

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050348.D
 Acq On : 4 Aug 2018 6:43
 Operator : MD\SY
 Sample : J4313-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-11

Quant Time: Aug 06 00:48:46 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	677550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1099244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	951334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	396861	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	469378	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	7.59	113	412853	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
50) Toluene-d8	10.09	98	1522969	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
62) 4-Bromofluorobenzene	12.40	95	447728	41.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.42%	

Target Compounds

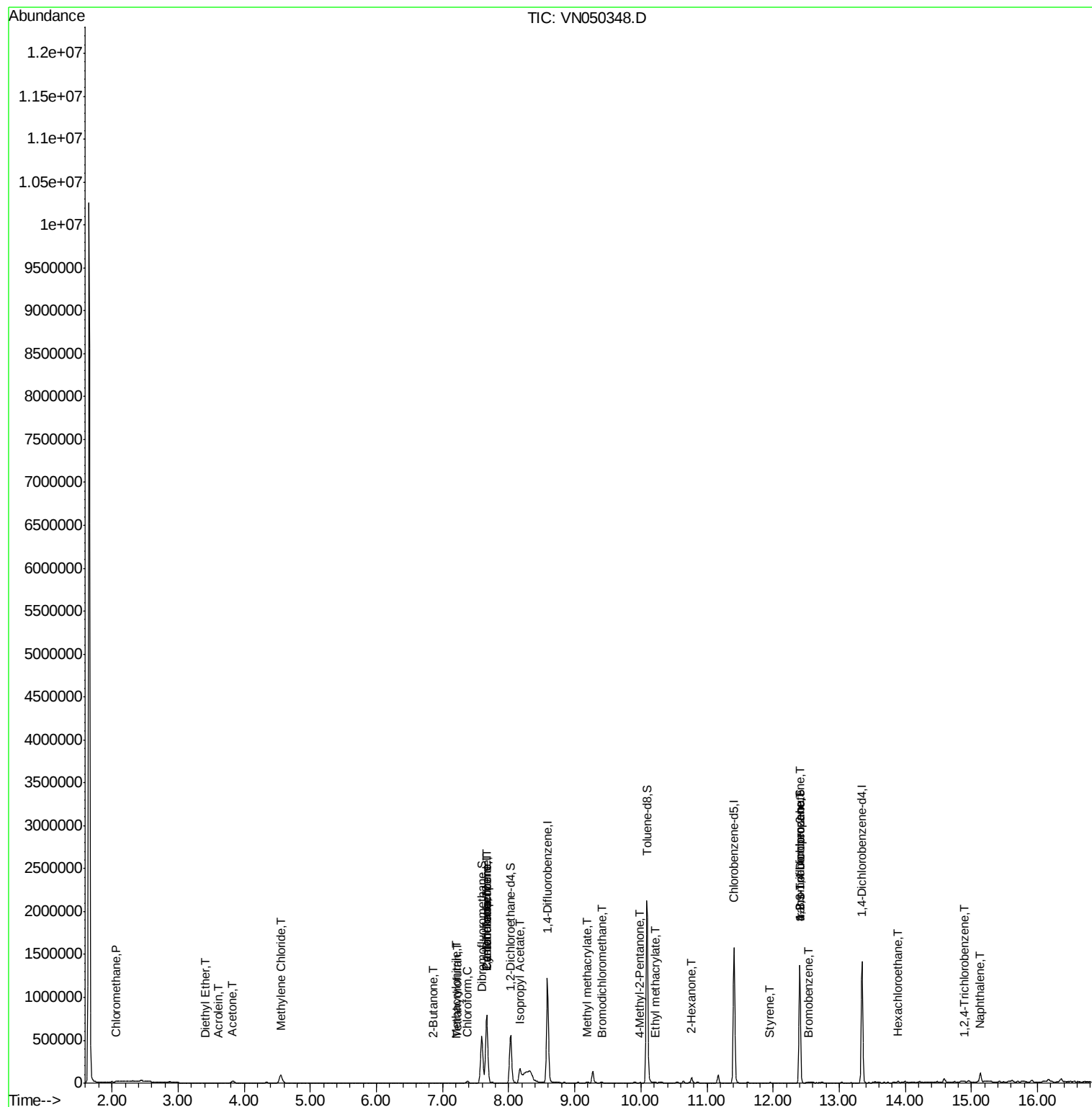
						Qvalue
3) Chloromethane	2.06	50	3305	0.31	ug/l	99
5) Bromomethane	2.57	94	4263	Below	Cal	# 79
8) Diethyl Ether	3.41	74	1344	0.28	ug/l	# 16
13) Acrolein	3.61	56	866	1.55	ug/l	# 67
16) Acetone	3.82	43	39397	13.59	ug/l	95
18) Methyl Acetate	4.34	43	12674	Below	Cal	93
20) Methylene Chloride	4.55	84	73508	7.71	ug/l	99
25) 2-Butanone	6.86	43	6290	1.74	ug/l	95
29) Tetrahydrofuran	7.23	42	1641	0.70	ug/l	# 56
30) Chloroform	7.38	83	19481	1.22	ug/l	99
31) Cyclohexane	7.67	56	12821	0.92	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	46530	3.76	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	59880	4.56	ug/l	# 17
41) Methacrylonitrile	7.20	41	322	2.82	ug/l	# 10
43) Isopropyl Acetate	8.17	43	219412	12.63	ug/l	# 91
47) Bromodichloromethane	9.40	83	4833	0.37	ug/l	# 92
48) Methyl methacrylate	9.19	41	4884	0.66	ug/l	# 17
51) 4-Methyl-2-Pentanone	9.99	43	3393	0.40	ug/l	# 79
56) Ethyl methacrylate	10.23	69	2598	2.24	ug/l	# 67
59) 2-Hexanone	10.77	43	9247	6.63	ug/l	# 58
70) Styrene	11.96	104	229	0.93	ug/l	# 68
75) 1,1,2,2-Tetrachloroethane	12.41	83	262	Below	Cal	# 1
76) 1,2,3-Trichloropropane	12.40	75	217764	29.53	ug/l	# 100
77) Bromobenzene	12.54	156	4699	0.55	ug/l	# 1
81) trans-1,4-Dichloro-2-buten	12.40	75	217764	93.65	ug/l	# 13
90) Hexachloroethane	13.89	117	1338	0.25	ug/l	# 4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	130	Below	Cal	# 1
93) 1,2,4-Trichlorobenzene	14.90	180	136	3.10	ug/l	# 1
95) Naphthalene	15.14	128	93684	9.13	ug/l	99

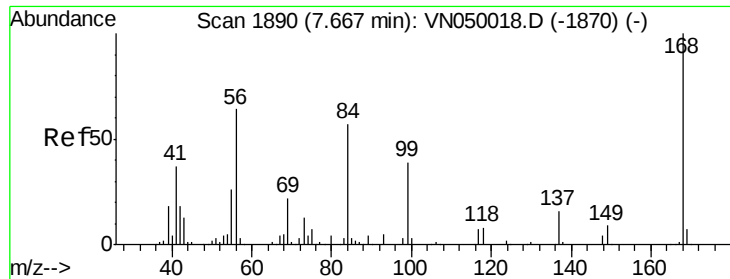
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1890

Delta R.T. -0.00 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampleId :

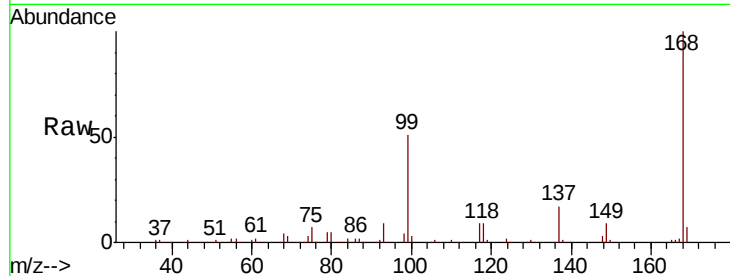
C-11

Tot Ion:168 Resp: 677550

Ion Ratio Lower Upper

168 100

99 51.0 40.0 60.0



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

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

7.67

300000

250000

200000

150000

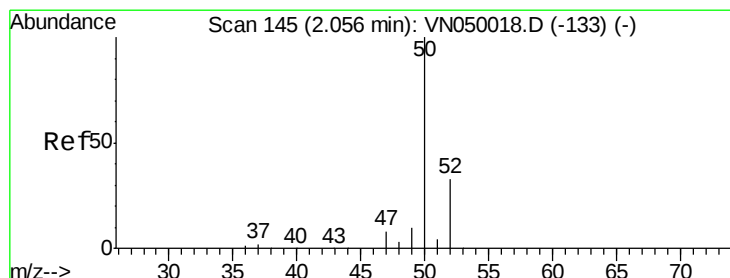
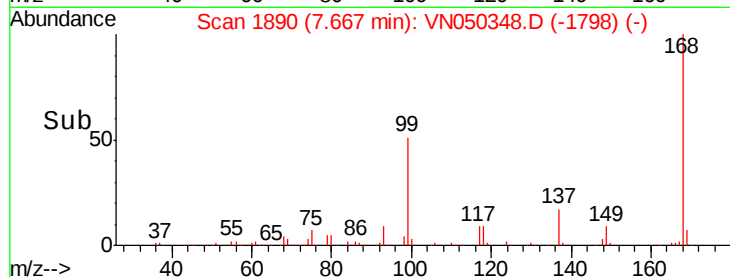
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.31 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050348.D

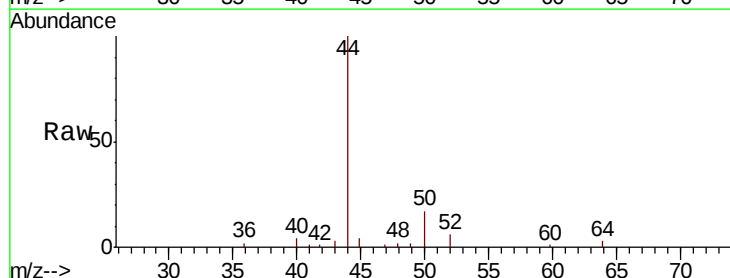
Acq: 4 Aug 2018 6:43

Tgt Ion: 50 Resp: 3305

Ion Ratio Lower Upper

50 100

52 31.7 25.9 38.9



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

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

2.06

3000

2500

2000

1500

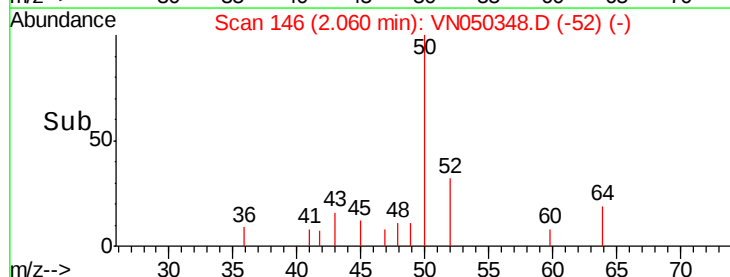
1000

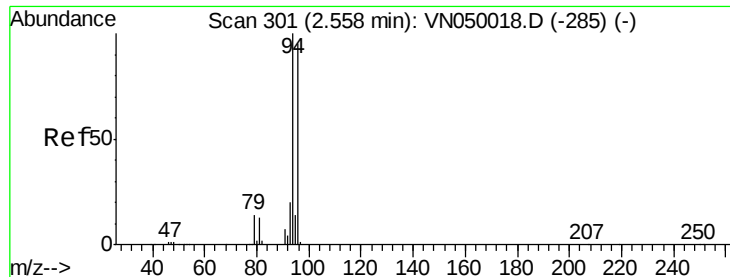
500

0

2.00 2.05 2.10

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampled :

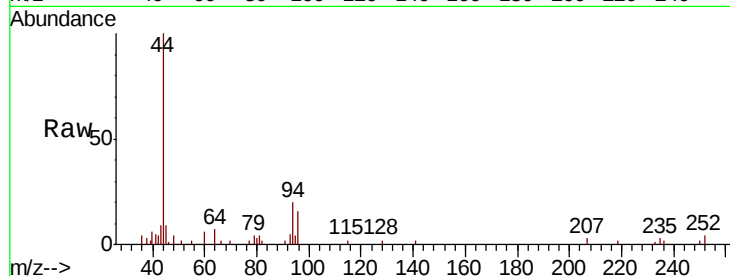
C-11

Tot Ion: 94 Resp: 4263

Ion Ratio Lower Upper

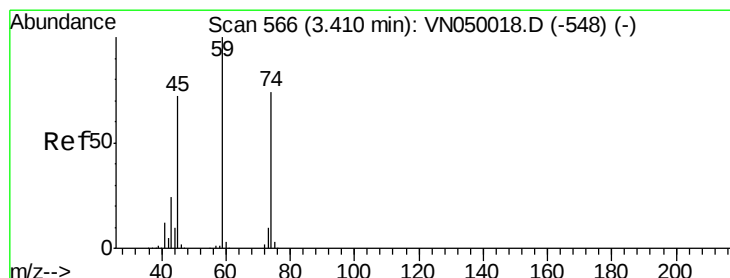
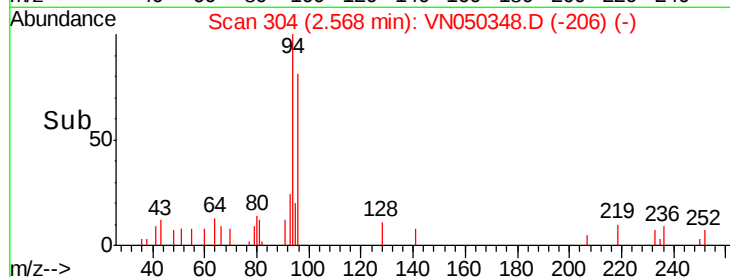
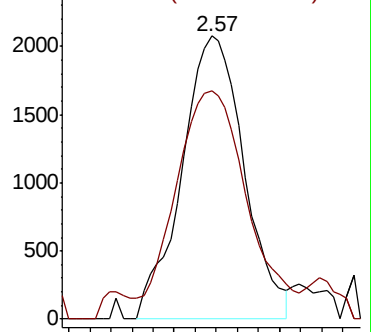
94 100

96 73.5 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.28 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050348.D

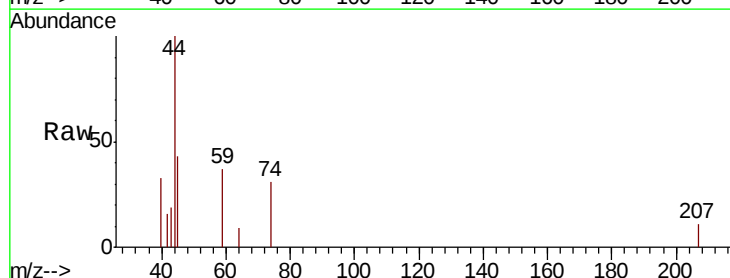
Acq: 4 Aug 2018 6:43

Tgt Ion: 74 Resp: 1344

Ion Ratio Lower Upper

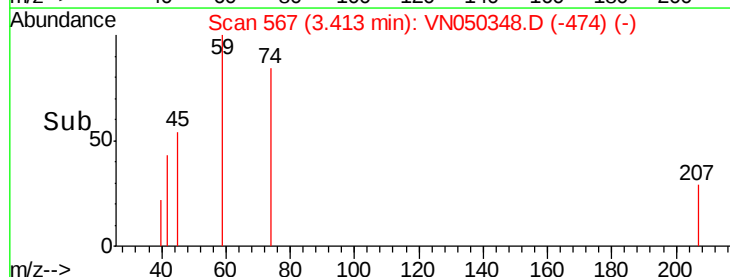
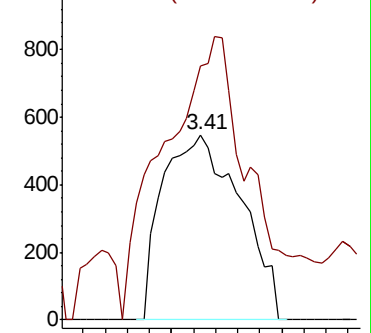
74 100

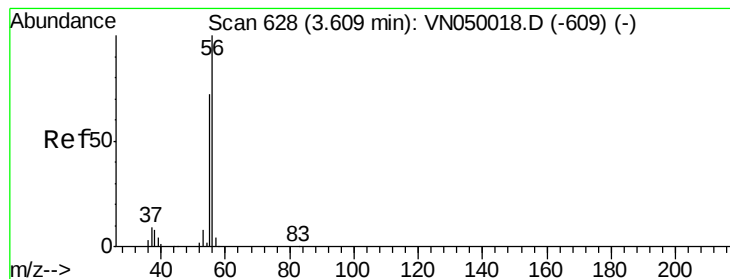
45 177.1 47.6 142.8#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#13

Acrolein

Concen: 1.55 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampled :

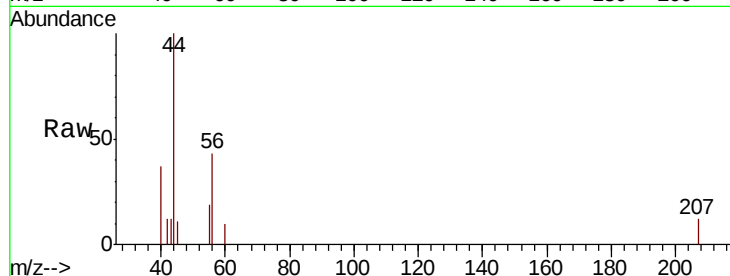
C-11

Tot Ion: 56 Resp: 866

Ion Ratio Lower Upper

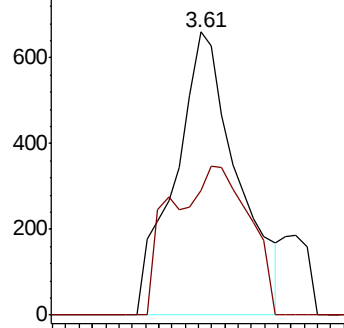
56 100

55 42.8 55.8 83.6#

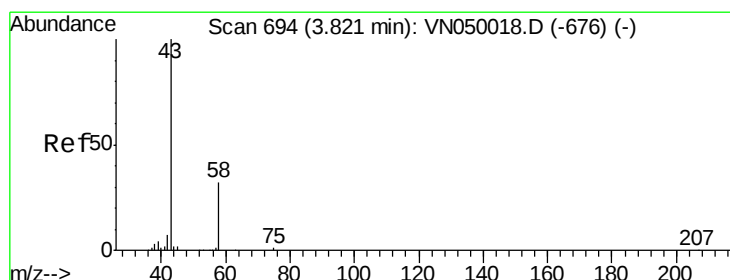
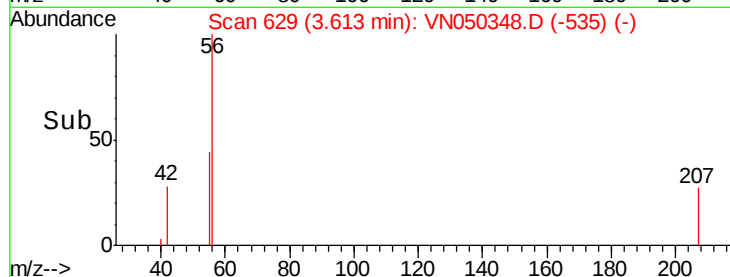


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#16

Acetone

Concen: 13.59 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050348.D

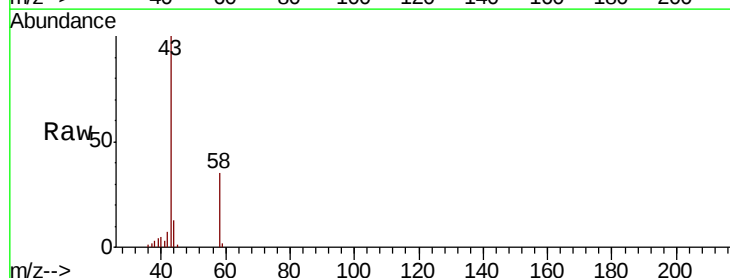
Acq: 4 Aug 2018 6:43

Tgt Ion: 43 Resp: 39397

Ion Ratio Lower Upper

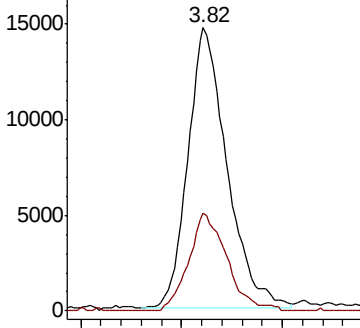
43 100

58 34.9 25.8 38.8

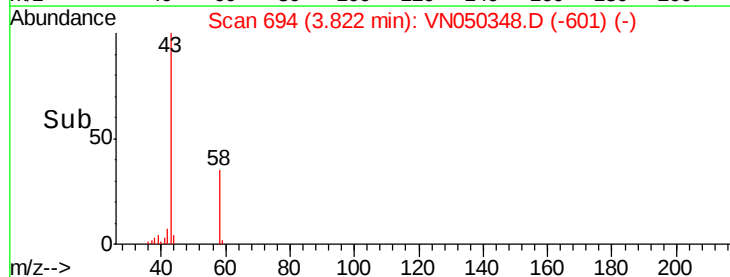


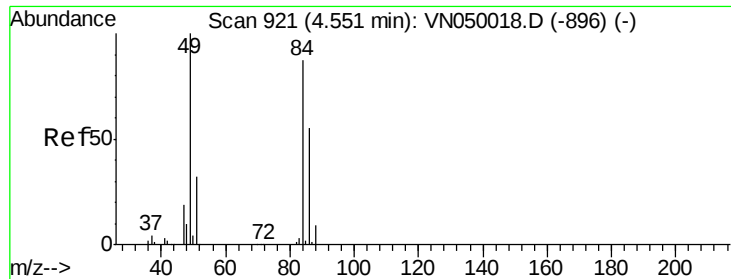
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

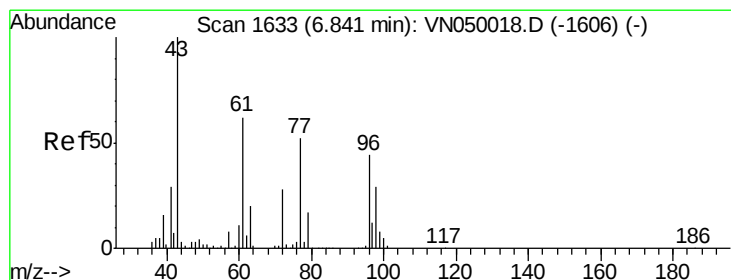
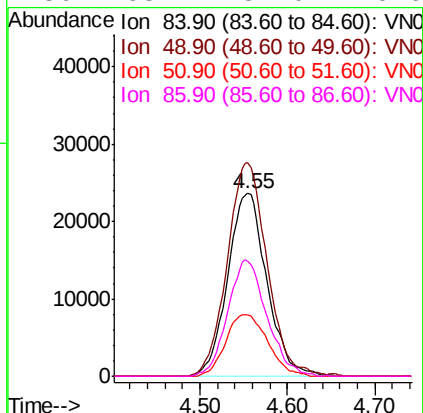
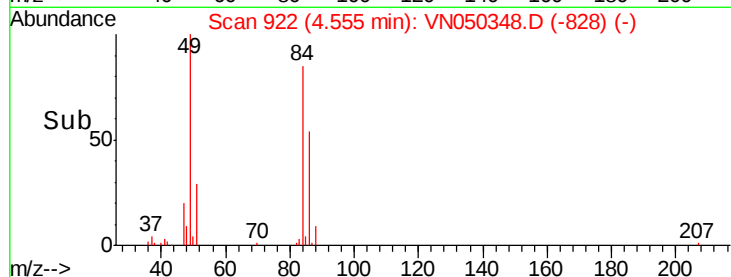
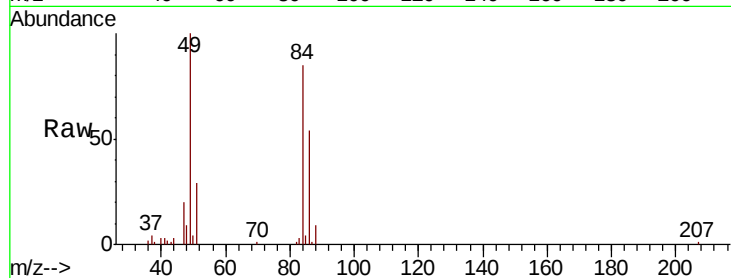




#20
Methvlene Chloride
Concen: 7.71 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

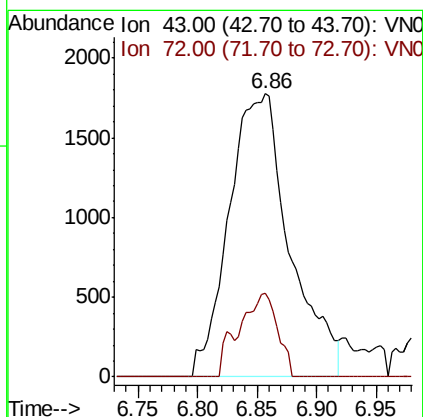
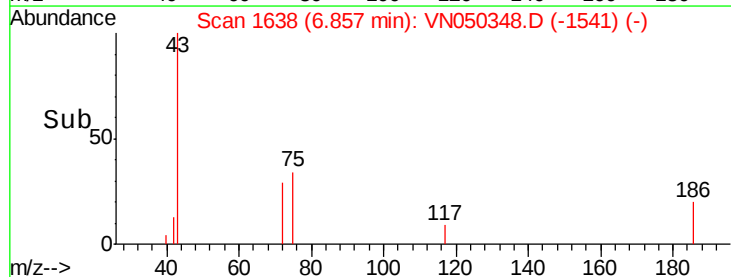
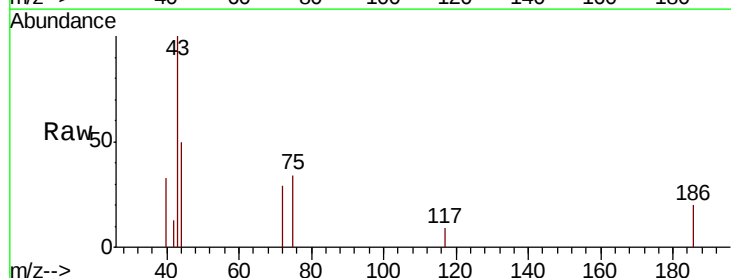
Instrument :
MSVOA_N
ClientSampled :
C-11

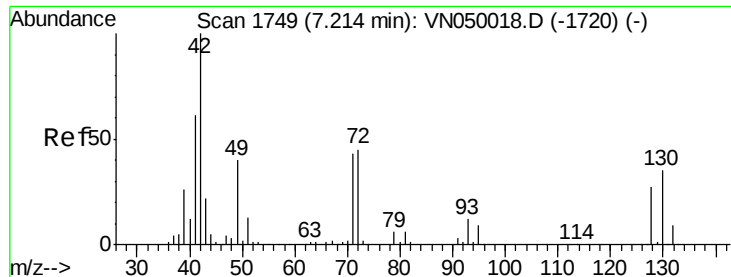
Tot Ion: 84 Resp: 73508
Ion Ratio Lower Upper
84 100
49 117.0 94.8 142.2
51 33.7 28.3 42.5
86 63.1 51.0 76.6



#25
2-Butanone
Concen: 1.74 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

Tgt Ion: 43 Resp: 6290
Ion Ratio Lower Upper
43 100
72 29.4 21.5 32.3





#29

Tetrahydrofuran

Concen: 0.70 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampleId :

C-11

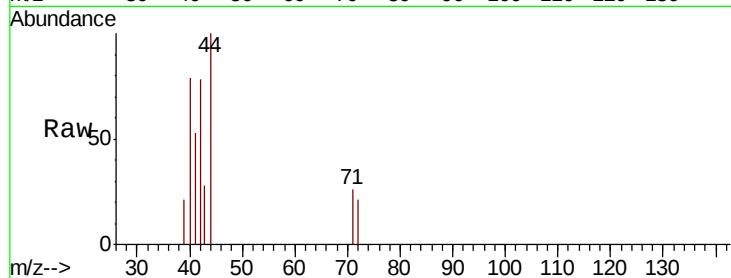
Tot Ion: 42 Resp: 1641

Ion Ratio Lower Upper

42 100

72 13.0 35.9 53.9#

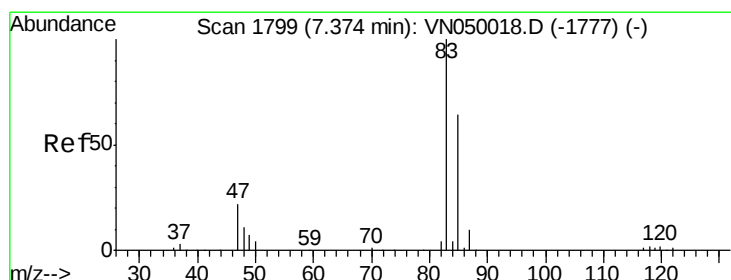
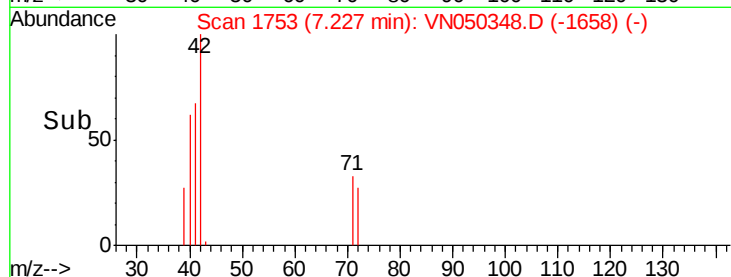
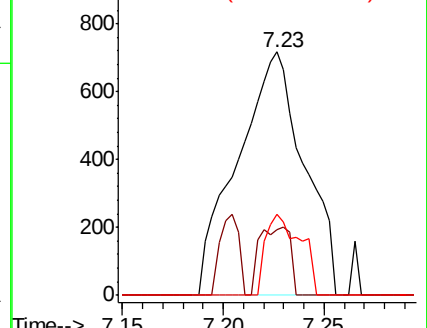
71 17.4 33.7 50.5#



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



#30

Chloroform

Concen: 1.22 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050348.D

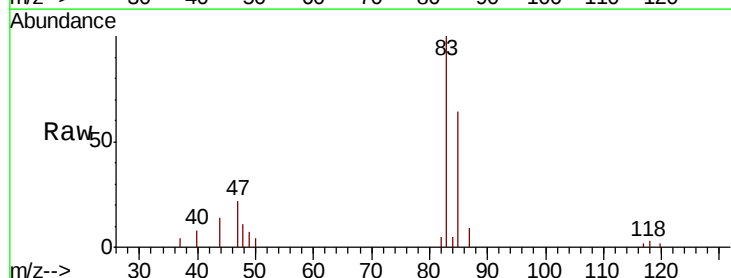
Acq: 4 Aug 2018 6:43

Tgt Ion: 83 Resp: 19481

Ion Ratio Lower Upper

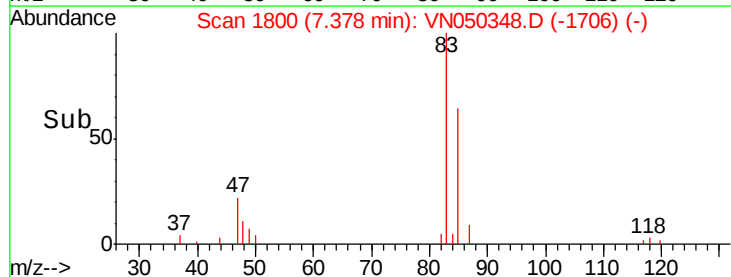
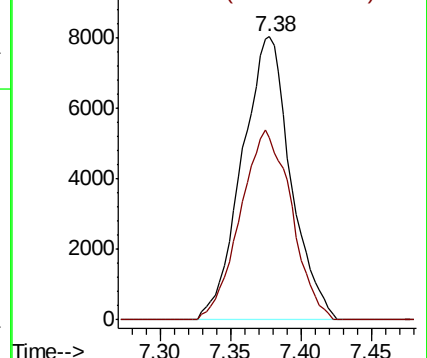
83 100

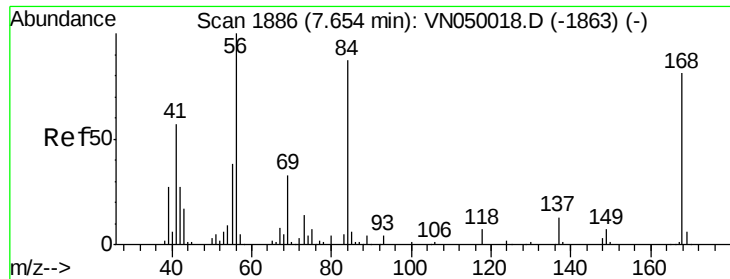
85 64.5 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

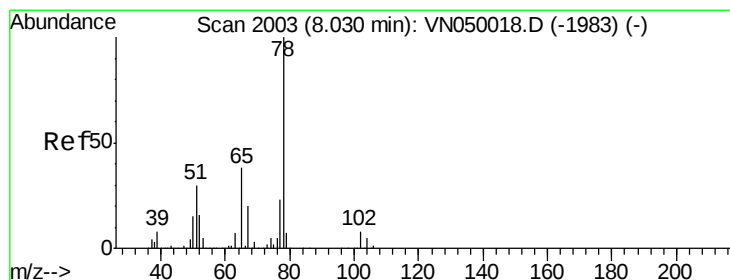
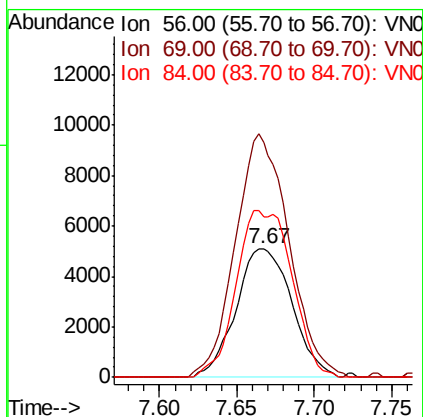
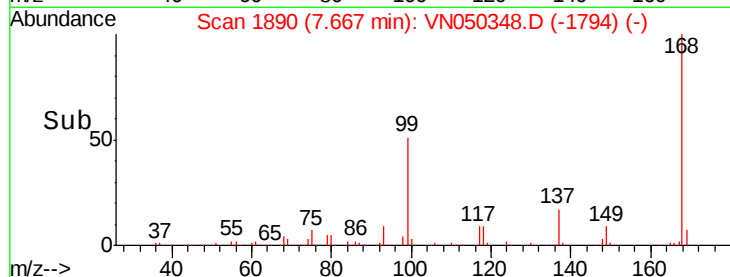
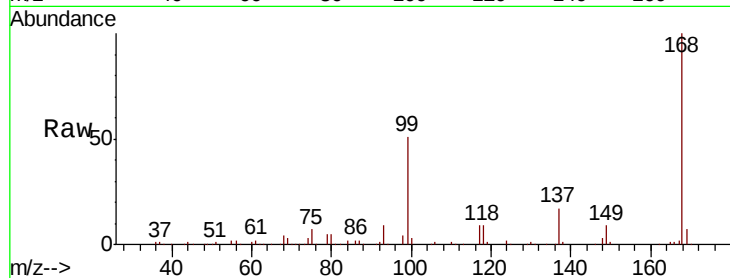




#31
Cyclohexane
Concen: 0.92 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

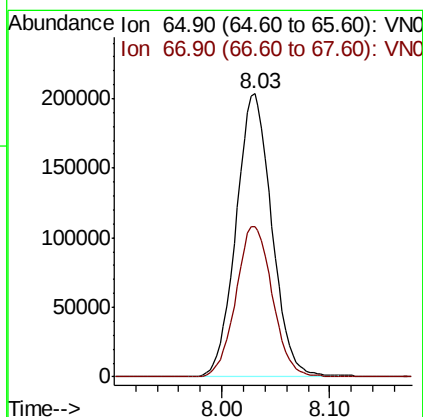
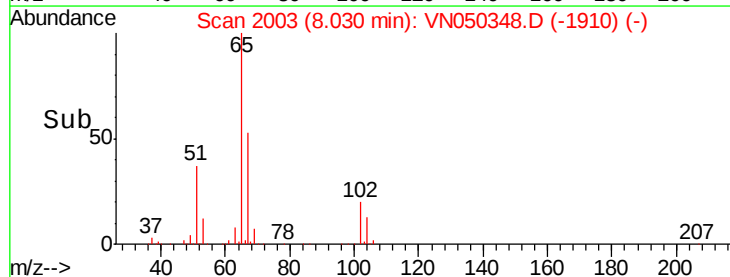
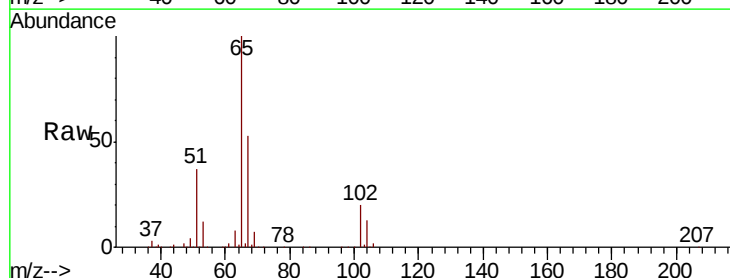
Instrument :
MSVOA_N
ClientSampled :
C-11

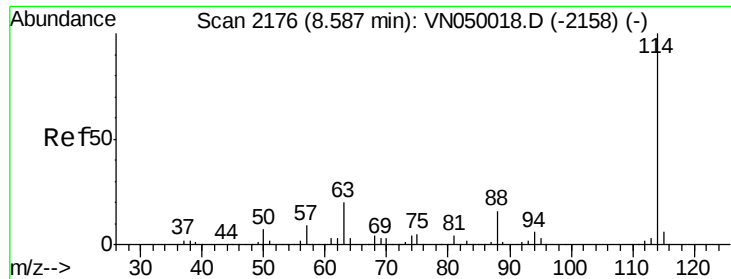
Tot Ion: 56 Resp: 12821
Ion Ratio Lower Upper
56 100
69 181.9 26.2 39.4#
84 124.6 67.4 101.0#



#33
1,2-Dichloroethane-d4
Concen: 49.65 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

Tgt Ion: 65 Resp: 469378
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.4

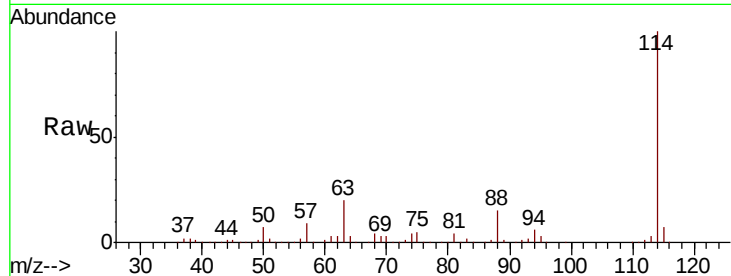




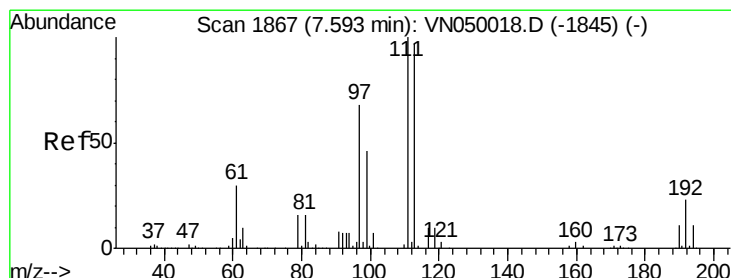
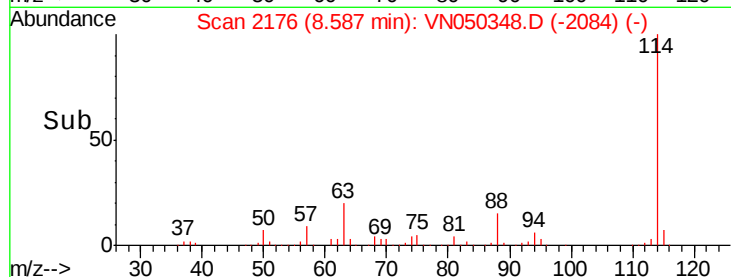
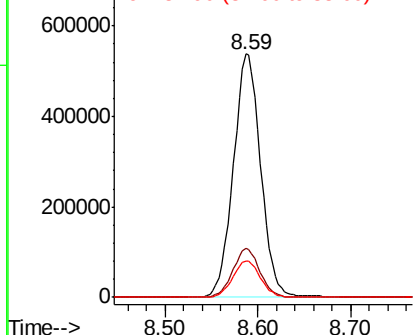
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050348.D
 Acq: 4 Aug 2018 6:43

Instrument :
 MSVOA_N
 ClientSampleId :
 C-11

Tot Ion:114 Resp: 1099244
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.0 0.0 31.2

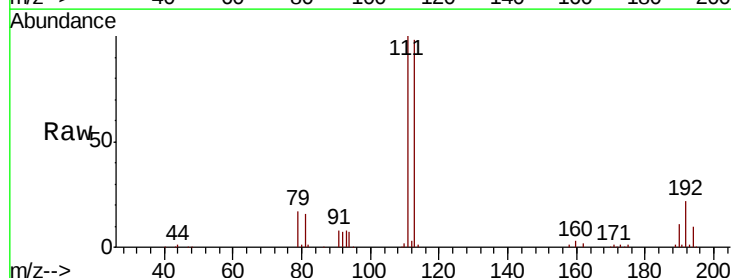


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

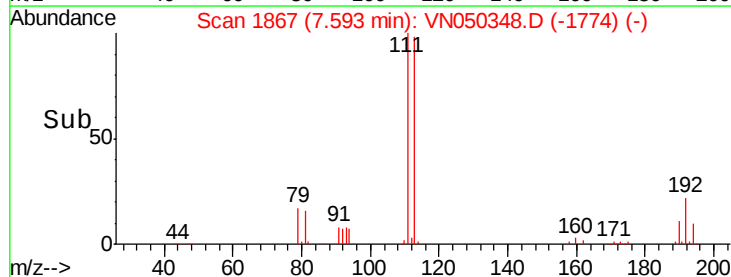
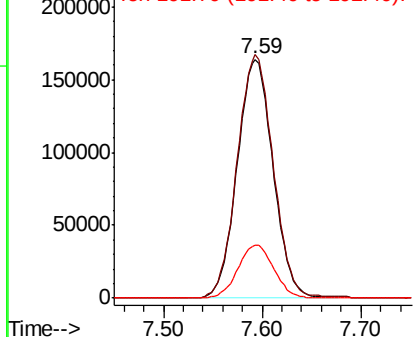


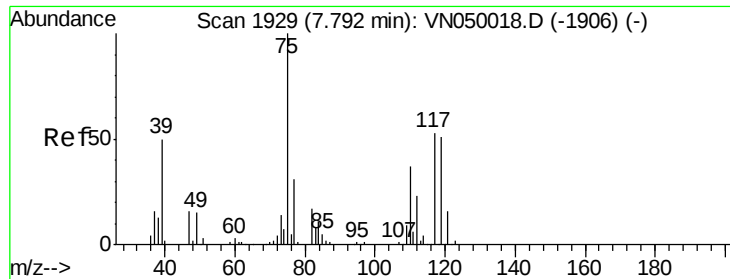
#35
 Dibromofluoromethane
 Concen: 46.00 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050348.D
 Acq: 4 Aug 2018 6:43

Tgt Ion:113 Resp: 412853
 Ion Ratio Lower Upper
 113 100
 111 102.8 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

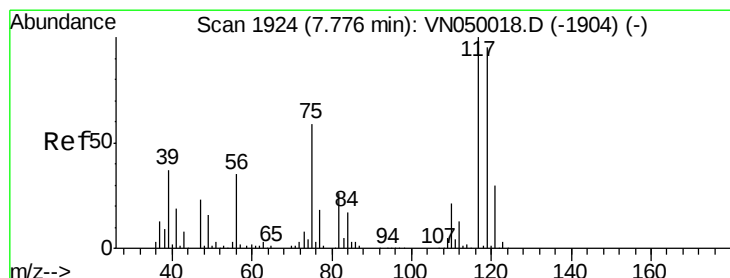
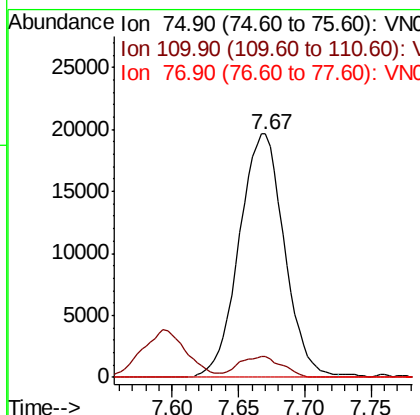
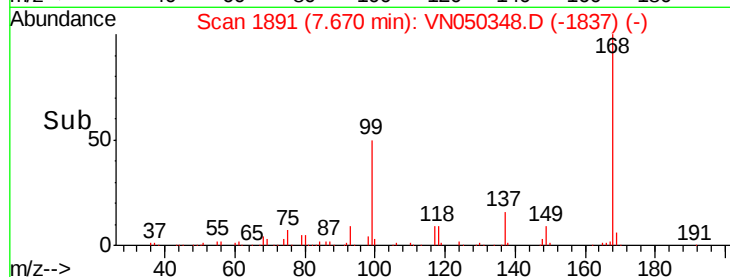
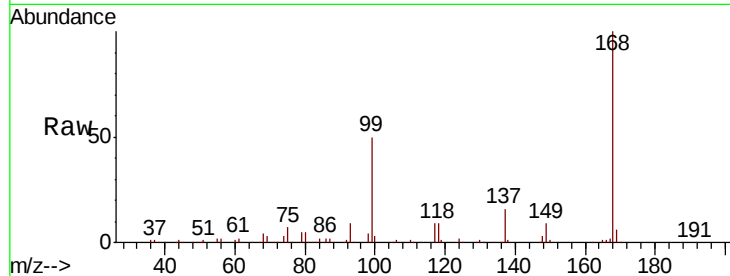




#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050348.D
 Acq: 4 Aug 2018 6:43

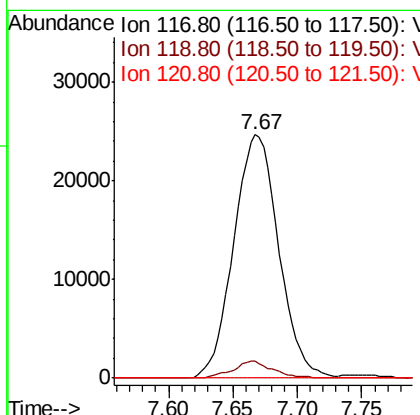
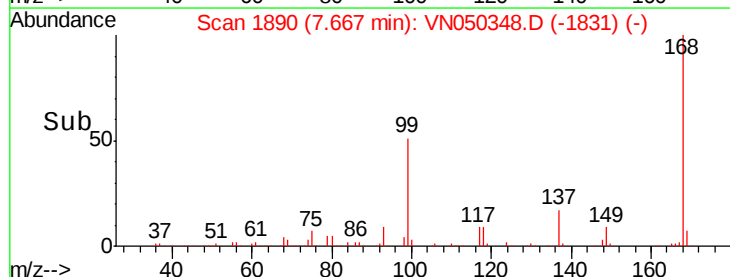
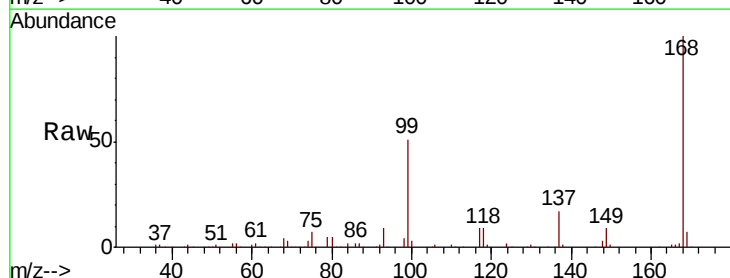
Instrument :
 MSVOA_N
 ClientSampled :
 C-11

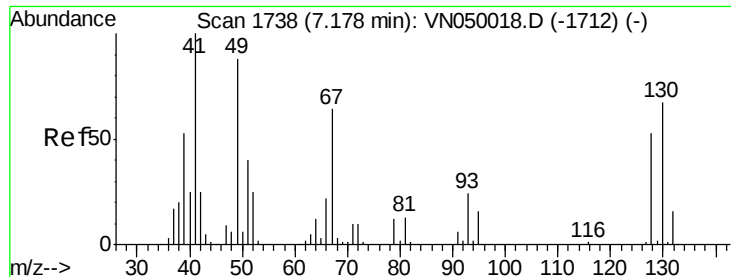
Tot Ion: 75 Resp: 46530
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.56 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050348.D
 Acq: 4 Aug 2018 6:43

Tgt Ion: 117 Resp: 59880
 Ion Ratio Lower Upper
 117 100
 119 6.8 77.4 116.0#
 121 0.0 23.9 35.9#

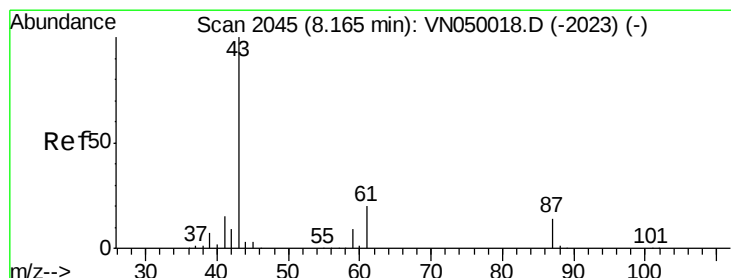
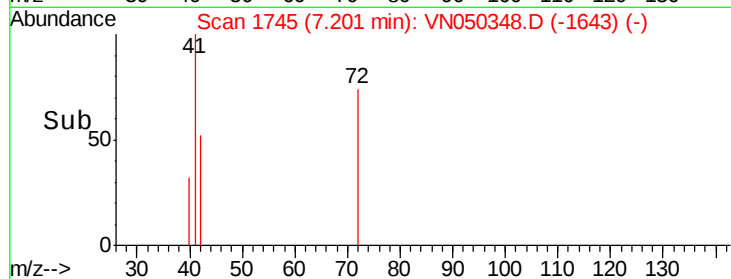
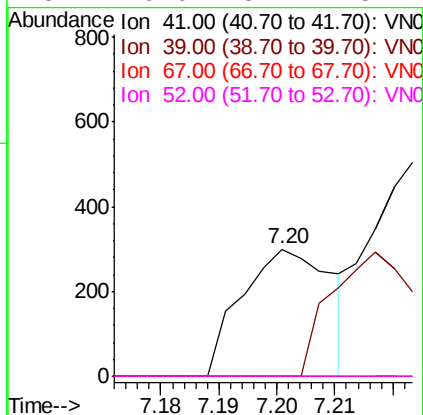
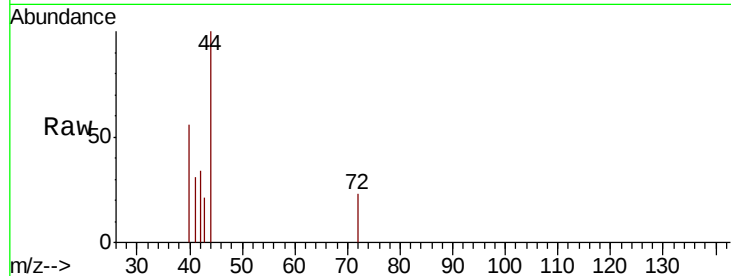




#41
Methacrylonitrile
Concen: 2.82 ug/l
RT: 7.20 min Scan# 1745
Delta R.T. 0.03 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

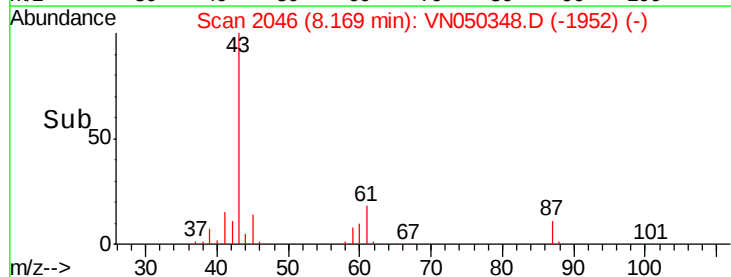
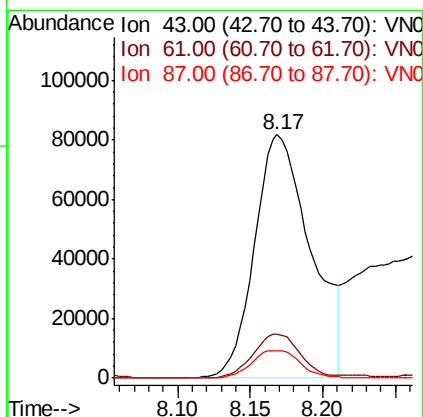
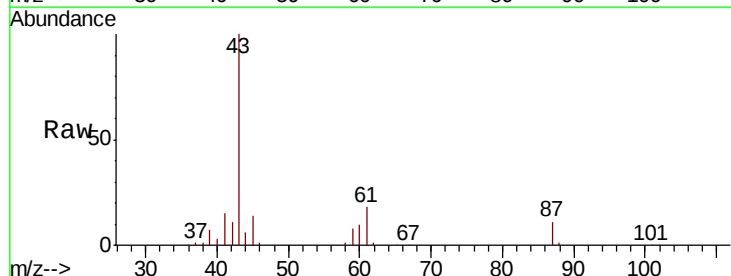
Instrument :
MSVOA_N
ClientSampled :
C-11

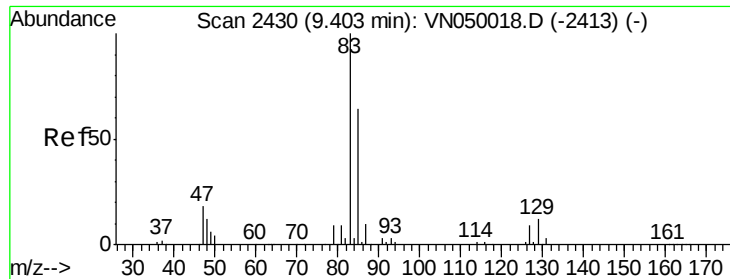
Tot Ion: 41 Resp: 322
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 12.63 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

Tgt Ion: 43 Resp: 219412
Ion Ratio Lower Upper
43 100
61 15.3 15.8 23.6#
87 10.0 10.3 15.5#





#47

Bromodichloromethane

Concen: 0.37 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampleId :

C-11

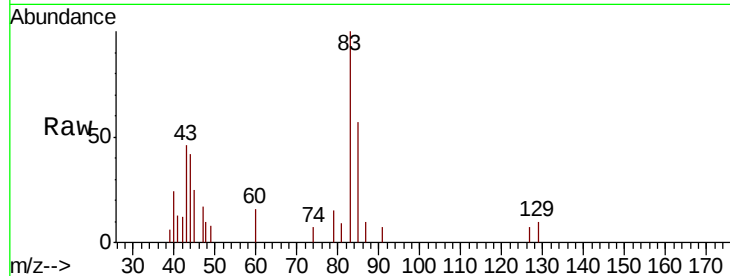
Tot Ion: 83 Resp: 4833

Ion Ratio Lower Upper

83 100

85 57.2 51.1 76.7

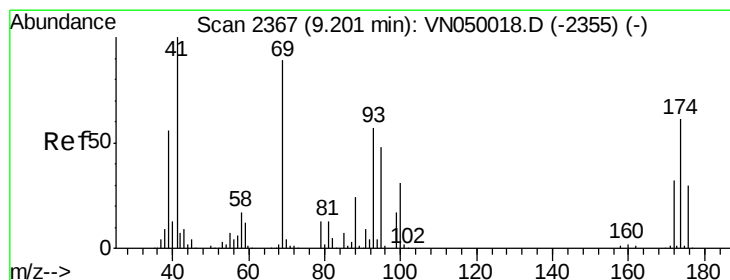
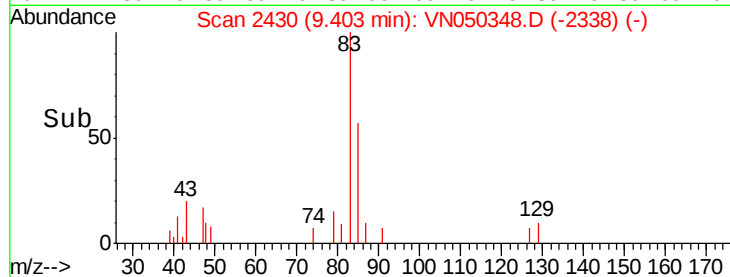
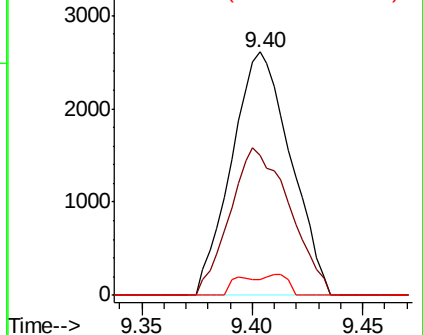
127 6.5 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 0.66 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. -0.02 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

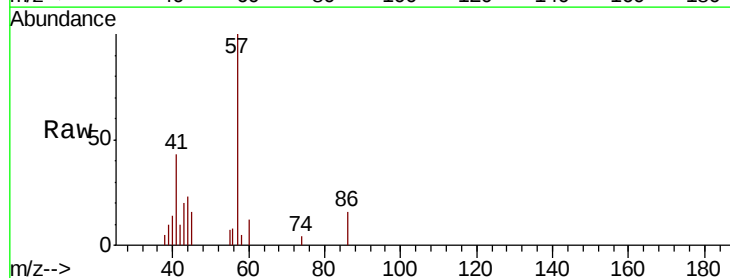
Tgt Ion: 41 Resp: 4884

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

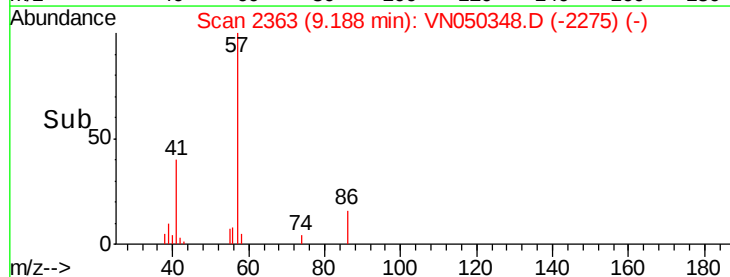
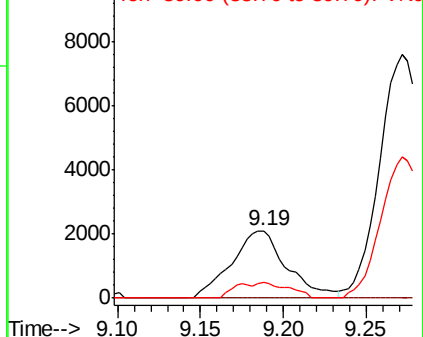
39 8.5 43.9 65.9#

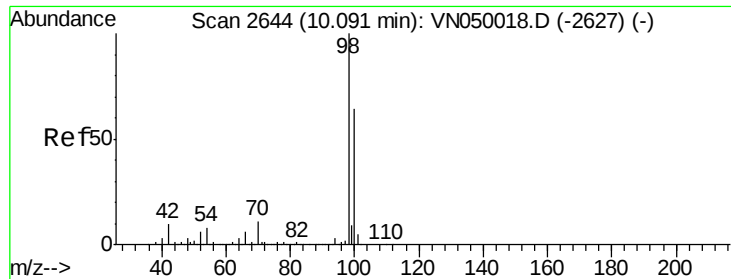


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

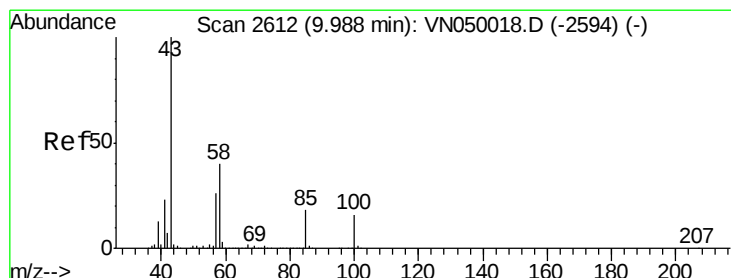
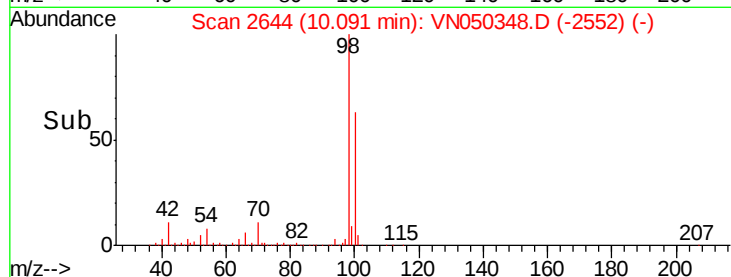
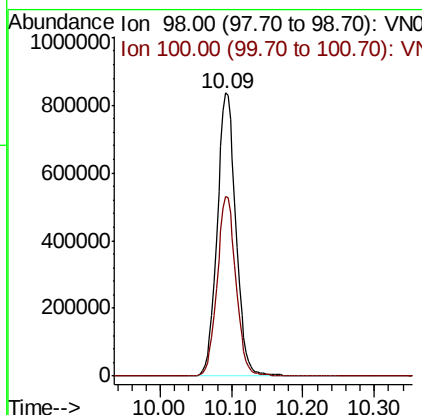
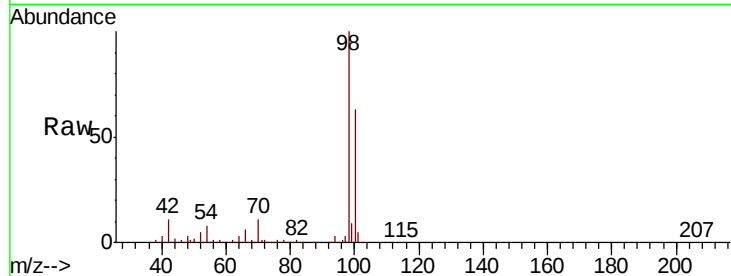




#50
Toluene-d8
Concen: 46.16 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

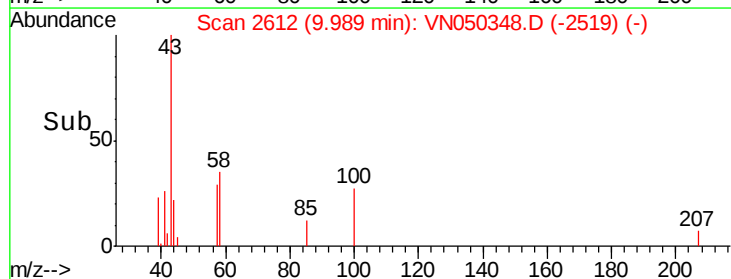
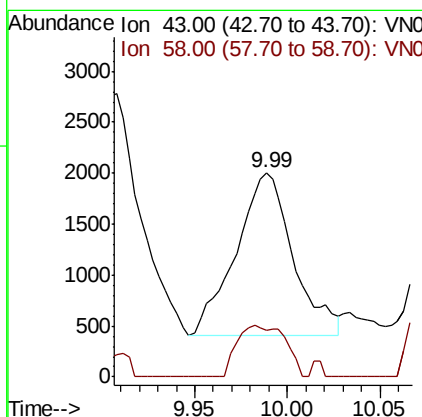
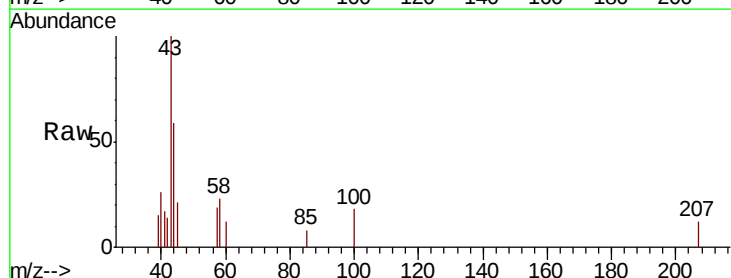
Instrument :
MSVOA_N
ClientSampled :
C-11

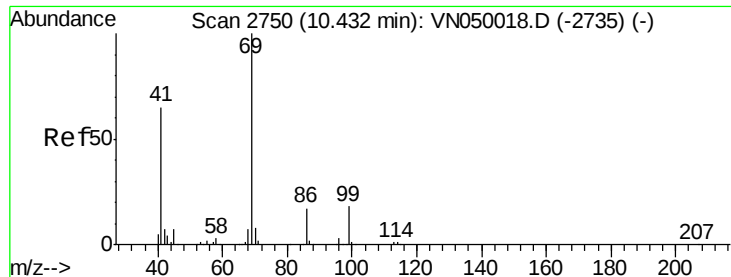
Tot Ion: 98 Resp: 1522969
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

Tgt Ion: 43 Resp: 3393
Ion Ratio Lower Upper
43 100
58 26.9 31.9 47.9#





#56

Ethyl methacrylate

Concen: 2.24 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.21 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampled :

C-11

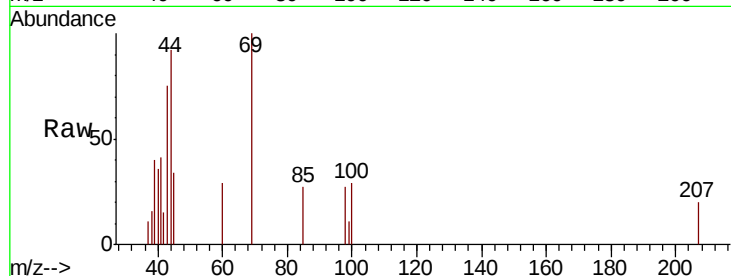
Tot Ion: 69 Resp: 2598

Ion Ratio Lower Upper

69 100

41 28.6 51.0 76.4#

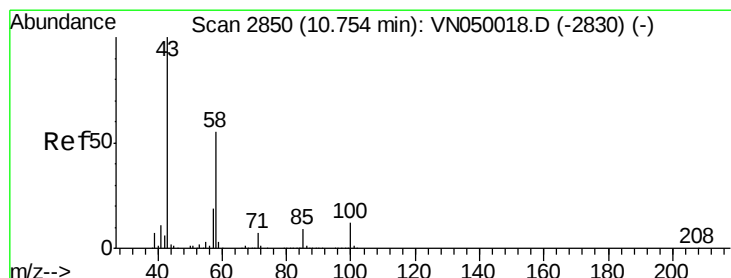
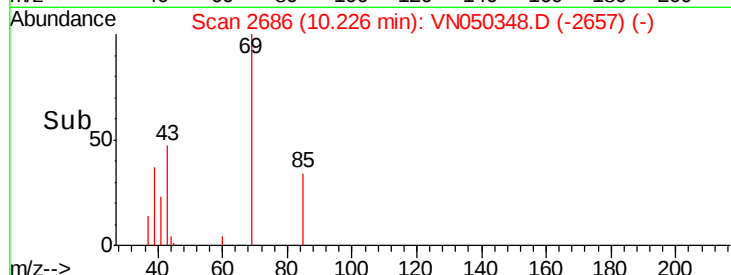
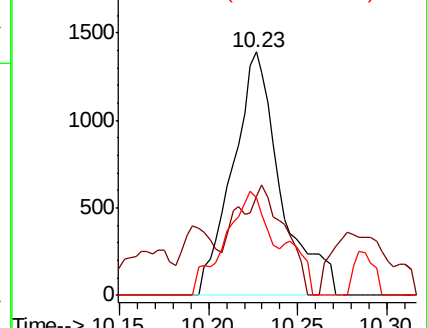
39 39.0 26.6 40.0



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 6.63 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050348.D

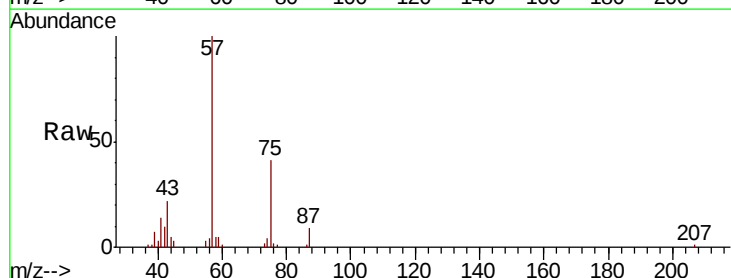
Acq: 4 Aug 2018 6:43

Tgt Ion: 43 Resp: 9247

Ion Ratio Lower Upper

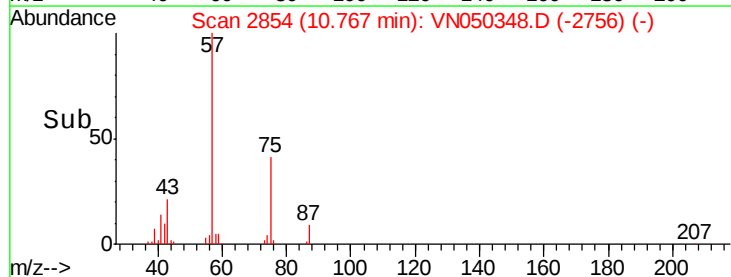
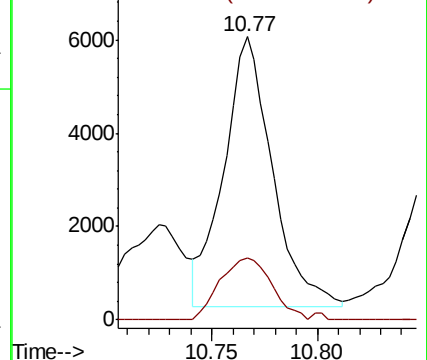
43 100

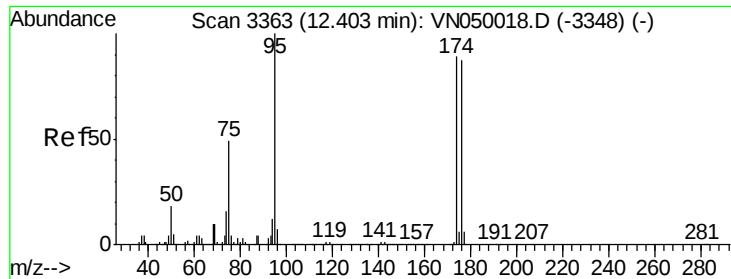
58 24.5 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

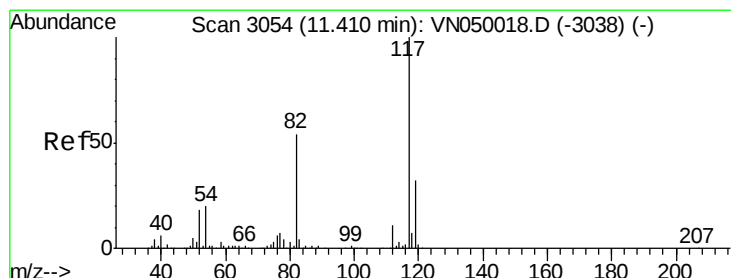
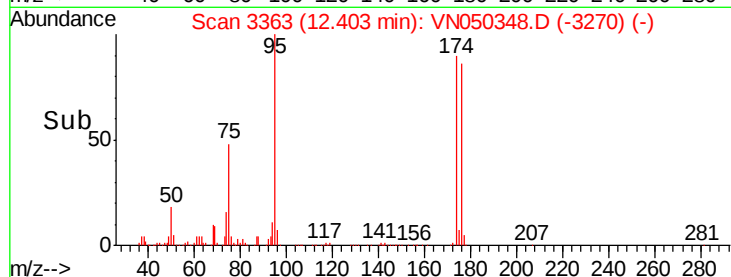
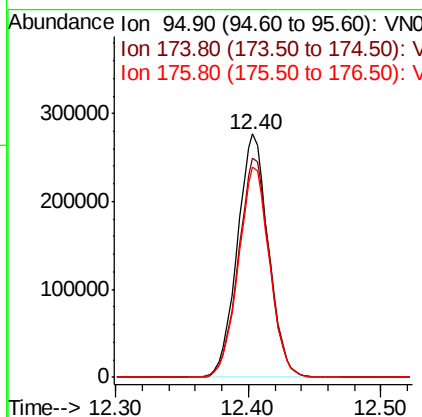
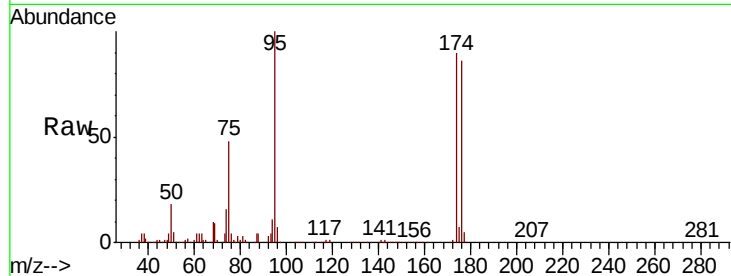




#62
4-Bromofluorobenzene
Concen: 41.21 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

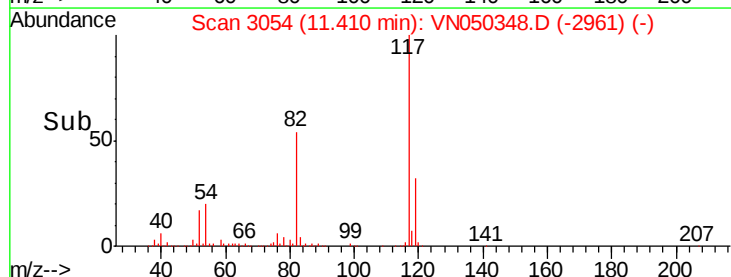
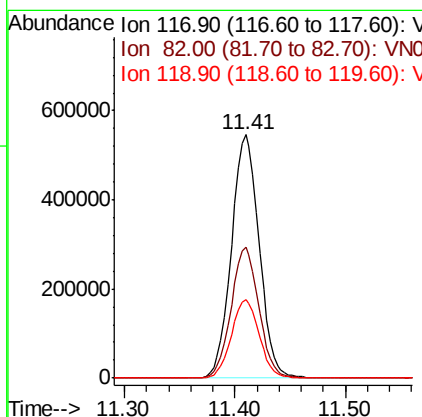
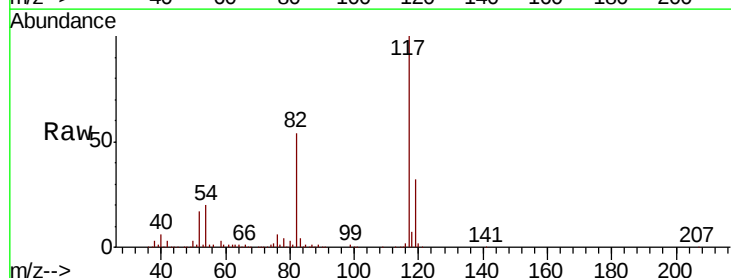
Instrument :
MSVOA_N
ClientSampled :
C-11

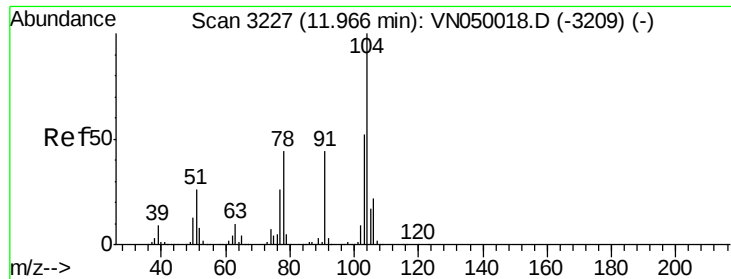
Tot Ion: 95 Resp: 447728
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.2
176 87.0 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

Tgt Ion: 117 Resp: 951334
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.1 26.1 39.1

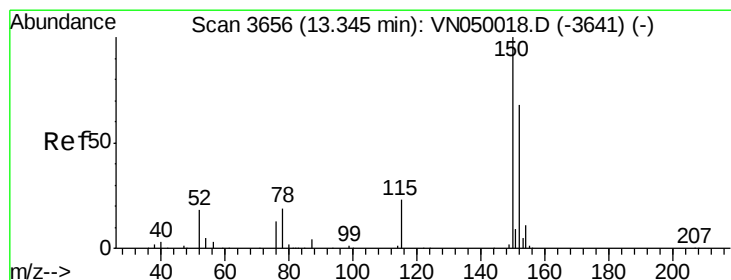
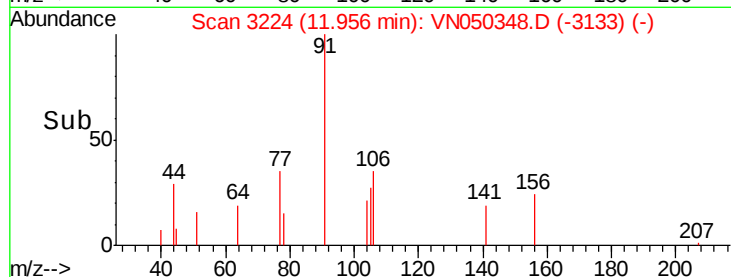
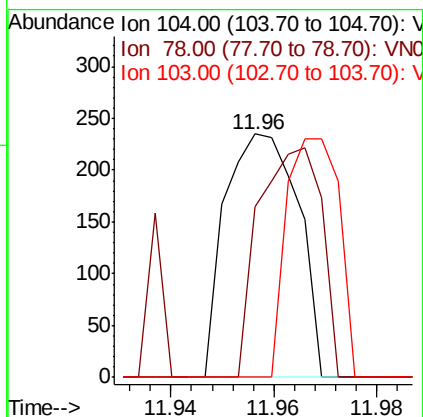
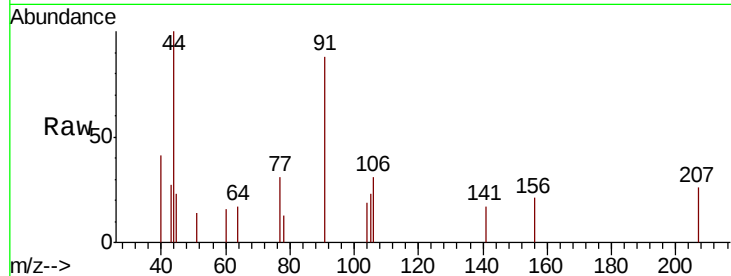




#70
Stvrene
Concen: 0.93 ug/l
RT: 11.96 min Scan# 3224
Delta R.T. -0.01 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

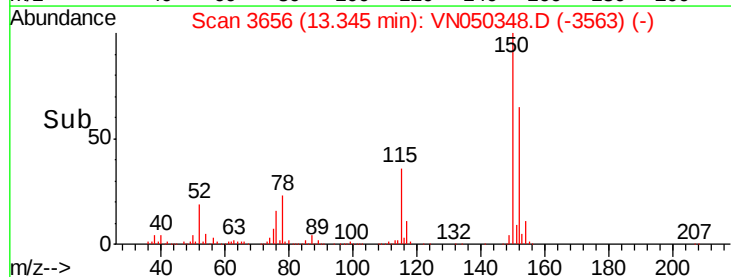
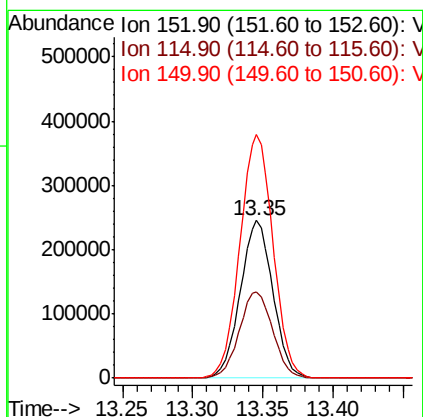
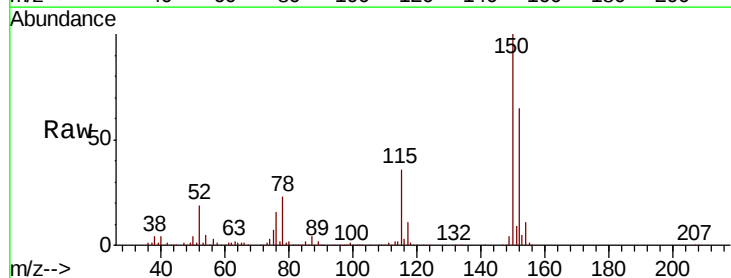
Instrument :
MSVOA_N
ClientSampled :
C-11

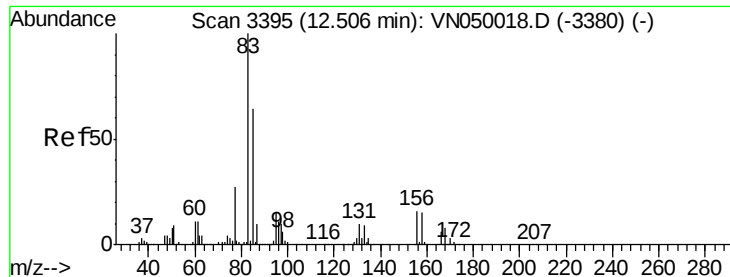
Tot Ion:104 Resp: 229
Ion Ratio Lower Upper
104 100
78 81.2 39.3 58.9#
103 70.7 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050348.D
Acq: 4 Aug 2018 6:43

Tgt Ion:152 Resp: 396861
Ion Ratio Lower Upper
152 100
115 56.2 27.8 83.3
150 157.1 0.0 348.6





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampleId :

C-11

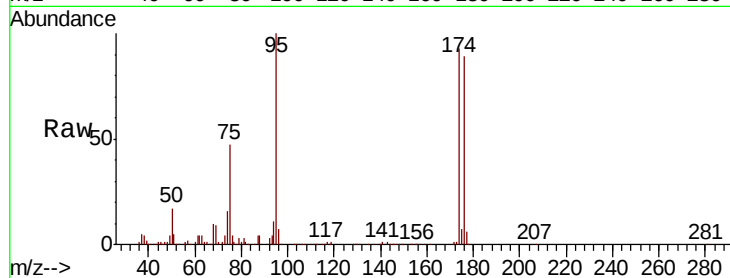
Tot Ion: 83 Resp: 262

Ion Ratio Lower Upper

83 100

131 166.4 5.1 15.3#

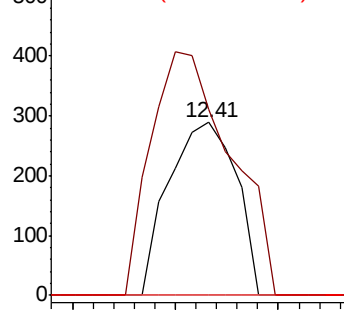
85 0.0 32.3 96.8#



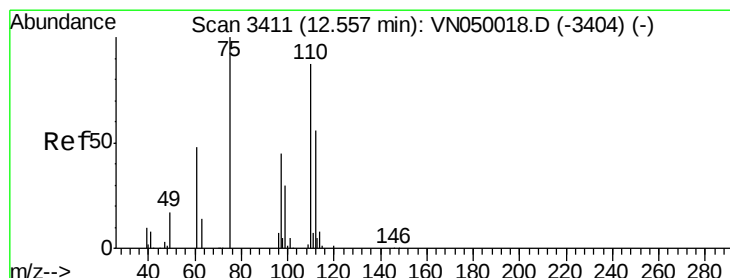
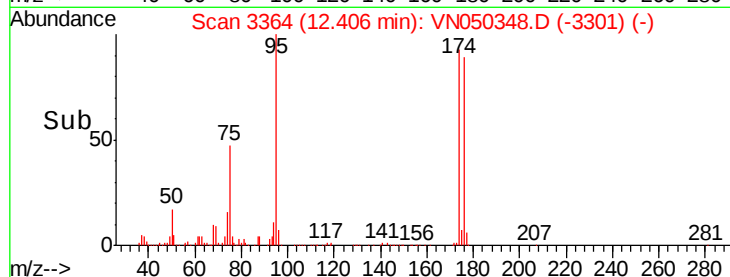
Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



Time--> 12.38 12.40 12.42



#76

1,2,3-Trichloropropane

Concen: 29.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050348.D

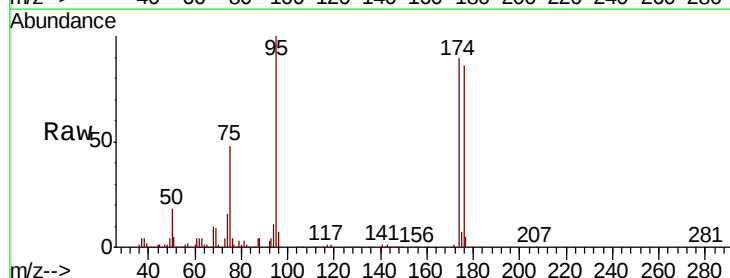
Acq: 4 Aug 2018 6:43

Tgt Ion: 75 Resp: 217764

Ion Ratio Lower Upper

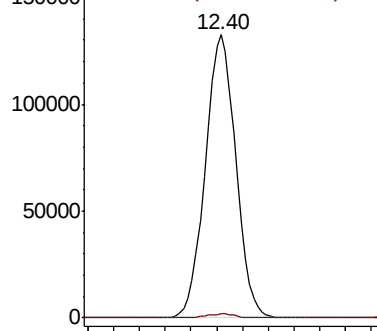
75 100

77 1.3 0.0 0.0#

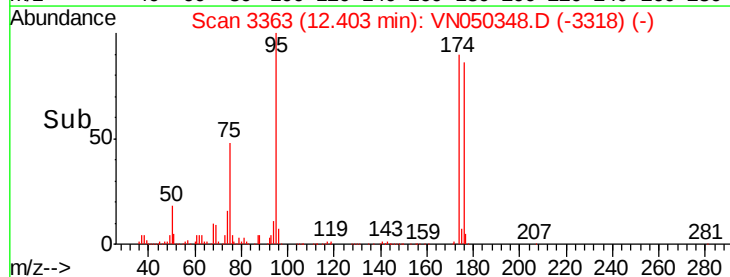


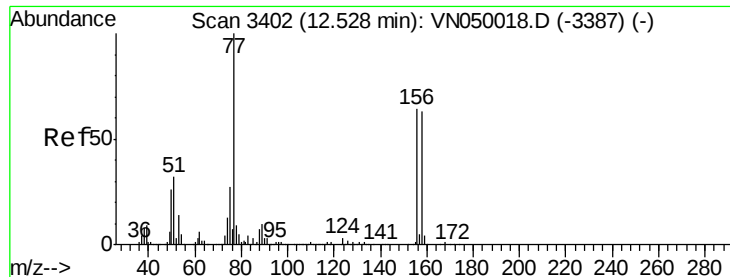
Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time--> 12.30 12.40 12.50





#77

Bromobenzene

Concen: 0.55 ug/l

RT: 12.54 min Scan# 3404

Delta R.T. 0.01 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampled :

C-11

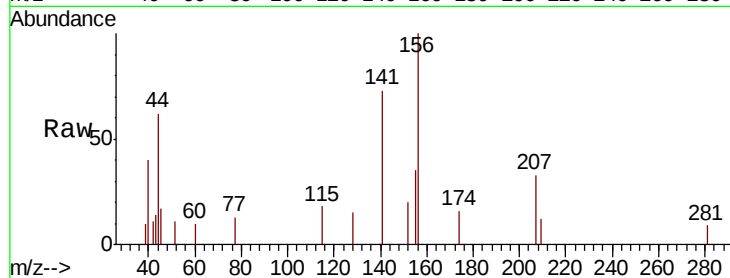
Tot Ion:156 Resp: 4699

Ion Ratio Lower Upper

156 100

77 7.6 91.7 275.1#

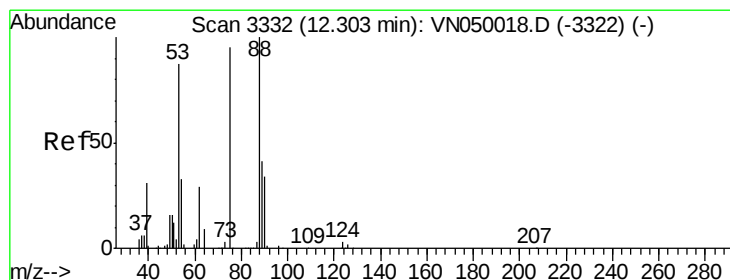
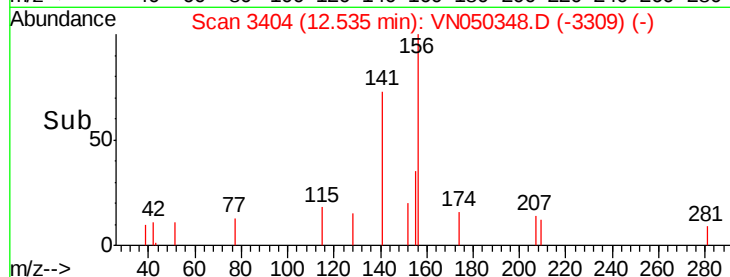
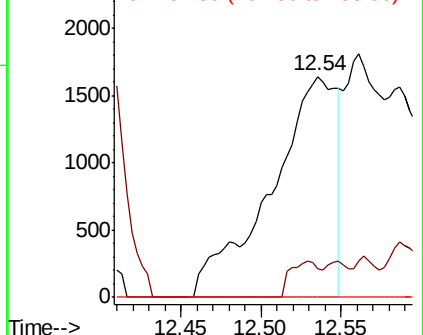
158 0.0 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 93.65 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

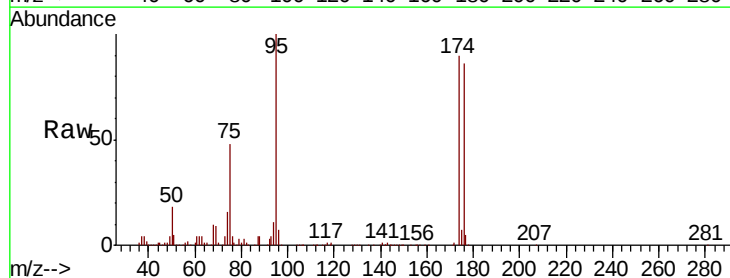
Tgt Ion: 75 Resp: 217764

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

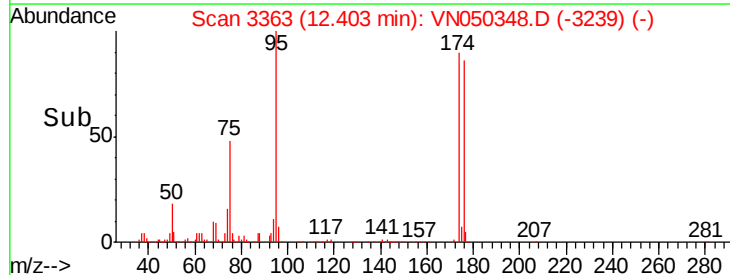
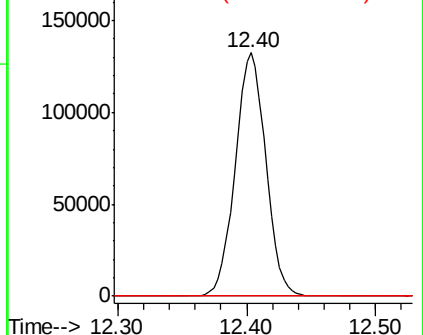
89 0.0 36.0 54.0#

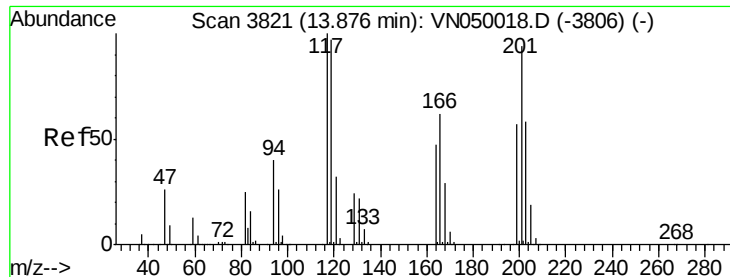


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#90

Hexachloroethane

Concen: 0.25 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampled :

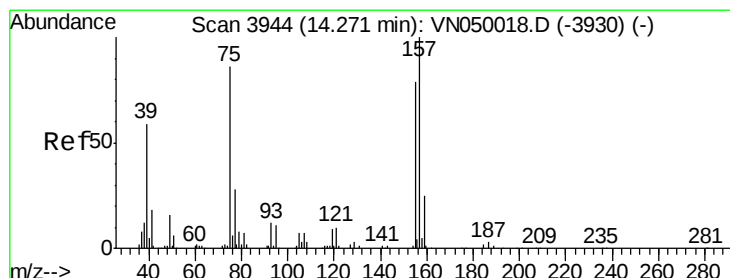
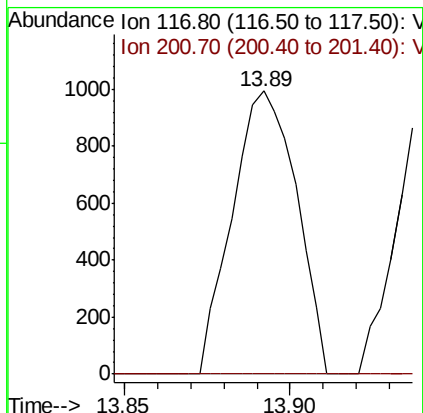
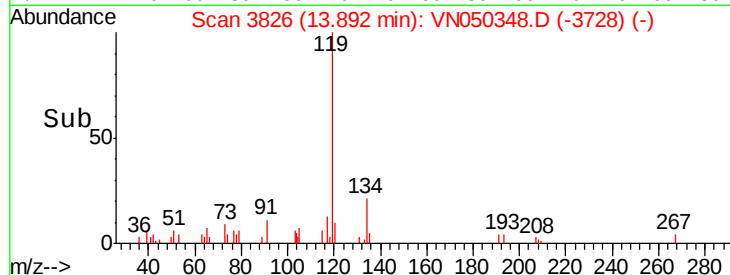
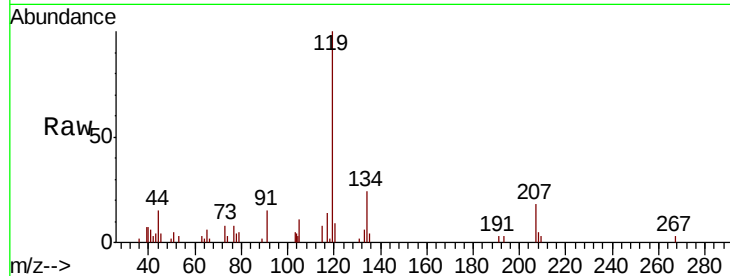
C-11

Tot Ion:117 Resp: 1338

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

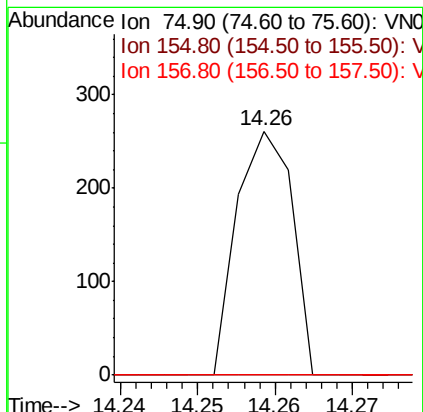
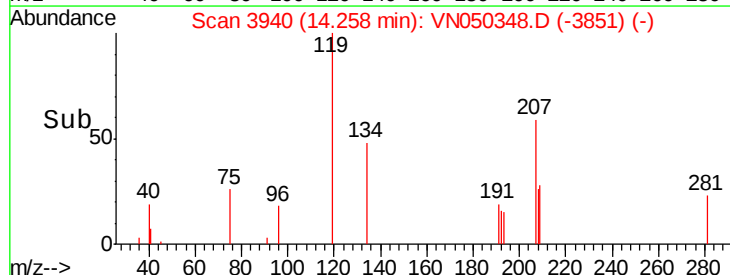
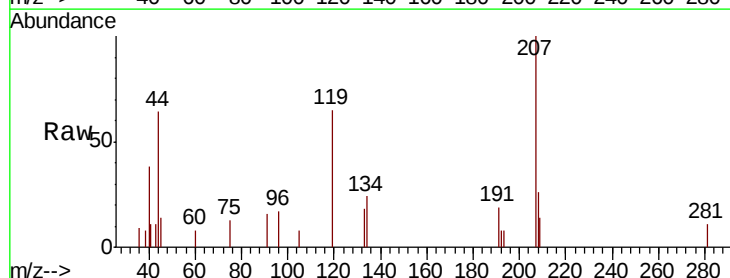
Tgt Ion: 75 Resp: 130

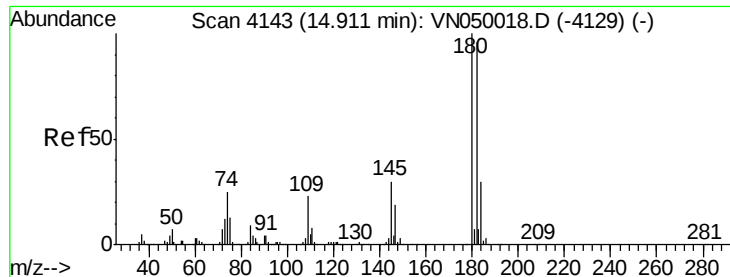
Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#





#93

1,2,4-Trichlorobenzene

Concen: 3.10 ug/l

RT: 14.90 min Scan# 4140

Delta R.T. -0.01 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

Instrument :

MSVOA_N

ClientSampled :

C-11

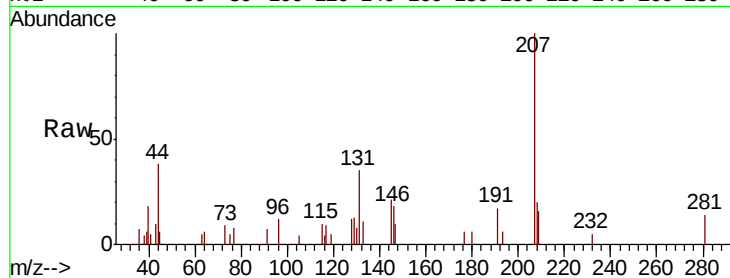
Tot Ion:180 Resp: 136

Ion Ratio Lower Upper

180 100

182 130.1 46.7 140.1

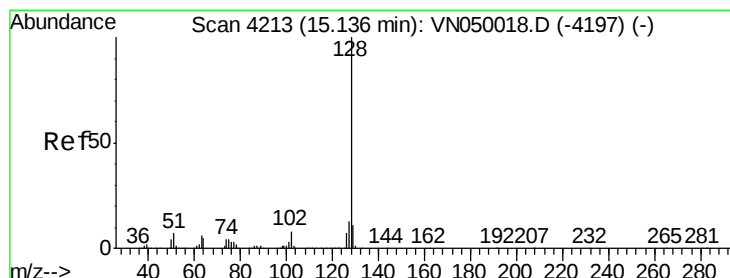
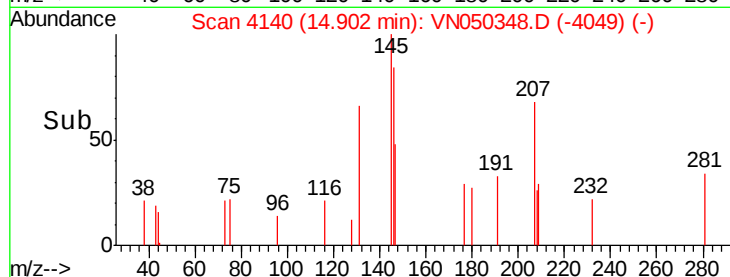
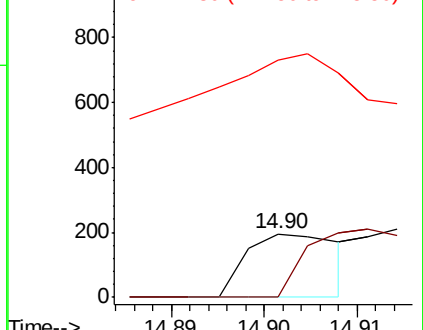
145 1649.3 13.8 41.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 9.13 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050348.D

Acq: 4 Aug 2018 6:43

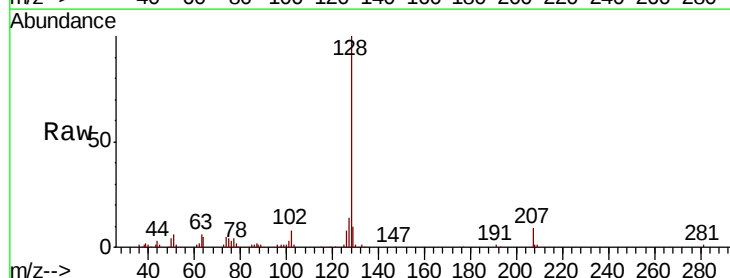
Tgt Ion:128 Resp: 93684

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 10.8 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

