

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050372.D
 Acq On : 4 Aug 2018 17:26
 Operator : MD\SY
 Sample : J4356-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-07

Quant Time: Aug 06 01:39:55 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	667100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1048578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	942966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	462769	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	7.59	113	408767	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.09	98	1471537	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
62) 4-Bromofluorobenzene	12.40	95	457598	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	

Target Compounds

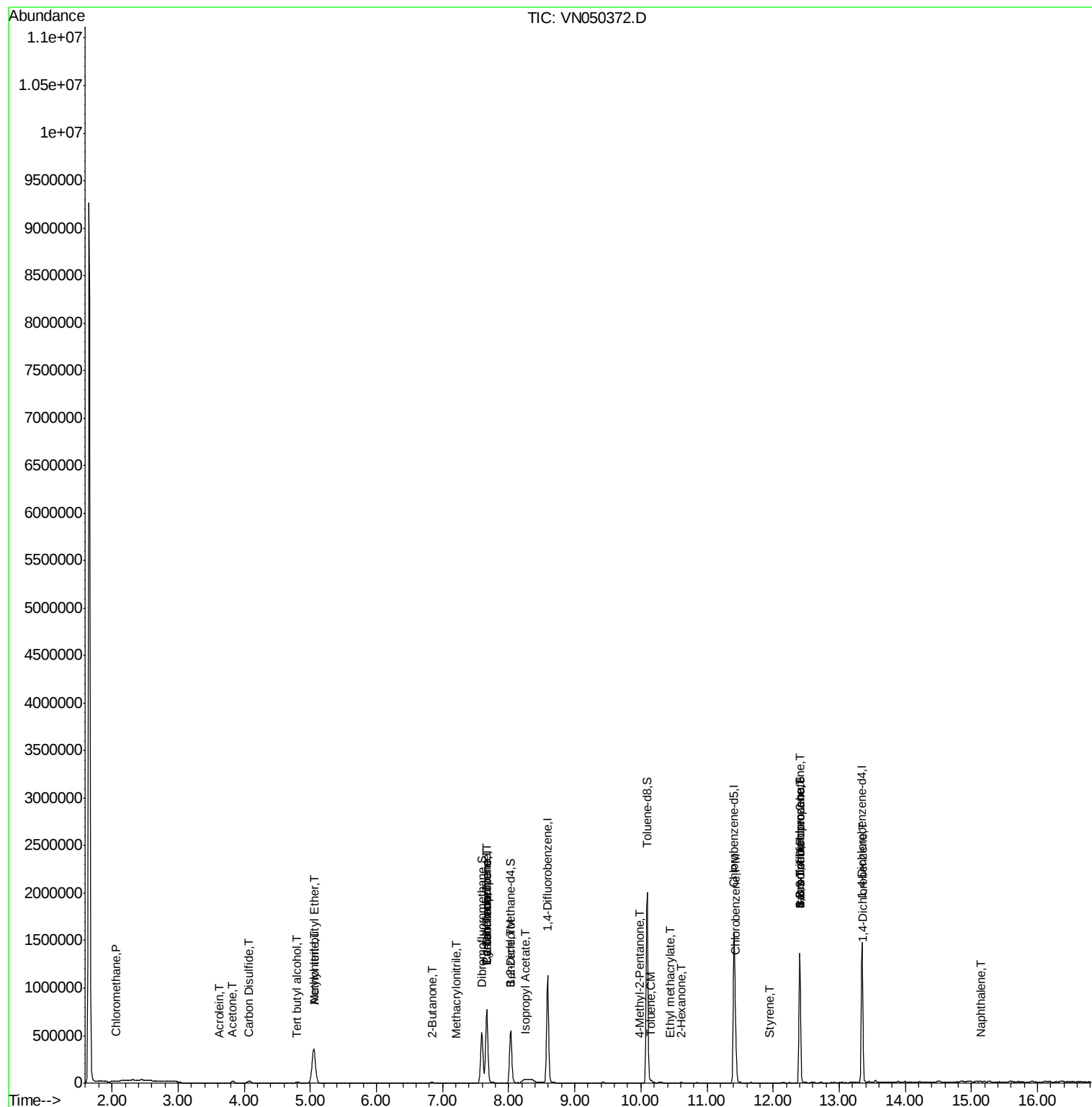
						Qvalue
3) Chloromethane	2.06	50	3940	0.38	ug/l	96
5) Bromomethane	2.57	94	4045	Below	Cal	99
11) Tert butyl alcohol	4.80	59	13365	19.52	ug/l #	72
13) Acrolein	3.62	56	250	0.45	ug/l #	15
15) Acrylonitrile	5.05	53	6498	2.17	ug/l #	7
16) Acetone	3.82	43	33472	11.12	ug/l	99
17) Carbon Disulfide	4.06	76	10984	0.47	ug/l #	94
18) Methyl Acetate	4.34	43	4689	Below	Cal	100
19) Methyl tert-butyl Ether	5.05	73	602014	29.38	ug/l	100
20) Methylene Chloride	4.54	84	801	Below	Cal #	65
25) 2-Butanone	6.85	43	5534	1.56	ug/l #	83
31) Cyclohexane	7.67	56	12115	0.88	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46164	3.91	ug/l #	48
38) Carbon Tetrachloride	7.67	117	59583	4.75	ug/l #	16
40) Benzene	8.04	78	25563	0.71	ug/l	100
41) Methacrylonitrile	7.21	41	76	2.77	ug/l #	10
43) Isopropyl Acetate	8.24	43	33337	1.03	ug/l #	68
51) 4-Methyl-2-Pentanone	9.99	43	1826	0.23	ug/l #	35
52) Toluene	10.16	92	4736	0.22	ug/l	99
56) Ethyl methacrylate	10.44	69	62	2.04	ug/l #	1
59) 2-Hexanone	10.61	43	5117	6.02	ug/l	77
65) Chlorobenzene	11.44	112	234879	9.86	ug/l	99
70) Styrene	11.96	104	29	0.92	ug/l #	27
71) Bromoform	12.40	173	3451	0.52	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.48	83	65	Below	Cal #	25
76) 1,2,3-Trichloropropane	12.40	75	223778	29.25	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	223778	92.77	ug/l #	13
88) 1,4-Dichlorobenzene	13.36	146	4024	0.28	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.49	75	271	Below	Cal #	41
95) Naphthalene	15.14	128	5054	4.66	ug/l	96

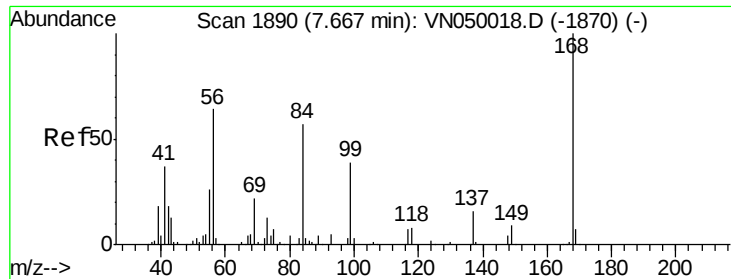
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
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Quant Time: Aug 06 01:39:55 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampleId :

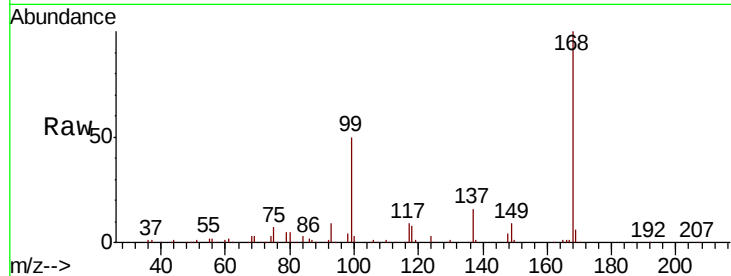
MW-07

Tot Ion:168 Resp: 667100

Ion Ratio Lower Upper

168 100

99 50.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

250000

200000

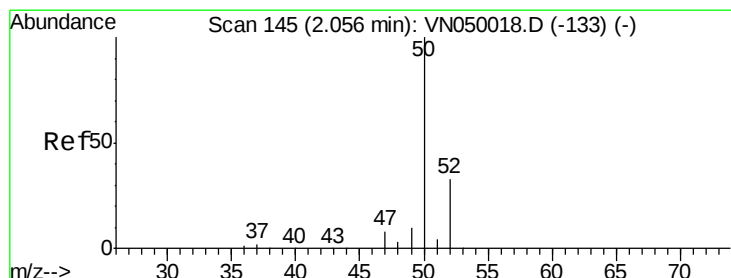
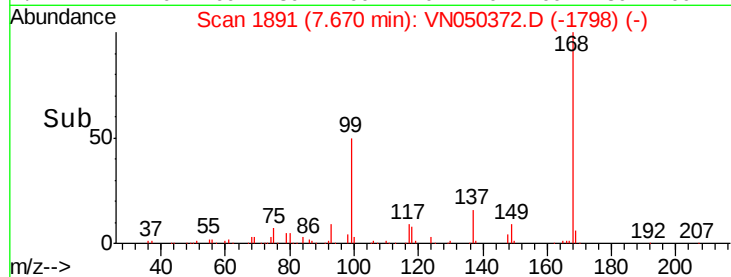
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.38 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050372.D

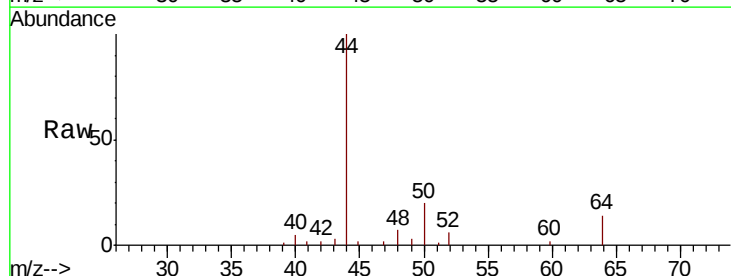
Acq: 4 Aug 2018 17:26

Tgt Ion: 50 Resp: 3940

Ion Ratio Lower Upper

50 100

52 30.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

3000

2500

2000

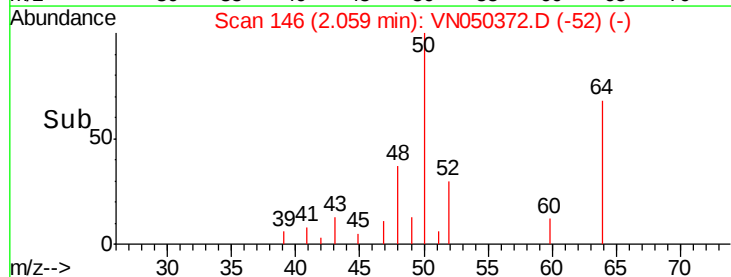
1500

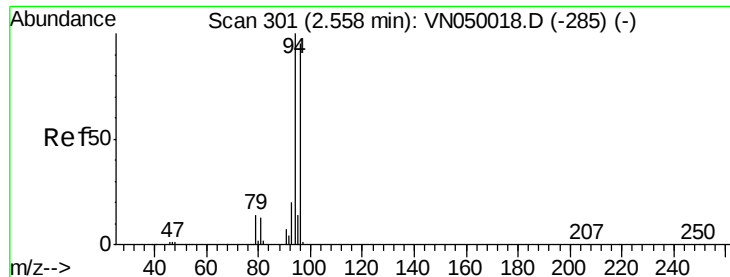
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampled :

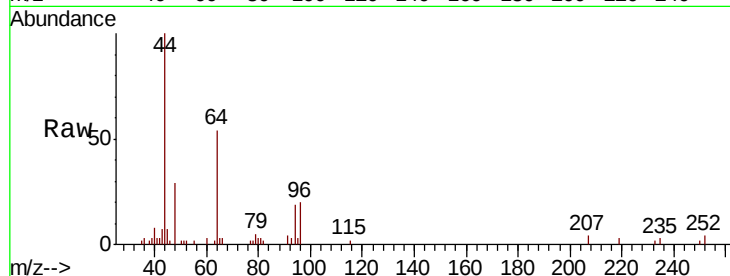
MW-07

Tot Ion: 94 Resp: 4045

Ion Ratio Lower Upper

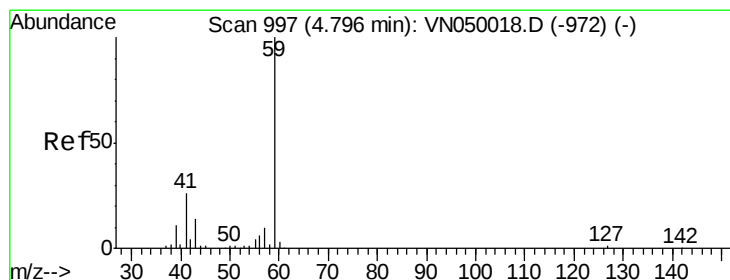
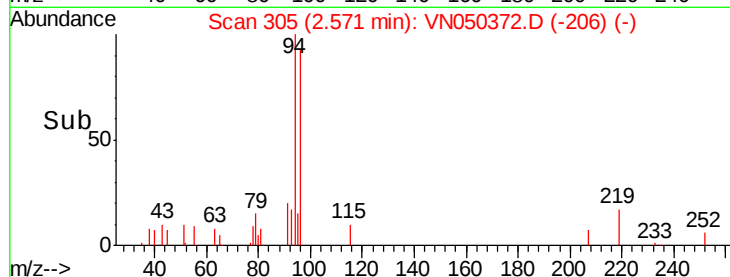
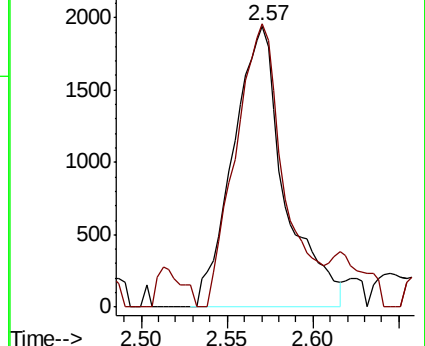
94 100

96 92.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 19.52 ug/l

RT: 4.80 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN050372.D

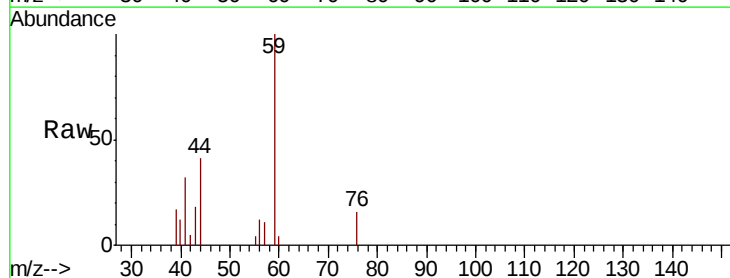
Acq: 4 Aug 2018 17:26

Tgt Ion: 59 Resp: 13365

Ion Ratio Lower Upper

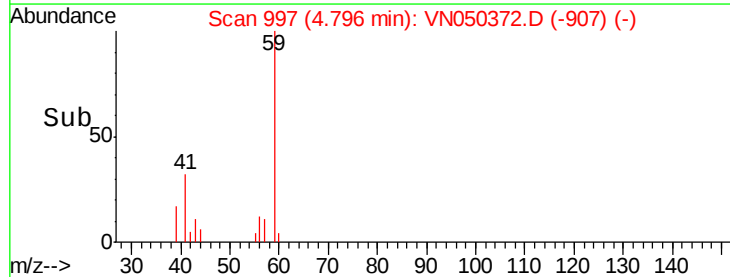
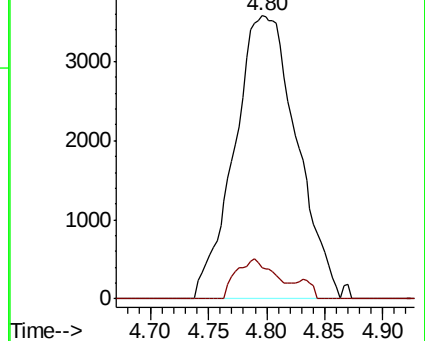
59 100

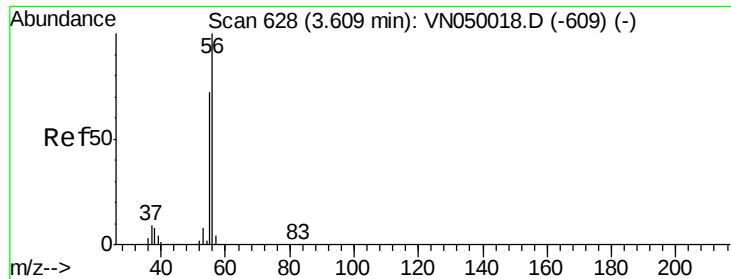
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.45 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampleId :

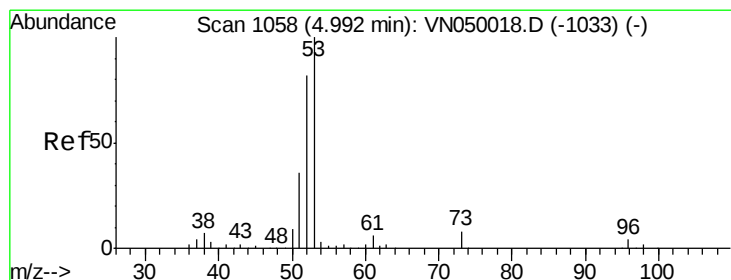
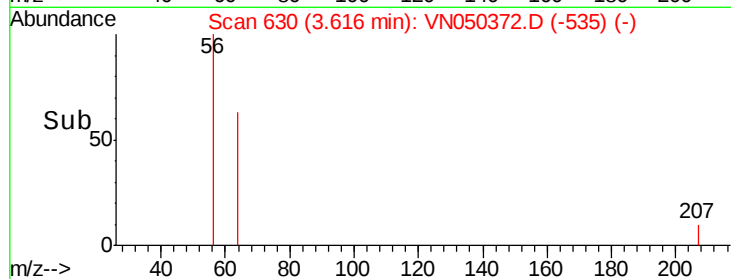
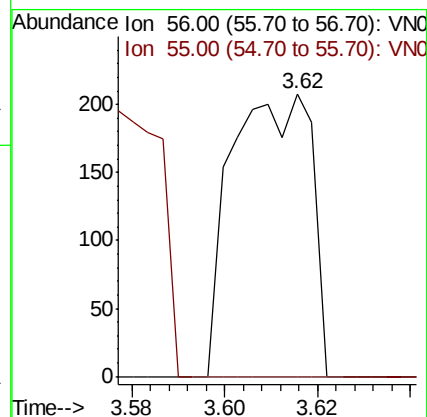
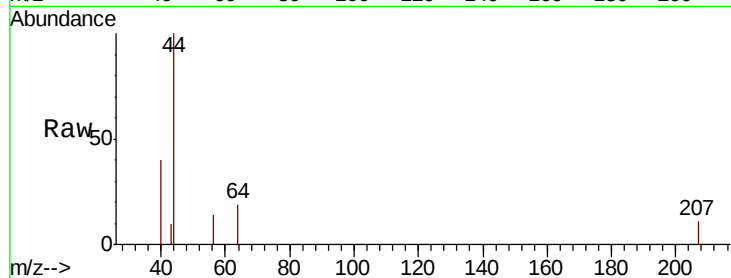
MW-07

Tot Ion: 56 Resp: 250

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#



#15

Acrylonitrile

Concen: 2.17 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.05 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

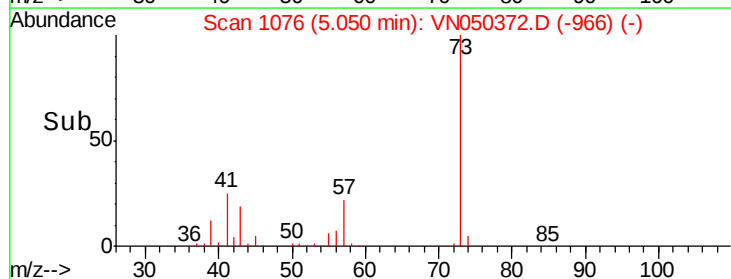
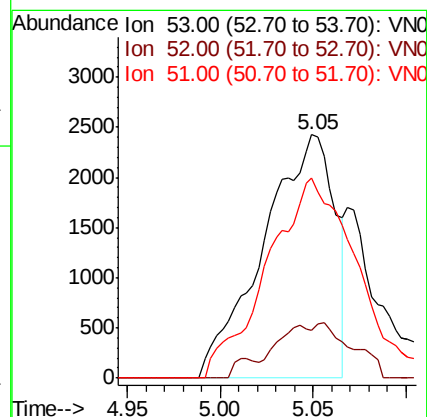
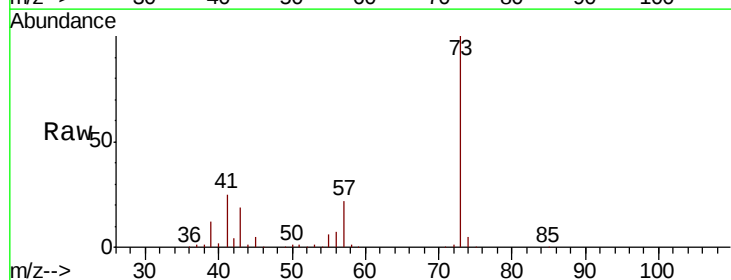
Tgt Ion: 53 Resp: 6498

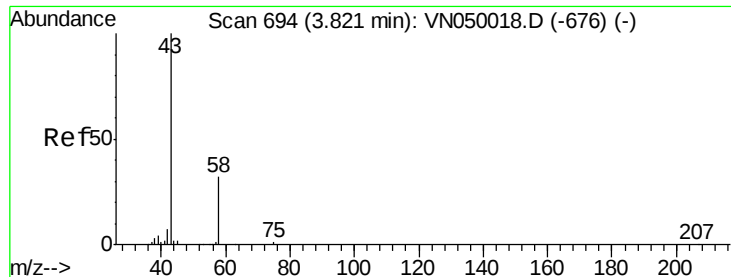
Ion Ratio Lower Upper

53 100

52 6.6 66.2 99.2#

51 101.9 29.3 43.9#





#16

Acetone

Concen: 11.12 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampled :

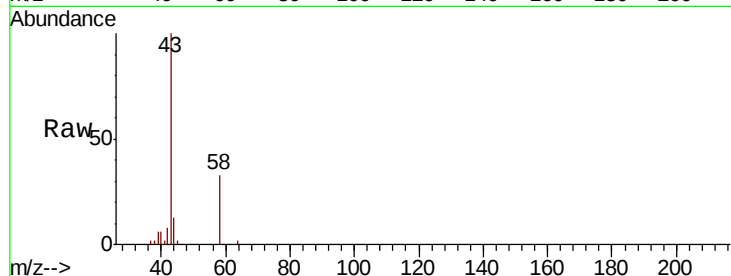
MW-07

Tot Ion: 43 Resp: 33472

Ion Ratio Lower Upper

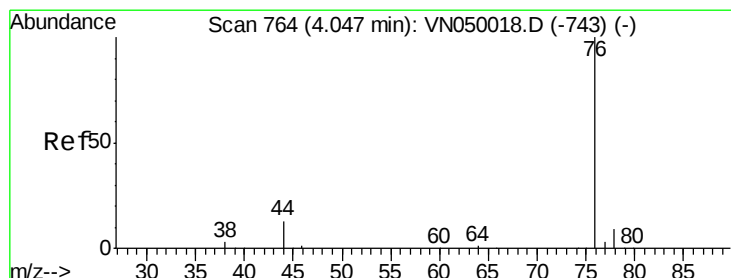
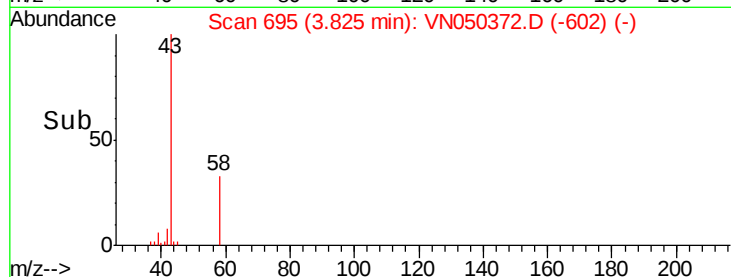
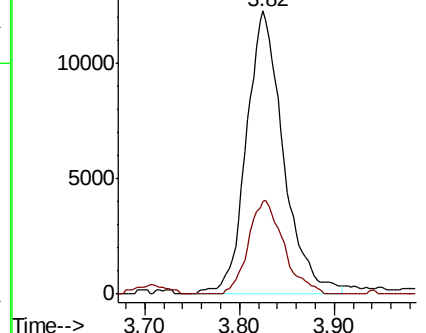
43 100

58 32.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)



#17

Carbon Disulfide

Concen: 0.47 ug/l

RT: 4.06 min Scan# 767

Delta R.T. 0.01 min

Lab File: VN050372.D

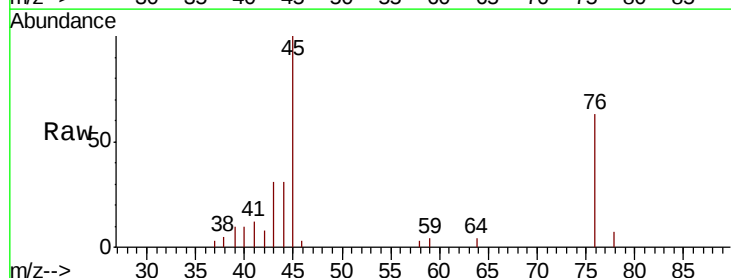
Acq: 4 Aug 2018 17:26

Tgt Ion: 76 Resp: 10984

Ion Ratio Lower Upper

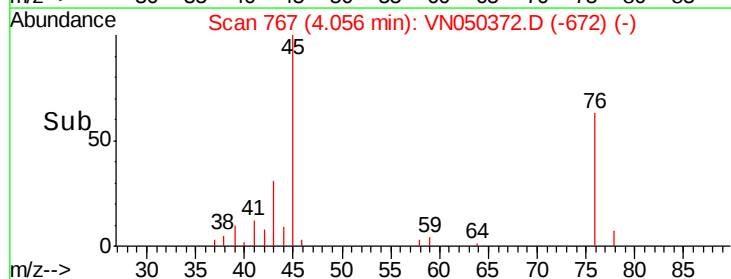
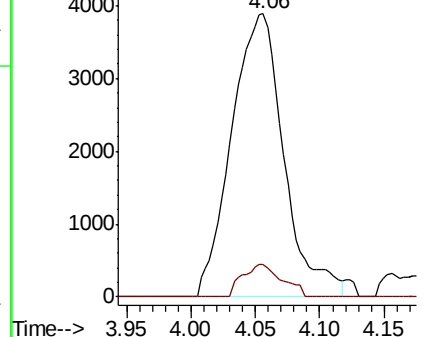
76 100

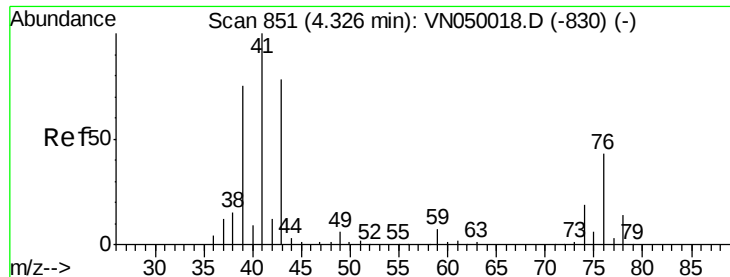
78 11.3 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN050018.D (-743) (-)

Ion 77.90 (77.60 to 78.60): VN050018.D (-743) (-)

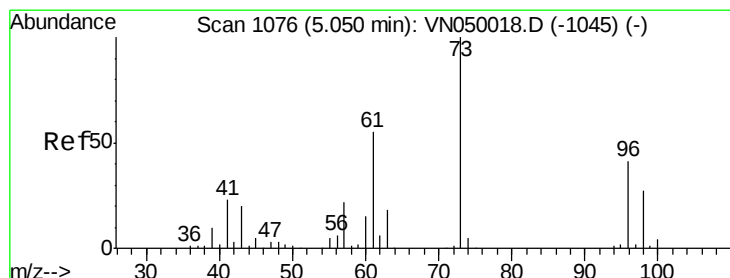
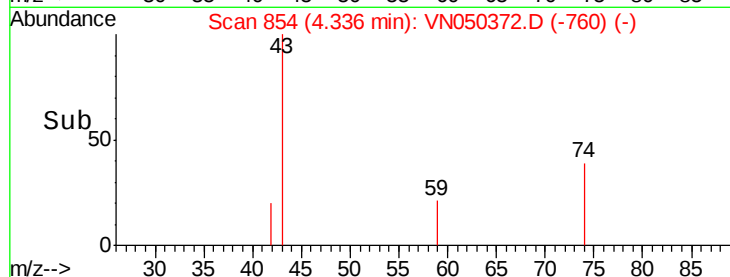
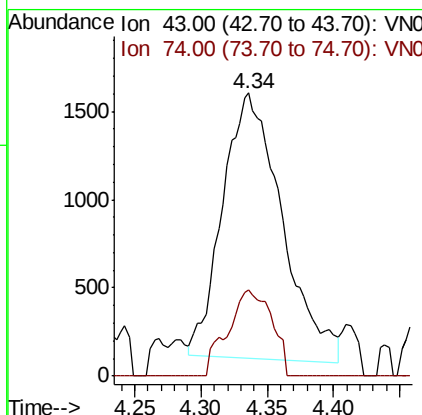
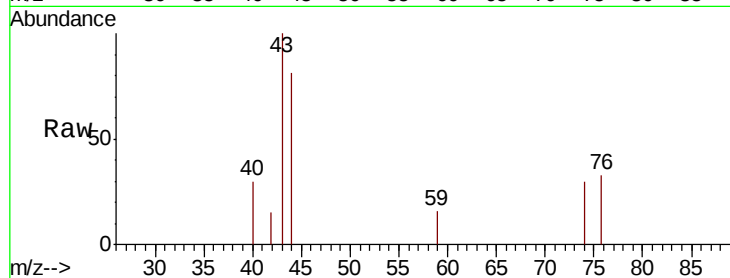




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

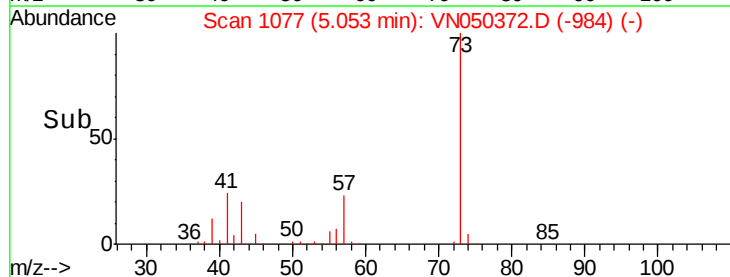
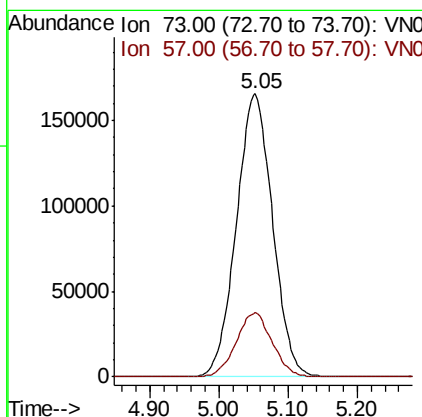
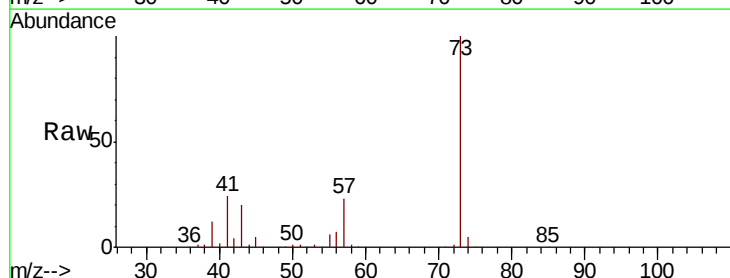
Instrument :
MSVOA_N
ClientSampled :
MW-07

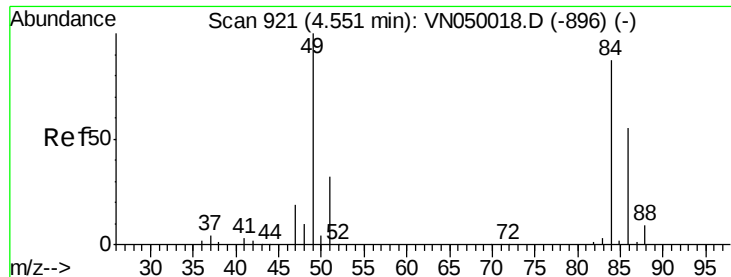
Tot Ion: 43 Resp: 4689
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8



#19
Methyl tert-butyl Ether
Concen: 29.38 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion: 73 Resp: 602014
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0

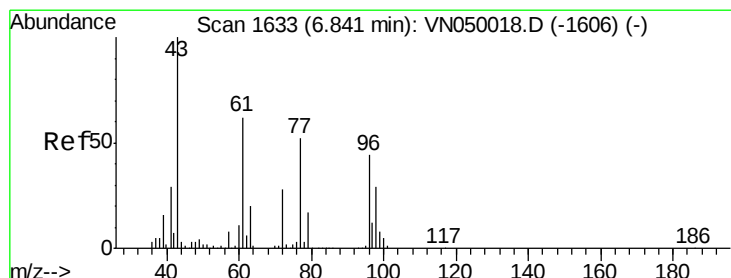
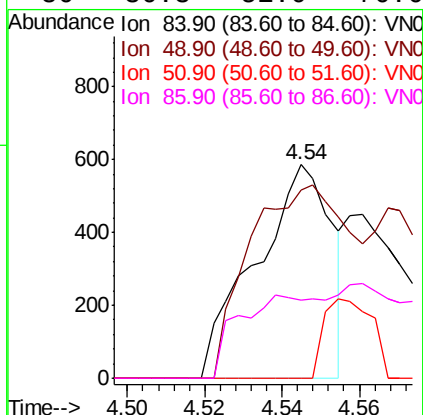
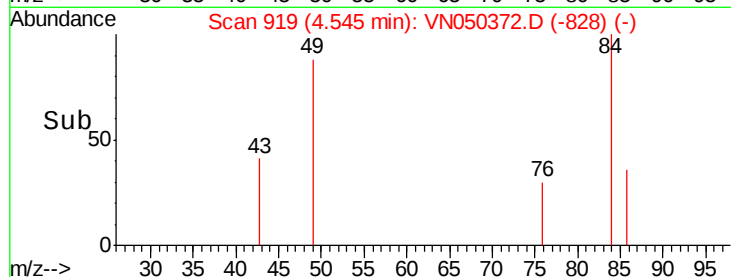
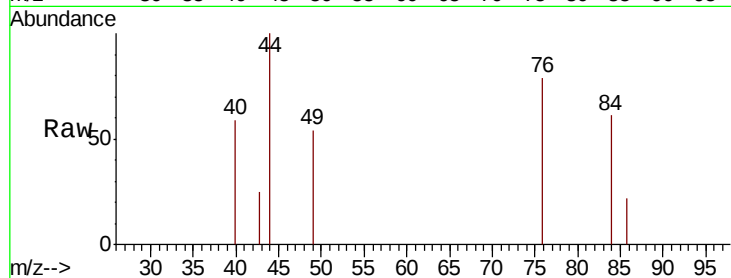




#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

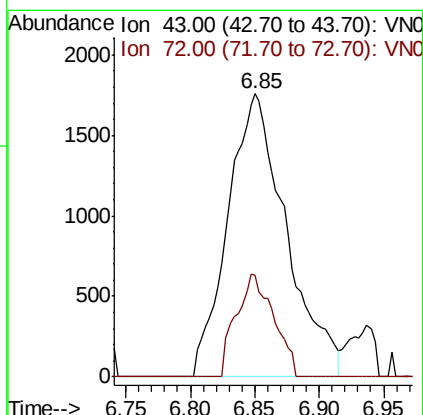
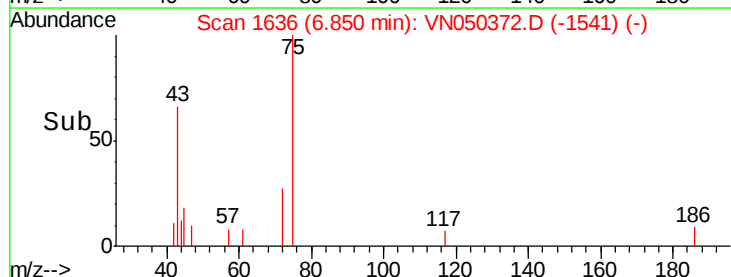
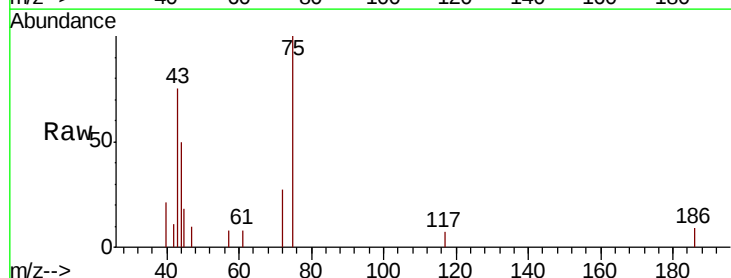
Instrument :
MSVOA_N
ClientSampleId :
MW-07

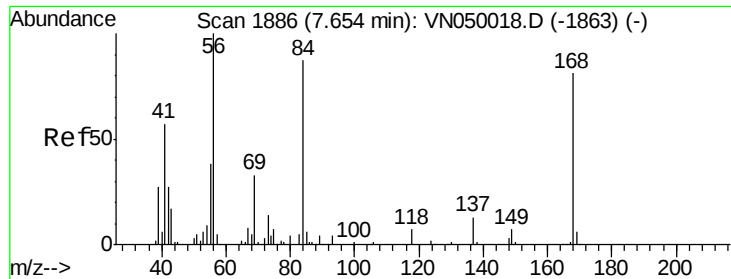
Tot Ion: 84 Resp: 801
Ion Ratio Lower Upper
84 100
49 88.2 94.8 142.2#
51 0.0 28.3 42.5#
86 36.3 51.0 76.6#



#25
2-Butanone
Concen: 1.56 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion: 43 Resp: 5534
Ion Ratio Lower Upper
43 100
72 35.9 21.5 32.3#

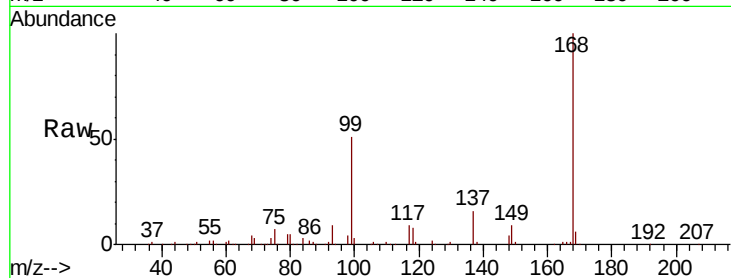




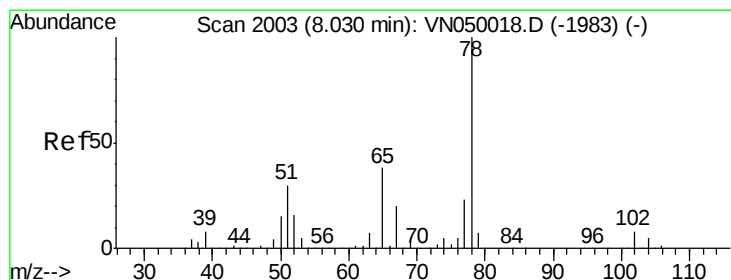
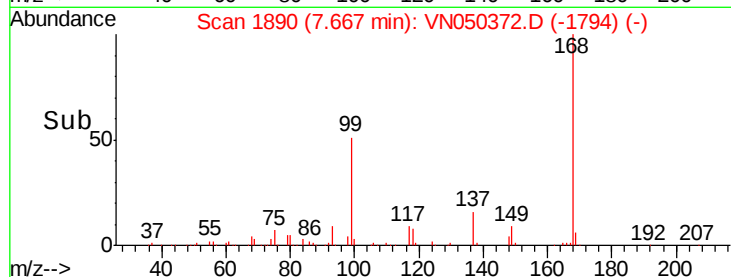
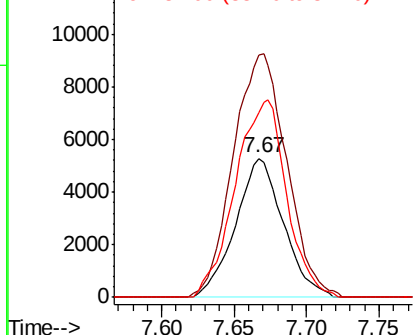
#31
Cyclohexane
Concen: 0.88 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Instrument :
MSVOA_N
ClientSampleId :
MW-07

Tot Ion: 56 Resp: 12115
Ion Ratio Lower Upper
56 100
69 175.0 26.2 39.4#
84 133.2 67.4 101.0#

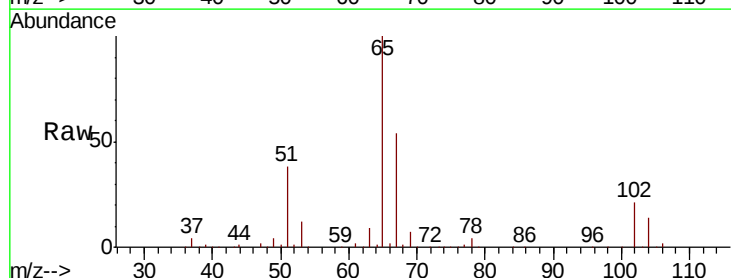


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

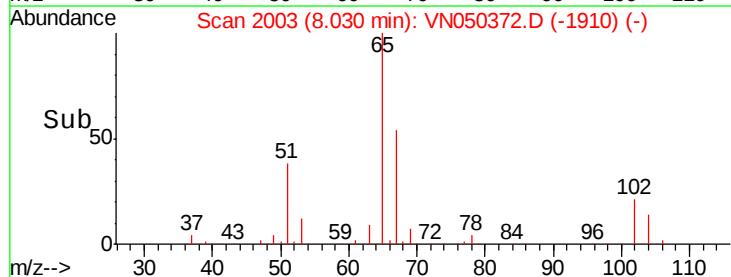
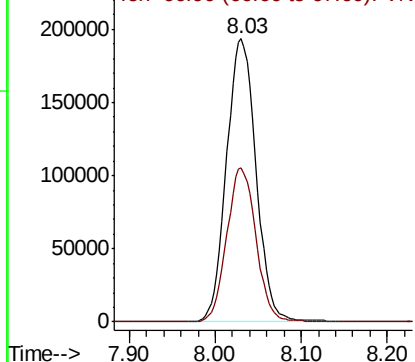


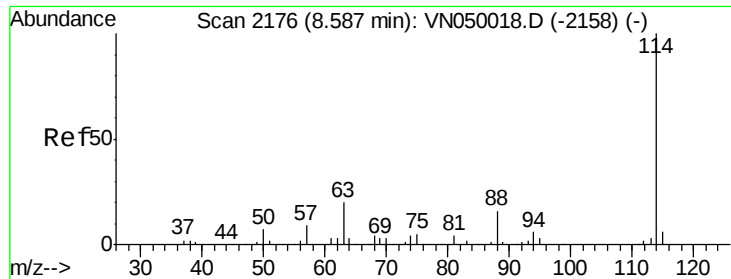
#33
1,2-Dichloroethane-d4
Concen: 49.72 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion: 65 Resp: 462769
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

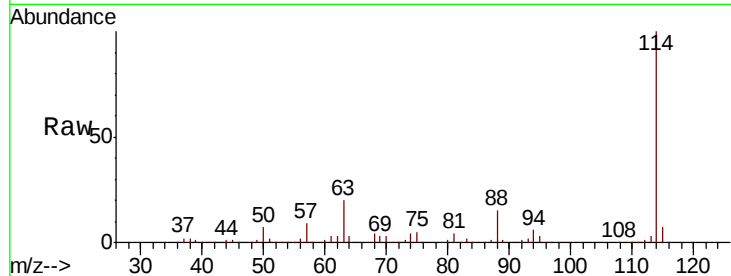




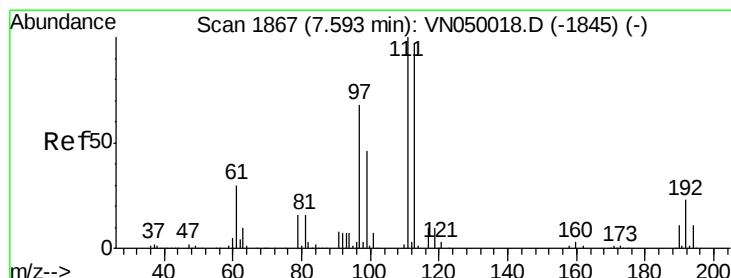
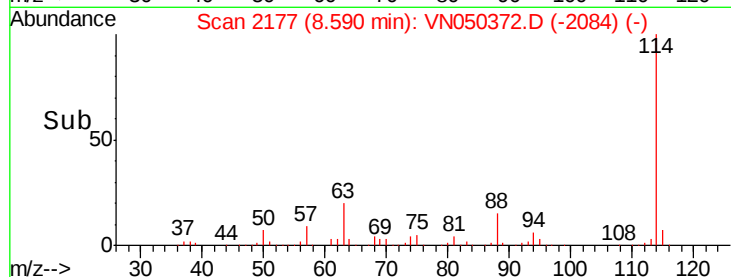
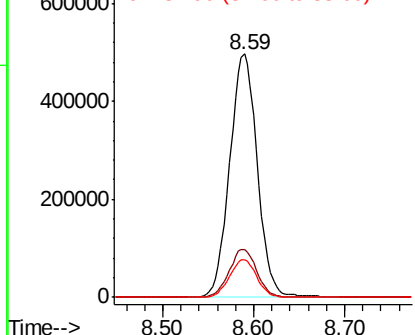
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050372.D
 Acq: 4 Aug 2018 17:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-07

Tot Ion:114 Resp: 1048578
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.5 0.0 31.2

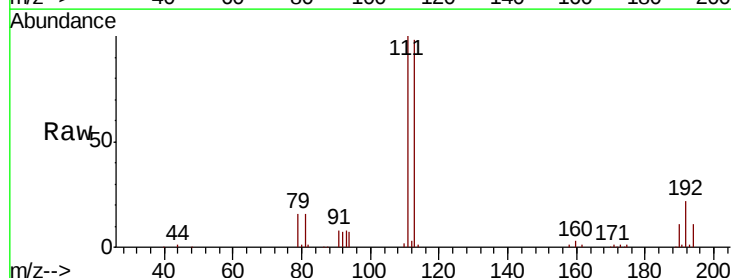


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

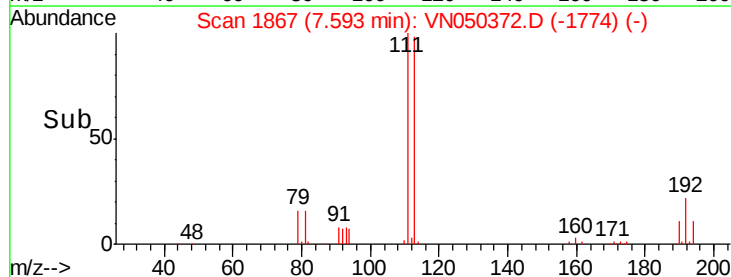
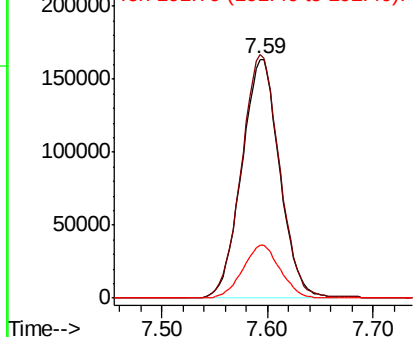


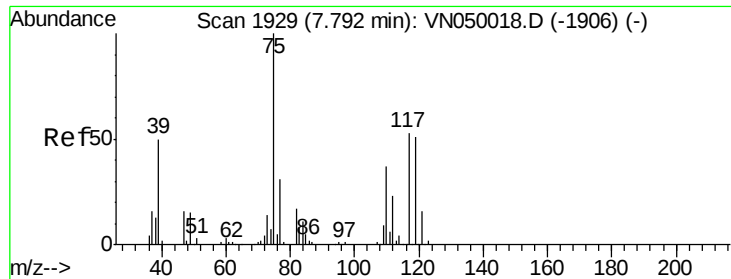
#35
 Dibromofluoromethane
 Concen: 47.75 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050372.D
 Acq: 4 Aug 2018 17:26

Tgt Ion:113 Resp: 408767
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.7 121.1
 192 21.9 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

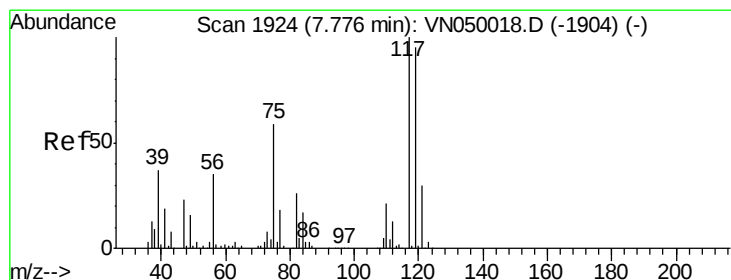
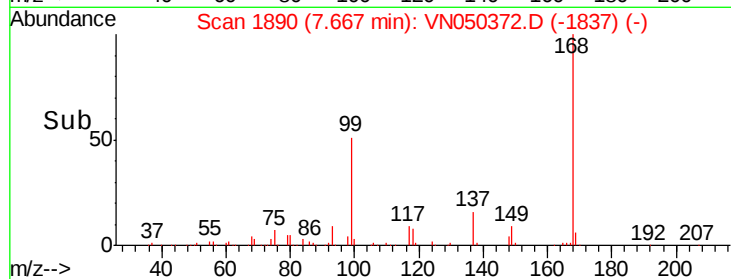
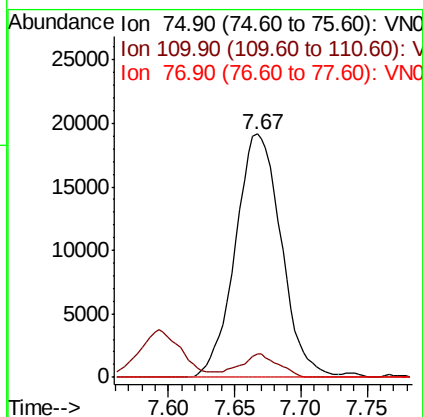
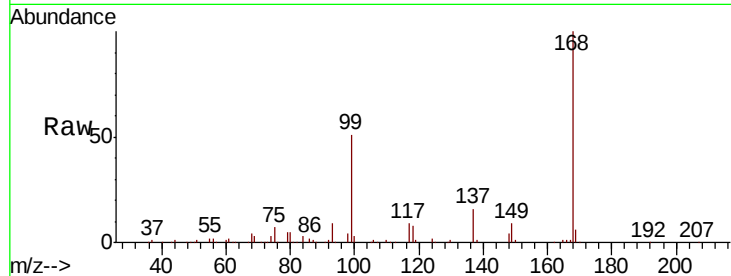




#36
 1,1-Dichloropropene
 Concen: 3.91 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050372.D
 Acq: 4 Aug 2018 17:26

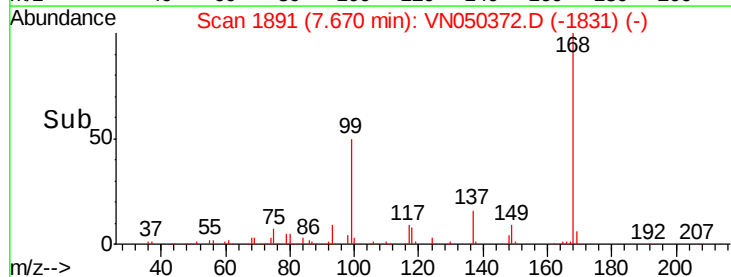
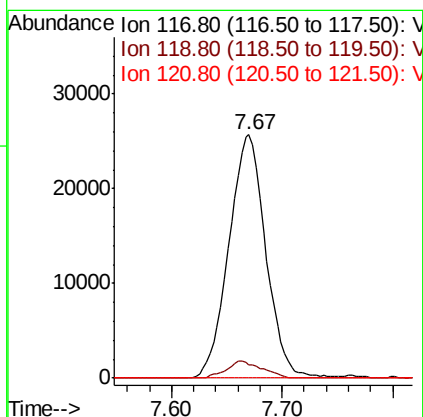
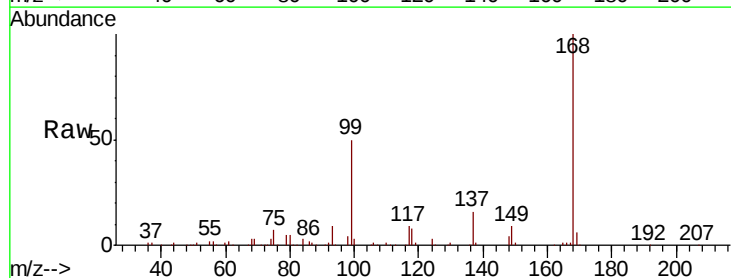
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-07

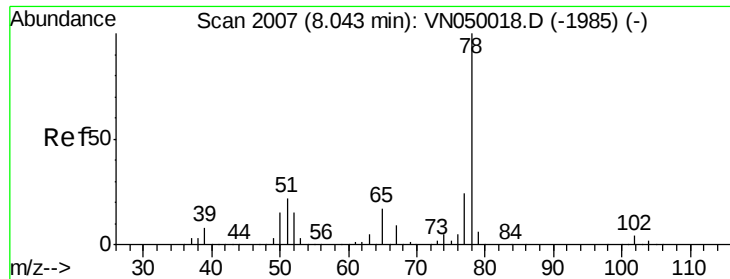
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.75 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050372.D
 Acq: 4 Aug 2018 17:26

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





#40

Benzene

Concen: 0.71 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampled :

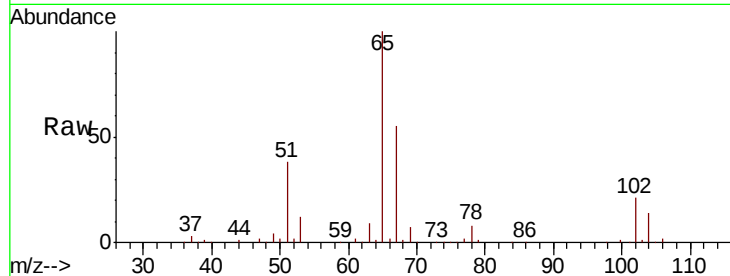
MW-07

Tot Ion: 78 Resp: 25563

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.04

12000

10000

8000

6000

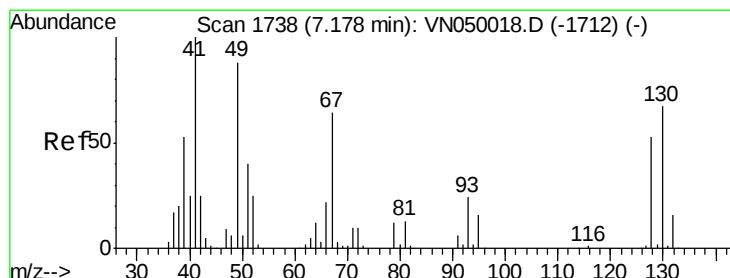
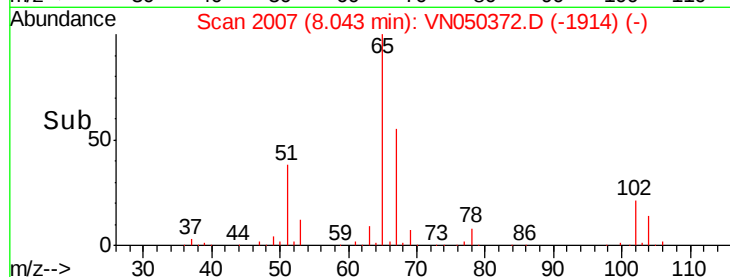
4000

2000

0

Time-->

7.95 8.00 8.05 8.10 8.15



#41

Methacrylonitrile

Concen: 2.77 ug/l

RT: 7.21 min Scan# 1747

Delta R.T. 0.03 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

Tgt Ion: 41 Resp: 76

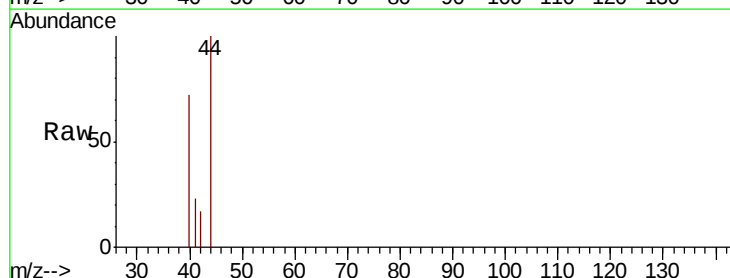
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

7.21

300

250

200

150

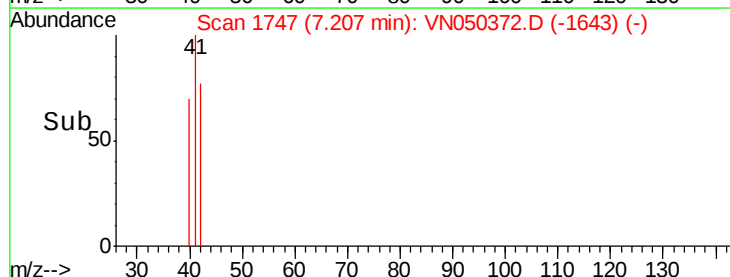
100

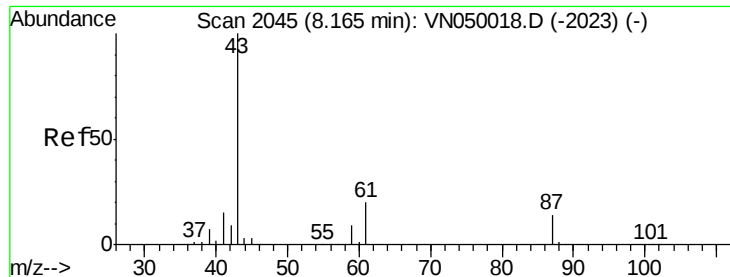
50

0

Time-->

7.20 7.21 7.22





#43

Isopropyl Acetate

Concen: 1.03 ug/l

RT: 8.24 min Scan# 2069

Delta R.T. 0.07 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampleId :

MW-07

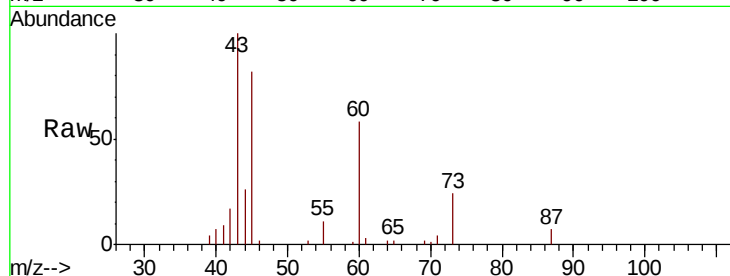
Tot Ion: 43 Resp: 33337

Ion Ratio Lower Upper

43 100

61 1.4 15.8 23.6#

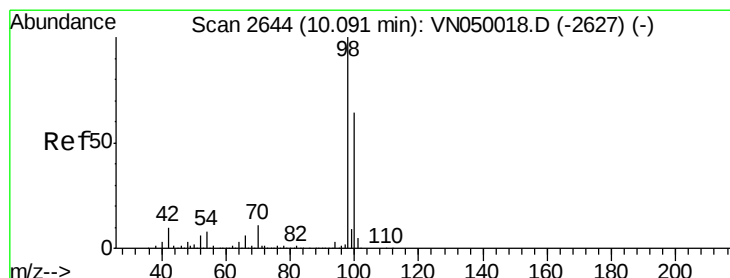
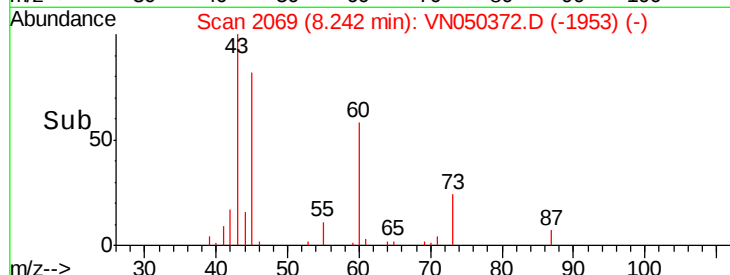
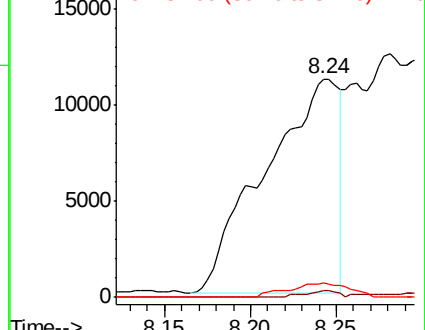
87 5.5 10.3 15.5#



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: 46.75 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050372.D

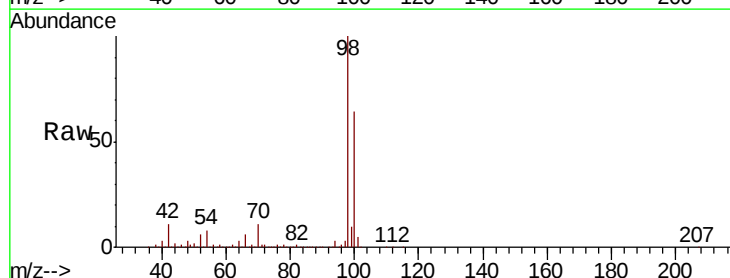
Acq: 4 Aug 2018 17:26

Tgt Ion: 98 Resp: 1471537

Ion Ratio Lower Upper

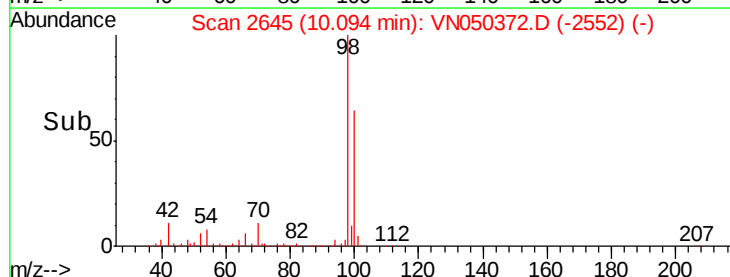
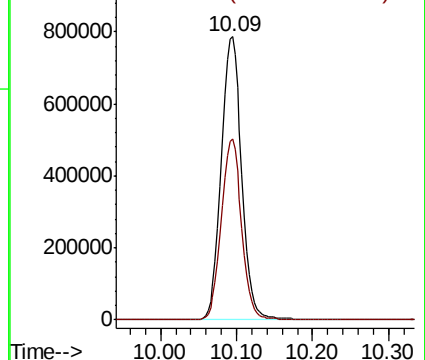
98 100

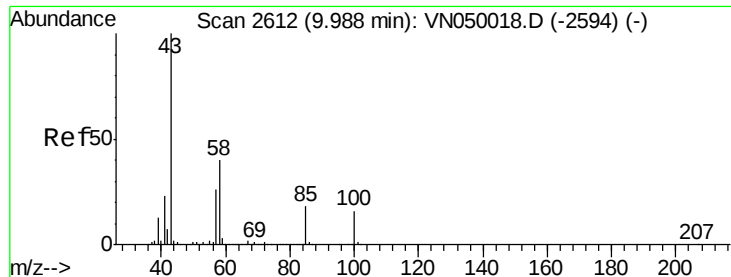
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

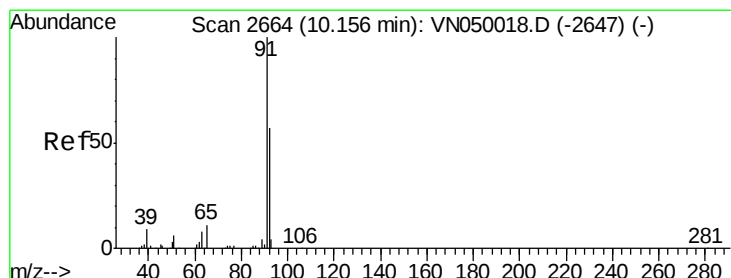
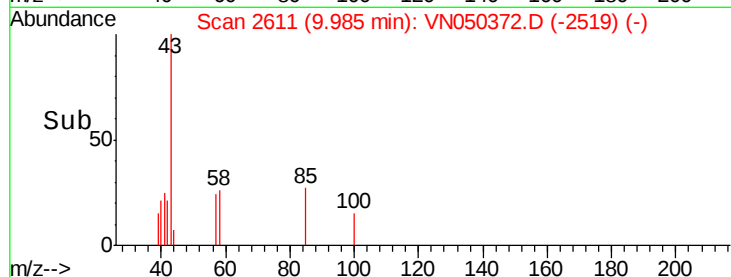
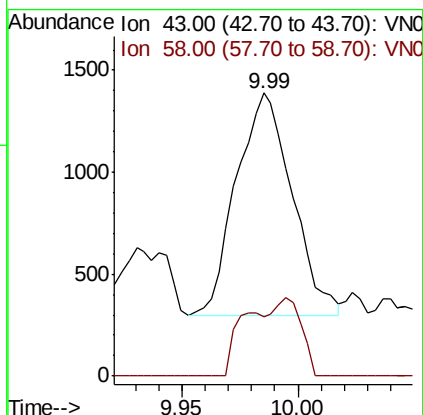
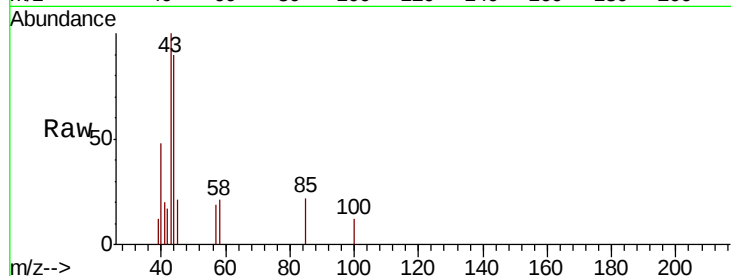




#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

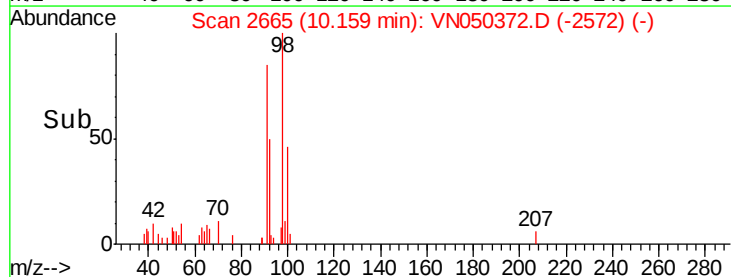
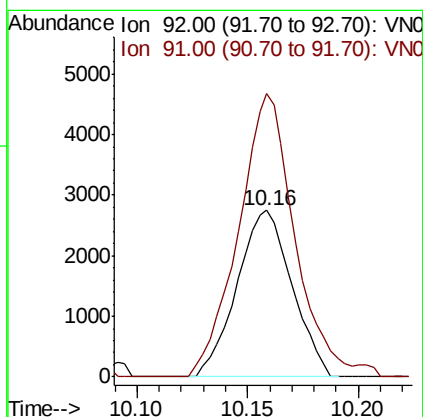
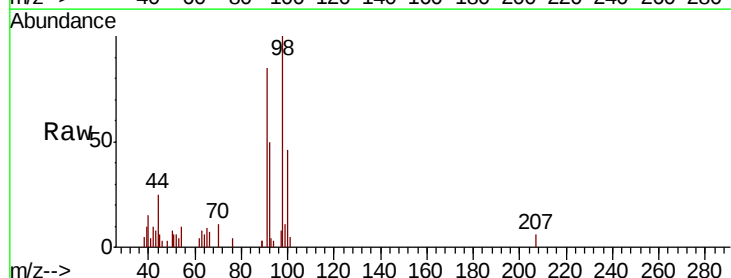
Instrument :
MSVOA_N
ClientSampled :
MW-07

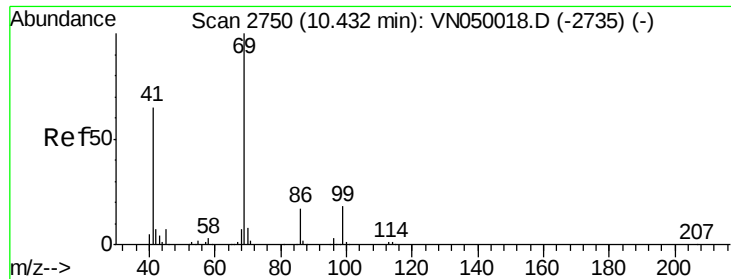
Tot Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
58 0.0 31.9 47.9#



#52
Toluene
Concen: 0.22 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion: 92 Resp: 4736
Ion Ratio Lower Upper
92 100
91 173.4 140.3 210.5





#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.44 min Scan# 2753

Delta R.T. 0.01 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampled :

MW-07

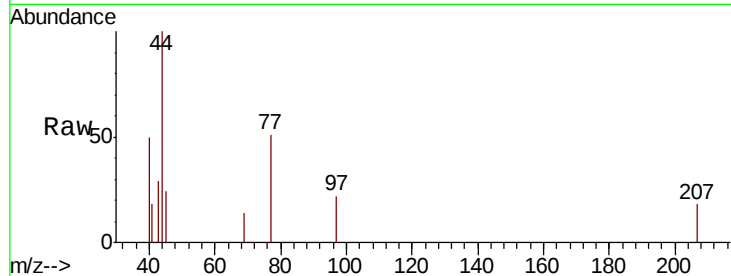
Tot Ion: 69 Resp: 62

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

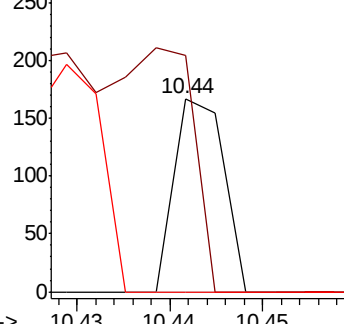
39 164.5 26.6 40.0#



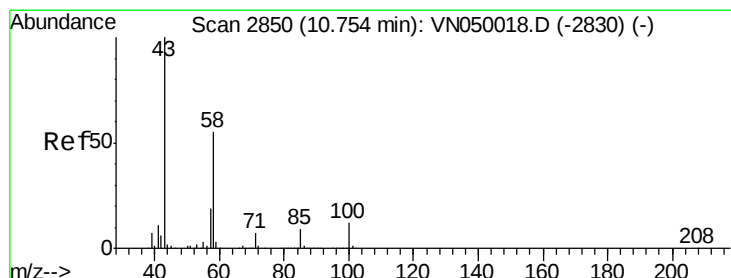
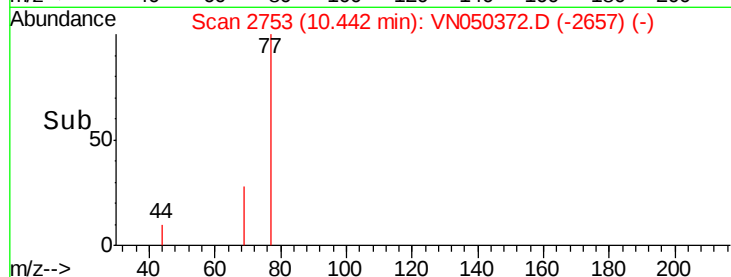
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->



#59

2-Hexanone

Concen: 6.02 ug/l

RT: 10.61 min Scan# 2806

Delta R.T. -0.14 min

Lab File: VN050372.D

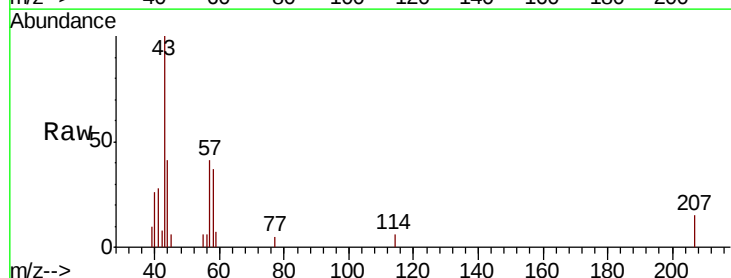
Acq: 4 Aug 2018 17:26

Tgt Ion: 43 Resp: 5117

Ion Ratio Lower Upper

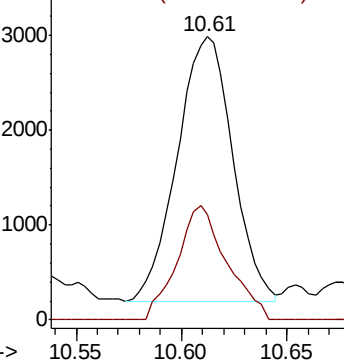
43 100

58 38.4 27.6 82.7

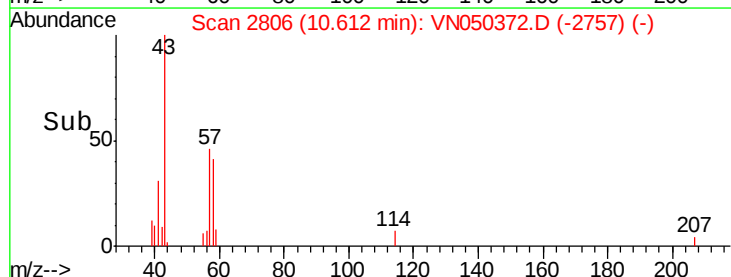


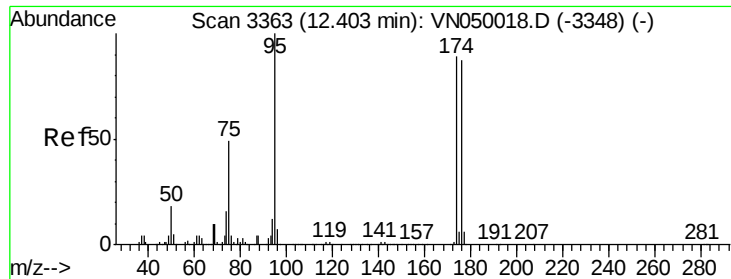
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

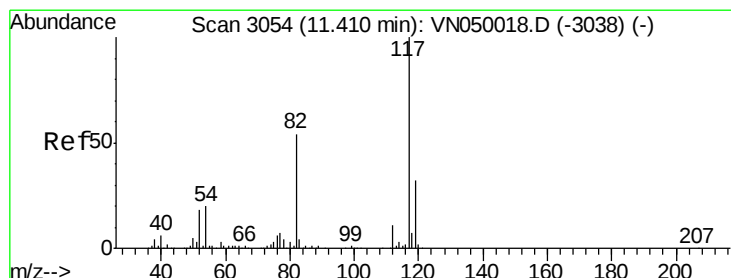
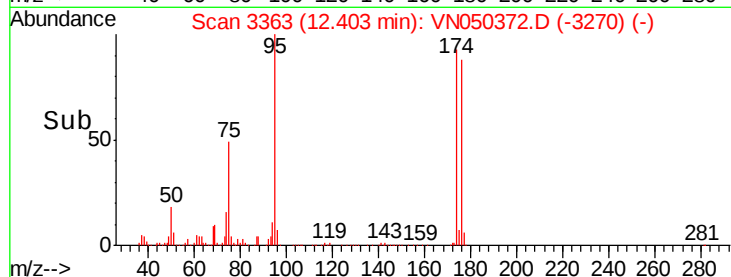
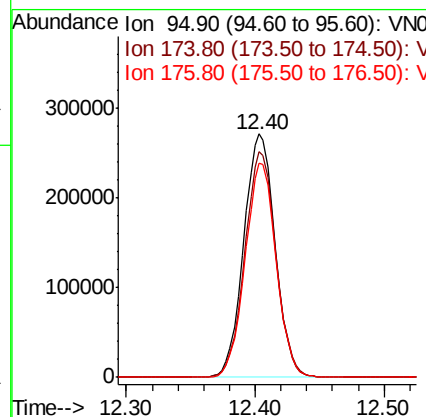
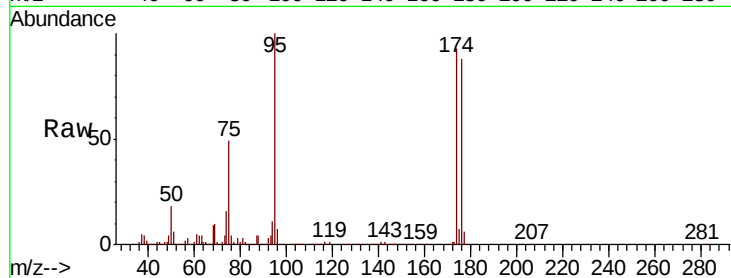




#62
4-Bromofluorobenzene
Concen: 44.15 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

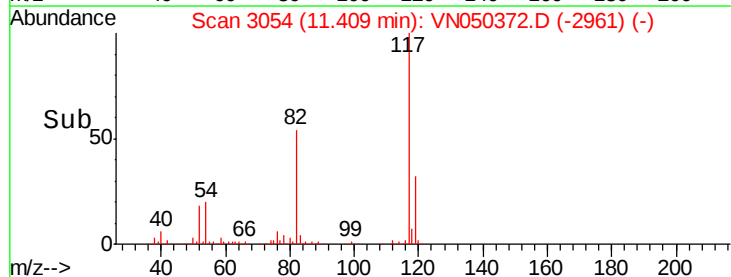
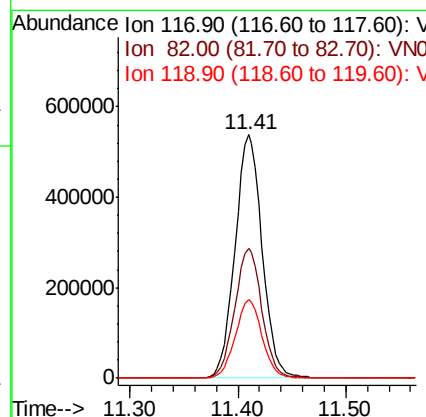
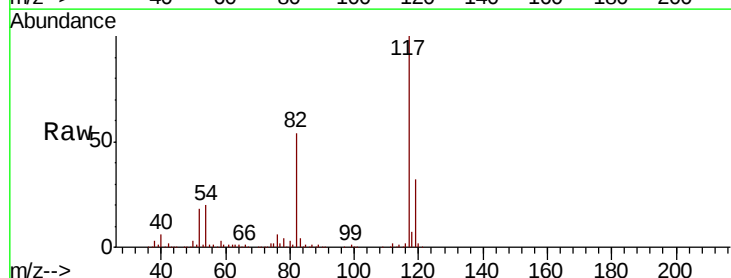
Instrument :
MSVOA_N
ClientSampleId :
MW-07

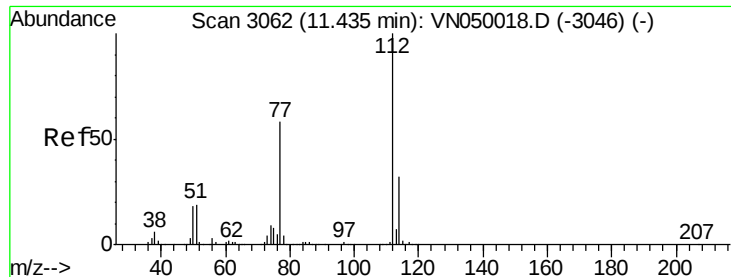
Tot Ion: 95 Resp: 457598
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 87.0 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion: 117 Resp: 942966
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.0 26.1 39.1





#65

Chlorobenzene

Concen: 9.86 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampled :

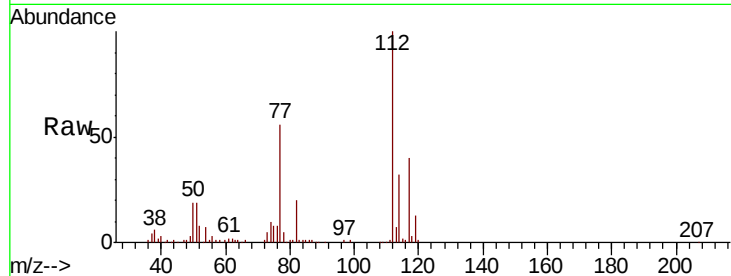
MW-07

Tot Ion:112 Resp: 234879

Ion Ratio Lower Upper

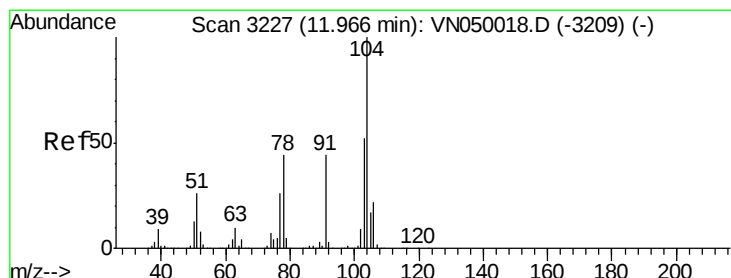
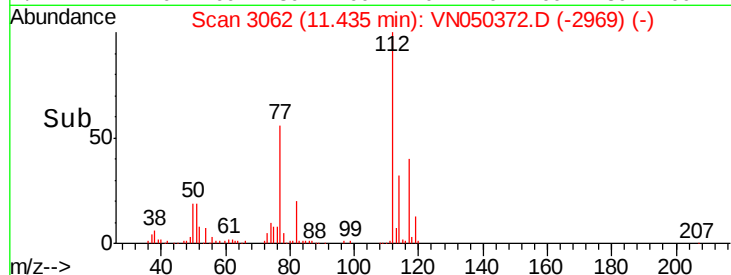
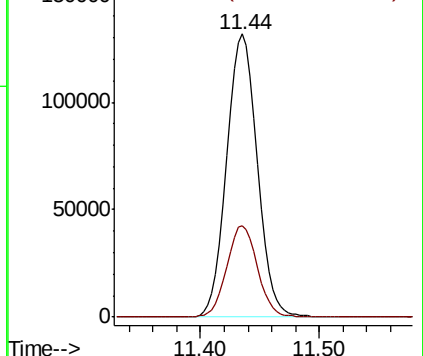
112 100

114 32.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#70

Styrene

Concen: 0.92 ug/l

RT: 11.96 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

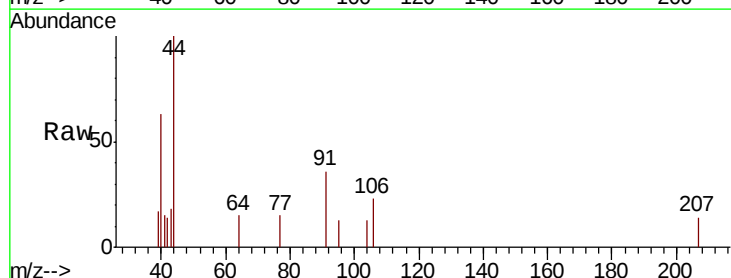
Tgt Ion:104 Resp: 29

Ion Ratio Lower Upper

104 100

78 0.0 39.3 58.9#

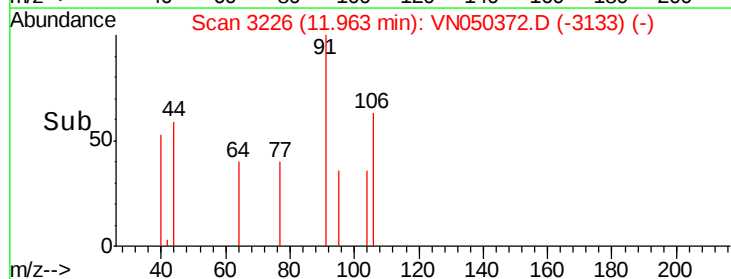
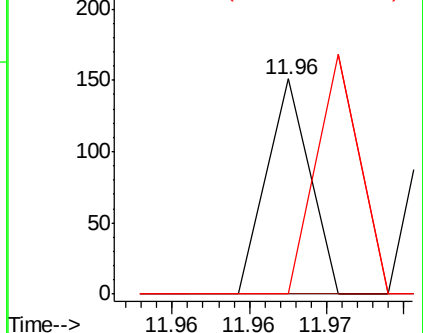
103 110.3 45.0 67.6#

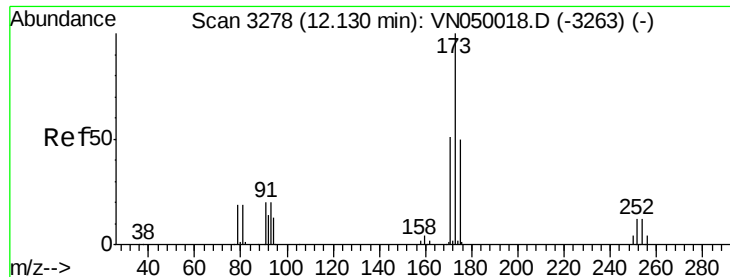


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.52 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050372.D

Acq: 4 Aug 2018 17:26

Instrument :

MSVOA_N

ClientSampled :

MW-07

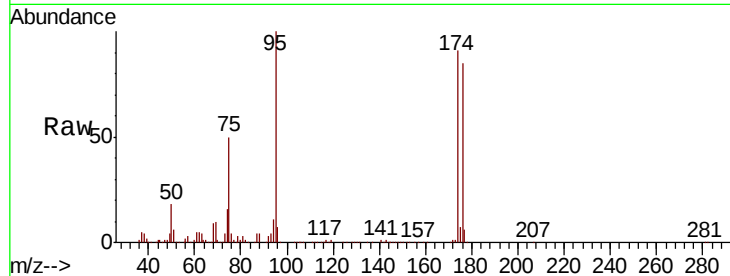
Tot Ion:173 Resp: 3451

Ion Ratio Lower Upper

173 100

175 804.5 24.1 72.2#

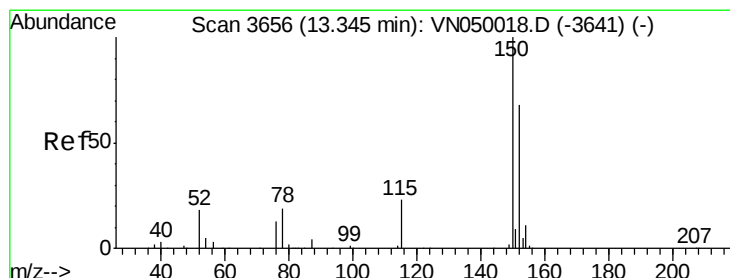
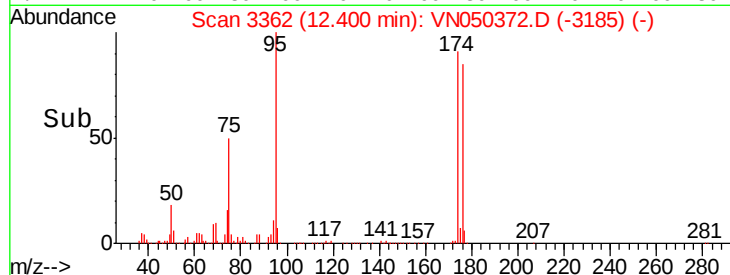
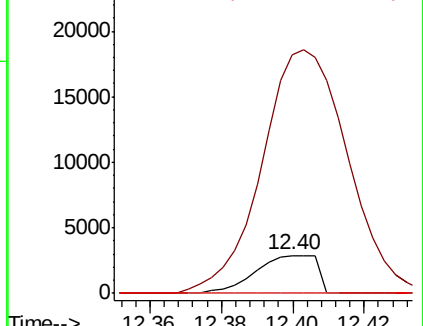
254 0.0 0.2 0.2#



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: VN050372.D

Acq: 4 Aug 2018 17:26

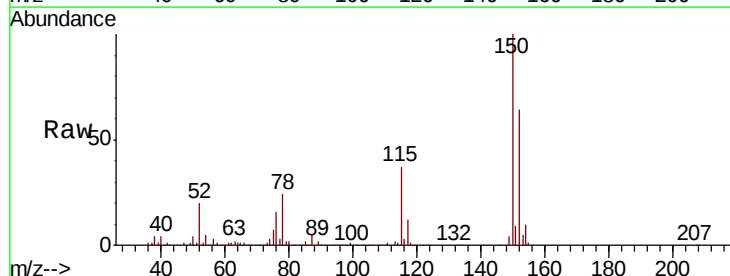
Tgt Ion:152 Resp: 411687

Ion Ratio Lower Upper

152 100

115 56.8 27.8 83.3

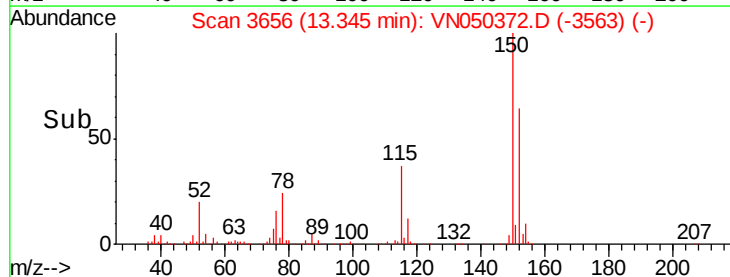
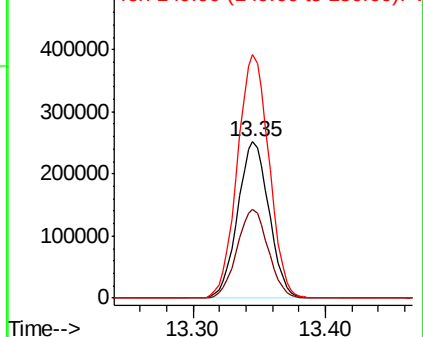
150 157.7 0.0 348.6

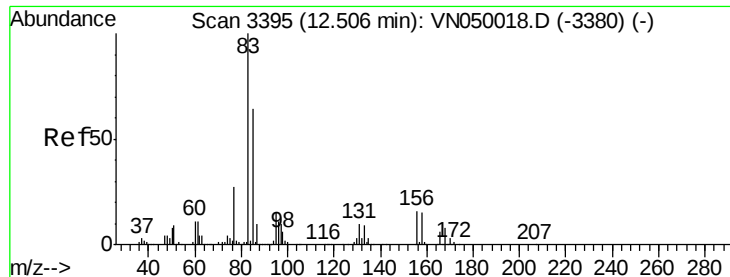


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

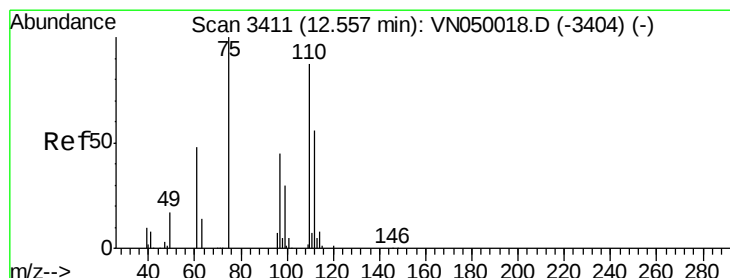
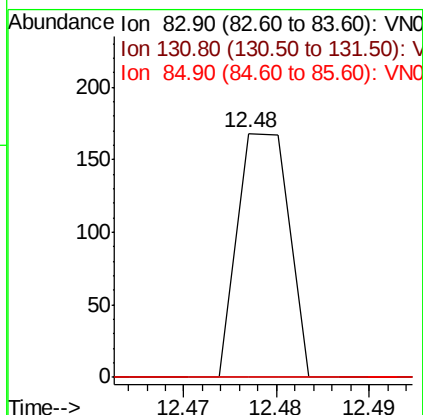
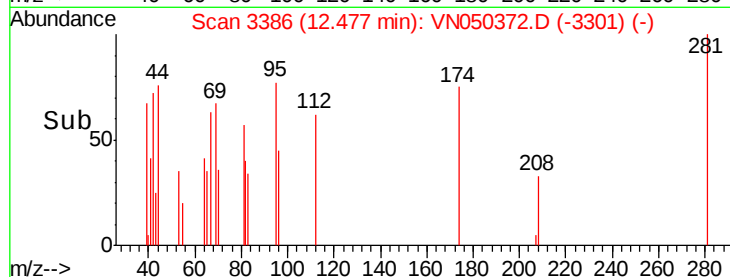
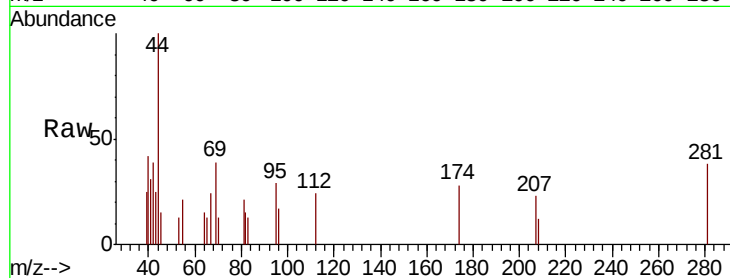




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.48 min Scan# 3386
 Delta R.T. -0.03 min
 Lab File: VN050372.D
 Acq: 4 Aug 2018 17:26

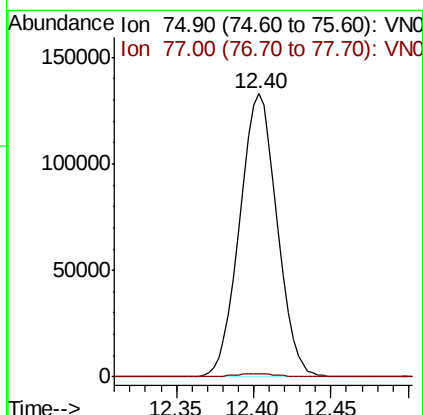
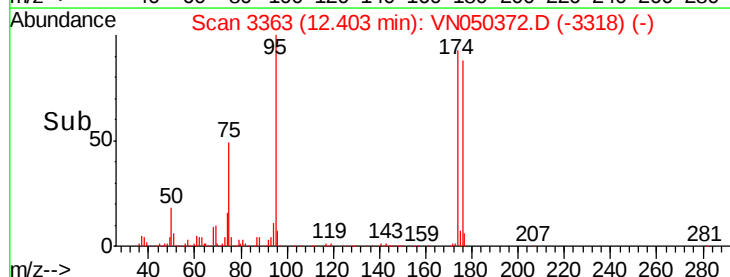
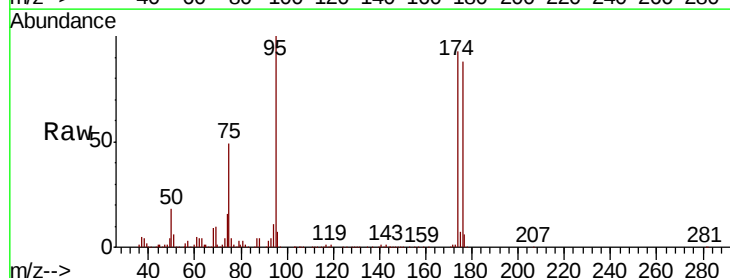
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-07

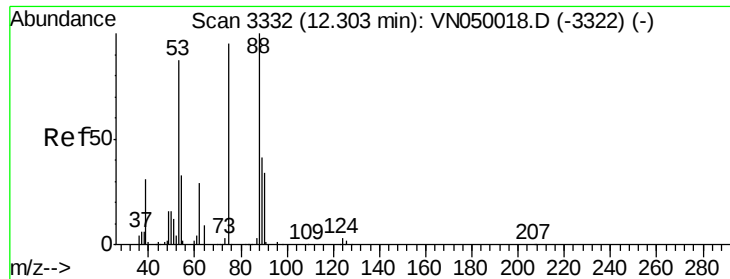
Tot Ion: 83 Resp: 65
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.3#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 29.25 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN050372.D
 Acq: 4 Aug 2018 17:26

Tgt Ion: 75 Resp: 223778
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

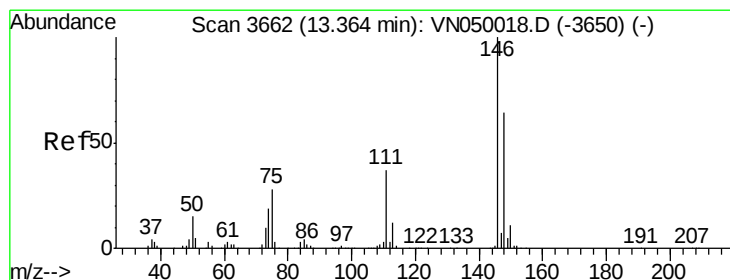
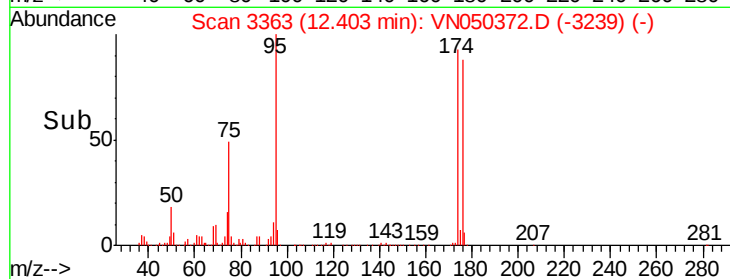
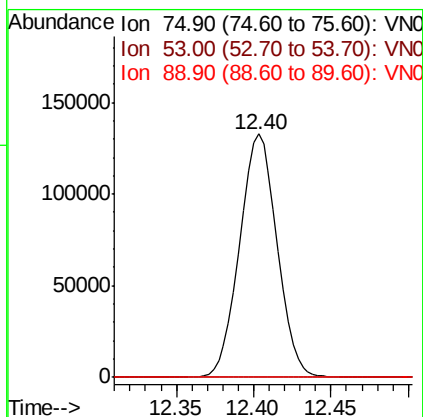
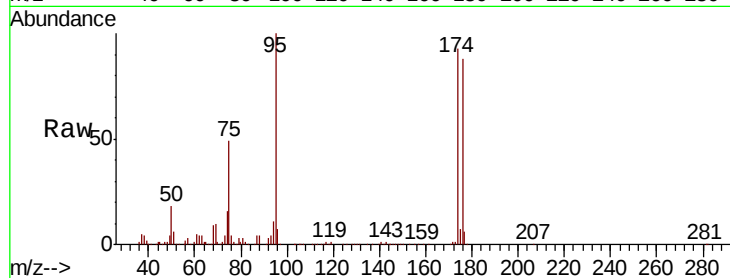




#81
trans-1,4-Dichloro-2-butene
Concen: 92.77 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

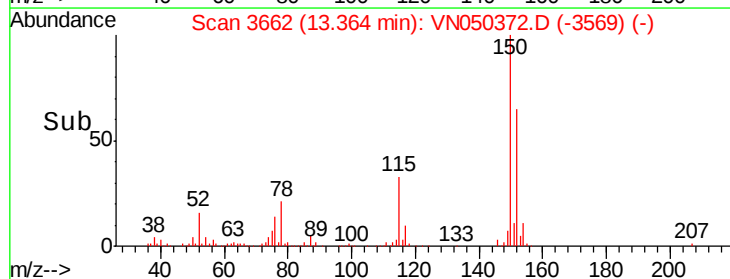
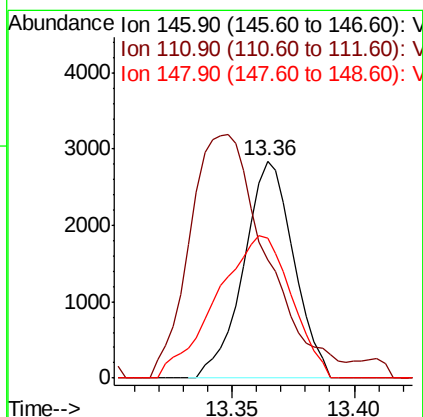
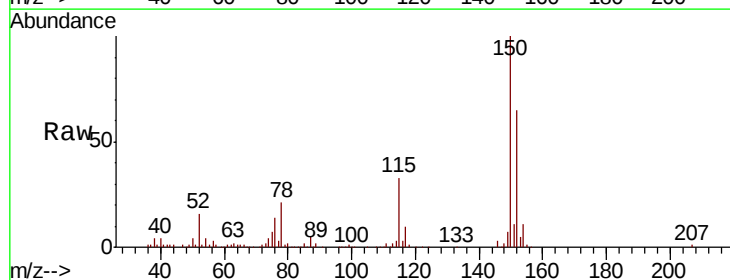
Instrument :
MSVOA_N
ClientSampleId :
MW-07

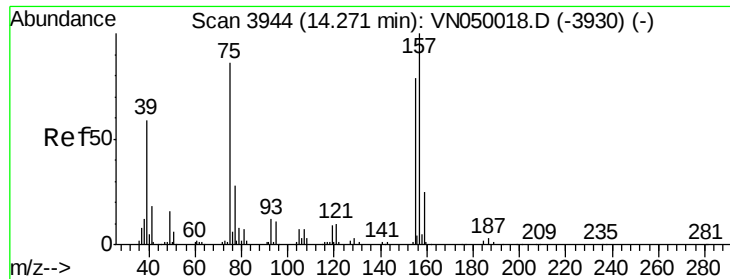
Tot Ion: 75 Resp: 223778
Ion Ratio Lower Upper
75 100
53 0.3 73.5 110.3#
89 0.0 36.0 54.0#



#88
1,4-Dichlorobenzene
Concen: 0.28 ug/l
RT: 13.36 min Scan# 3662
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion: 146 Resp: 4024
Ion Ratio Lower Upper
146 100
111 174.2 18.3 54.9#
148 98.6 31.9 95.9#

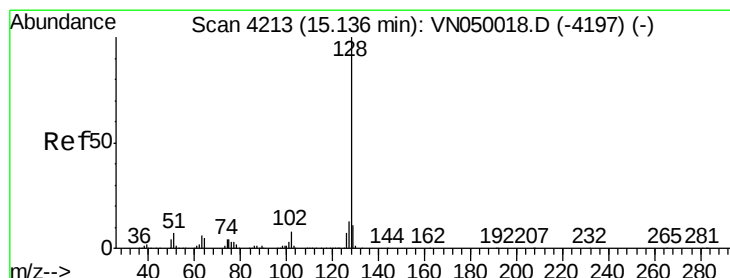
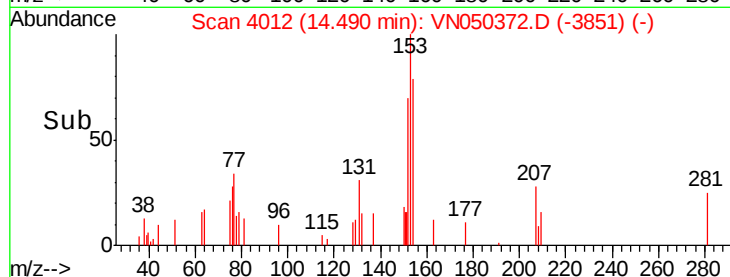
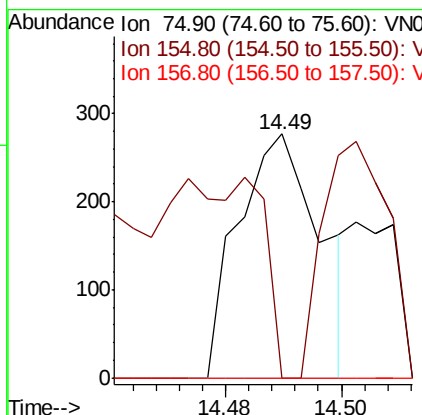
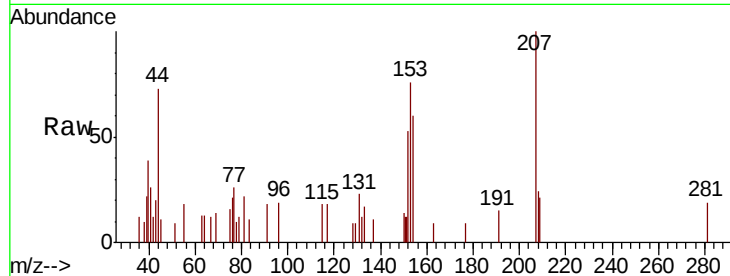




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.49 min Scan# 4012
 Delta R.T. 0.22 min
 Lab File: VN050372.D
 Acq: 4 Aug 2018 17:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-07

Tot Ion: 75 Resp: 271
 Ion Ratio Lower Upper
 75 100
 155 89.7 44.8 134.4
 157 0.0 57.2 171.6#



#95
 Naphthalene
 Concen: 4.66 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050372.D
 Acq: 4 Aug 2018 17:26

Tgt Ion:128 Resp: 5054
 Ion Ratio Lower Upper
 128 100
 127 11.8 10.4 15.6
 129 9.2 8.8 13.2

