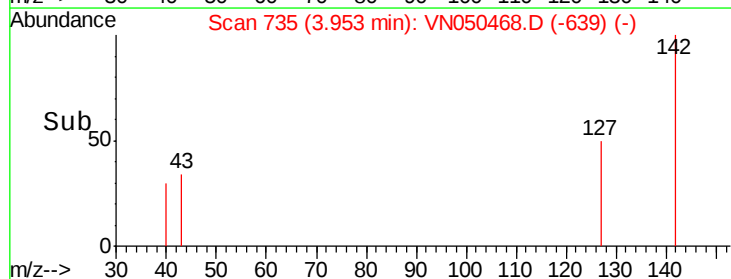
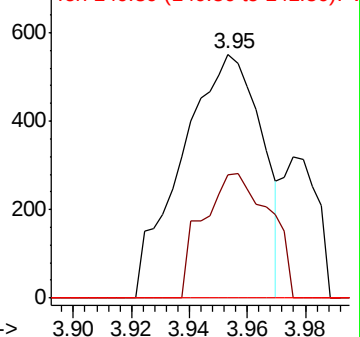
141 0.0 11.6 17.4#

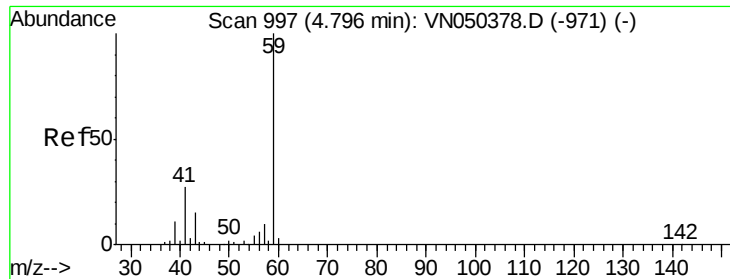


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

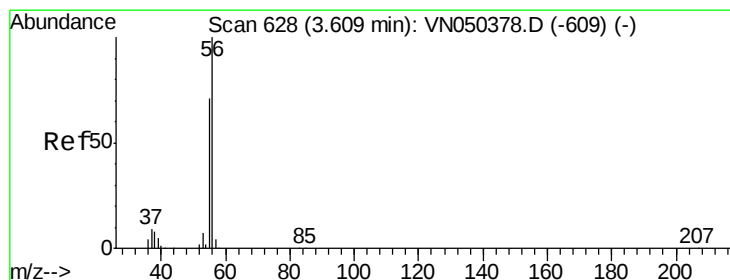
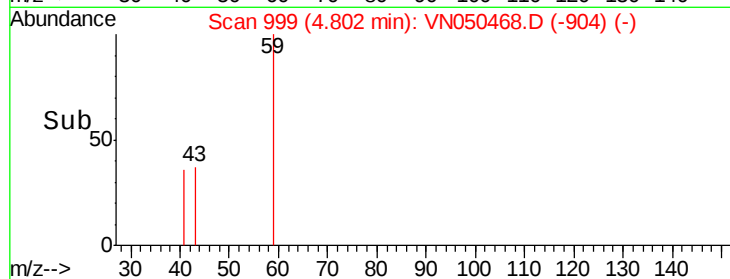
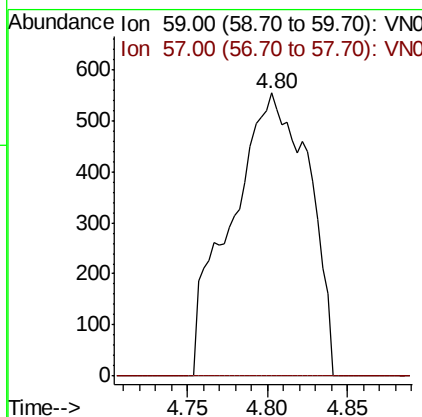
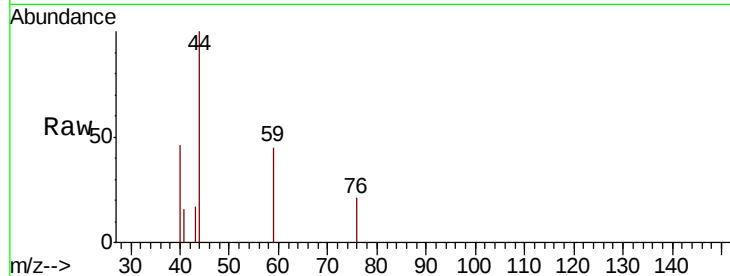




#11
Tert butyl alcohol
Concen: 2.14 ug/l
RT: 4.80 min Scan# 999
Delta R.T. 0.01 min
Lab File: VN050468.D
Acq: 8 Aug 2018 18:57

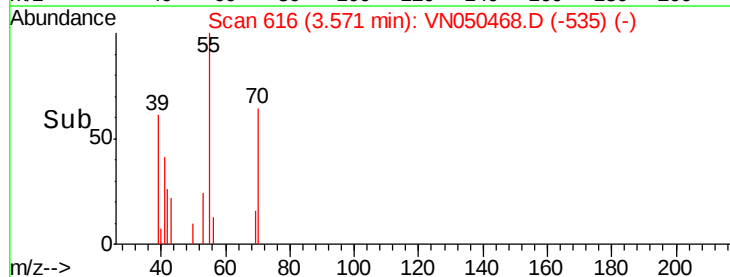
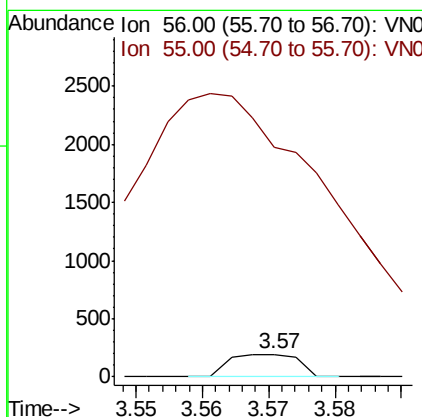
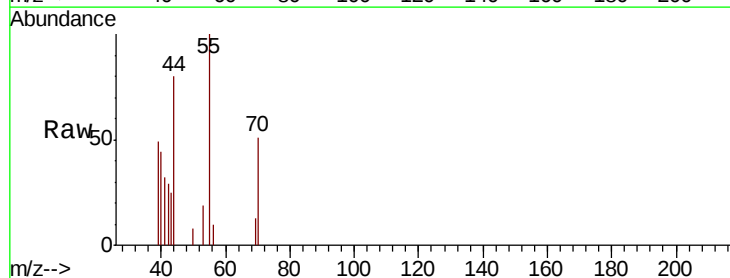
Instrument :
MSVOA_N
ClientSampled :
MW-37

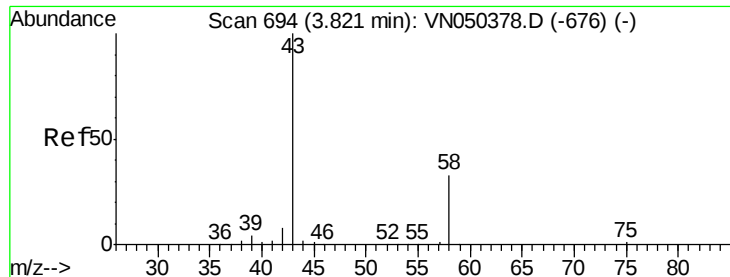
Tot Ion: 59 Resp: 1853
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 15.15 ug/l
RT: 3.57 min Scan# 616
Delta R.T. -0.04 min
Lab File: VN050468.D
Acq: 8 Aug 2018 18:57

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 4319.3 55.8 83.6#





#16

Acetone

Concen: 6.54 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampled :

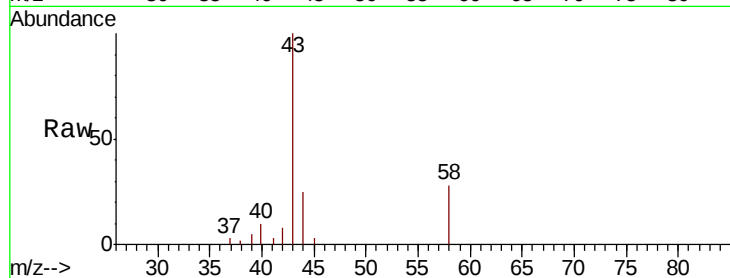
MW-37

Tot Ion: 43 Resp: 22151

Ion Ratio Lower Upper

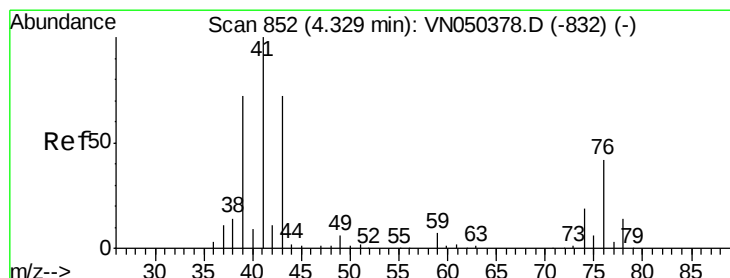
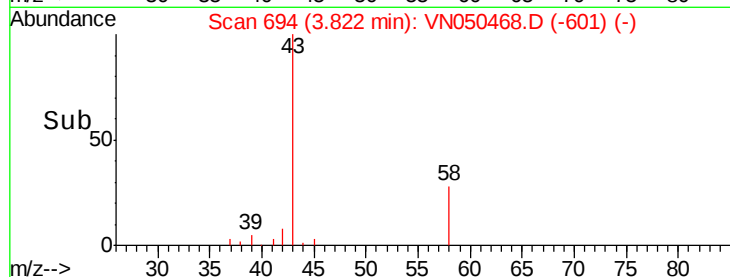
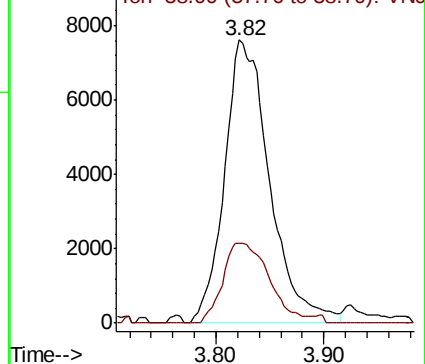
43 100

58 28.1 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: 0.51 ug/l

RT: 4.34 min Scan# 856

Delta R.T. 0.01 min

Lab File: VN050468.D

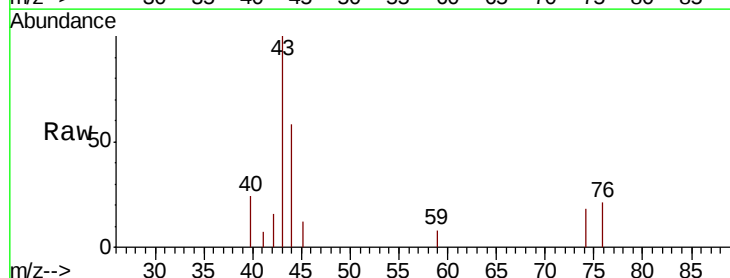
Acq: 8 Aug 2018 18:57

Tgt Ion: 43 Resp: 5862

Ion Ratio Lower Upper

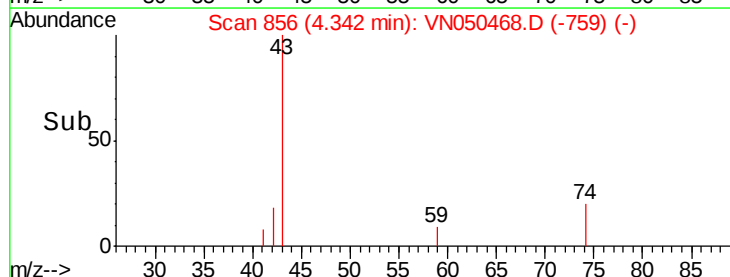
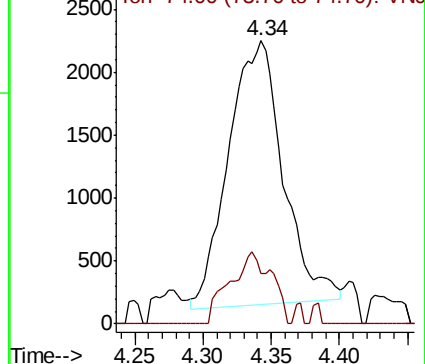
43 100

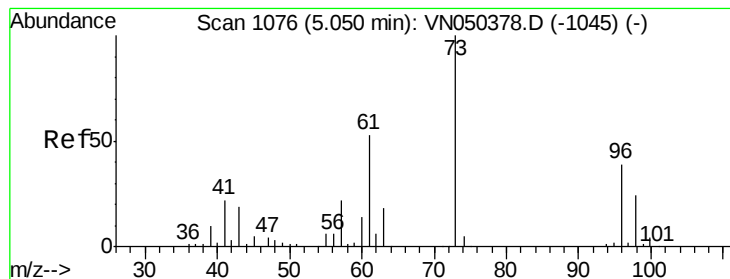
74 20.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



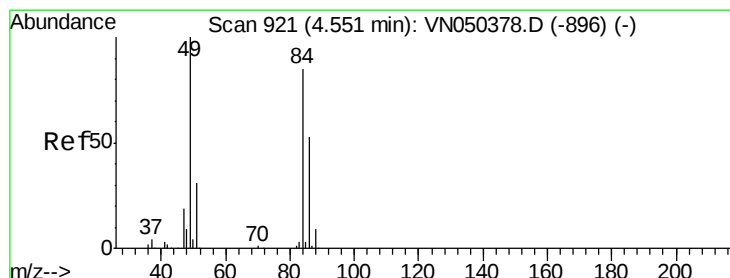
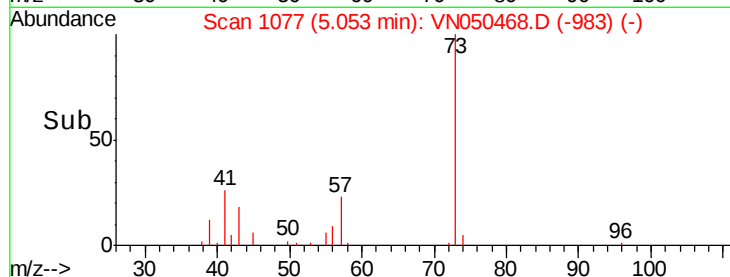
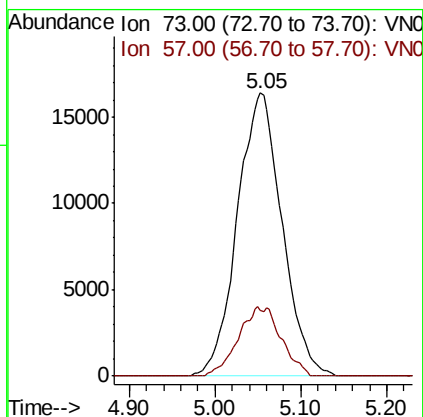
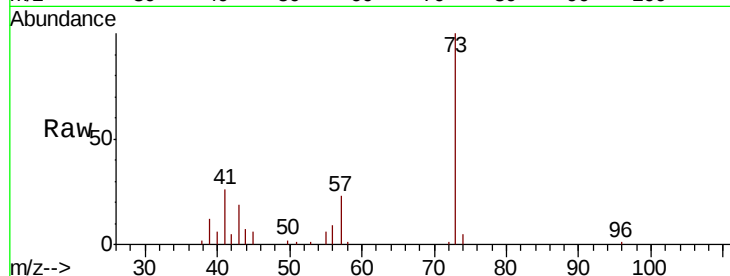


#19

Methyl tert-butyl Ether
 Concen: 2.39 ug/l
 RT: 5.05 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VN050468.D
 Acq: 8 Aug 2018 18:57

Instrument :
 MSVOA_N
 ClientSampled :
 MW-37

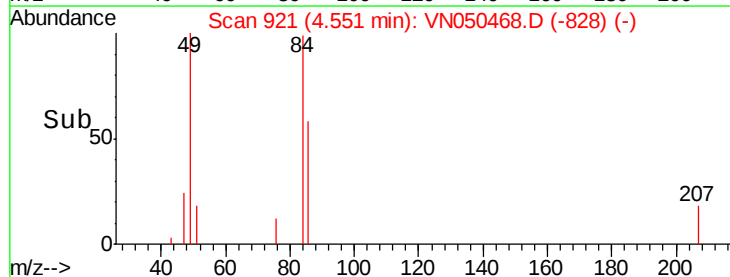
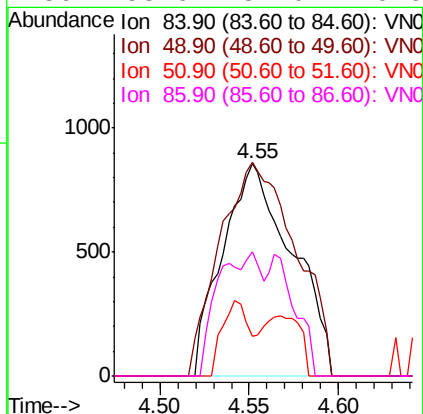
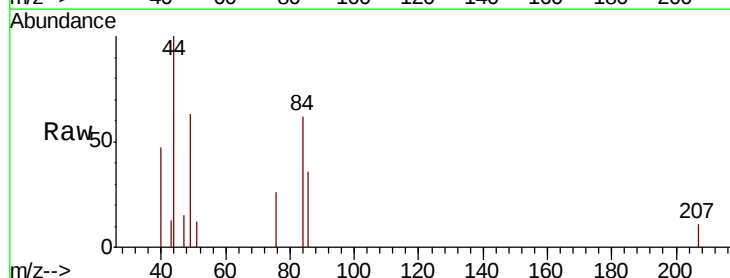
Tot Ion: 73 Resp: 59148
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.0 27.0

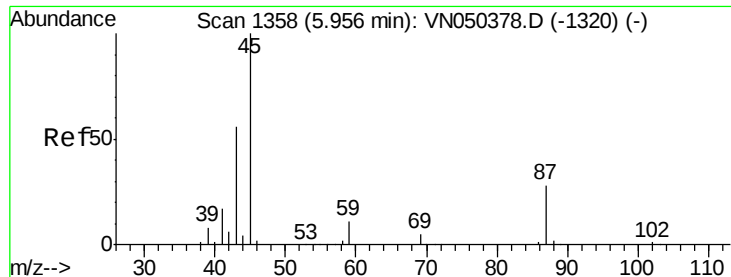


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN050468.D
 Acq: 8 Aug 2018 18:57

Tgt Ion: 84 Resp: 2321
 Ion Ratio Lower Upper
 84 100
 49 100.8 94.8 142.2
 51 18.6 28.3 42.5#
 86 58.6 51.0 76.6





#22

Diisopropyl ether

Concen: 0.64 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-37

Tot Ion: 45 Resp: 18217

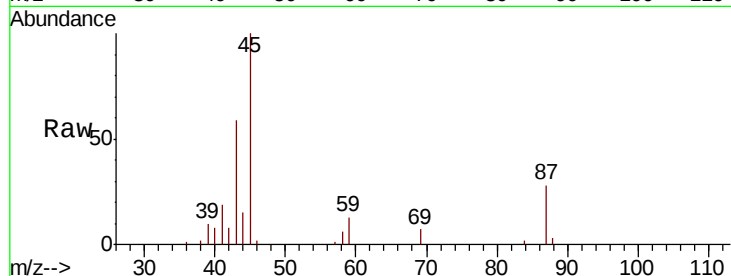
Ion Ratio Lower Upper

45 100

43 59.0 45.7 68.5

87 27.9 22.7 34.1

59 13.4 9.5 14.3

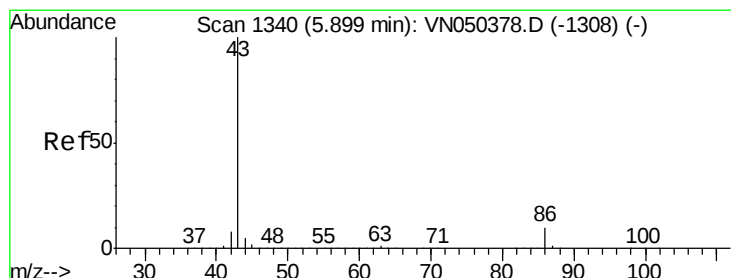
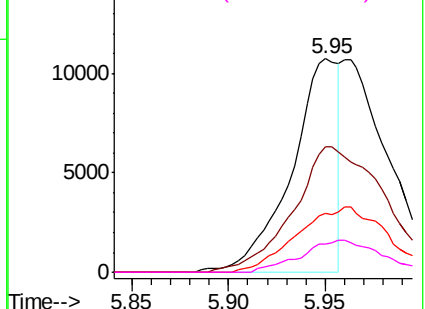
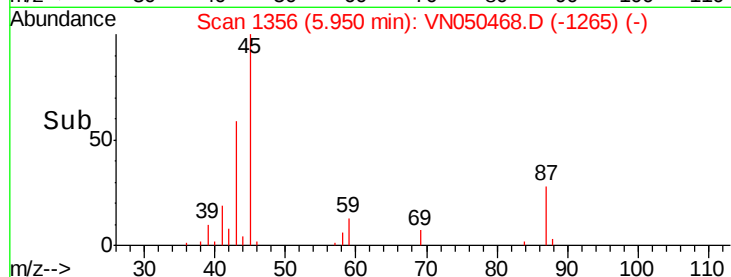


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 1.03 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. 0.05 min

Lab File: VN050468.D

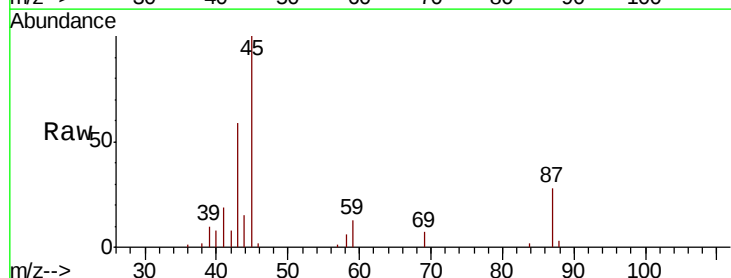
Acq: 8 Aug 2018 18:57

Tgt Ion: 43 Resp: 20985

Ion Ratio Lower Upper

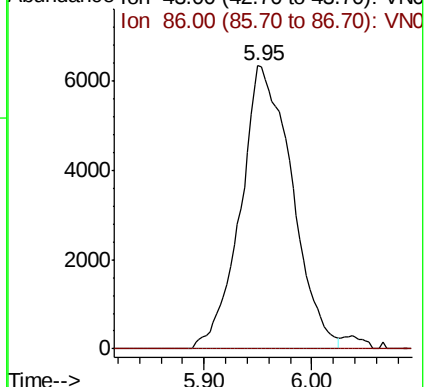
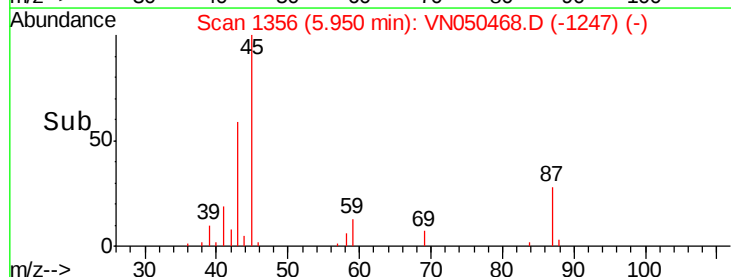
43 100

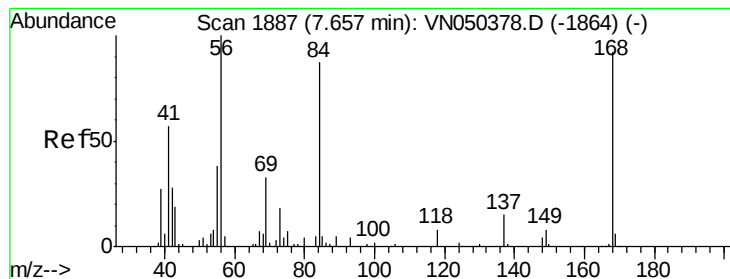
86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#31

Cyclohexane

Concen: 1.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-37

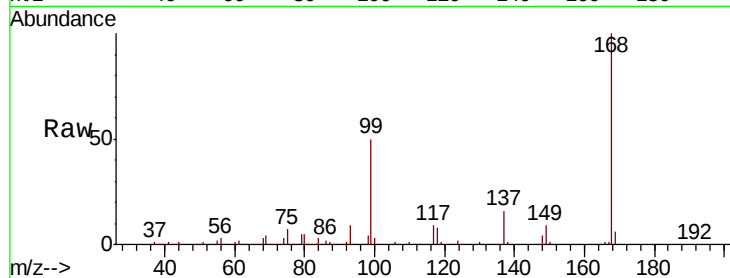
Tot Ion: 56 Resp: 24916

Ion Ratio Lower Upper

56 100

69 135.9 26.2 39.4#

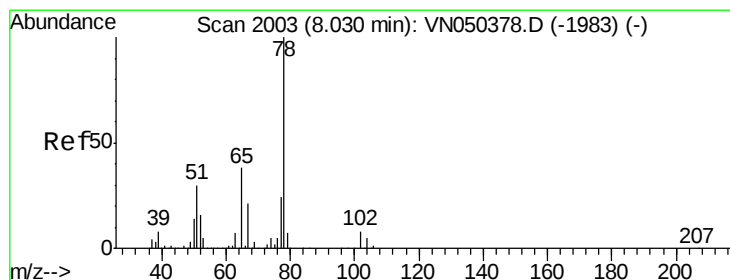
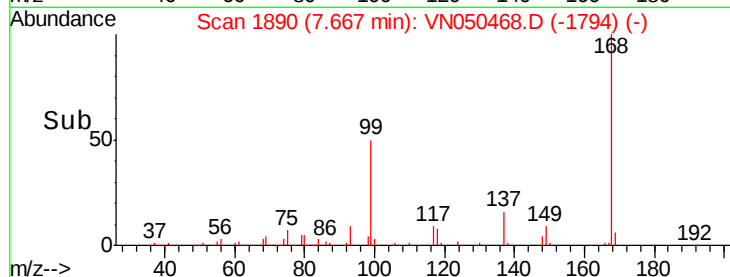
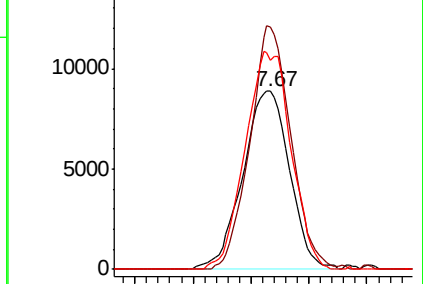
84 117.6 67.4 101.0#



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: 47.13 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050468.D

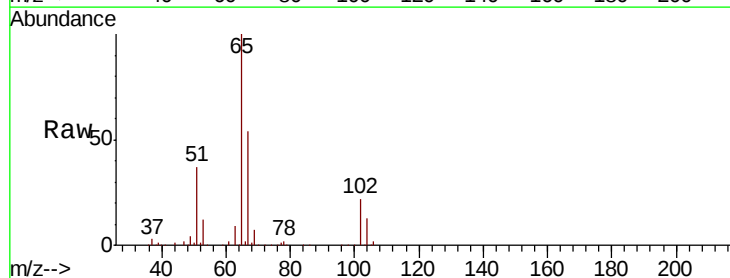
Acq: 8 Aug 2018 18:57

Tgt Ion: 65 Resp: 507941

Ion Ratio Lower Upper

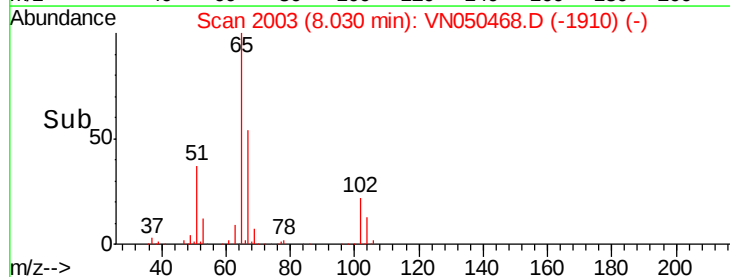
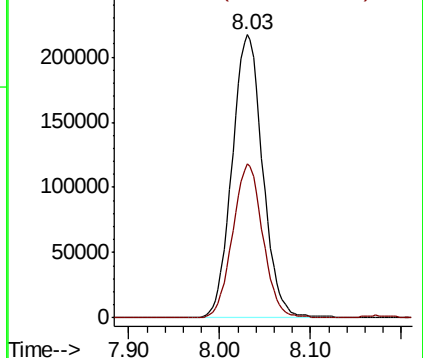
65 100

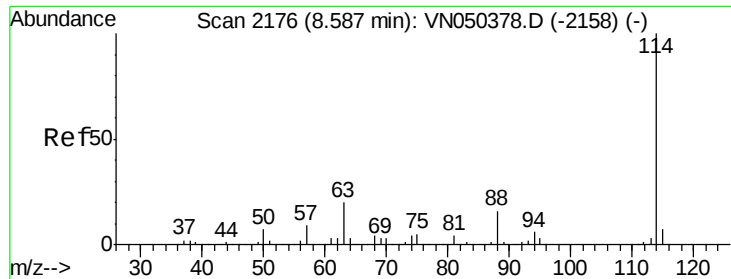
67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

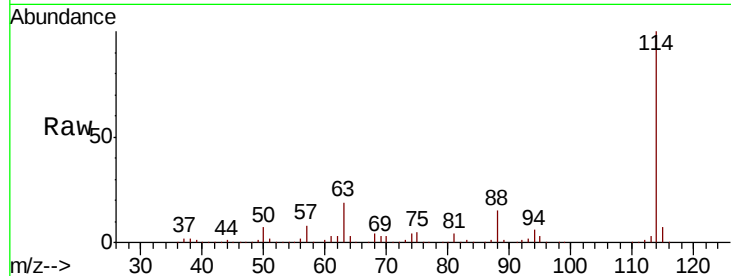




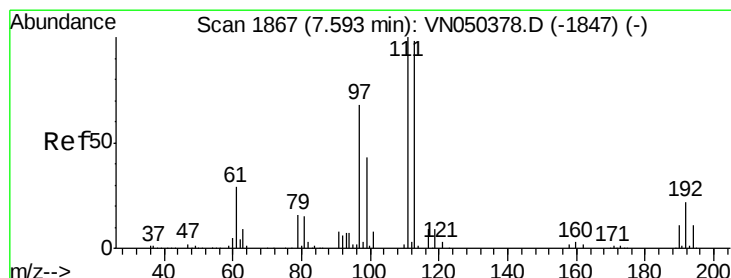
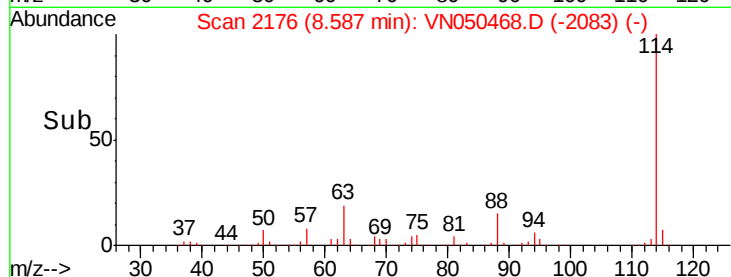
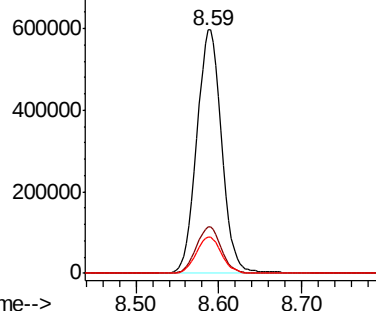
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050468.D
 Acq: 8 Aug 2018 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-37

Tot Ion:114 Resp: 1248072
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.1 0.0 31.2

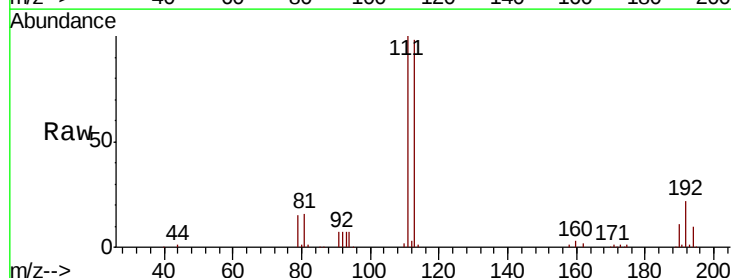


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

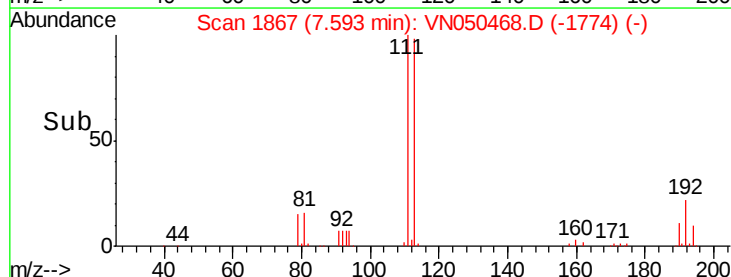
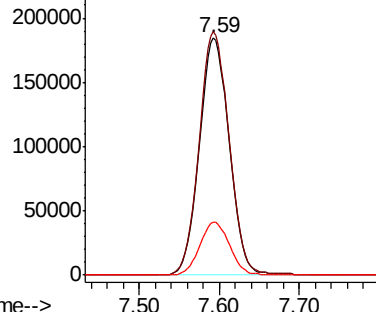


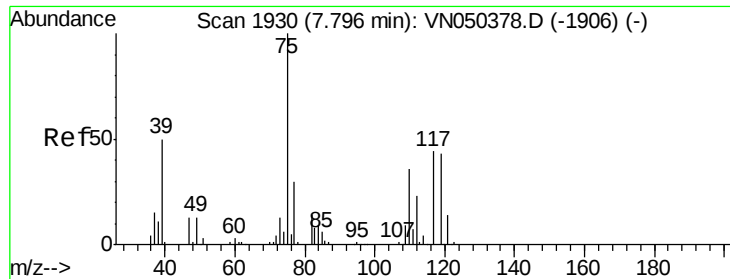
#35
 Dibromofluoromethane
 Concen: 46.74 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050468.D
 Acq: 8 Aug 2018 18:57

Tgt Ion:113 Resp: 468062
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.7 121.1
 192 22.2 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

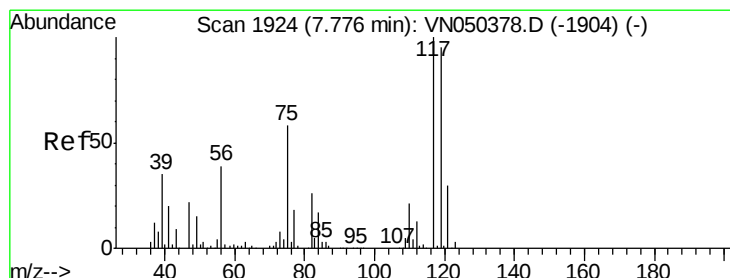
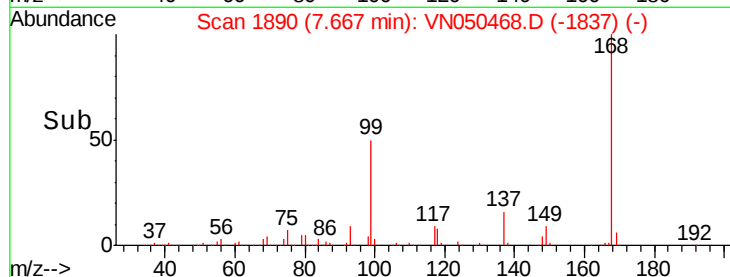
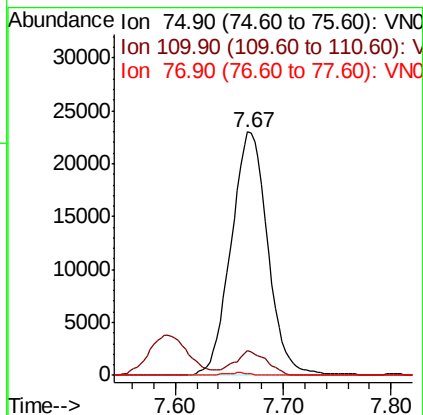
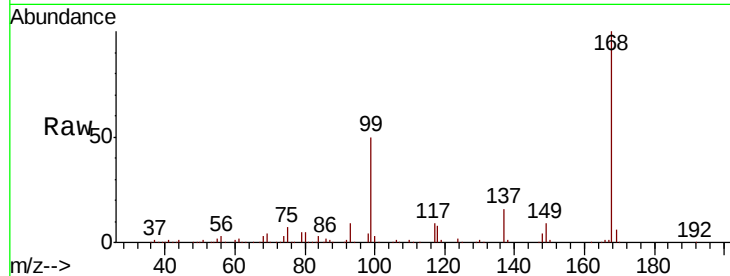




#36
 1,1-Dichloropropene
 Concen: 3.97 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050468.D
 Acq: 8 Aug 2018 18:57

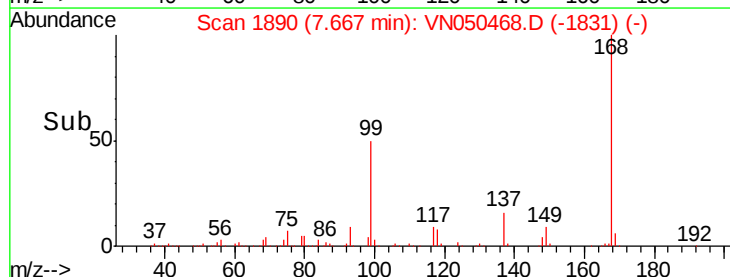
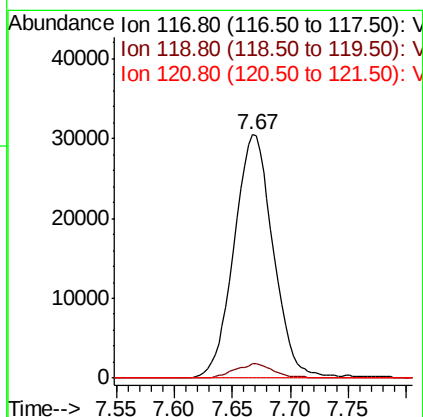
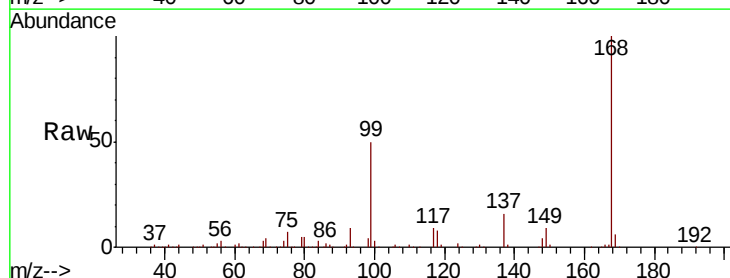
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-37

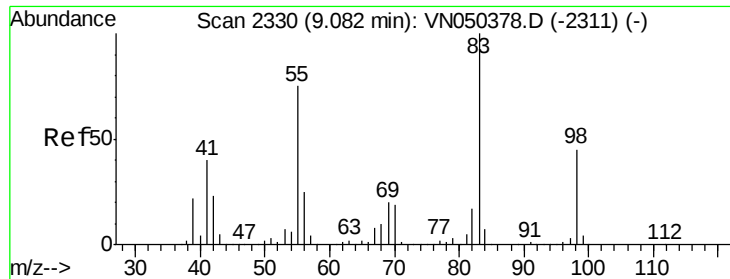
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.4	55.2#
77	0.4	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.99 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050468.D
 Acq: 8 Aug 2018 18:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.4	116.0#
121	0.0	23.9	35.9#

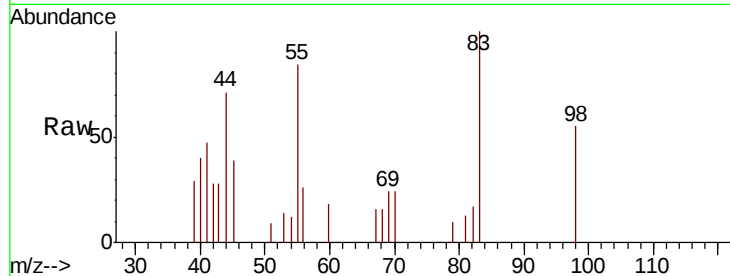




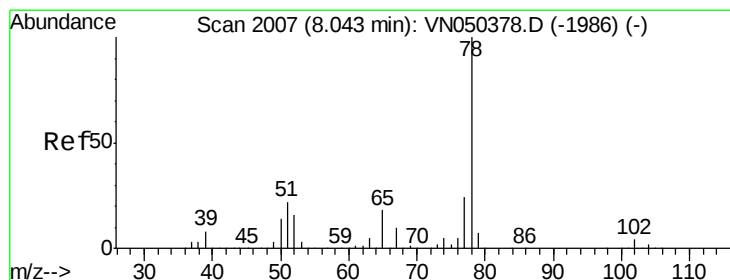
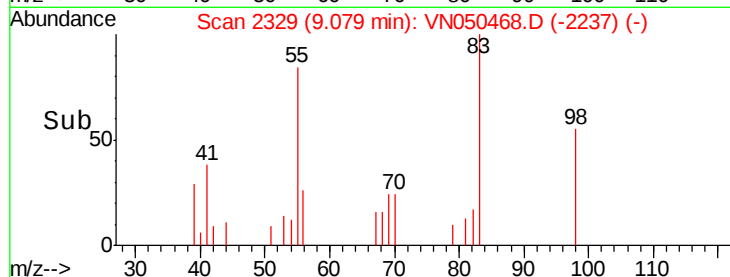
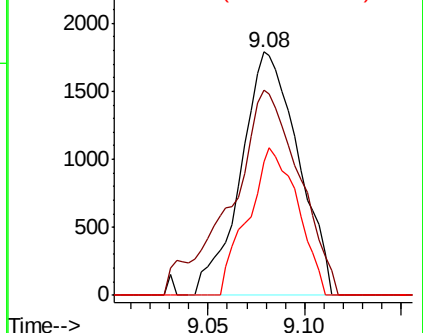
#39
Methvlcvclohexane
Concen: 0.25 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN050468.D
Acq: 8 Aug 2018 18:57

Instrument :
MSVOA_N
ClientSampled :
MW-37

Tot Ion: 83 Resp: 3684
Ion Ratio Lower Upper
83 100
55 84.5 61.8 92.8
98 54.7 36.5 54.7#

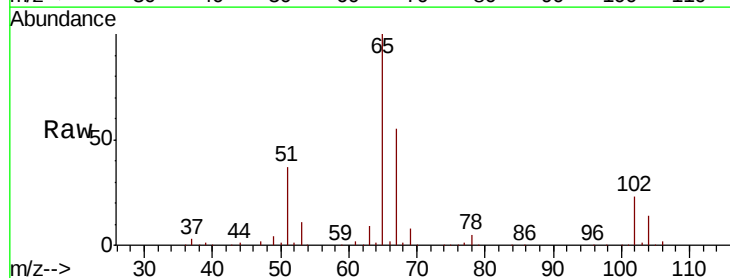


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

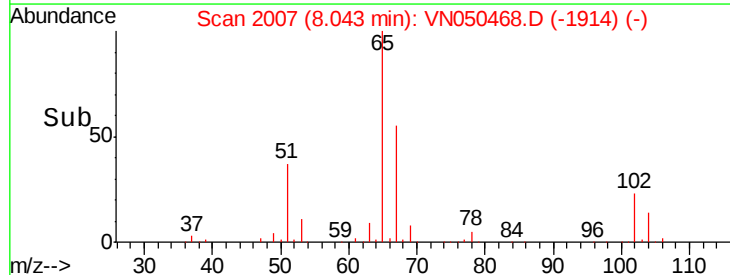
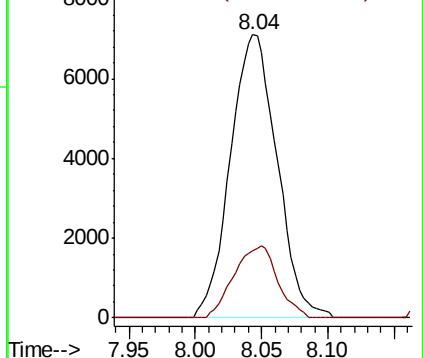


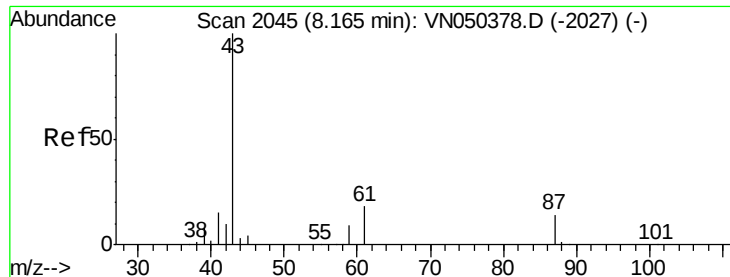
#40
Benzene
Concen: 0.41 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050468.D
Acq: 8 Aug 2018 18:57

Tgt Ion: 78 Resp: 17355
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 3.40 ug/l

RT: 8.26 min Scan# 2075

Delta R.T. 0.10 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-37

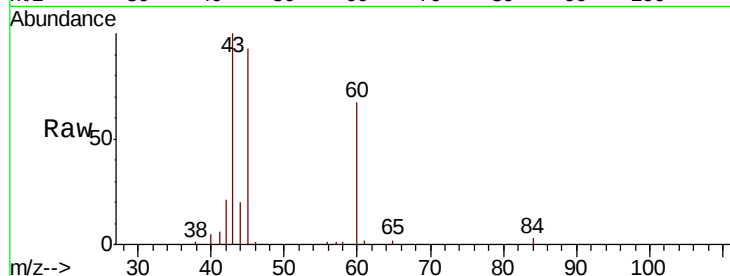
Tot Ion: 43 Resp: 57880

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

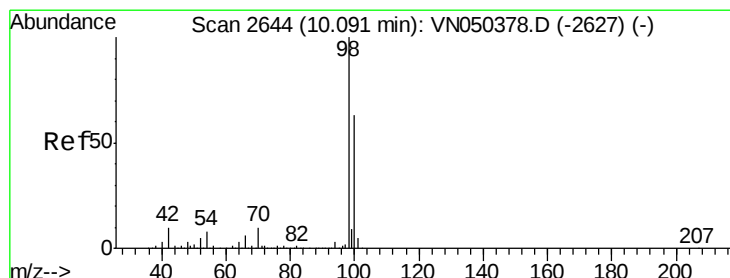
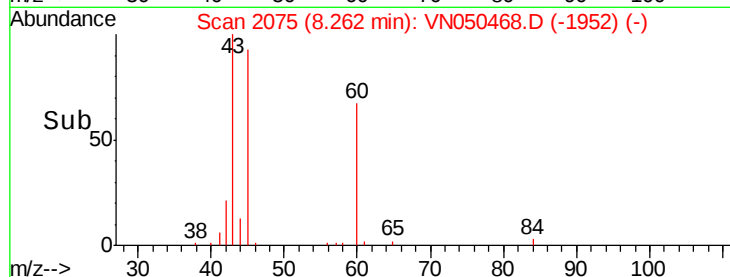
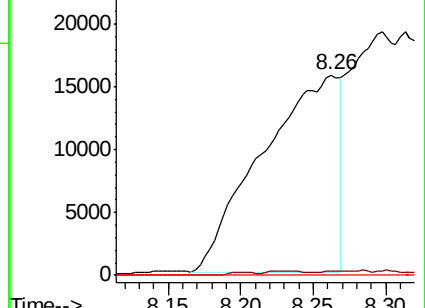
87 0.0 10.3 15.5#



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: 45.16 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050468.D

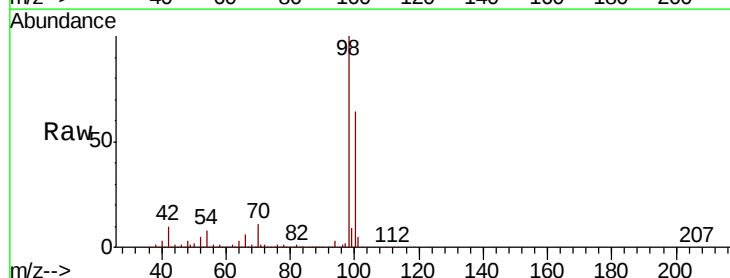
Acq: 8 Aug 2018 18:57

Tgt Ion: 98 Resp: 1700421

Ion Ratio Lower Upper

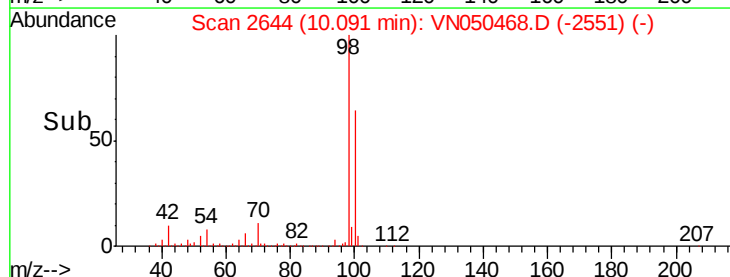
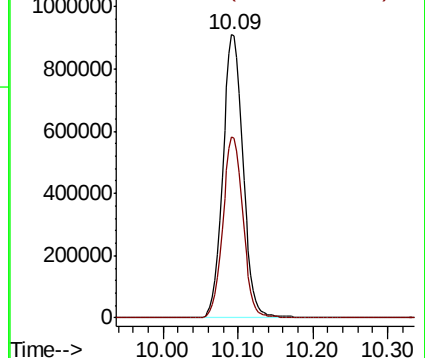
98 100

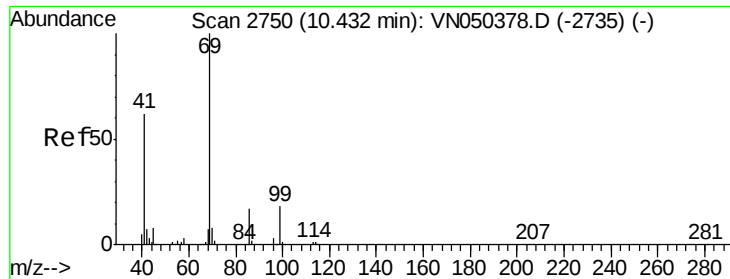
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#56

Ethyl methacrylate

Concen: 1.75 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampled :

MW-37

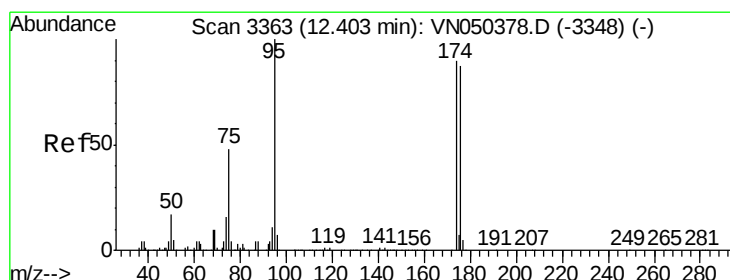
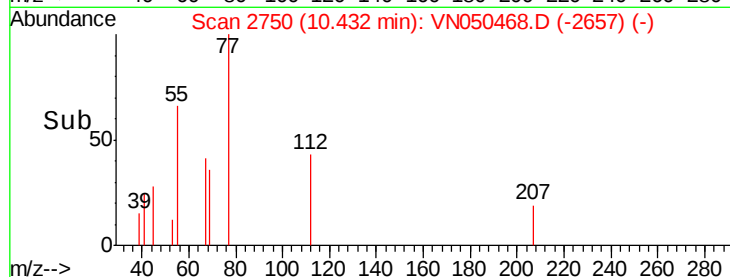
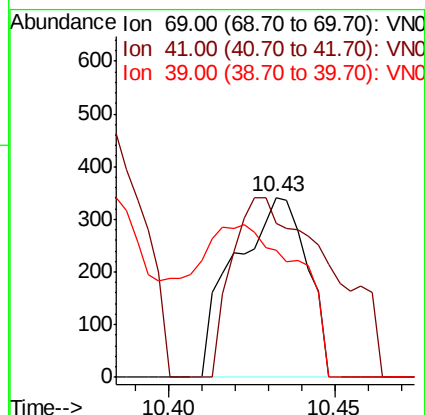
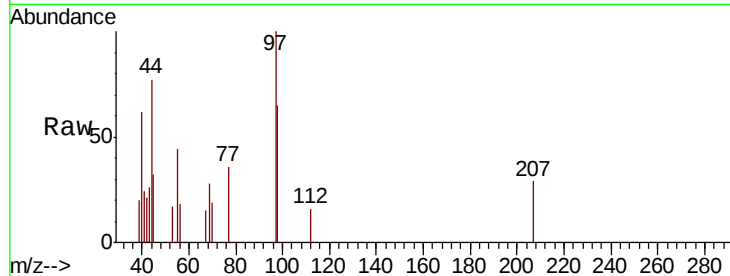
Tot Ion: 69 Resp: 519

Ion Ratio Lower Upper

69 100

41 135.6 51.0 76.4#

39 115.6 26.6 40.0#



#62

4-Bromofluorobenzene

Concen: 38.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

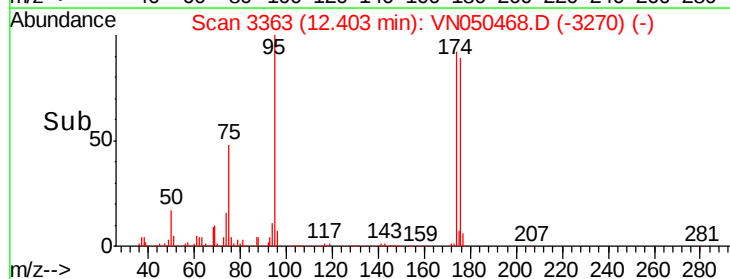
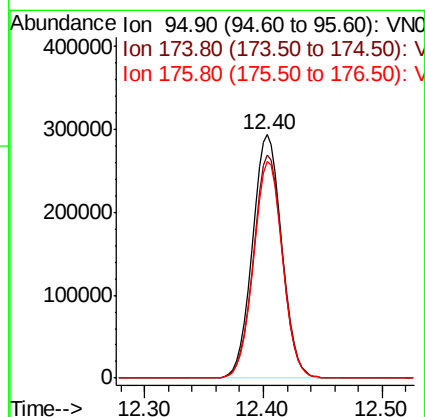
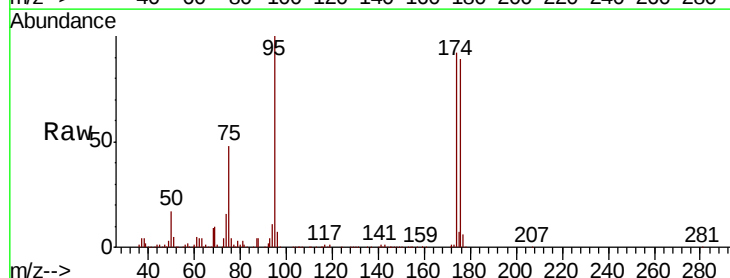
Tgt Ion: 95 Resp: 498866

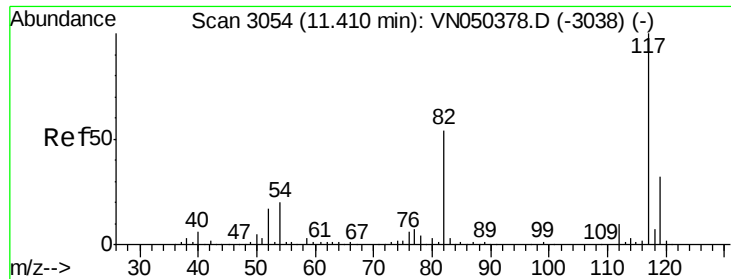
Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.2

176 88.3 0.0 173.4

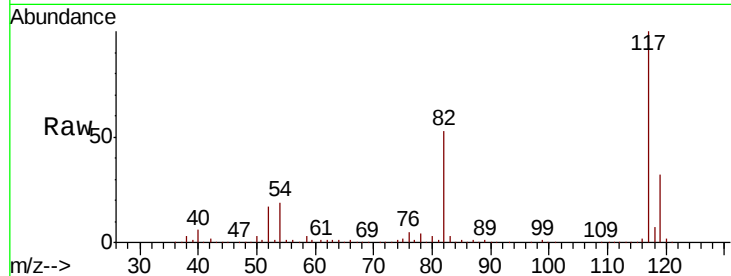




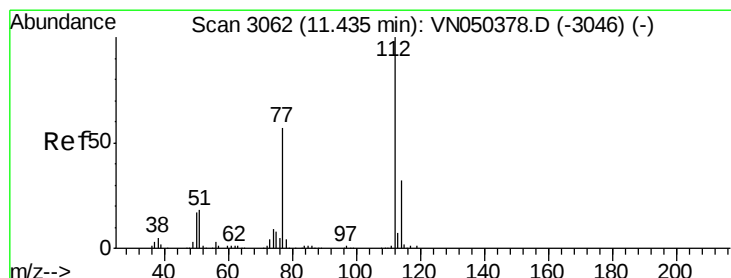
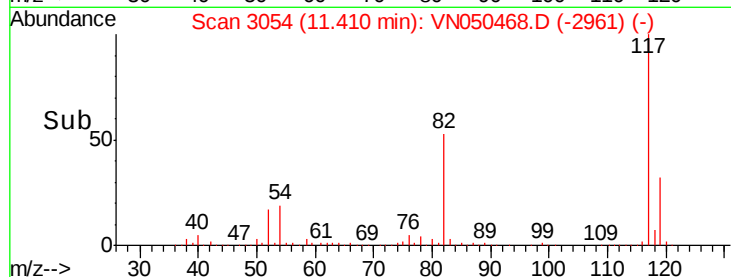
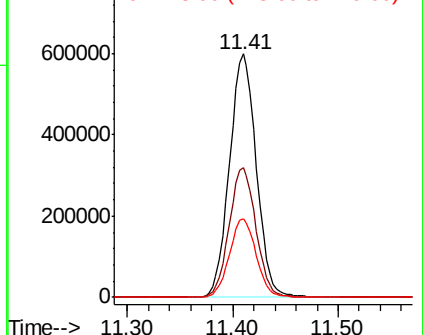
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050468.D
Acq: 8 Aug 2018 18:57

Instrument :
MSVOA_N
ClientSampleId :
MW-37

Tot Ion:117 Resp: 1053237
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 32.4 26.1 39.1

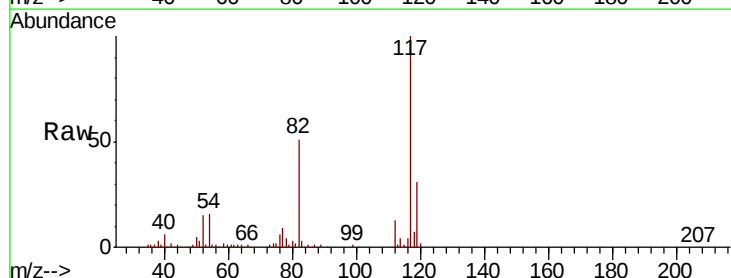


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

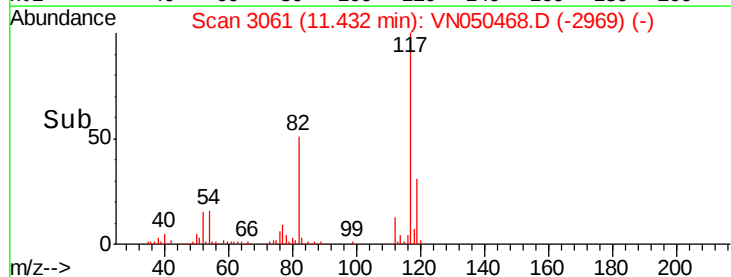
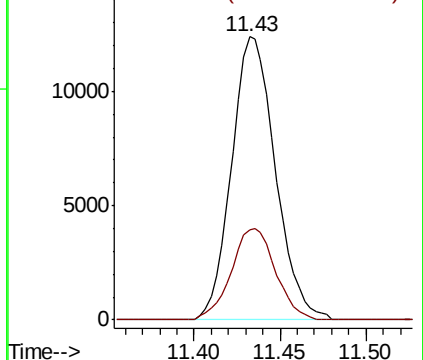


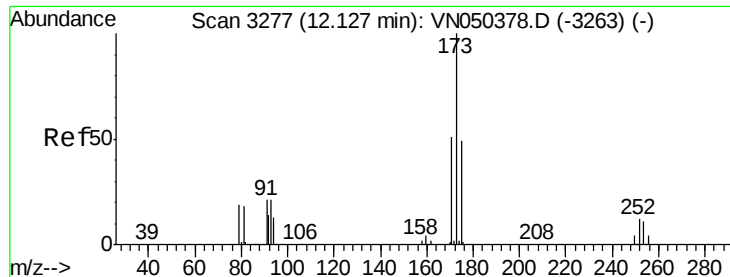
#65
Chlorobenzene
Concen: 0.83 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050468.D
Acq: 8 Aug 2018 18:57

Tgt Ion:112 Resp: 21849
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 0.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampled :

MW-37

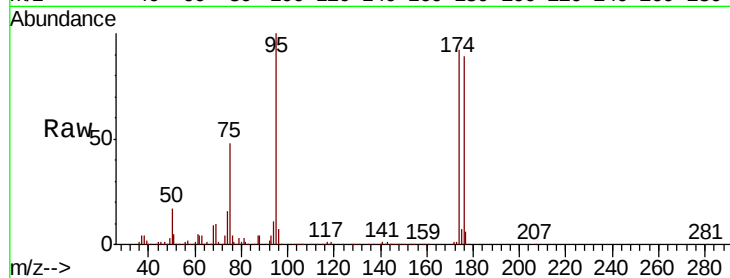
Tot Ion:173 Resp: 3988

Ion Ratio Lower Upper

173 100

175 699.1 24.1 72.2#

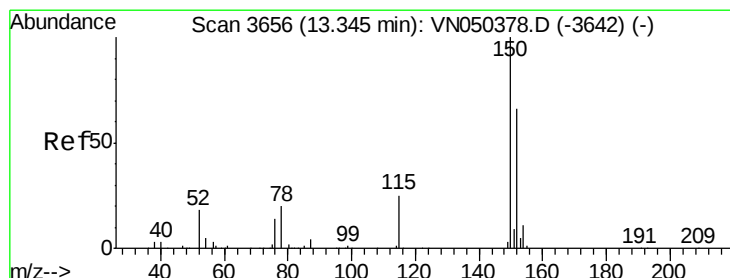
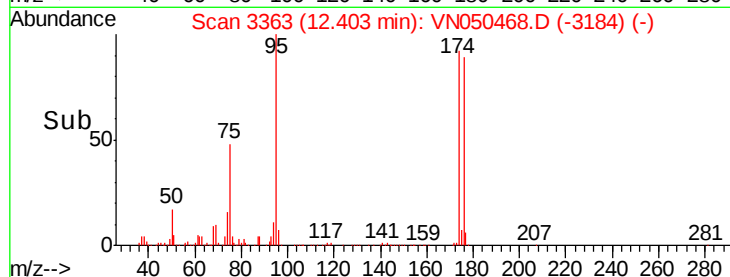
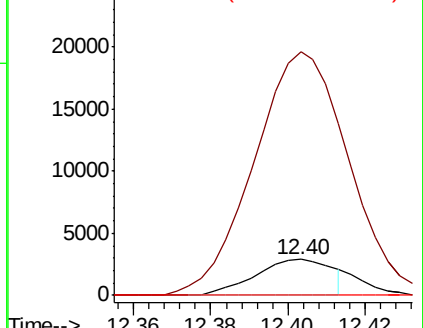
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

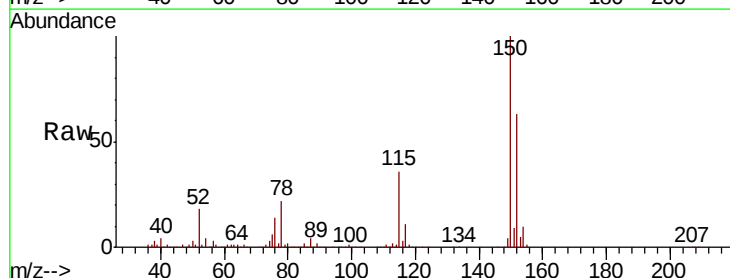
Tgt Ion:152 Resp: 438254

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.3

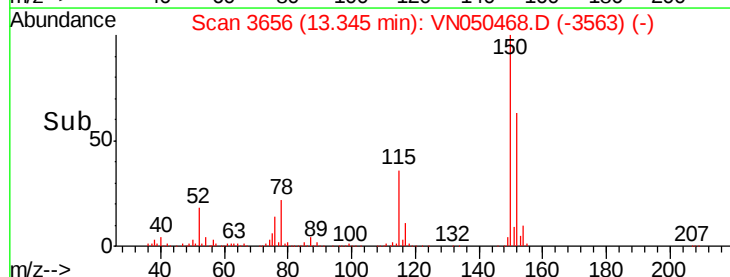
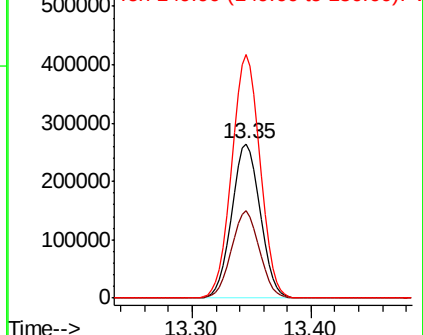
150 157.1 0.0 348.6

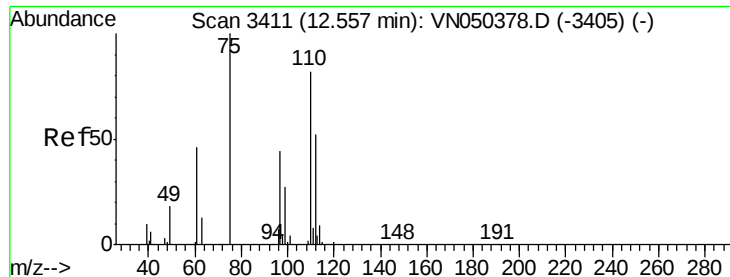


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 30.19 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

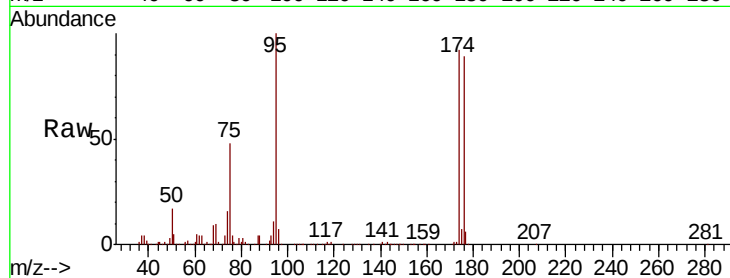
MW-37

Tot Ion: 75 Resp: 239520

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050378.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN050378.D (-3405) (-)

12.40

150000

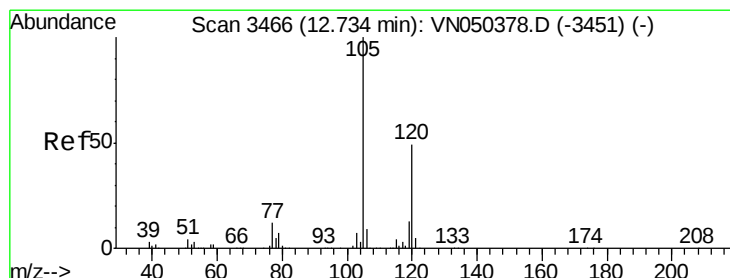
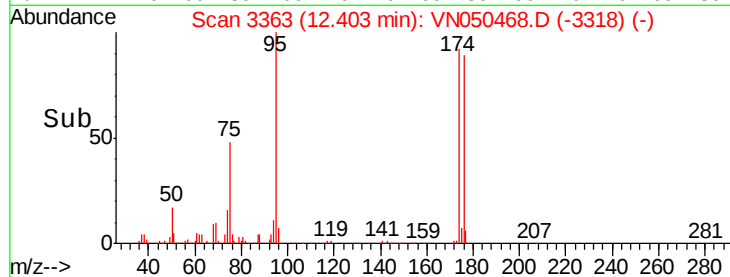
100000

50000

0

Time-->

12.35 12.40 12.45 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.34 ug/l

RT: 12.89 min Scan# 3515

Delta R.T. 0.16 min

Lab File: VN050468.D

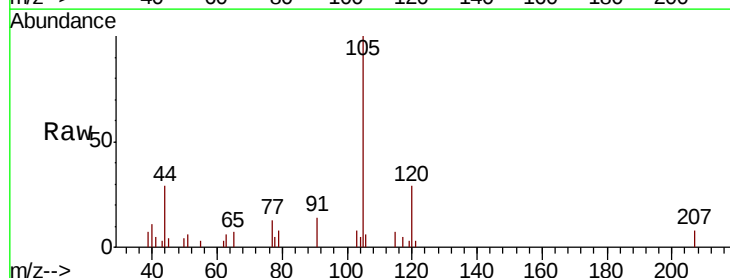
Acq: 8 Aug 2018 18:57

Tgt Ion:105 Resp: 9105

Ion Ratio Lower Upper

105 100

120 30.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050378.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN050378.D (-3451) (-)

12.89

6000

5000

4000

3000

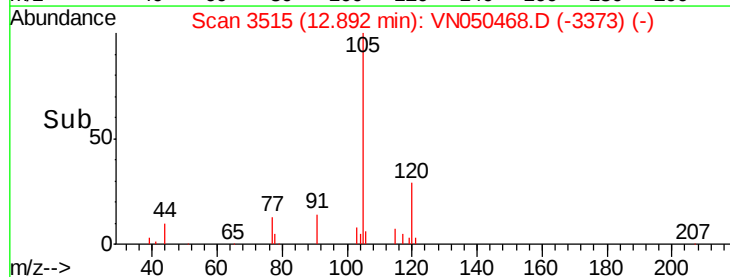
2000

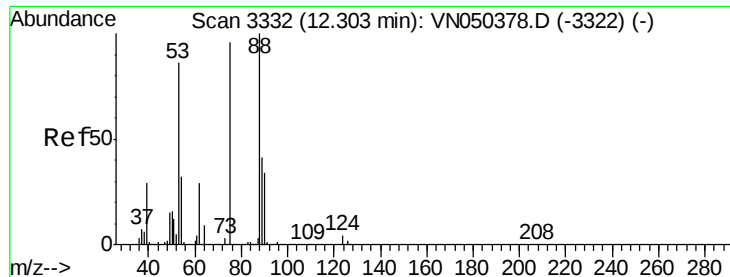
1000

0

Time-->

12.85 12.90 12.95





#81

trans-1,4-Dichloro-2-butene

Concen: 106.09 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-37

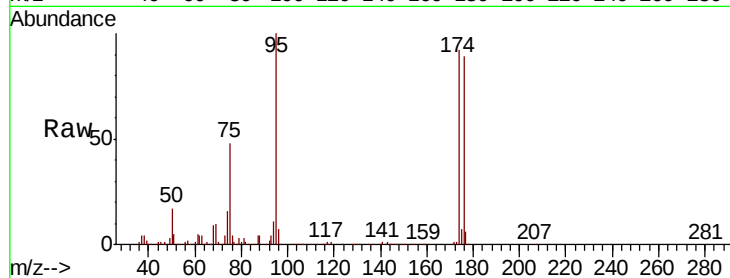
Tot Ion: 75 Resp: 239520

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

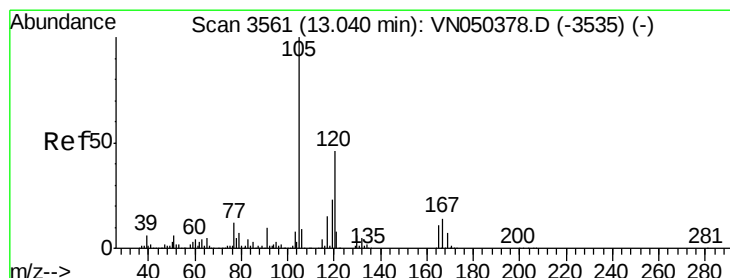
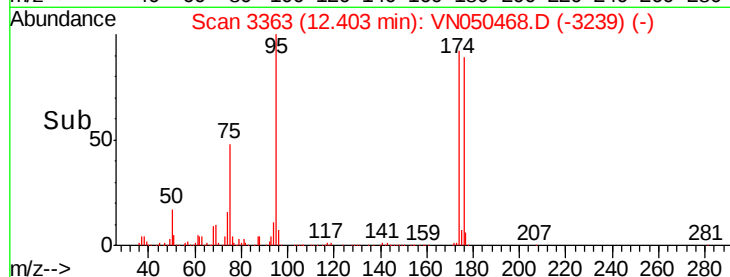
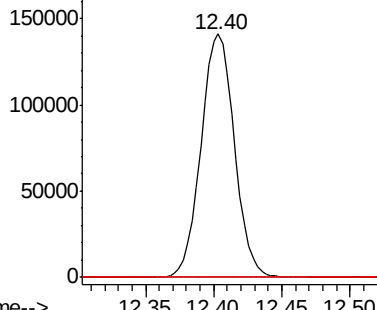
89 0.0 36.0 54.0#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.34 ug/l

RT: 12.89 min Scan# 3515

Delta R.T. -0.15 min

Lab File: VN050468.D

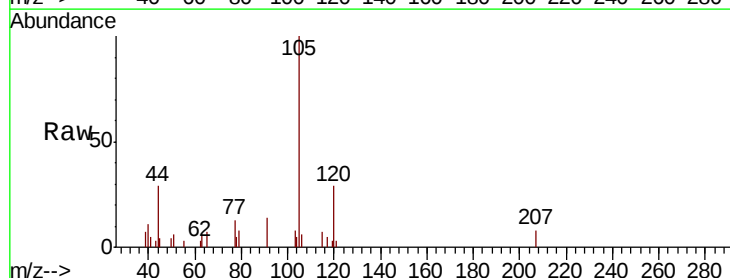
Acq: 8 Aug 2018 18:57

Tgt Ion: 105 Resp: 9105

Ion Ratio Lower Upper

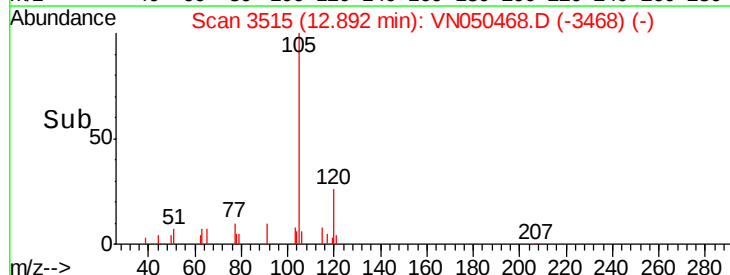
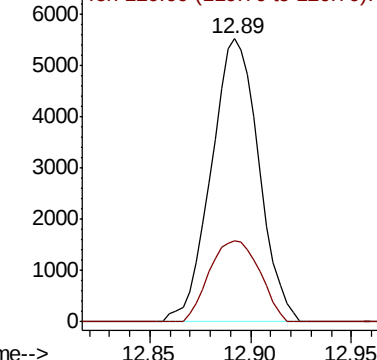
105 100

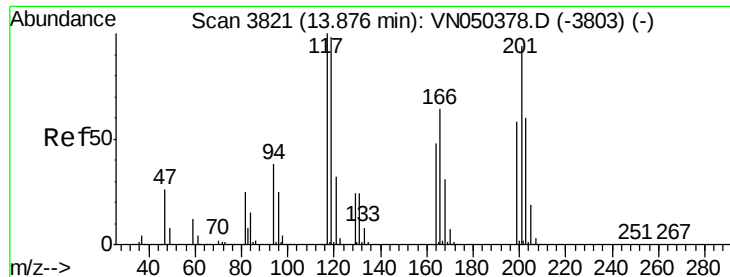
120 30.3 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.48 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampled :

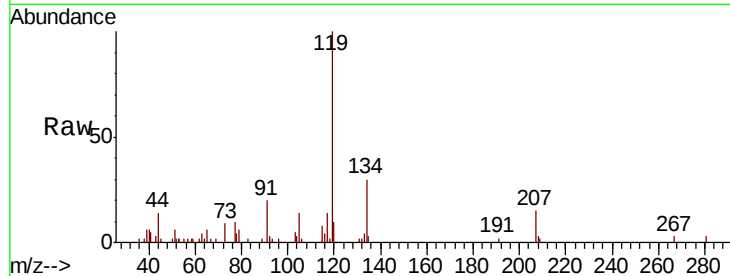
MW-37

Tot Ion:117 Resp: 2291

Ion Ratio Lower Upper

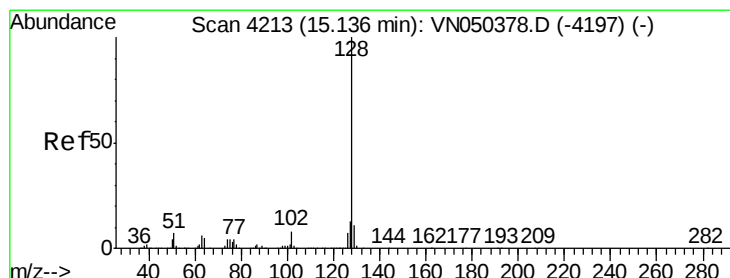
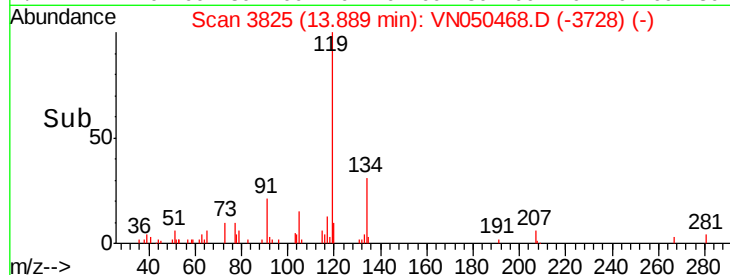
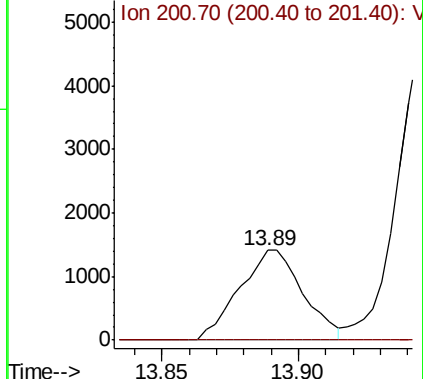
117 100

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



#95

Naphthalene

Concen: 3.72 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

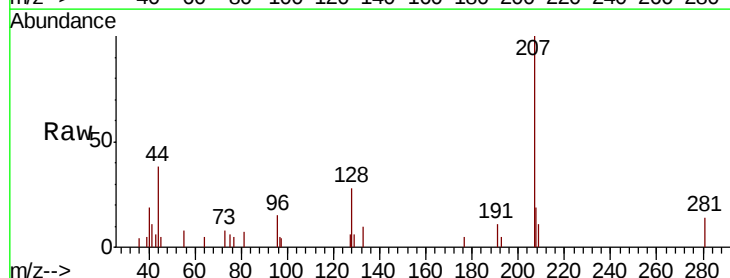
Tgt Ion:128 Resp: 2192

Ion Ratio Lower Upper

128 100

127 4.8 10.4 15.6#

129 10.2 8.8 13.2



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

