

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050652.D
 Acq On : 15 Aug 2018 13:59
 Operator : MD\SY
 Sample : J4465-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 941-MW-02(23.8)

Quant Time: Aug 16 01:28:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	957998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319867	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	408899	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	7.59	113	384814	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	10.09	98	1363861	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.40	95	390341	41.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.10%	

Target Compounds

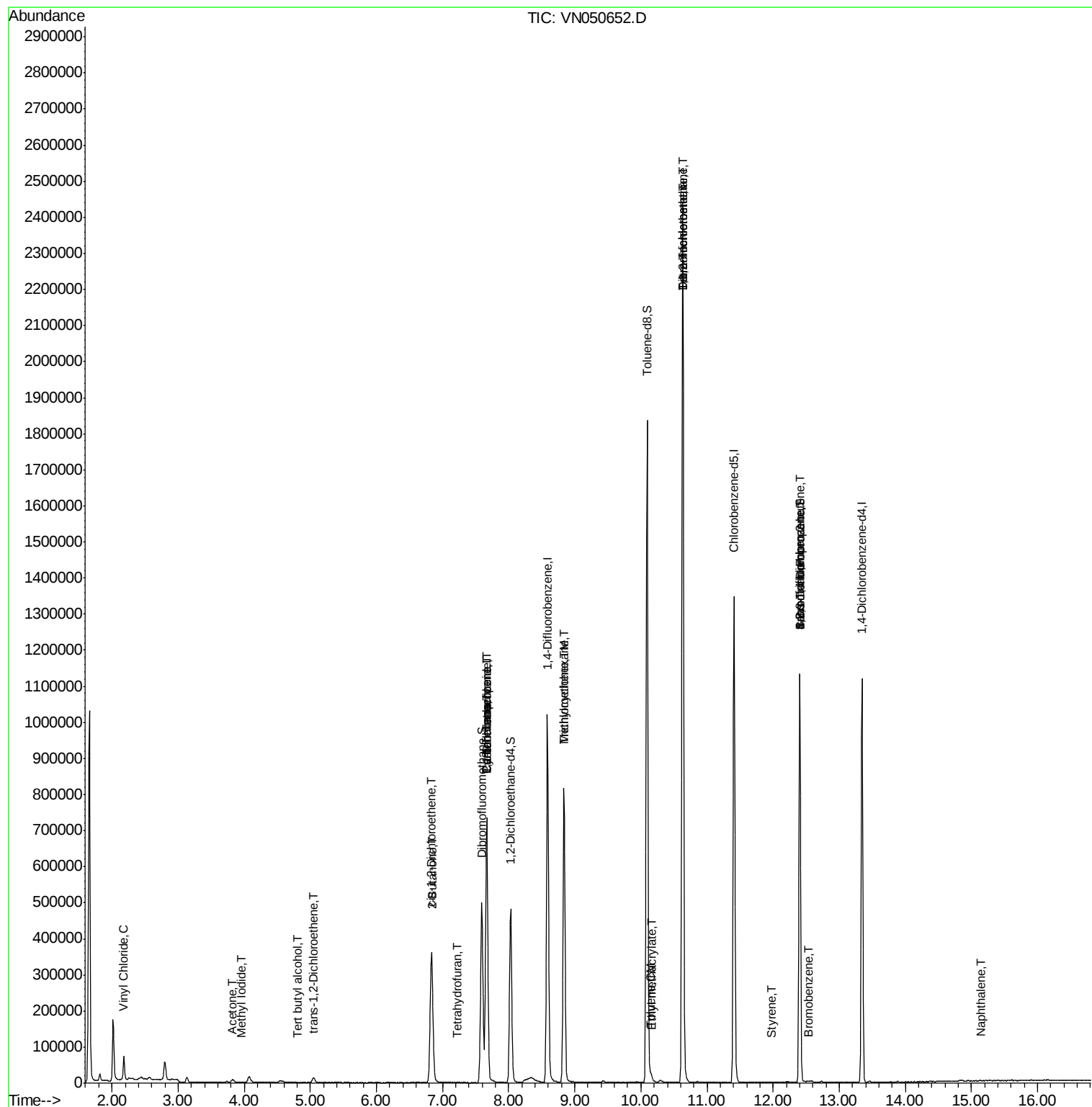
						Qvalue
3) Chloromethane	2.06	50	2713	Below Cal		98
4) Vinyl Chloride	2.18	62	9882	1.04 ug/l		94
5) Bromomethane	2.57	94	3260	Below Cal		95
6) Chloroethane	2.72	64	170	Below Cal	#	43
10) Methyl Iodide	3.97	142	755	7.07 ug/l	#	76
11) Tert butyl alcohol	4.81	59	99	0.23 ug/l	#	72
13) Acrolein	3.80	56	79	Below Cal	#	14
16) Acetone	3.83	43	16916	7.09 ug/l		97
18) Methyl Acetate	4.33	43	1311	Below Cal	#	67
20) Methylene Chloride	4.55	84	2808	Below Cal	#	81
21) trans-1,2-Dichloroethene	5.05	96	8563	1.15 ug/l		96
25) 2-Butanone	6.85	43	1475	0.45 ug/l	#	86
27) cis-1,2-Dichloroethene	6.83	96	255963	30.91 ug/l		92
29) Tetrahydrofuran	7.21	42	415	0.24 ug/l	#	33
31) Cyclohexane	7.67	56	13646	0.79 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	42262	3.96 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	56033	5.06 ug/l	#	16
39) Methylcyclohexane	8.83	83	3884	0.35 ug/l	#	1
44) Trichloroethene	8.84	130	320094	36.83 ug/l		100
52) Toluene	10.16	92	3888	0.20 ug/l		94
55) 1,1,2-Trichloroethane	10.63	97	4547	0.63 ug/l	#	1
56) Ethyl methacrylate	10.17	69	29	1.91 ug/l	#	1
60) Dibromochloromethane	10.63	129	537536	67.30 ug/l	#	11
64) Tetrachloroethene	10.63	164	624177	79.39 ug/l		100
70) Styrene	11.97	104	29	0.94 ug/l	#	26
71) Bromoform	12.40	173	1318	0.25 ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.42	83	191	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	183383	35.18 ug/l	#	100
77) Bromobenzene	12.53	156	1371	0.20 ug/l	#	1
81) trans-1,4-Dichloro-2-buten	12.40	75	183383	127.46 ug/l	#	13
95) Naphthalene	15.14	128	2287	4.03 ug/l	#	93

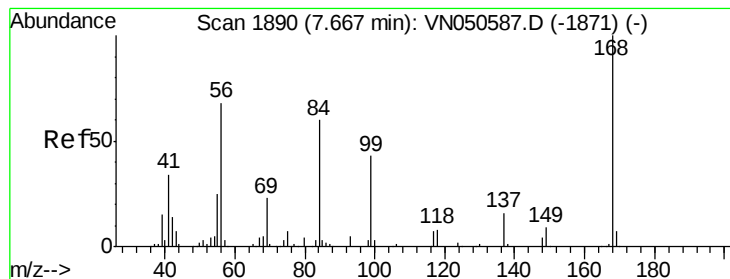
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

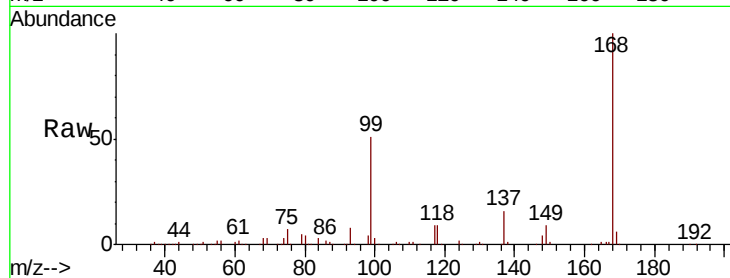
941-MW-02(23.8)

Tot Ion:168 Resp: 632097

Ion Ratio Lower Upper

168 100

99 50.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

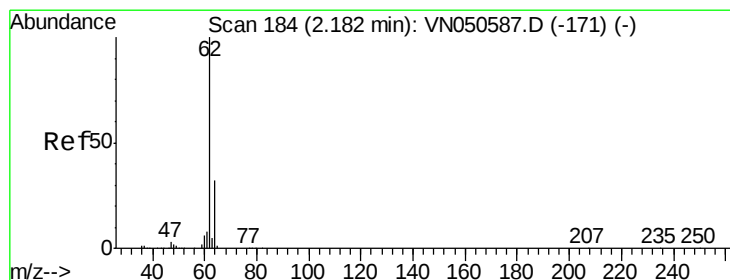
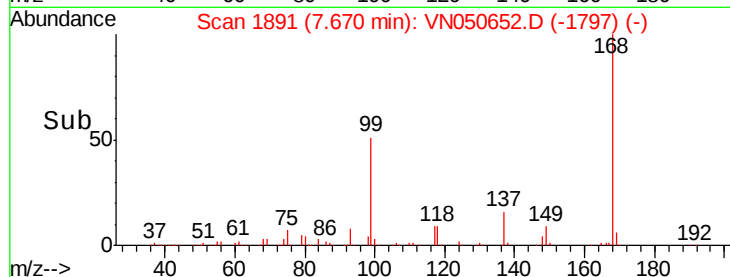
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.04 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050652.D

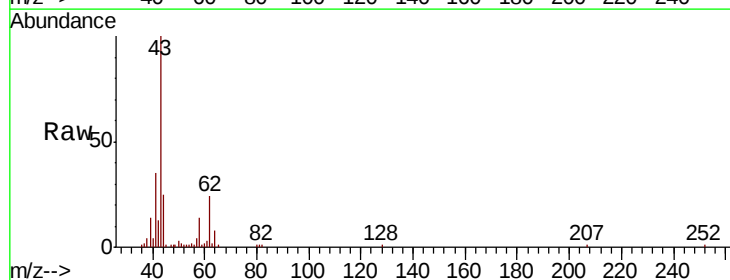
Acq: 15 Aug 2018 13:59

Tgt Ion: 62 Resp: 9882

Ion Ratio Lower Upper

62 100

64 34.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

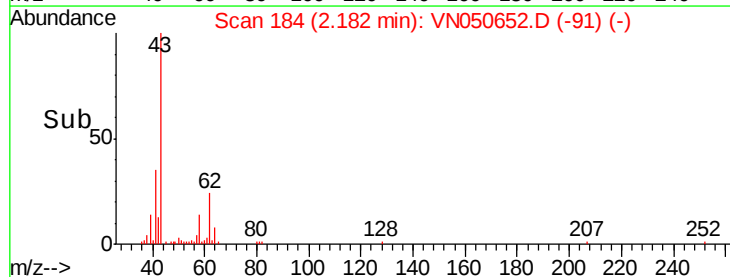
6000

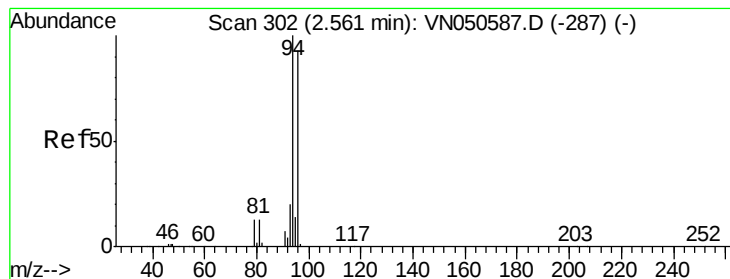
4000

2000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

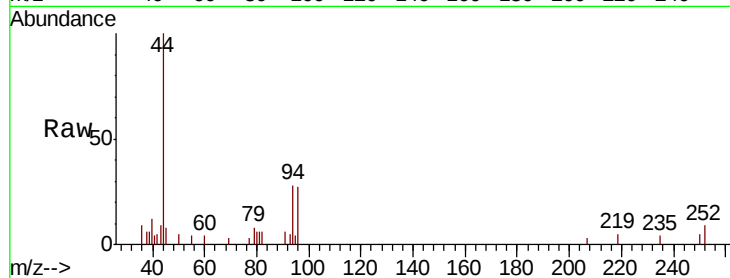
941-MW-02(23.8)

Tot Ion: 94 Resp: 3260

Ion Ratio Lower Upper

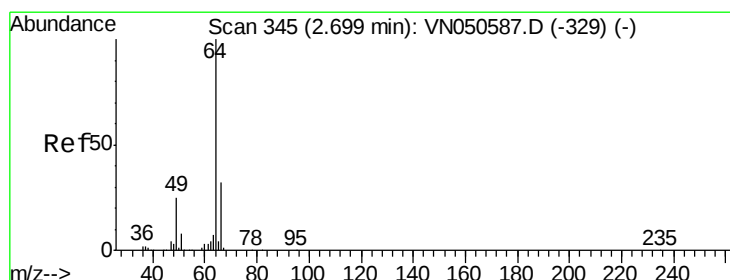
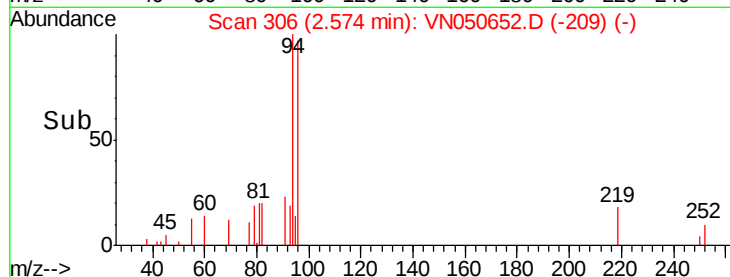
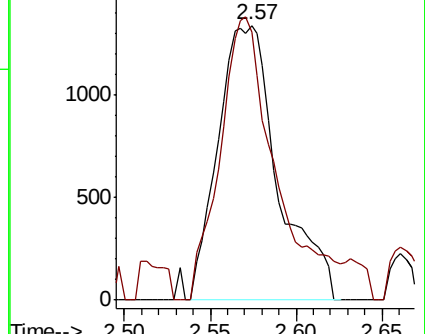
94 100

96 97.4 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: Below Cal

RT: 2.72 min Scan# 351

Delta R.T. 0.02 min

Lab File: VN050652.D

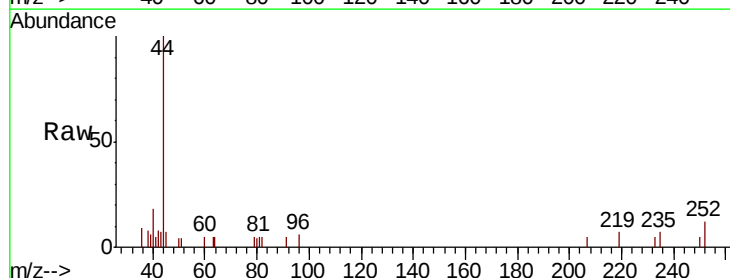
Acq: 15 Aug 2018 13:59

Tgt Ion: 64 Resp: 170

Ion Ratio Lower Upper

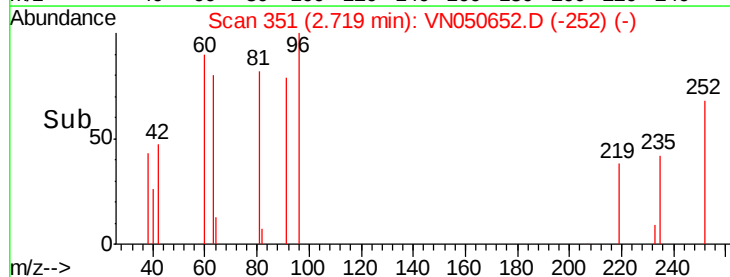
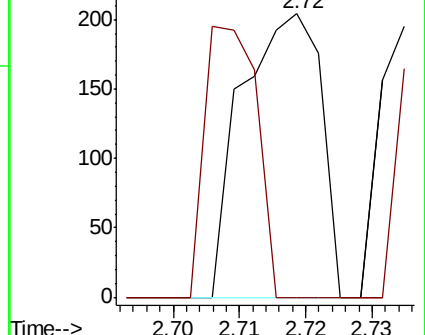
64 100

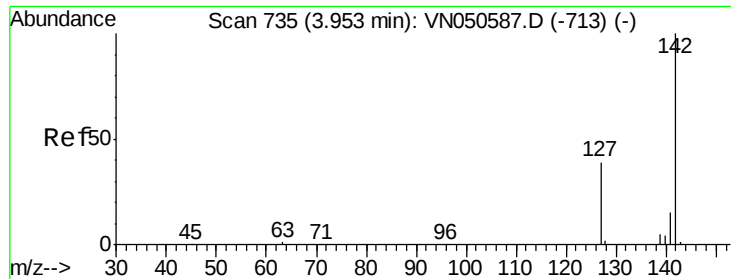
66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

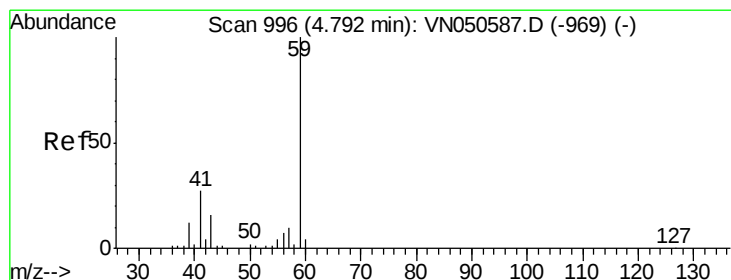
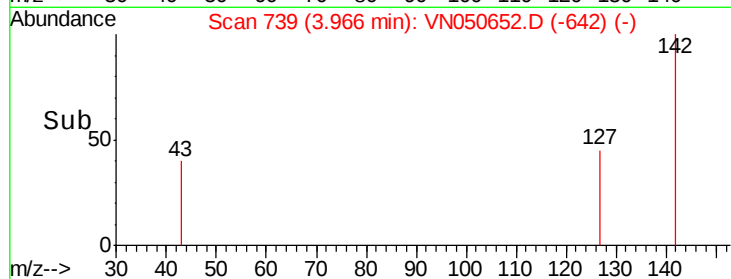
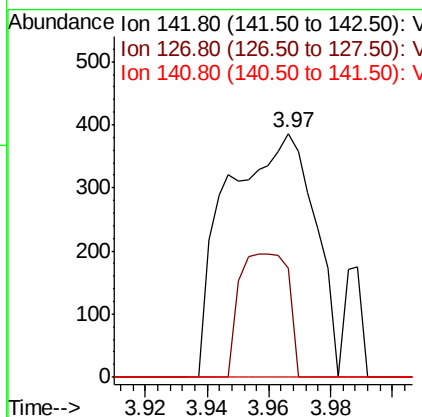
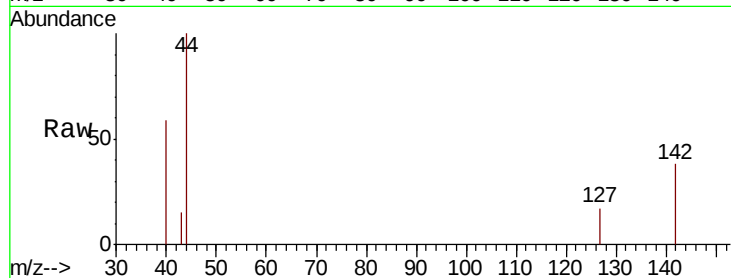




#10
Methvl Iodide
Concen: 7.07 ug/l
RT: 3.97 min Scan# 739
Delta R.T. 0.01 min
Lab File: VN050652.D
Acq: 15 Aug 2018 13:59

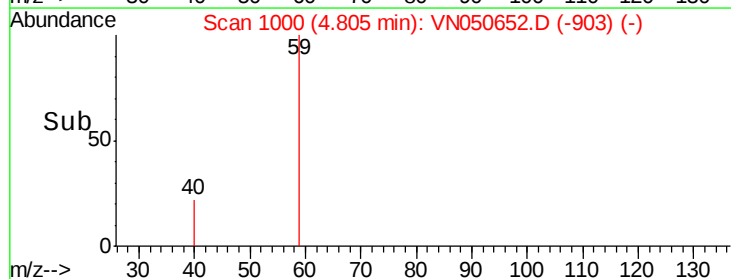
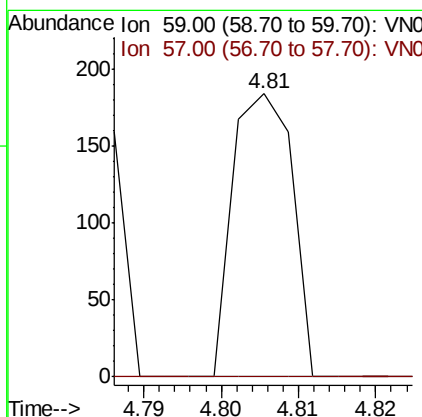
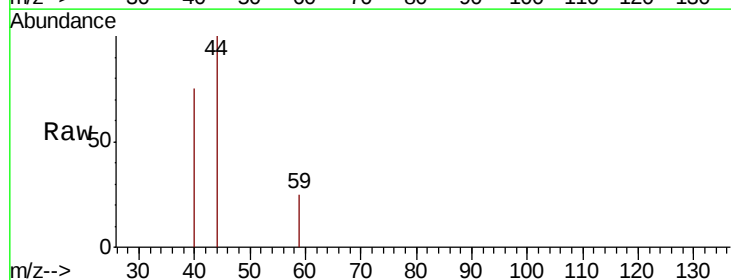
Instrument :
MSVOA_N
ClientSampleId :
941-MW-02(23.8)

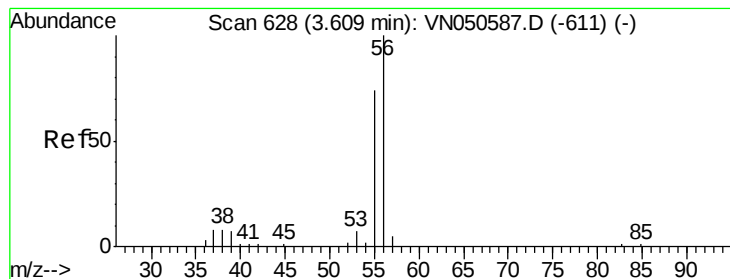
Tot Ion:142 Resp: 755
Ion Ratio Lower Upper
142 100
127 28.1 32.6 49.0#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VN050652.D
Acq: 15 Aug 2018 13:59

Tgt Ion: 59 Resp: 99
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#13

Acrolein

Concen: Below Cal

RT: 3.80 min Scan# 688

Delta R.T. 0.19 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

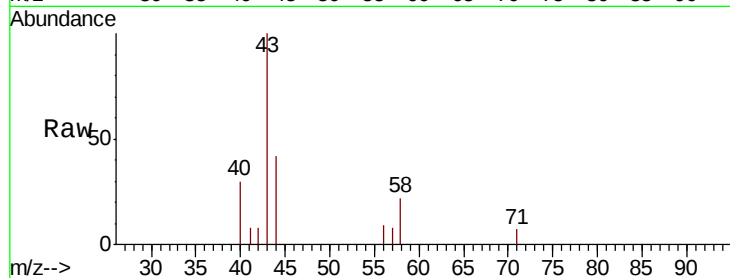
941-MW-02(23.8)

Tot Ion: 56 Resp: 79

Ion Ratio Lower Upper

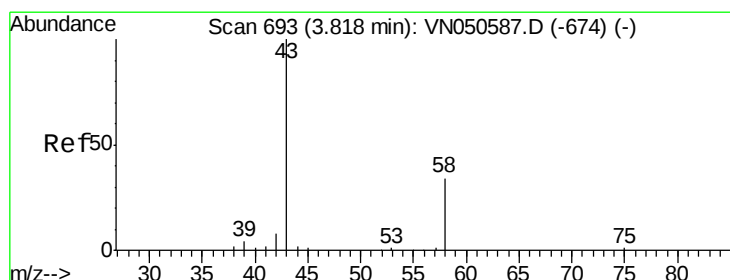
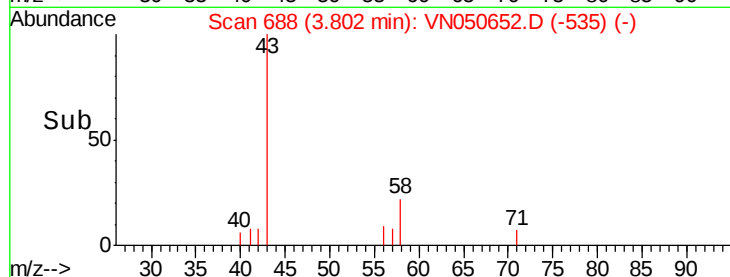
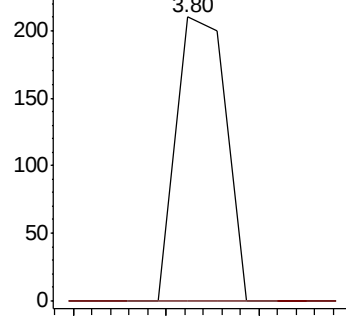
56 100

55 0.0 56.3 84.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 7.09 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050652.D

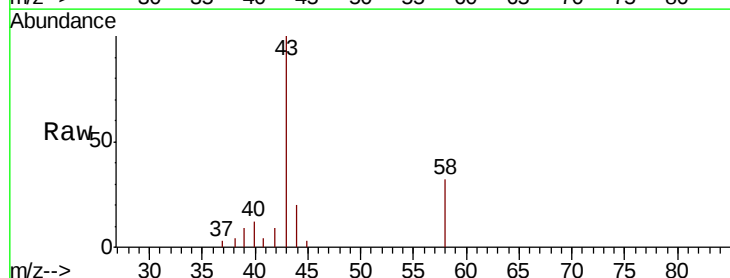
Acq: 15 Aug 2018 13:59

Tgt Ion: 43 Resp: 16916

Ion Ratio Lower Upper

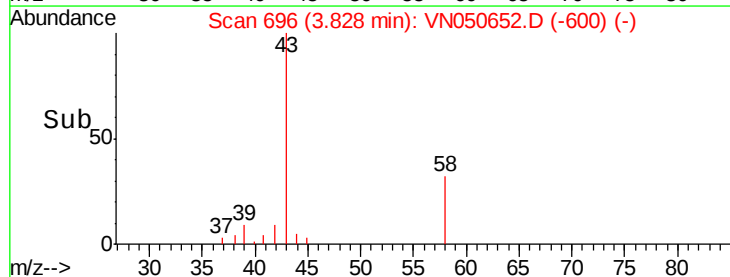
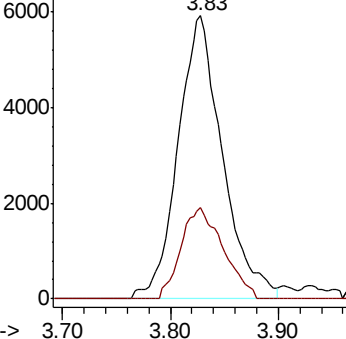
43 100

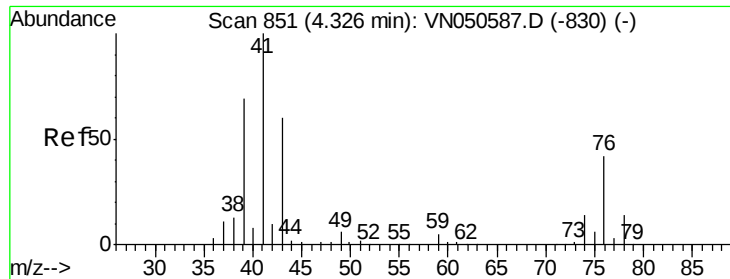
58 32.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

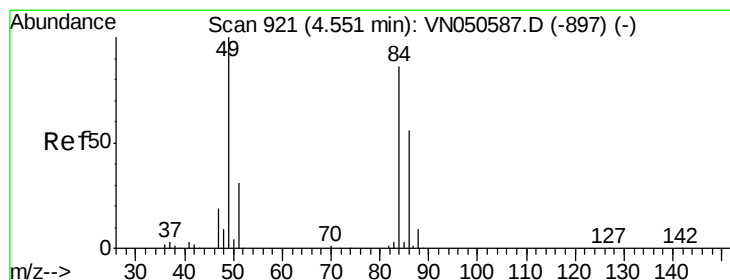
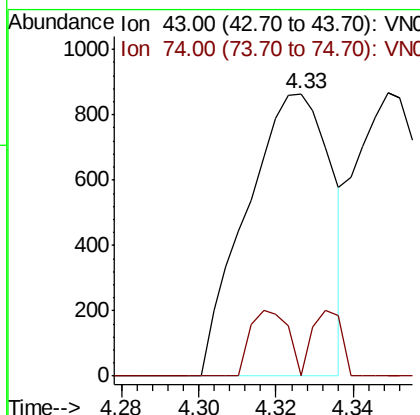
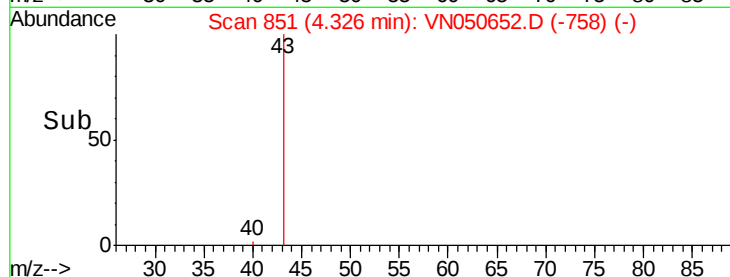
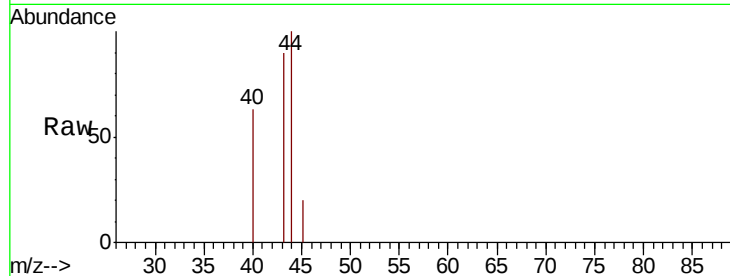




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050652.D
Acq: 15 Aug 2018 13:59

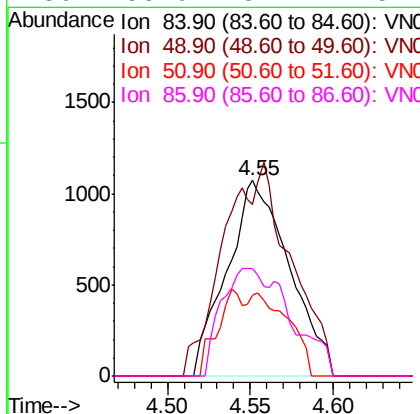
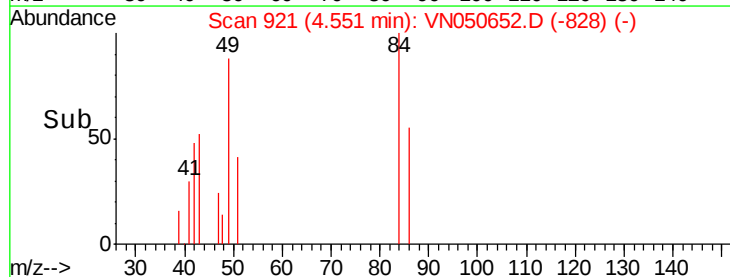
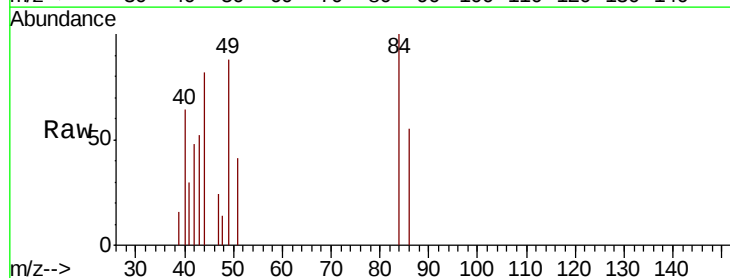
Instrument :
MSVOA_N
ClientSampleId :
941-MW-02(23.8)

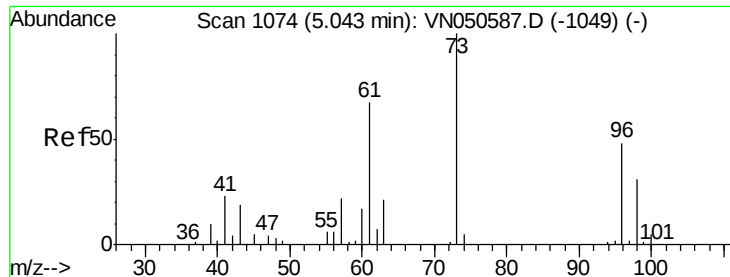
Tot Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
74 7.9 19.7 29.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050652.D
Acq: 15 Aug 2018 13:59

Tgt Ion: 84 Resp: 2808
Ion Ratio Lower Upper
84 100
49 87.6 92.6 138.8#
51 41.3 28.6 43.0
86 55.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 1.15 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

941-MW-02(23.8)

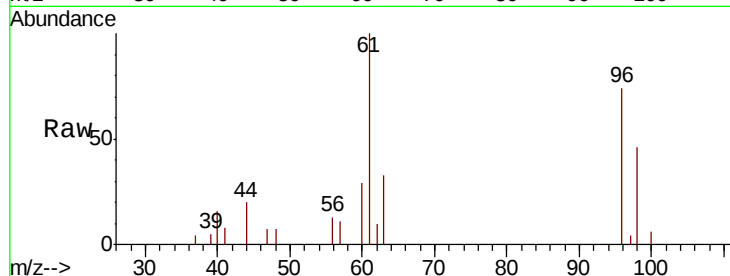
Tot Ion: 96 Resp: 8563

Ion Ratio Lower Upper

96 100

61 134.4 111.2 166.8

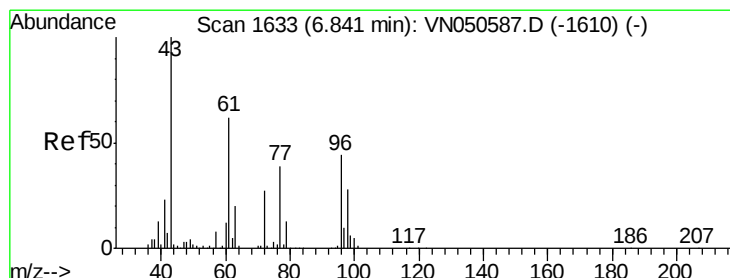
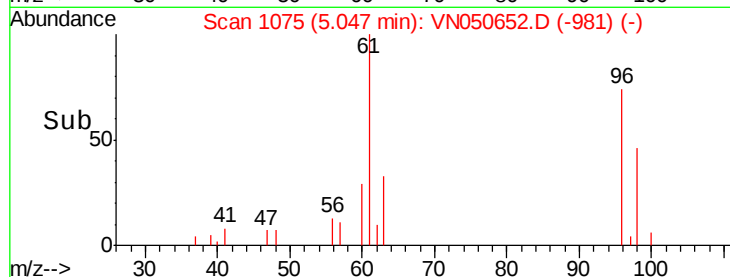
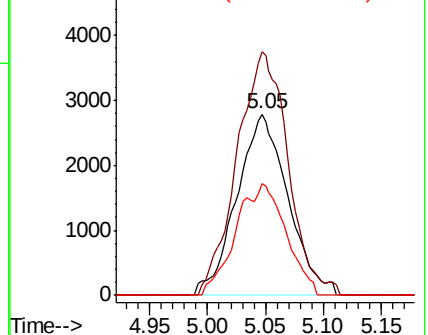
98 61.5 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#25

2-Butanone

Concen: 0.45 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN050652.D

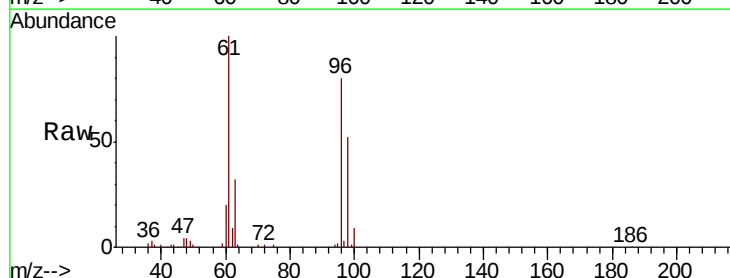
Acq: 15 Aug 2018 13:59

Tgt Ion: 43 Resp: 1475

Ion Ratio Lower Upper

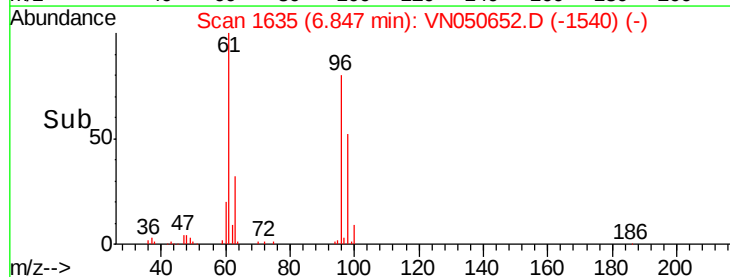
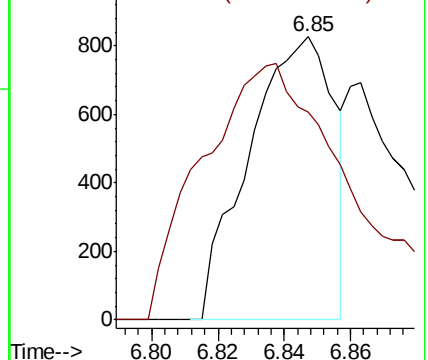
43 100

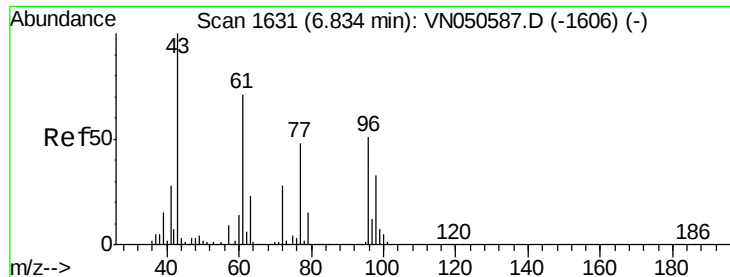
72 20.1 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#27

cis-1,2-Dichloroethene

Concen: 30.91 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

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ClientSampleId :

941-MW-02(23.8)

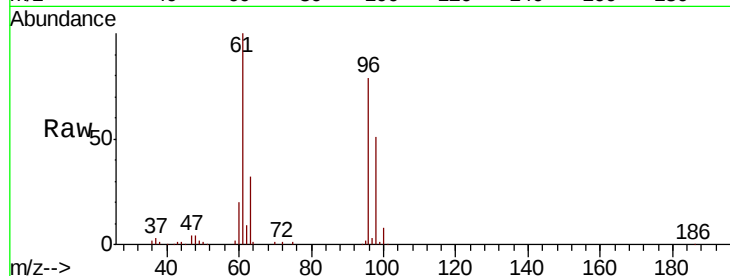
Tot Ion: 96 Resp: 255963

Ion Ratio Lower Upper

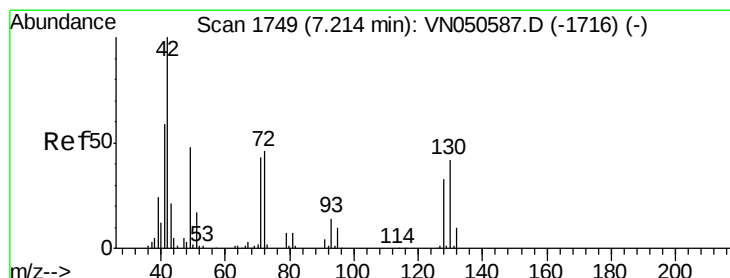
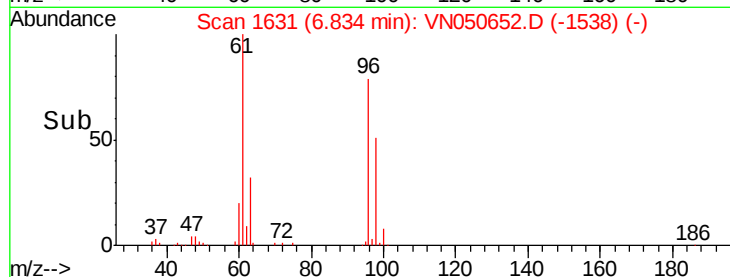
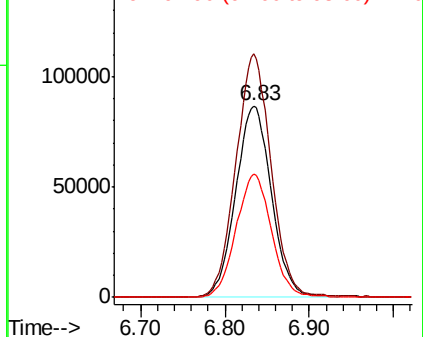
96 100

61 125.5 0.0 278.2

98 63.8 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. 0.00 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

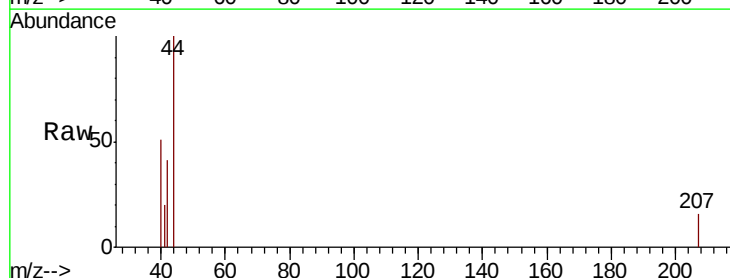
Tgt Ion: 42 Resp: 415

Ion Ratio Lower Upper

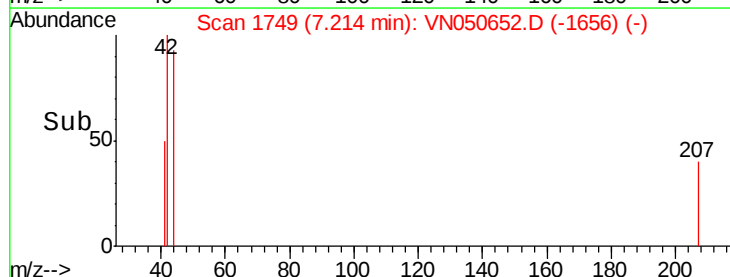
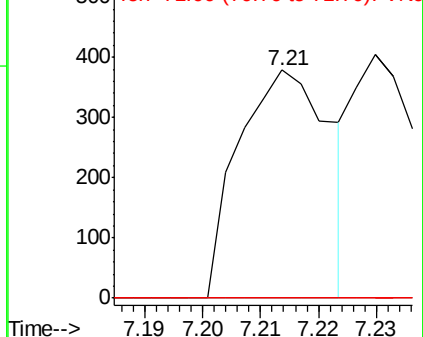
42 100

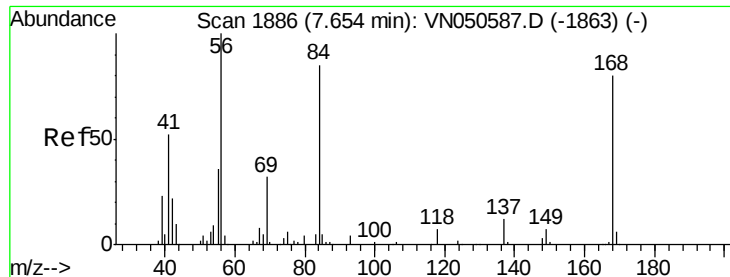
72 0.0 35.8 53.6#

71 0.0 33.4 50.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 0.79 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

941-MW-02(23.8)

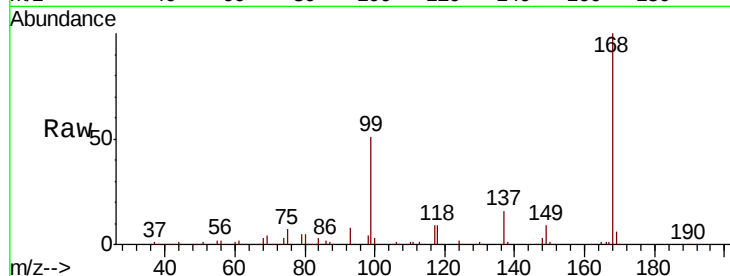
Tot Ion: 56 Resp: 13646

Ion Ratio Lower Upper

56 100

69 177.7 25.8 38.6#

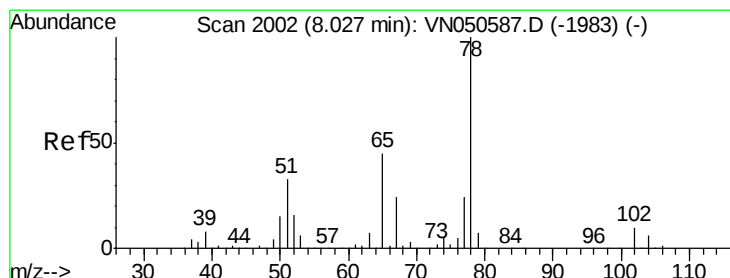
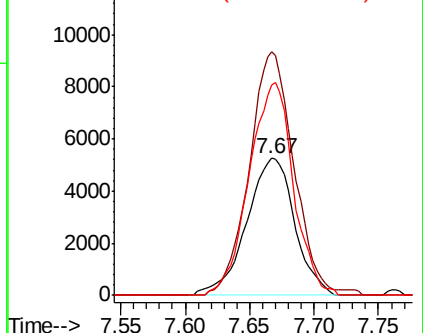
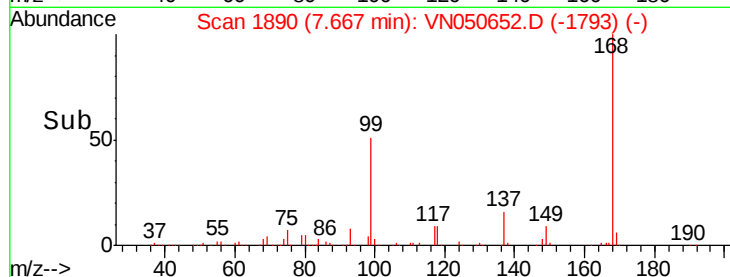
84 153.7 67.8 101.6#



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: 51.32 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050652.D

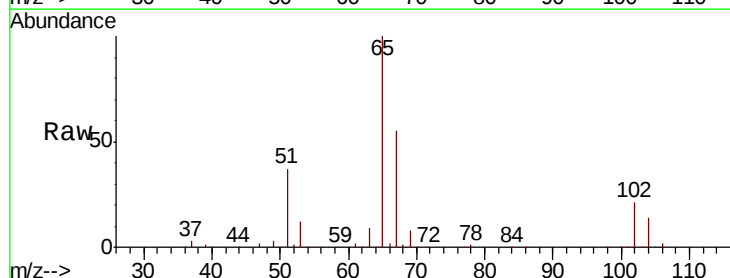
Acq: 15 Aug 2018 13:59

Tgt Ion: 65 Resp: 408899

Ion Ratio Lower Upper

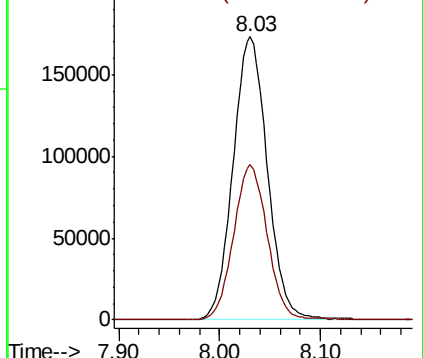
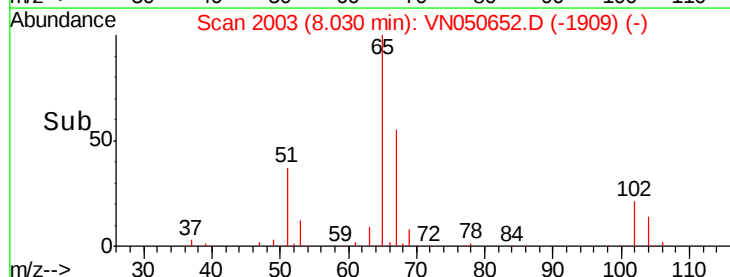
65 100

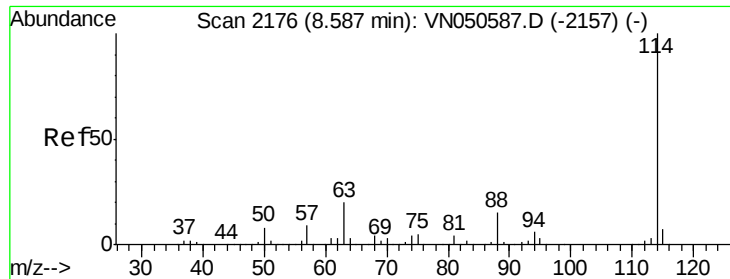
67 54.1 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

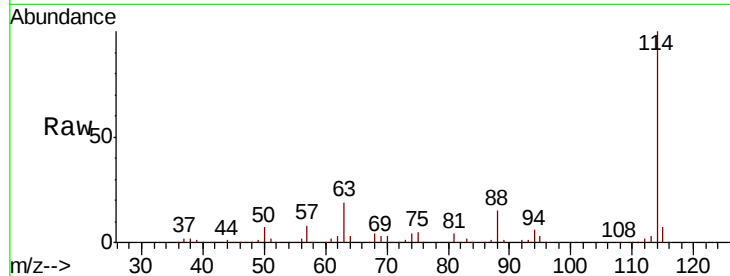




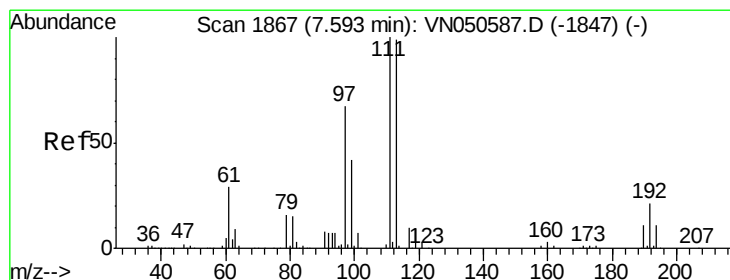
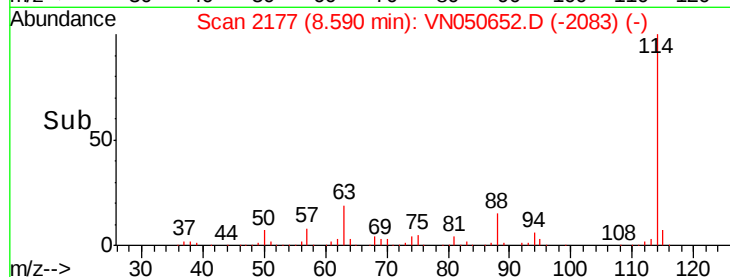
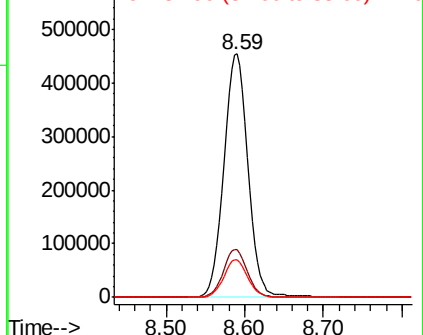
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050652.D
 Acq: 15 Aug 2018 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 941-MW-02(23.8)

Tot Ion:114 Resp: 957998
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.3 0.0 30.8

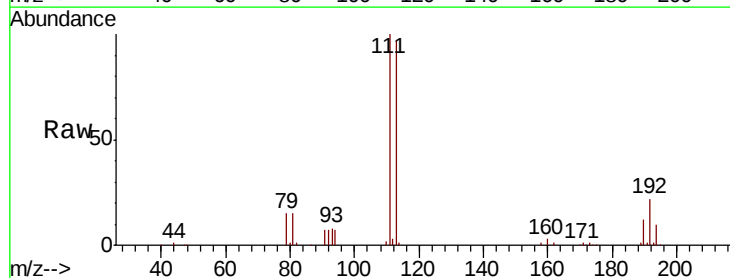


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

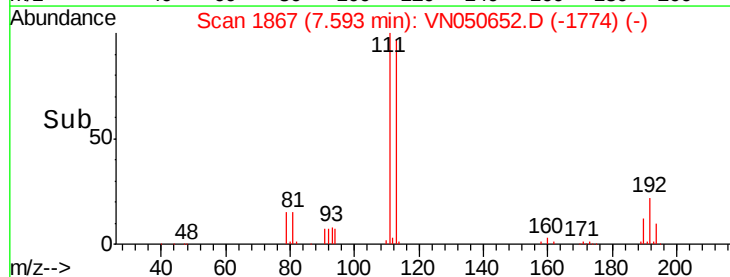
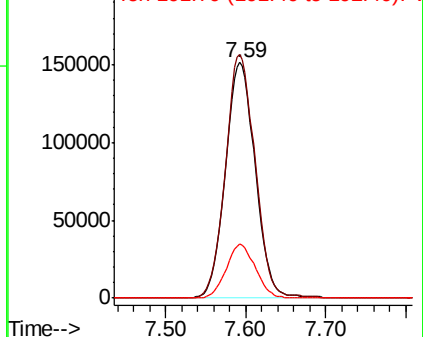


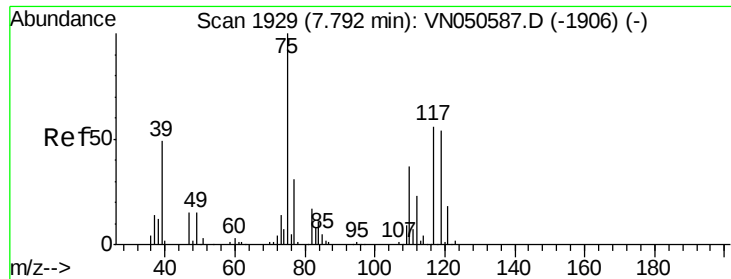
#35
 Dibromofluoromethane
 Concen: 50.31 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050652.D
 Acq: 15 Aug 2018 13:59

Tgt Ion:113 Resp: 384814
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 22.3 17.6 26.4



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

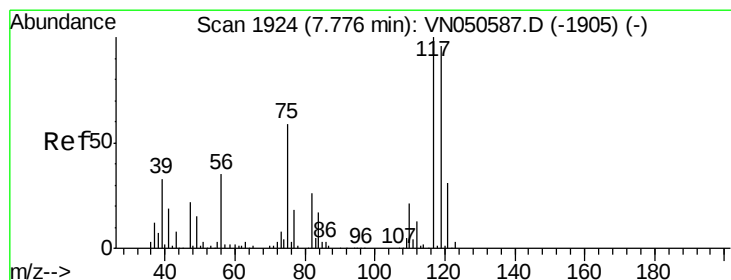
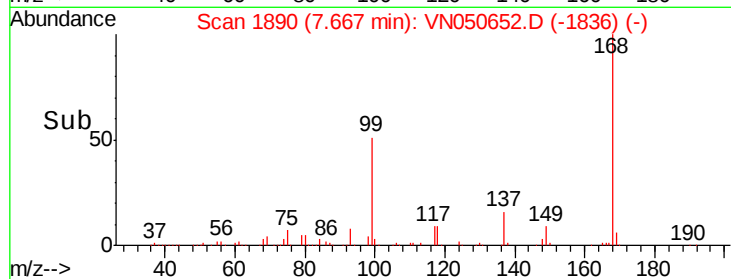
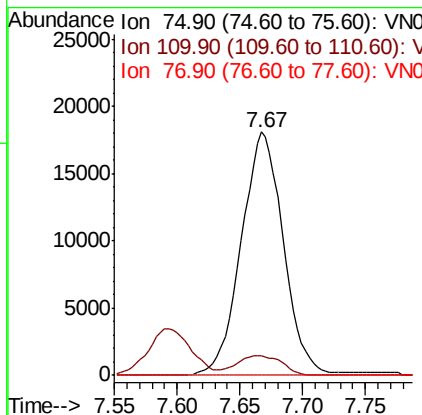
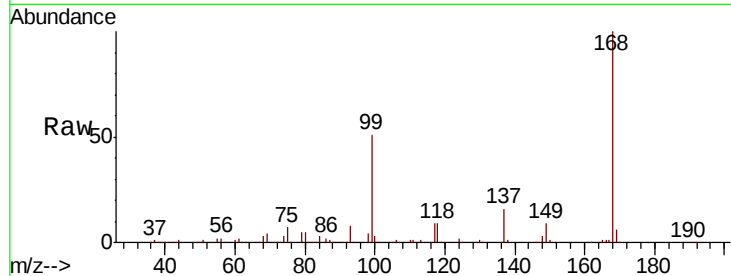




#36
 1,1-Dichloropropene
 Concen: 3.96 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050652.D
 Acq: 15 Aug 2018 13:59

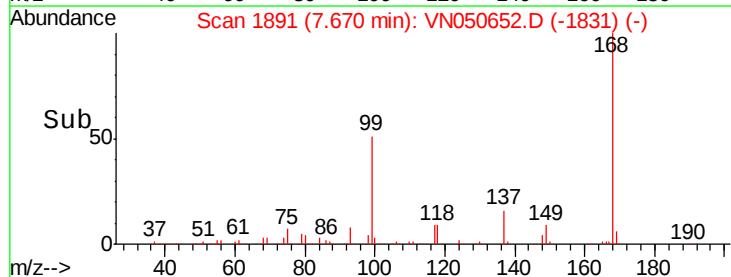
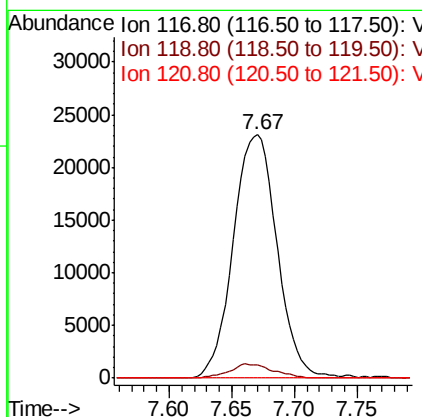
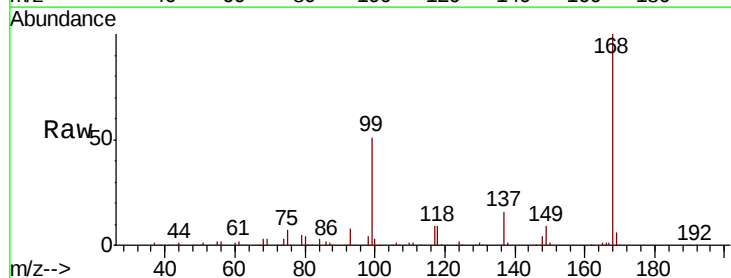
Instrument :
 MSVOA_N
 ClientSampleId :
 941-MW-02(23.8)

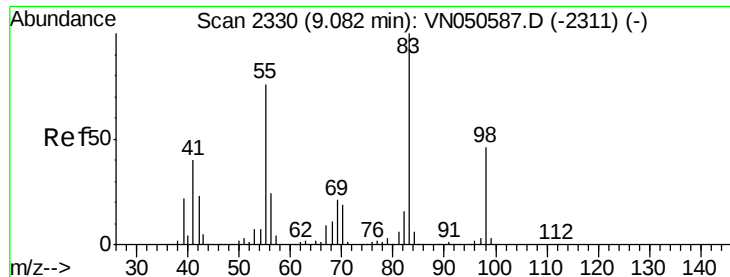
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.9#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.06 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050652.D
 Acq: 15 Aug 2018 13:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.6	115.0#
121	0.0	25.0	37.6#

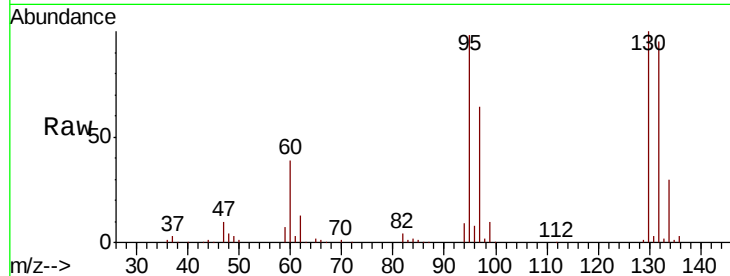




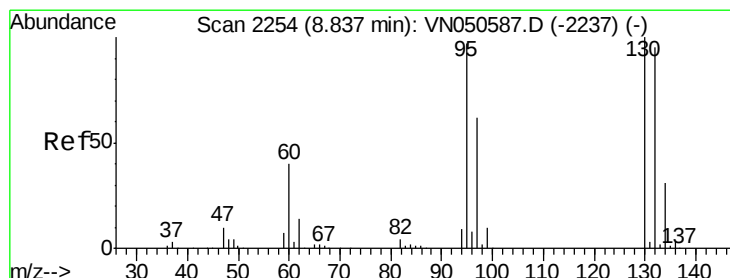
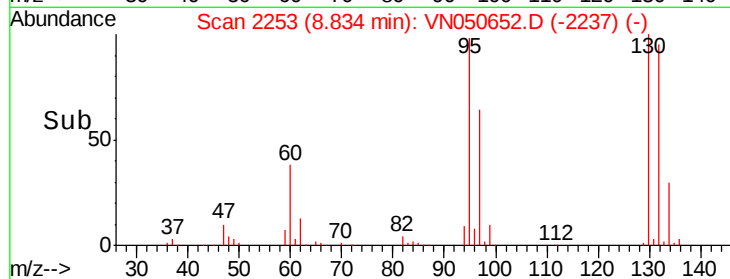
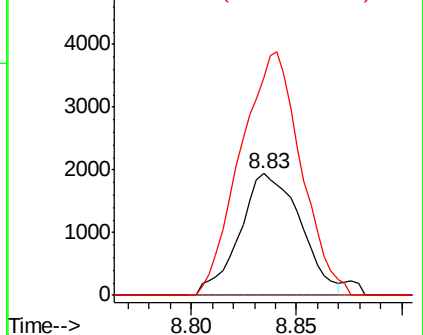
#39
Methvlcvclohexane
Concen: 0.35 ug/l
RT: 8.83 min Scan# 2253
Delta R.T. -0.25 min
Lab File: VN050652.D
Acq: 15 Aug 2018 13:59

Instrument :
MSVOA_N
ClientSampleId :
941-MW-02(23.8)

Tot Ion: 83 Resp: 3884
Ion Ratio Lower Upper
83 100
55 0.0 60.6 91.0#
98 178.8 37.0 55.4#

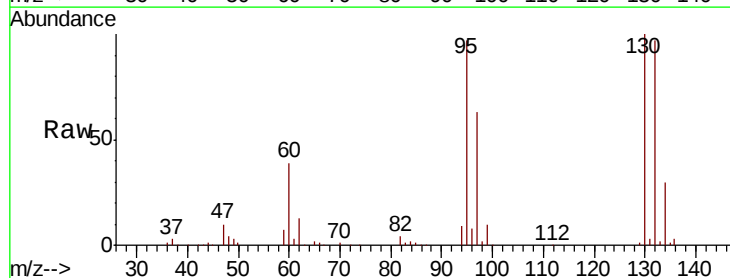


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

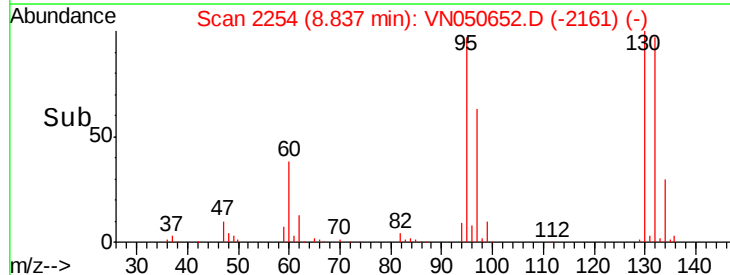
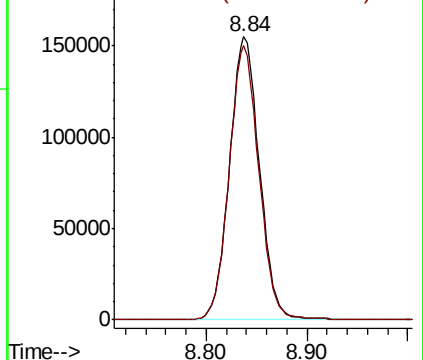


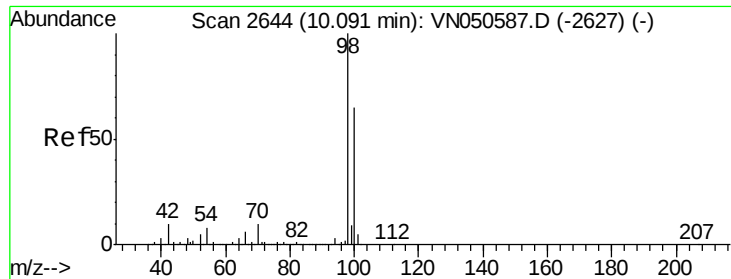
#44
Trichloroethene
Concen: 36.83 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VN050652.D
Acq: 15 Aug 2018 13:59

Tgt Ion:130 Resp: 320094
Ion Ratio Lower Upper
130 100
95 96.9 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

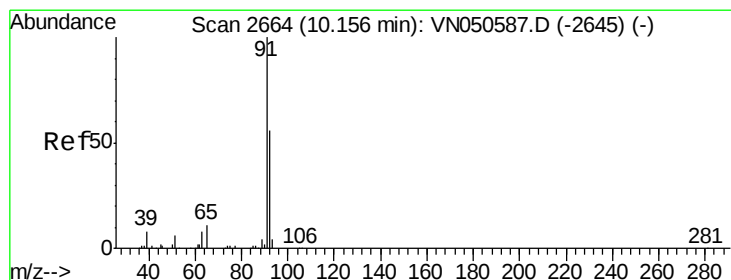
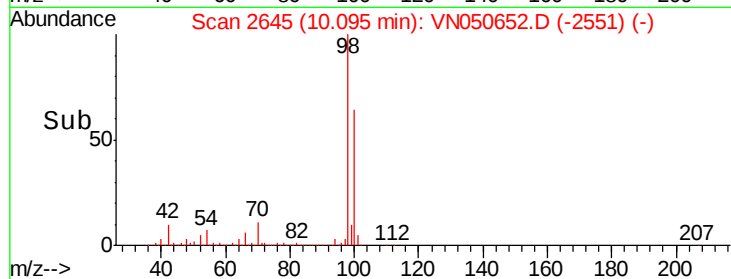
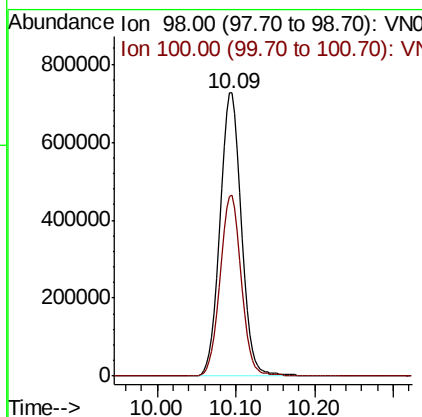
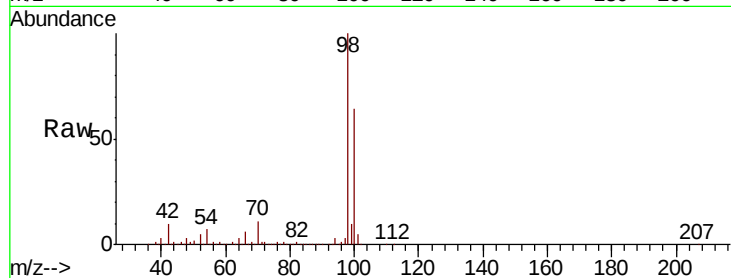




#50
Toluene-d8
Concen: 47.38 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050652.D
Acq: 15 Aug 2018 13:59

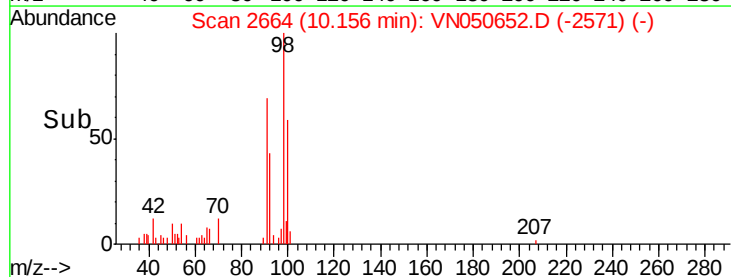
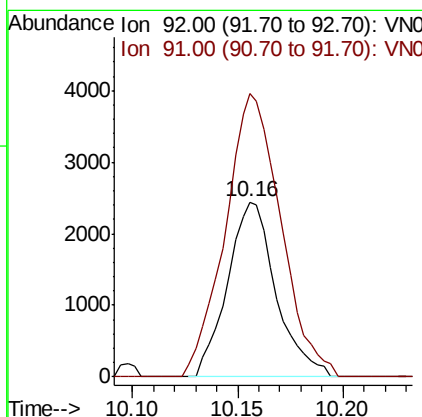
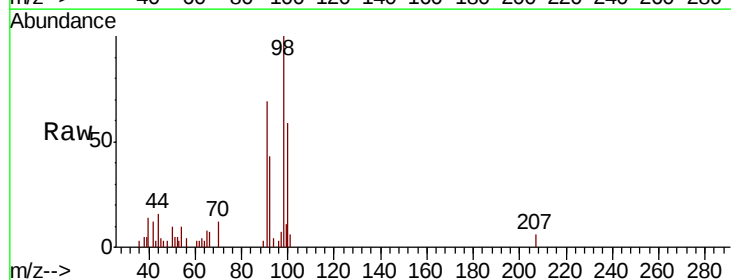
Instrument :
MSVOA_N
ClientSampleId :
941-MW-02(23.8)

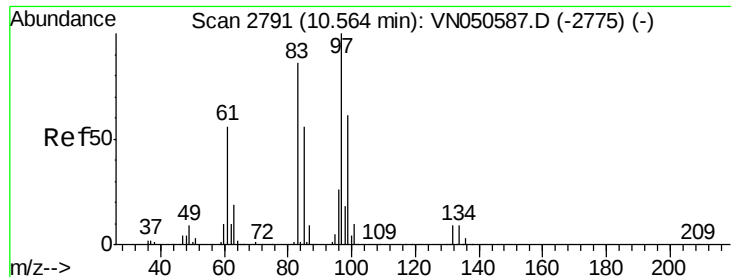
Tot Ion: 98 Resp: 1363861
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8



#52
Toluene
Concen: 0.20 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN050652.D
Acq: 15 Aug 2018 13:59

Tgt Ion: 92 Resp: 3888
Ion Ratio Lower Upper
92 100
91 186.1 141.9 212.9





#55

1,1,2-Trichloroethane

Concen: 0.63 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.07 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

941-MW-02(23.8)

Tot Ion: 97 Resp: 4547

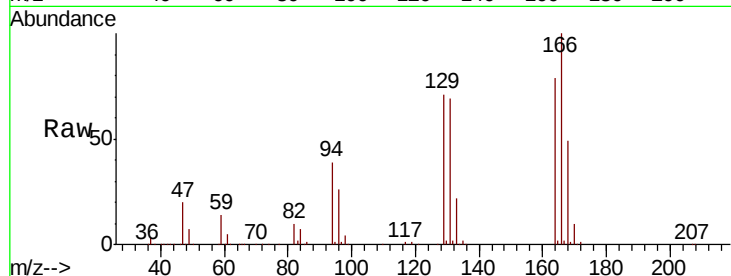
Ion Ratio Lower Upper

97 100

83 270.1 68.5 102.7#

85 40.0 44.6 66.8#

99 19.9 49.1 73.7#

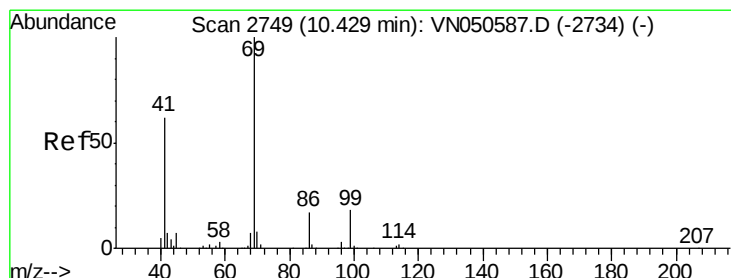
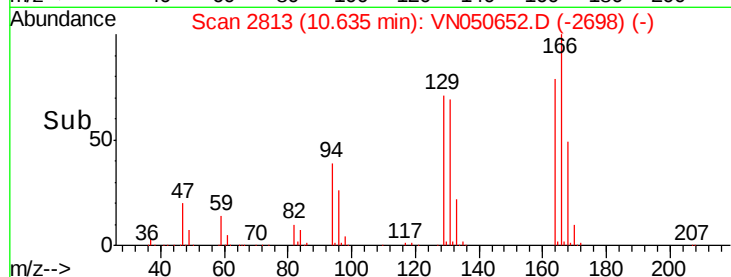
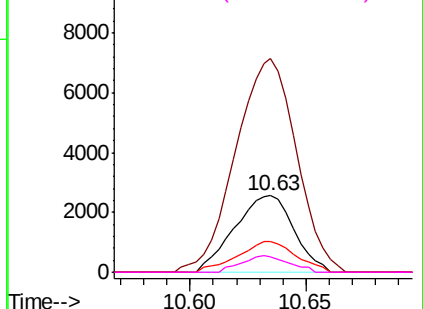


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 1.91 ug/l

RT: 10.17 min Scan# 2668

Delta R.T. -0.26 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

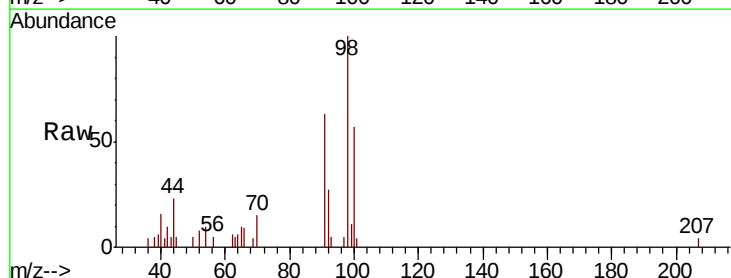
Tgt Ion: 69 Resp: 29

Ion Ratio Lower Upper

69 100

41 537.9 49.7 74.5#

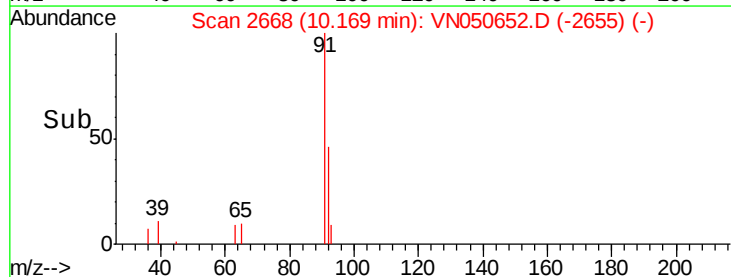
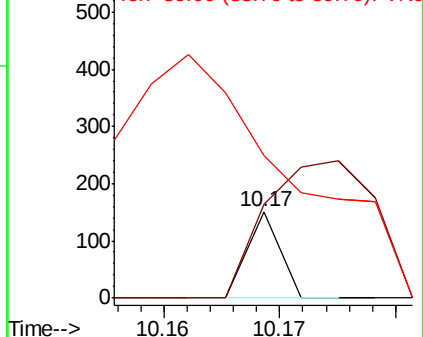
39 1910.3 24.2 36.2#

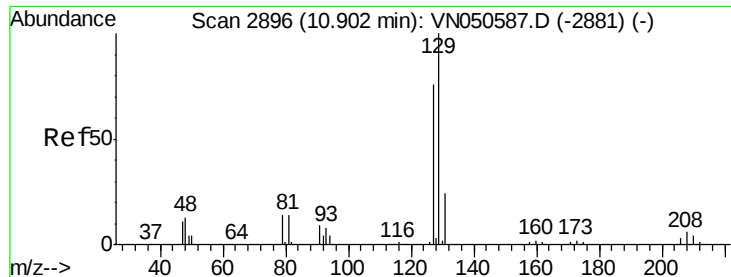


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

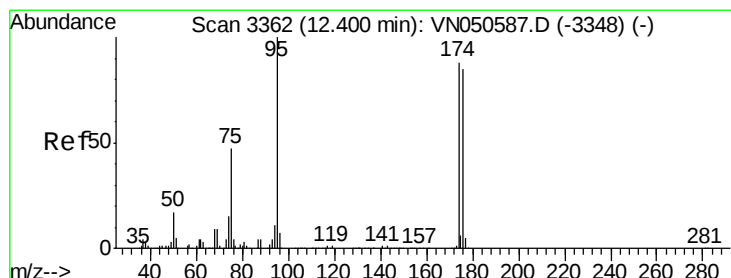
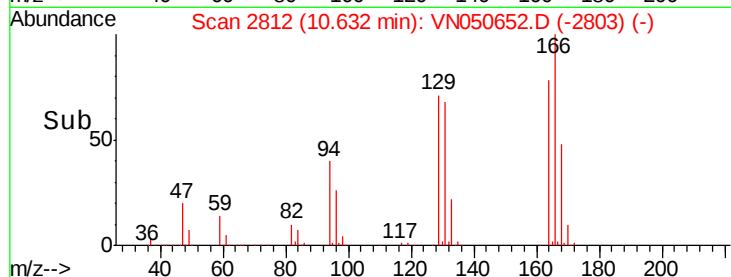
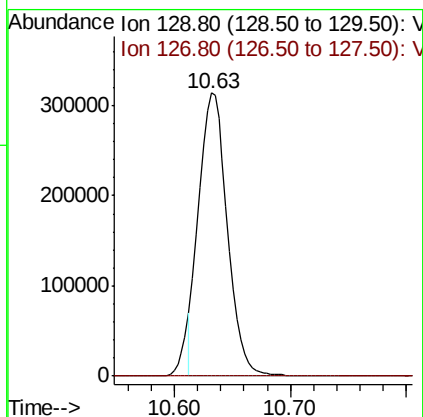
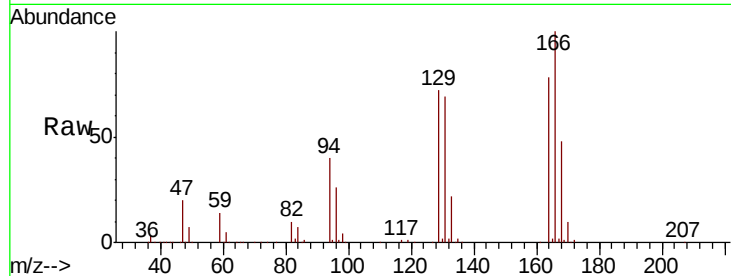




#60
 Dibromochloromethane
 Concen: 67.30 ug/l
 RT: 10.63 min Scan# 2812
 Delta R.T. -0.27 min
 Lab File: VN050652.D
 Acq: 15 Aug 2018 13:59

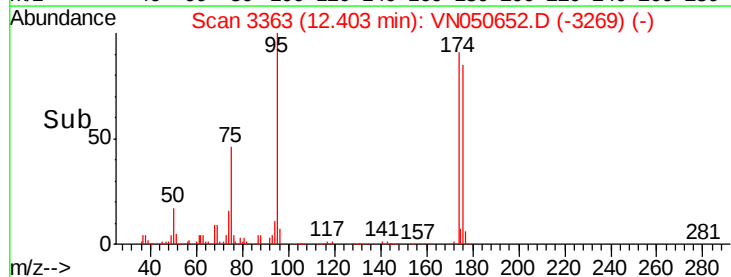
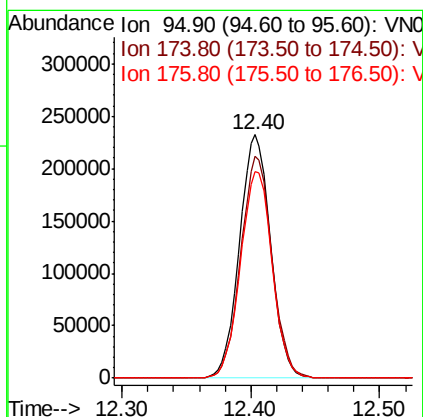
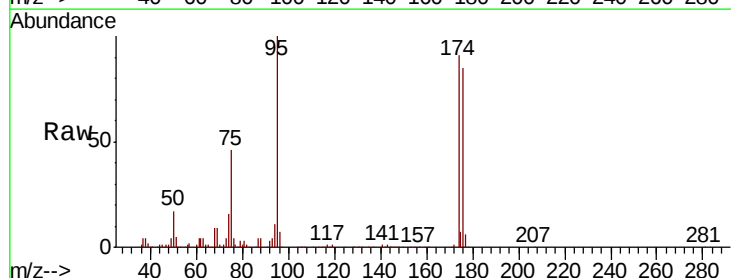
Instrument :
 MSVOA_N
 ClientSampleId :
 941-MW-02(23.8)

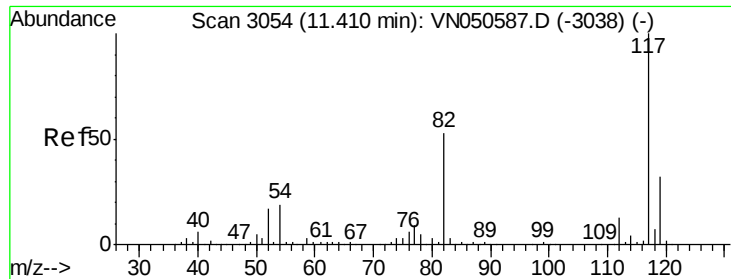
Tot Ion:129 Resp: 537536
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.7#



#62
 4-Bromofluorobenzene
 Concen: 41.05 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050652.D
 Acq: 15 Aug 2018 13:59

Tgt Ion: 95 Resp: 390341
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 177.8
 176 86.5 0.0 175.0

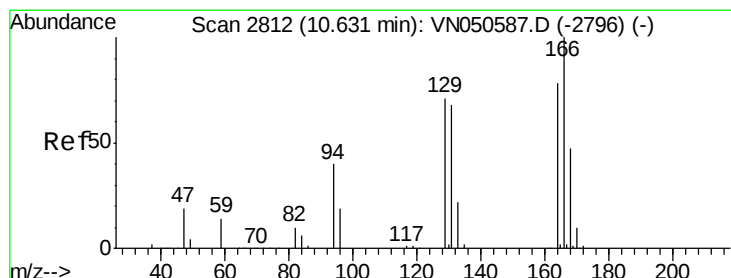
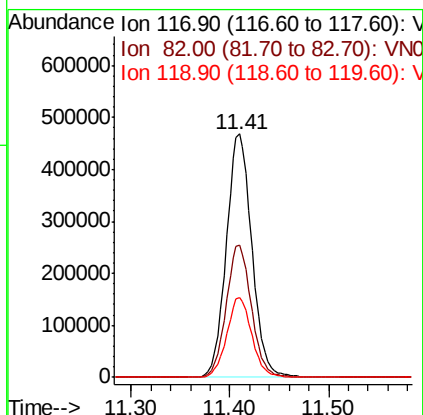
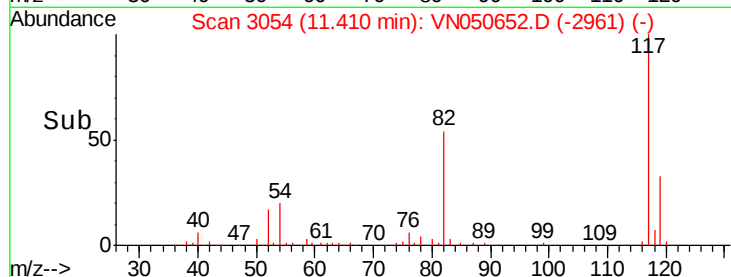
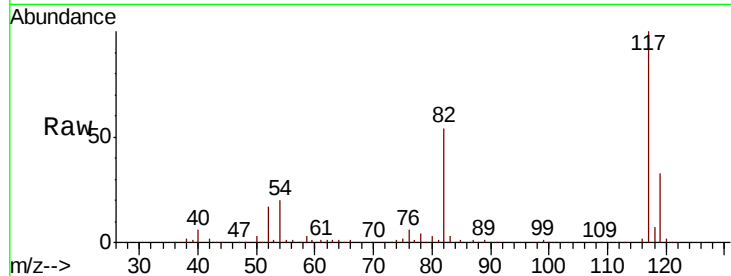




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050652.D
Acq: 15 Aug 2018 13:59

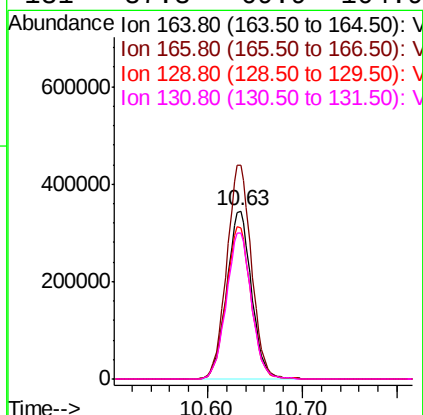
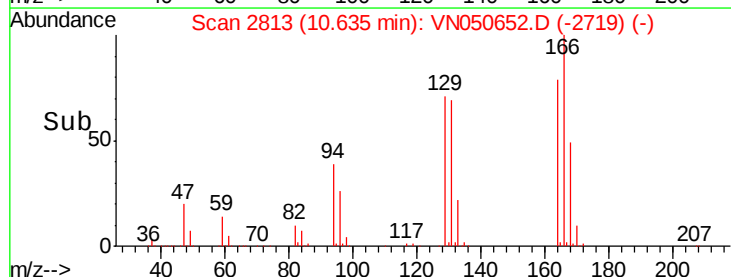
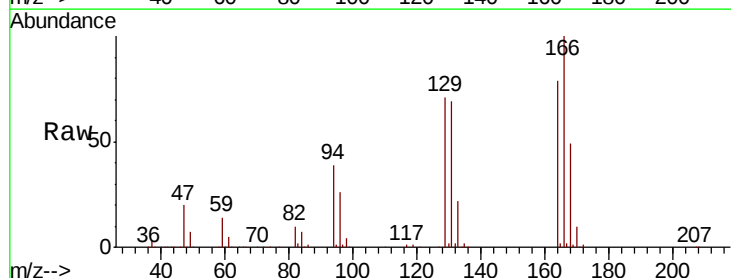
Instrument :
MSVOA_N
ClientSampleId :
941-MW-02(23.8)

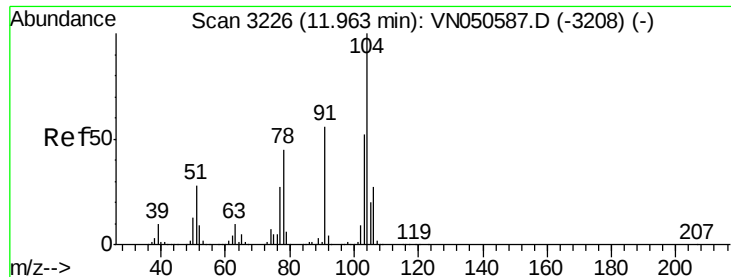
Tot Ion:117 Resp: 846547
Ion Ratio Lower Upper
117 100
82 54.2 42.4 63.6
119 32.8 25.8 38.8



#64
Tetrachloroethene
Concen: 79.39 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050652.D
Acq: 15 Aug 2018 13:59

Tgt Ion:164 Resp: 624177
Ion Ratio Lower Upper
164 100
166 127.4 102.1 153.1
129 90.3 72.7 109.1
131 87.3 69.9 104.9





#70

Stvrene

Concen: 0.94 ug/l

RT: 11.97 min Scan# 3229

Delta R.T. 0.01 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

941-MW-02(23.8)

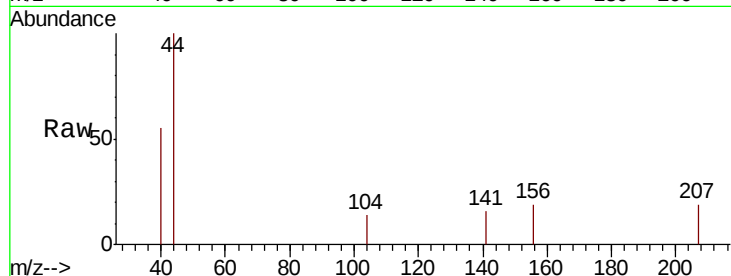
Tot Ion:104 Resp: 29

Ion Ratio Lower Upper

104 100

78 0.0 39.1 58.7#

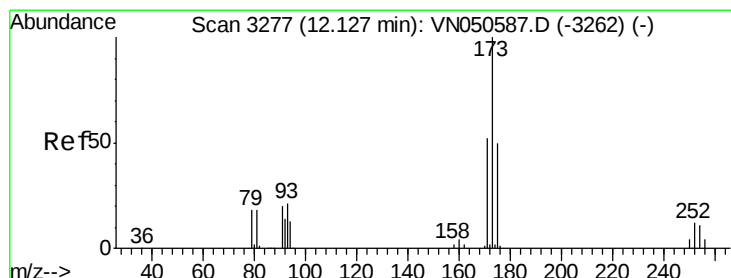
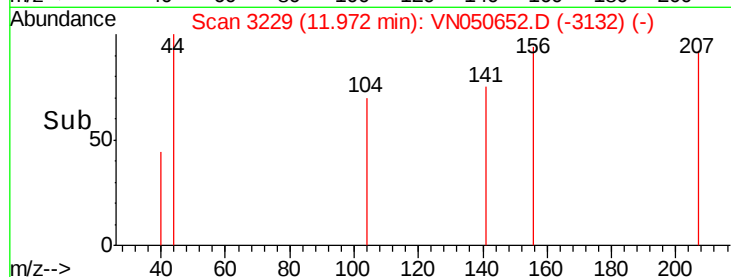
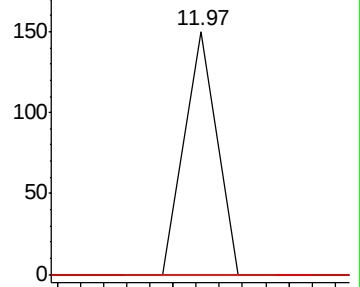
103 0.0 44.9 67.3#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.25 ug/l

RT: 12.40 min Scan# 3361

Delta R.T. 0.27 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

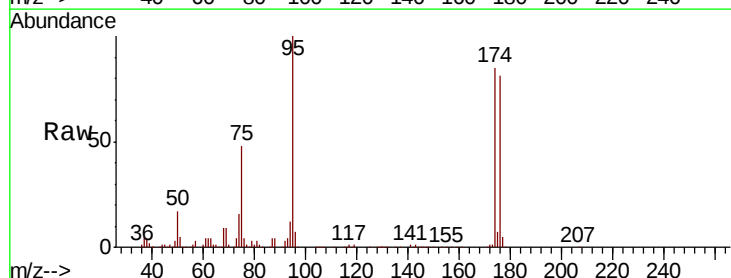
Tgt Ion:173 Resp: 1318

Ion Ratio Lower Upper

173 100

175 1664.0 24.4 73.2#

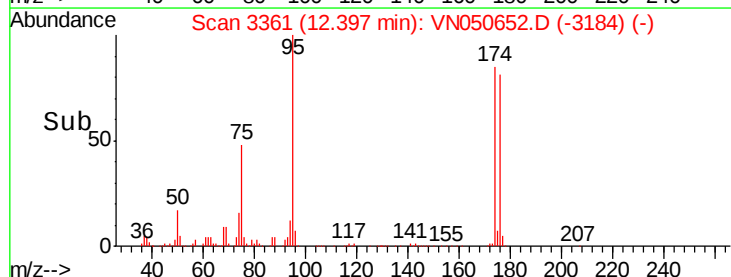
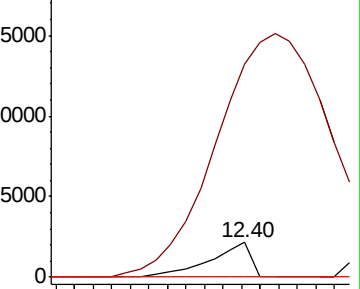
254 0.0 0.0 0.0

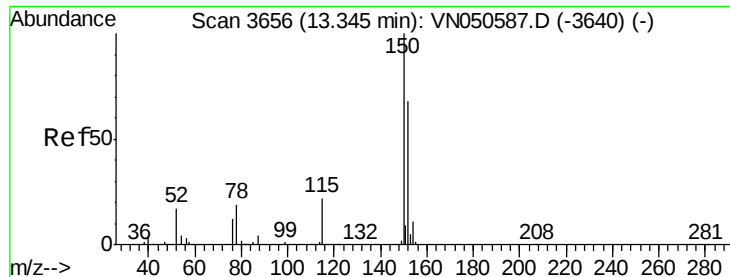


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

941-MW-02(23.8)

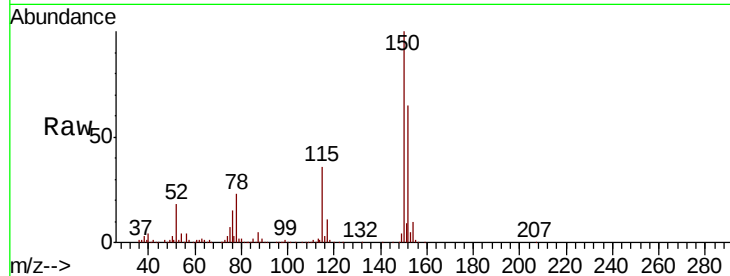
Tot Ion:152 Resp: 319867

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

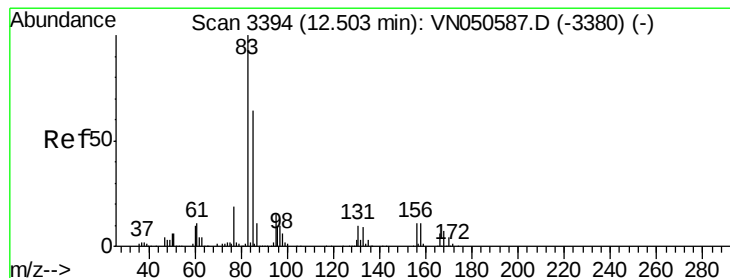
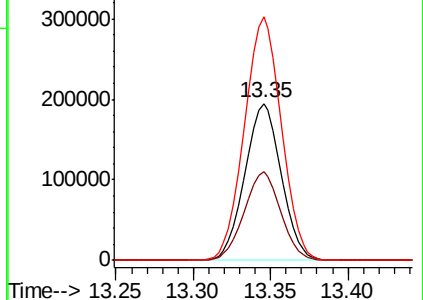
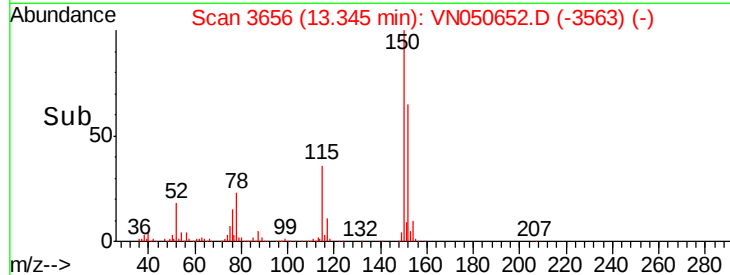
150 157.2 0.0 347.8



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: 12.42 min Scan# 3367

Delta R.T. -0.09 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

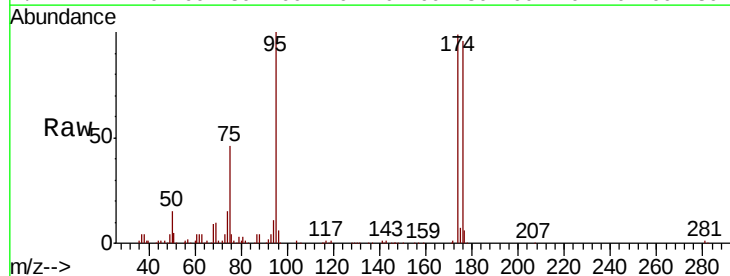
Tgt Ion: 83 Resp: 191

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

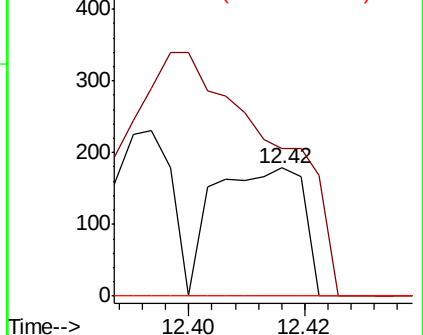
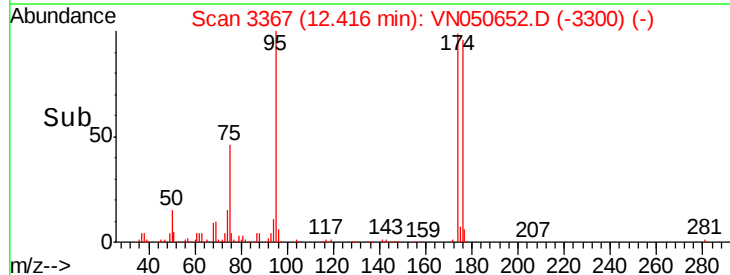
85 0.0 32.1 96.5#

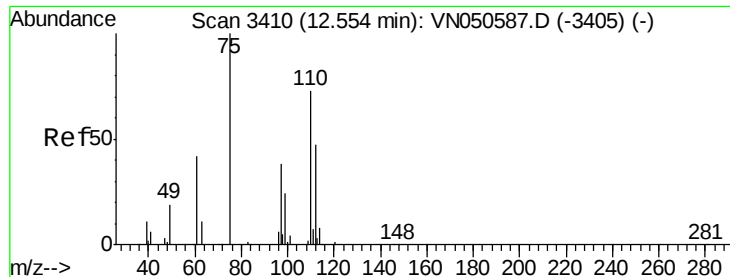


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 35.18 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

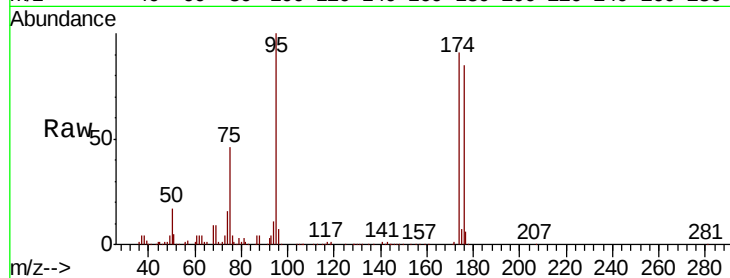
941-MW-02(23.8)

Tot Ion: 75 Resp: 183383

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

120000

100000

80000

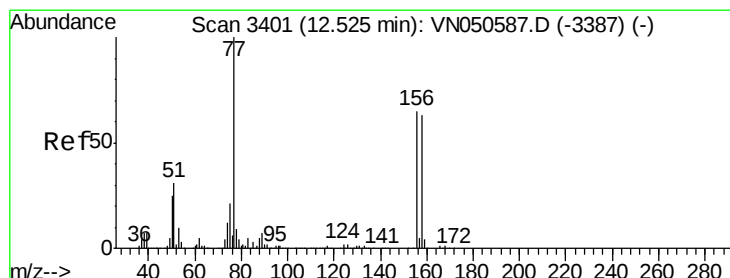
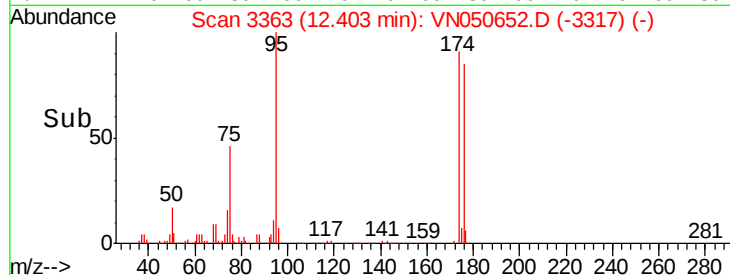
60000

40000

20000

0

Time-->



#77

Bromobenzene

Concen: 0.20 ug/l

RT: 12.53 min Scan# 3403

Delta R.T. 0.01 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

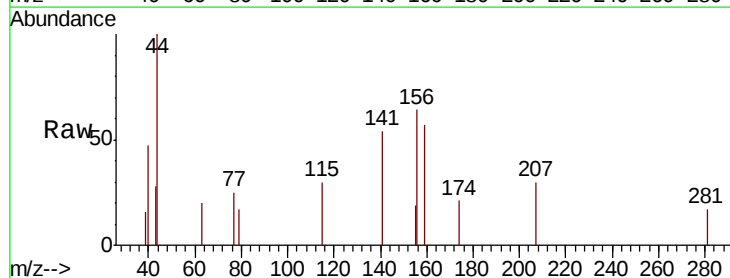
Tgt Ion: 156 Resp: 1371

Ion Ratio Lower Upper

156 100

77 15.4 89.0 267.1#

158 0.0 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

1200

1000

800

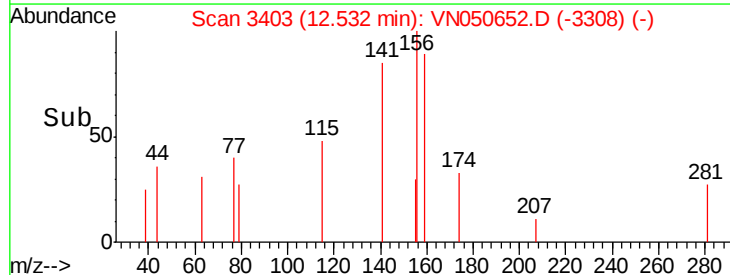
600

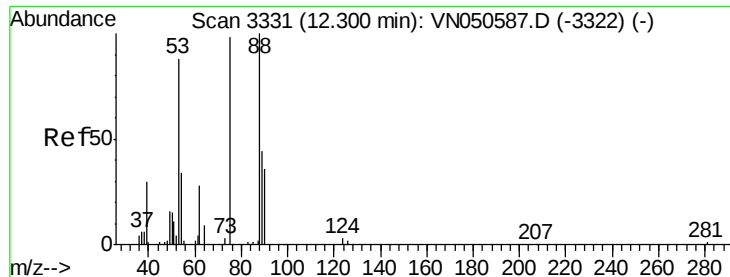
400

200

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 127.46 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

941-MW-02(23.8)

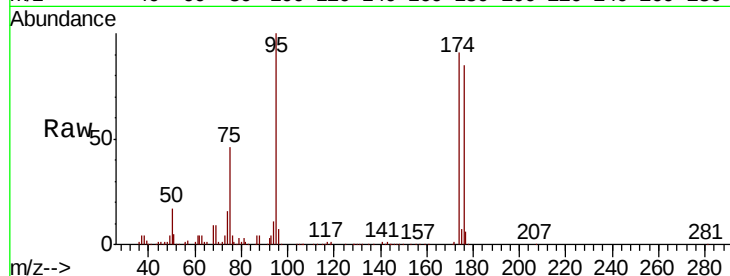
Tot Ion: 75 Resp: 183383

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.2#

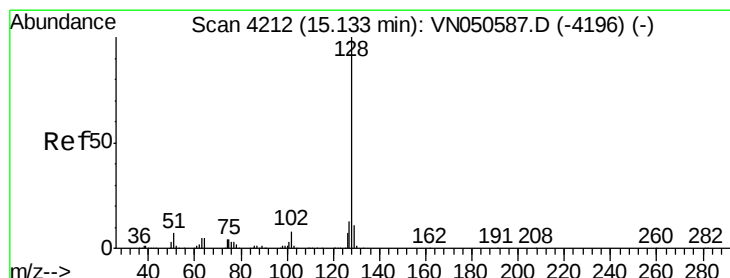
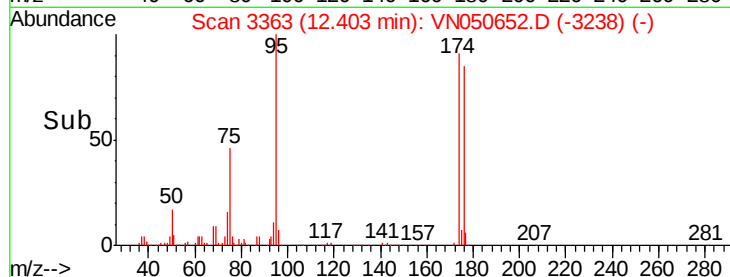
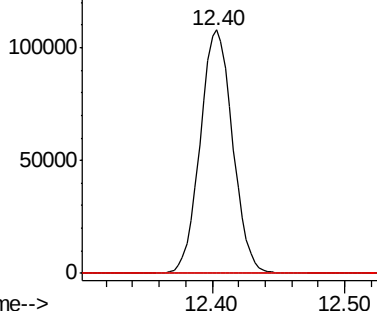
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN050652.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN050652.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN050652.D (-3363) (-)



#95

Naphthalene

Concen: 4.03 ug/l

RT: 15.14 min Scan# 4215

Delta R.T. 0.01 min

Lab File: VN050652.D

Acq: 15 Aug 2018 13:59

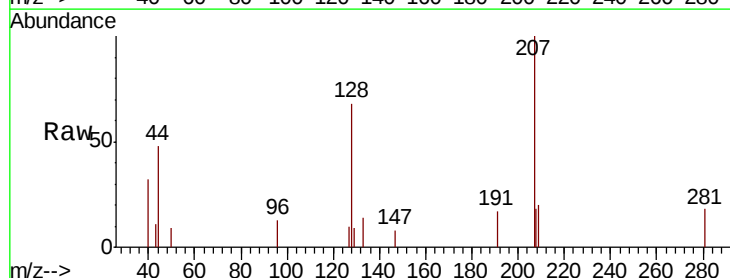
Tgt Ion:128 Resp: 2287

Ion Ratio Lower Upper

128 100

127 15.3 10.3 15.5

129 7.2 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): VN050652.D (-4215) (-)

Ion 127.00 (126.70 to 127.70): VN050652.D (-4215) (-)

Ion 129.00 (128.70 to 129.70): VN050652.D (-4215) (-)

