

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050684.D
 Acq On : 16 Aug 2018 4:26
 Operator : MD\SY
 Sample : J4471-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Aug 16 04:53:37 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	603886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1000571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	861155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319293	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	416336	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	
35) Dibromofluoromethane	7.59	113	379959	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
50) Toluene-d8	10.09	98	1370542	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.40	95	387412	39.01	ug/l	0.00
Spiked Amount			Recovery	=	78.02%	

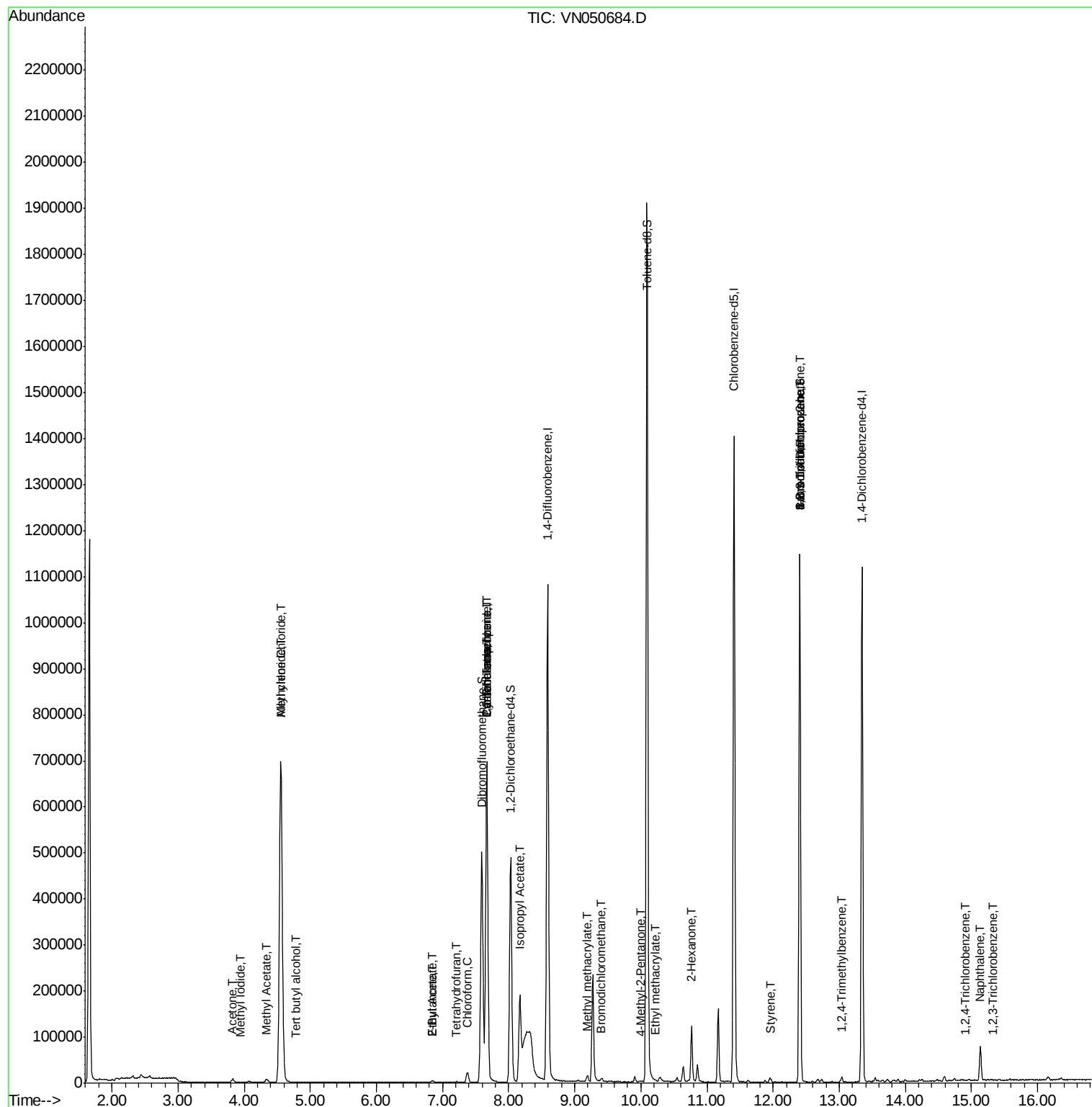
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2503	Below Cal		96
5) Bromomethane	2.57	94	3269	Below Cal	#	80
6) Chloroethane	2.71	64	370	Below Cal	#	43
10) Methyl Iodide	3.95	142	1174	7.15	ug/l	# 53
11) Tert butyl alcohol	4.79	59	313	0.75	ug/l	# 72
14) Allyl chloride	4.55	41	19544	1.92	ug/l	# 26
16) Acetone	3.82	43	12738	5.28	ug/l	92
18) Methyl Acetate	4.33	43	13486	1.56	ug/l	98
20) Methylene Chloride	4.55	84	554734	77.37	ug/l	98
25) 2-Butanone	6.85	43	6022	1.93	ug/l	98
29) Tetrahydrofuran	7.22	42	794	0.49	ug/l	# 39
30) Chloroform	7.37	83	23287	1.70	ug/l	94
31) Cyclohexane	7.66	56	10748	0.59	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	42186	3.79	ug/l	# 47
37) Ethyl Acetate	6.85	43	6022	0.96	ug/l	# 67
38) Carbon Tetrachloride	7.67	117	53930	4.67	ug/l	# 16
43) Isopropyl Acetate	8.17	43	240041	20.92	ug/l	96
47) Bromodichloromethane	9.41	83	4567	0.40	ug/l	99
48) Methyl methacrylate	9.18	41	7302	1.26	ug/l	# 15
51) 4-Methyl-2-Pentanone	9.99	43	2003	0.26	ug/l	# 77
56) Ethyl methacrylate	10.23	69	2215	2.13	ug/l	# 81
59) 2-Hexanone	10.77	43	18500	3.69	ug/l	# 61
70) Styrene	11.97	104	1935	1.03	ug/l	# 91
71) Bromoform	12.40	173	2881	0.54	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.40	83	265	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	184631	35.49	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	184631	128.56	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.04	105	6651	0.33	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	161	2.70	ug/l	62
95) Naphthalene	15.13	128	64886	8.74	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	31	1.94	ug/l	# 1

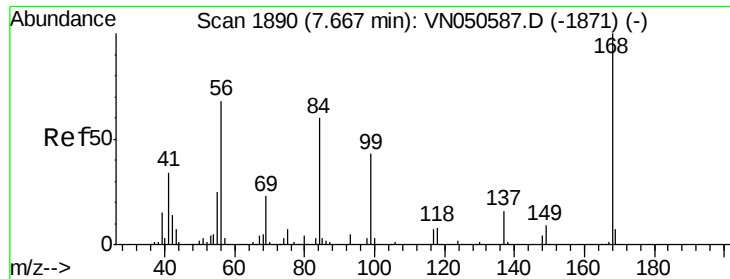
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampleId :

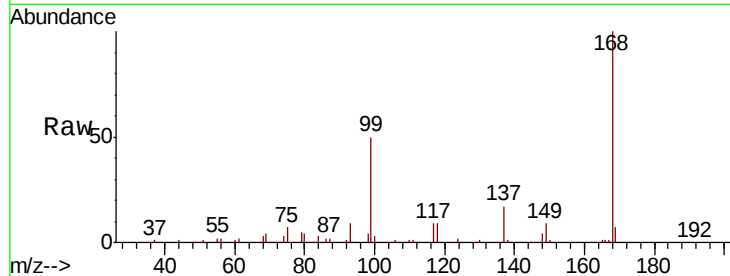
TP-5

Tot Ion:168 Resp: 603886

Ion Ratio Lower Upper

168 100

99 50.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

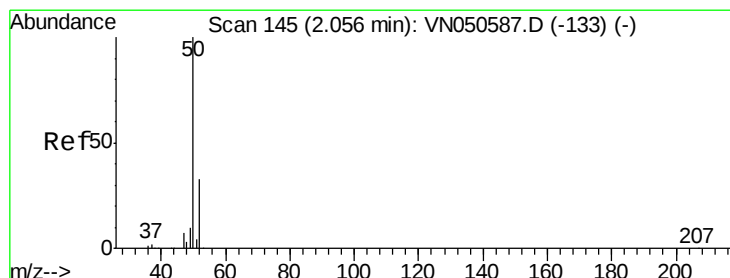
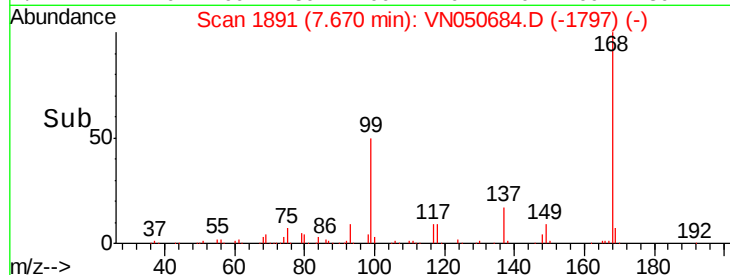
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050684.D

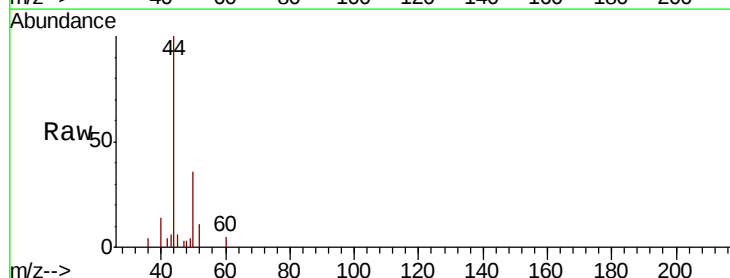
Acq: 16 Aug 2018 4:26

Tgt Ion: 50 Resp: 2503

Ion Ratio Lower Upper

50 100

52 30.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2000

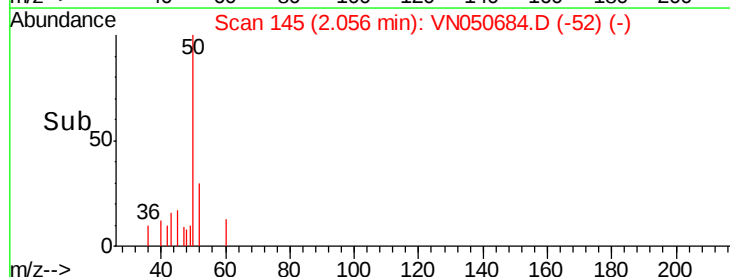
1500

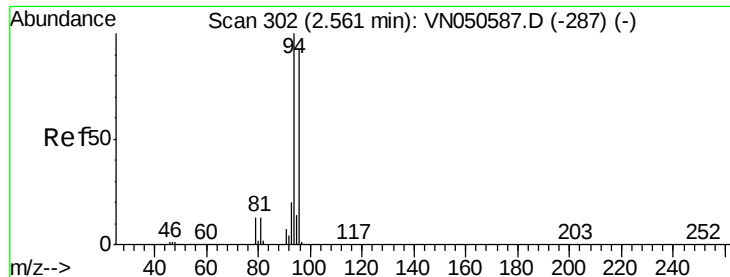
1000

500

0

Time--> 2.05 2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampled :

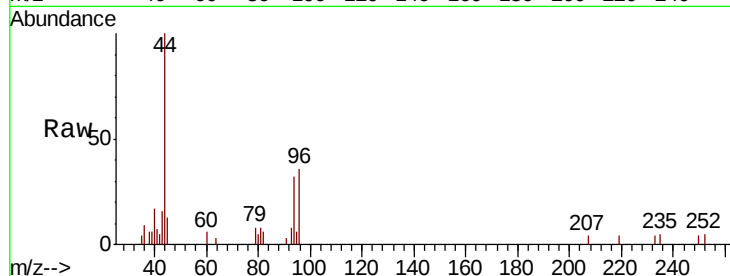
TP-5

Tot Ion: 94 Resp: 3269

Ion Ratio Lower Upper

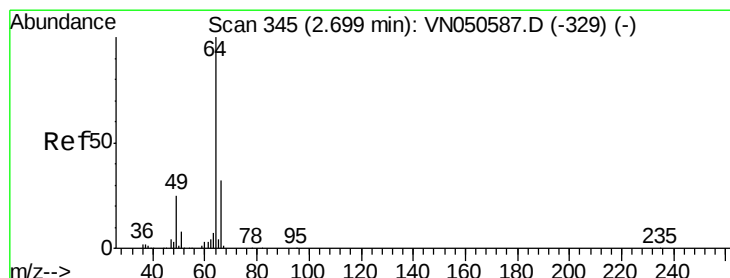
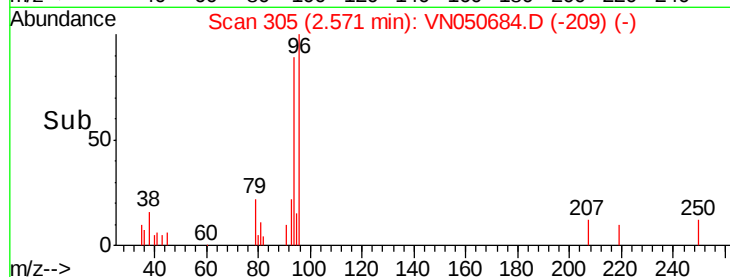
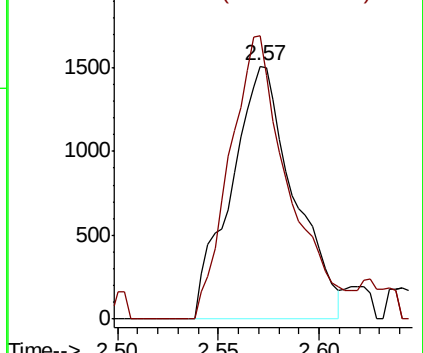
94 100

96 111.9 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: 2.71 min Scan# 349

Delta R.T. 0.01 min

Lab File: VN050684.D

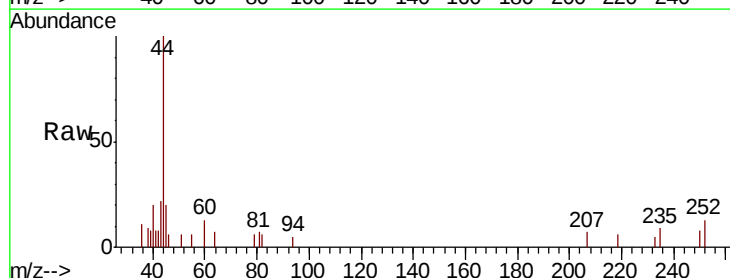
Acq: 16 Aug 2018 4:26

Tgt Ion: 64 Resp: 370

Ion Ratio Lower Upper

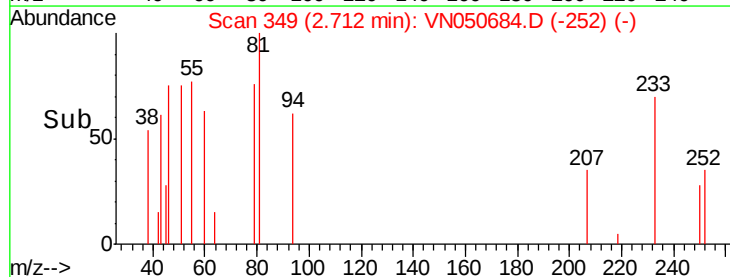
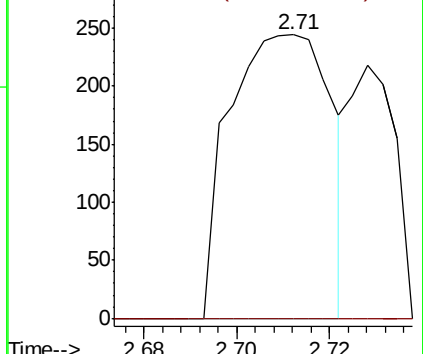
64 100

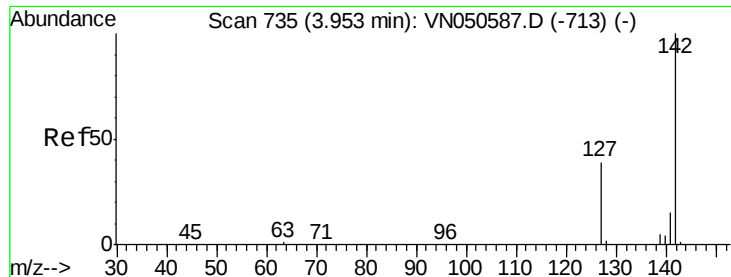
66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

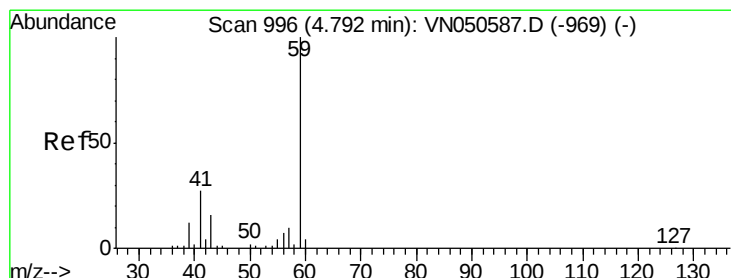
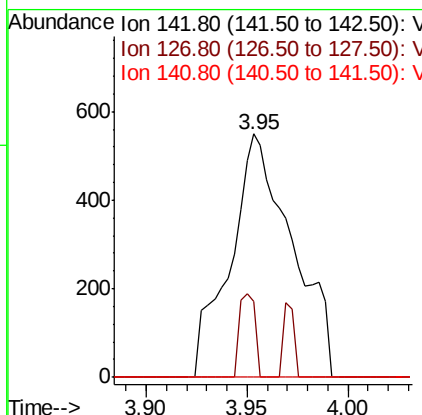
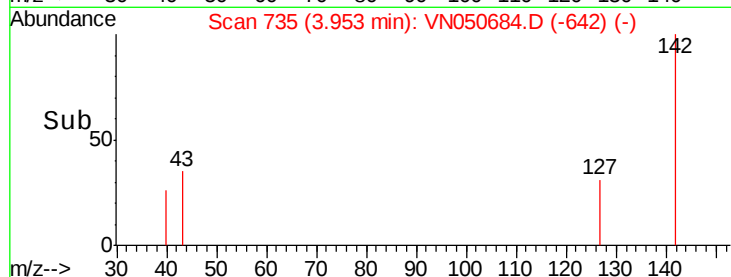
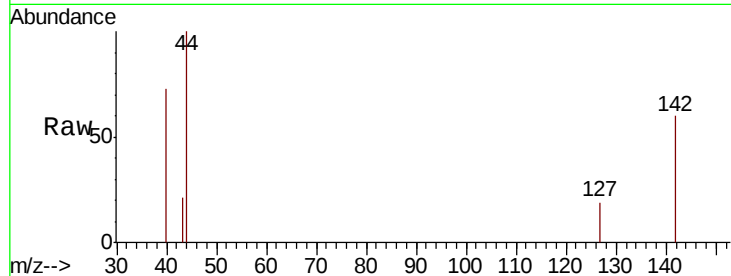




#10
Methvl Iodide
Concen: 7.15 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

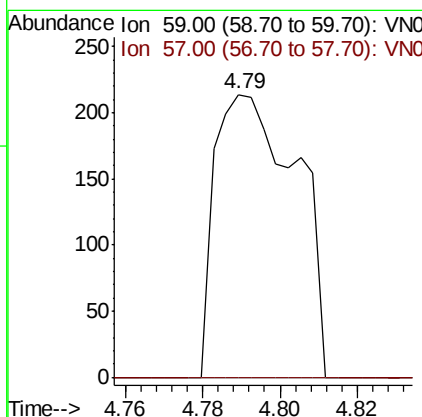
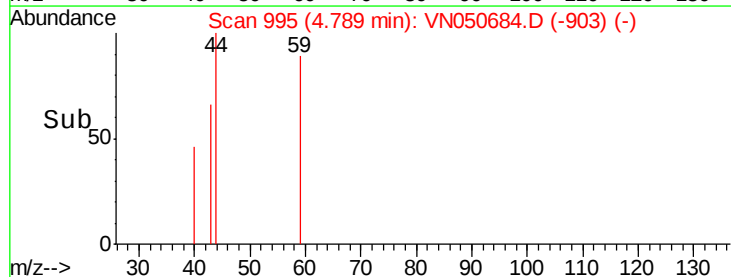
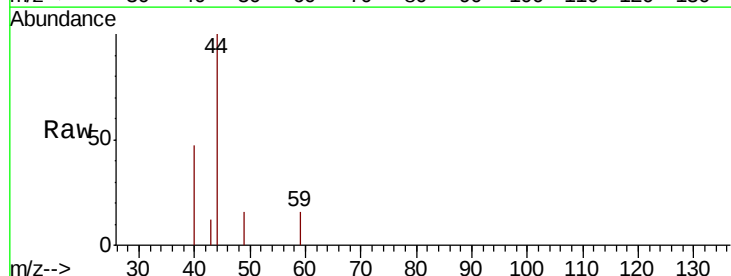
Instrument :
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ClientSampled :
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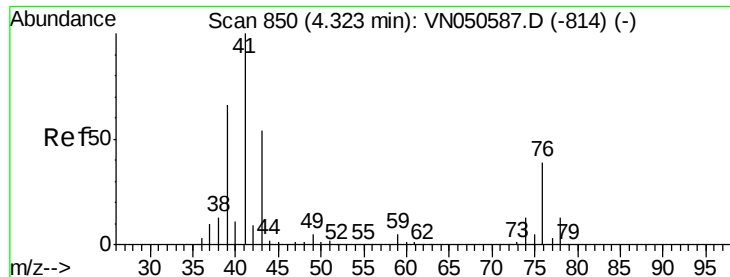
Tot Ion:142 Resp: 1174
Ion Ratio Lower Upper
142 100
127 8.8 32.6 49.0#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.75 ug/l
RT: 4.79 min Scan# 995
Delta R.T. -0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Tgt Ion: 59 Resp: 313
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#14

Allvl chloride

Concen: 1.92 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampled :

TP-5

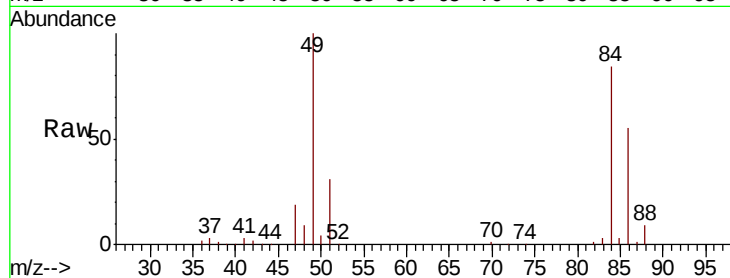
Tot Ion: 41 Resp: 19544

Ion Ratio Lower Upper

41 100

39 0.3 51.4 77.0#

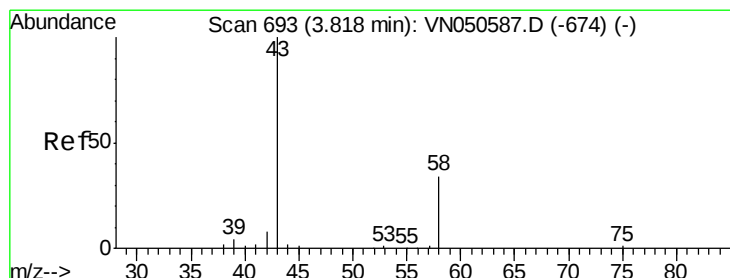
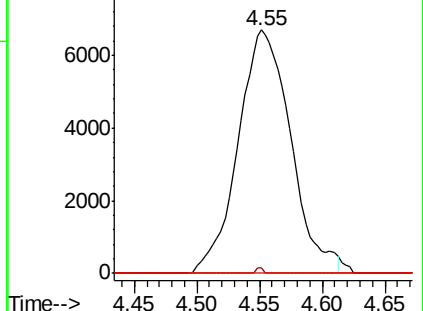
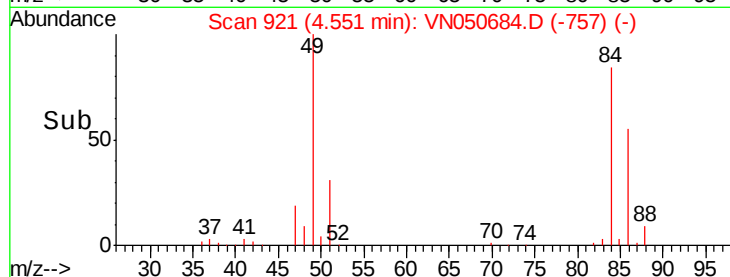
76 0.0 29.4 44.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 5.28 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050684.D

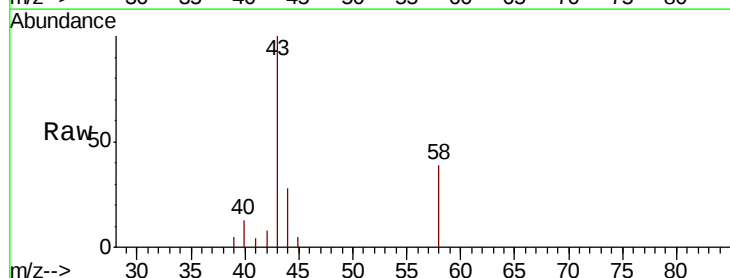
Acq: 16 Aug 2018 4:26

Tgt Ion: 43 Resp: 12738

Ion Ratio Lower Upper

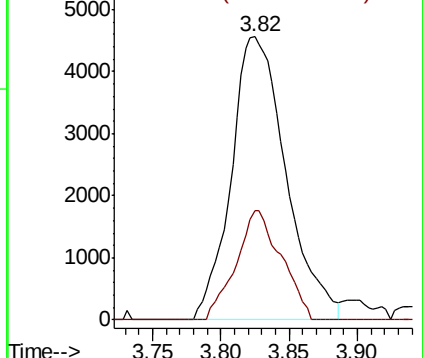
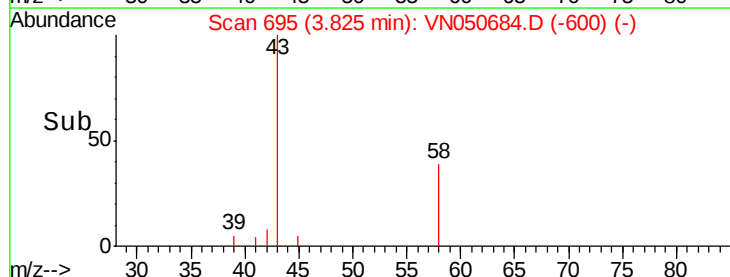
43 100

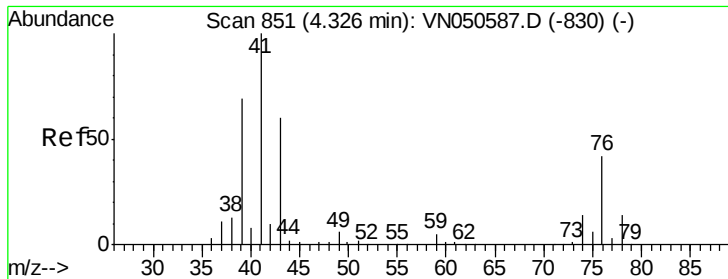
58 38.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

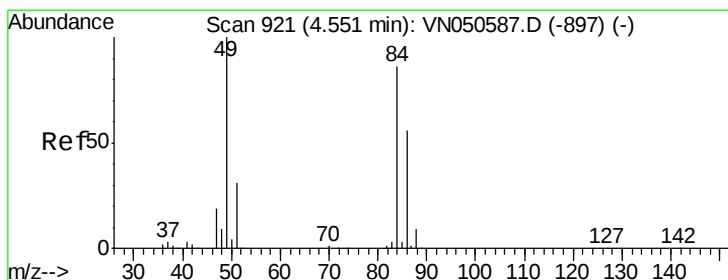
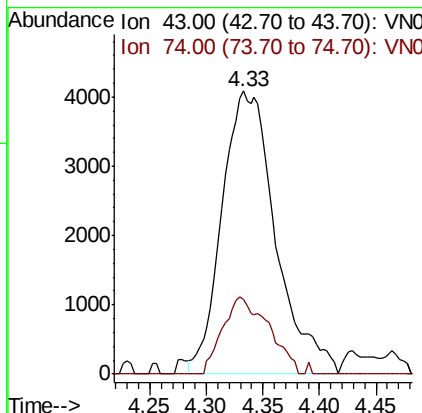
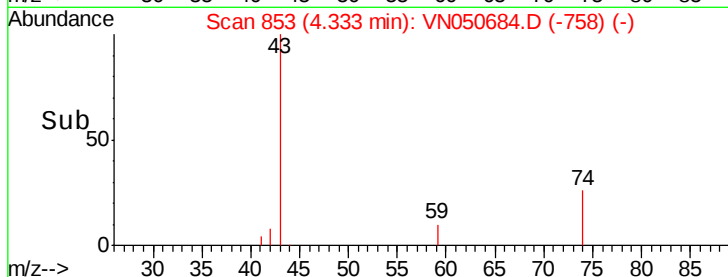
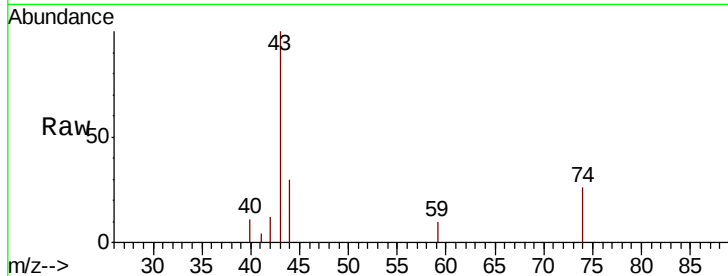




#18
Methvl Acetate
Concen: 1.56 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

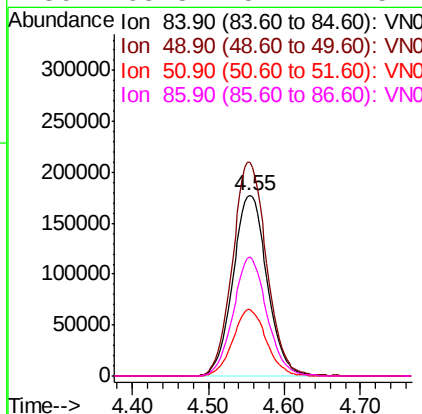
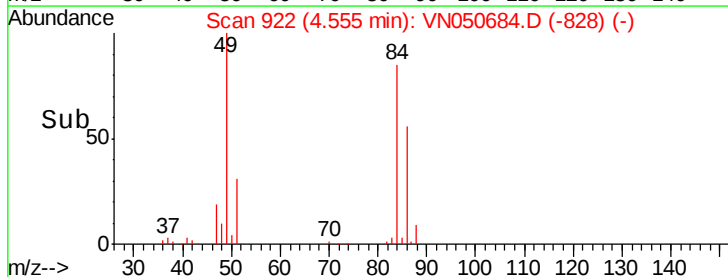
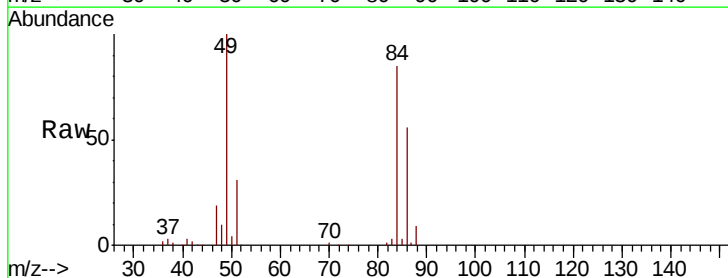
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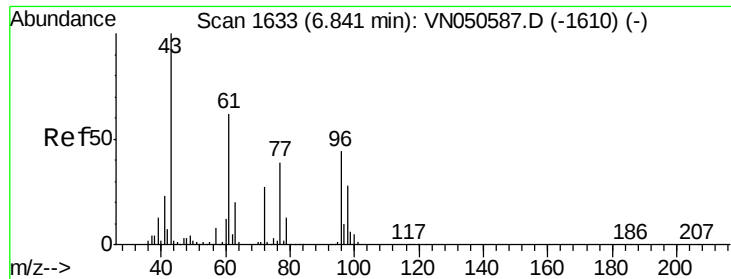
Tot Ion: 43 Resp: 13486
Ion Ratio Lower Upper
43 100
74 23.4 19.7 29.5



#20
Methylene Chloride
Concen: 77.37 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Tgt Ion: 84 Resp: 554734
Ion Ratio Lower Upper
84 100
49 118.2 92.6 138.8
51 36.6 28.6 43.0
86 65.8 52.2 78.2

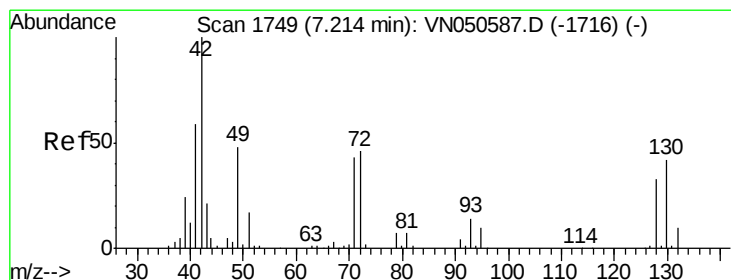
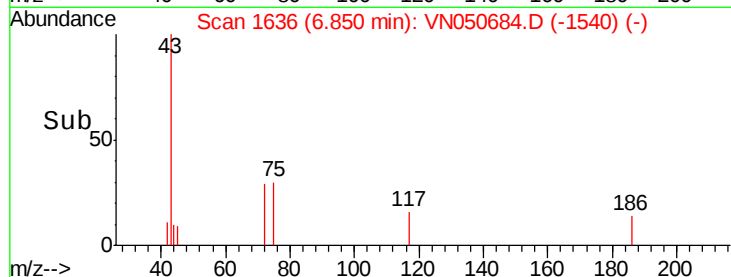
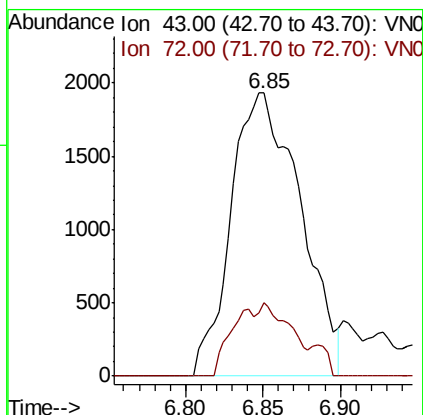
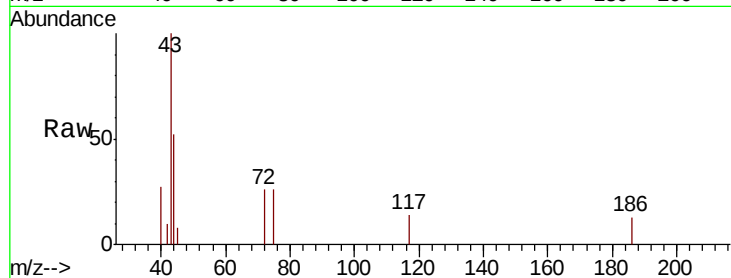




#25
2-Butanone
Concen: 1.93 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

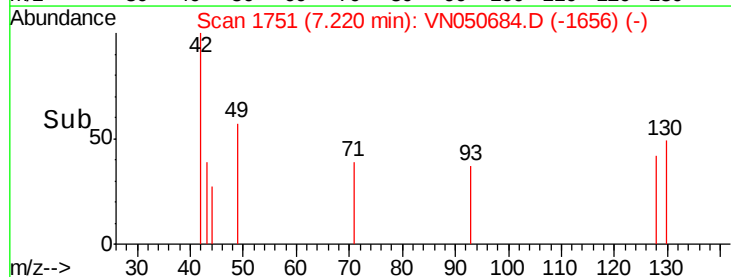
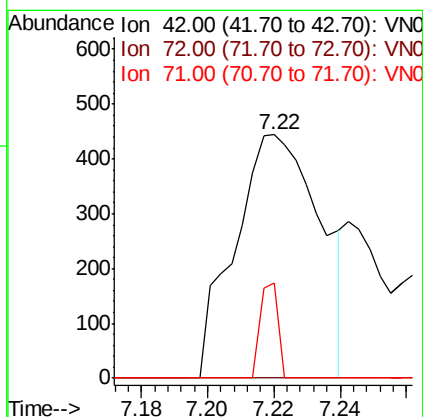
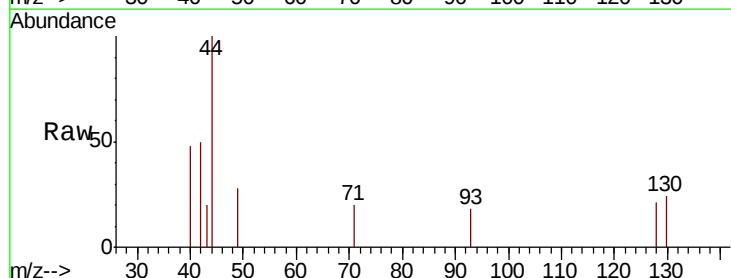
Instrument :
MSVOA_N
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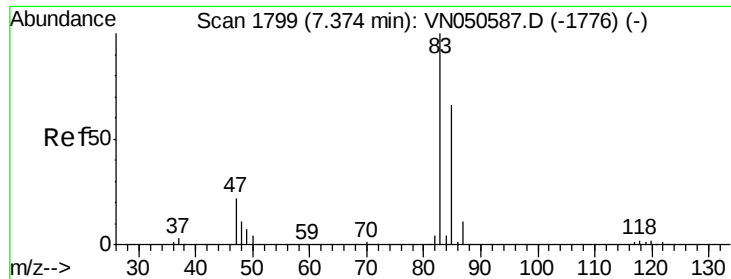
Tot Ion: 43 Resp: 6022
Ion Ratio Lower Upper
43 100
72 25.9 21.8 32.6



#29
Tetrahydrofuran
Concen: 0.49 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Tgt Ion: 42 Resp: 794
Ion Ratio Lower Upper
42 100
72 0.0 35.8 53.6#
71 8.2 33.4 50.0#





#30

Chloroform

Concen: 1.70 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampleId :

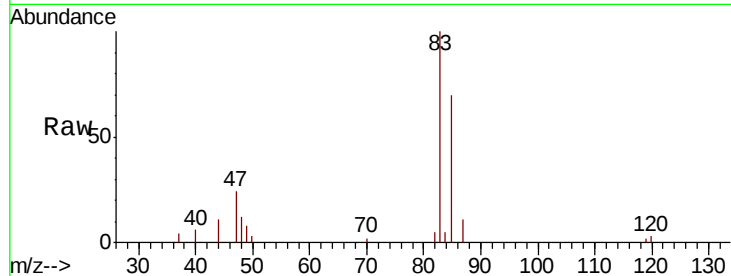
TP-5

Tot Ion: 83 Resp: 23287

Ion Ratio Lower Upper

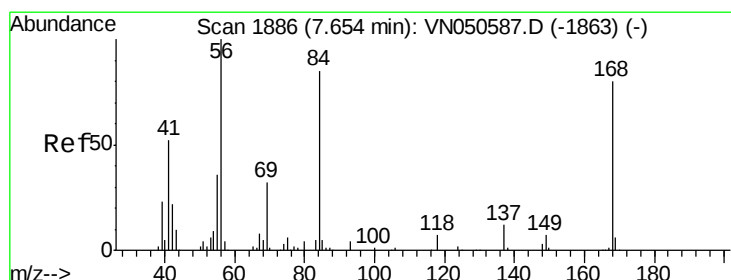
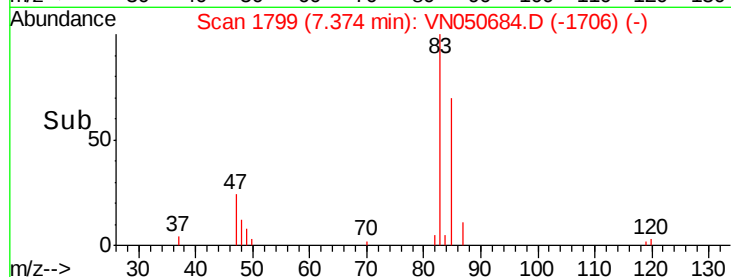
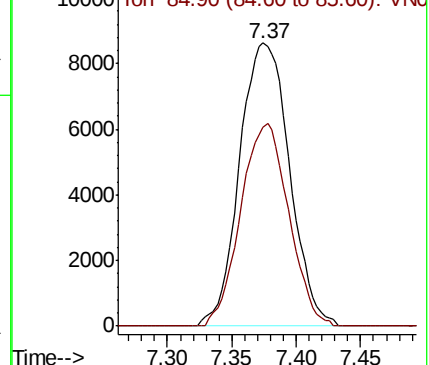
83 100

85 70.5 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: 0.59 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

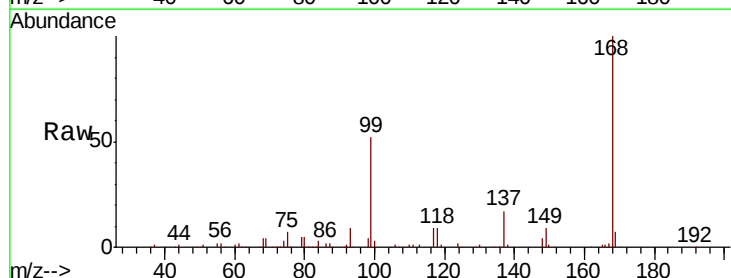
Tgt Ion: 56 Resp: 10748

Ion Ratio Lower Upper

56 100

69 190.7 25.8 38.6#

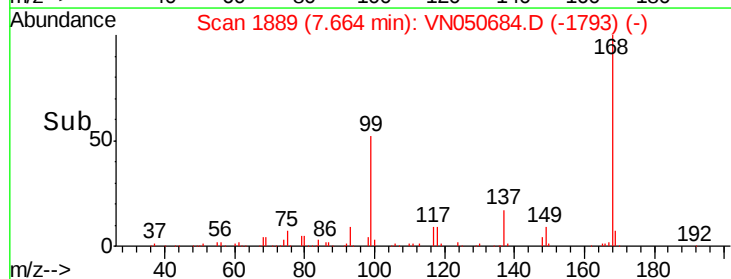
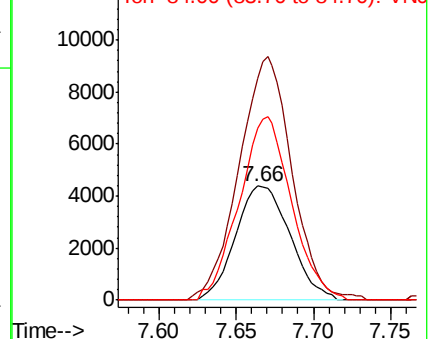
84 151.1 67.8 101.6#

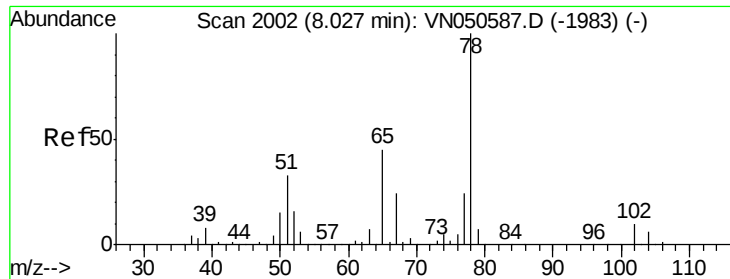


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

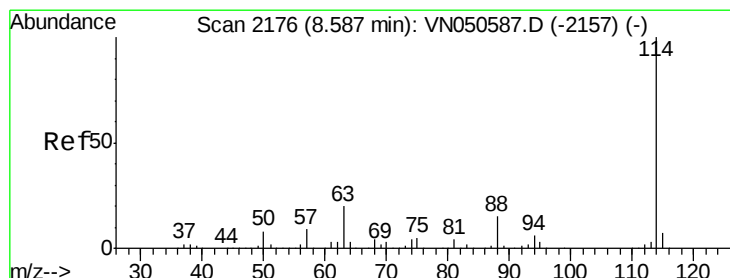
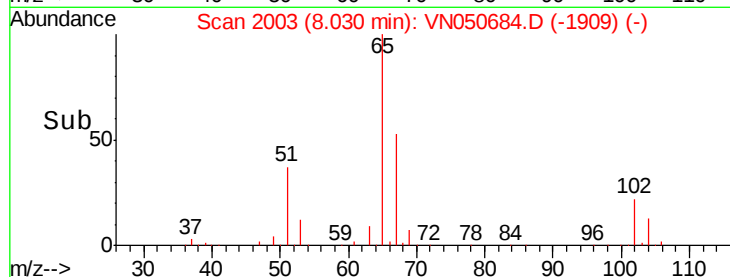
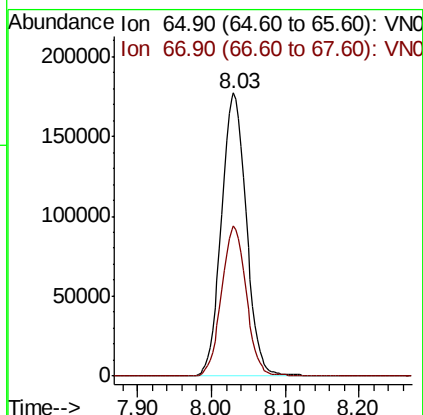
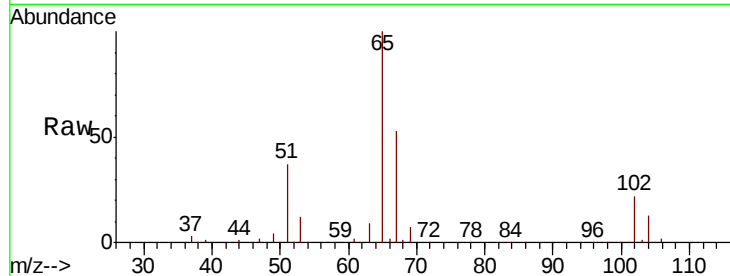




#33
 1,2-Dichloroethane-d4
 Concen: 54.69 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050684.D
 Acq: 16 Aug 2018 4:26

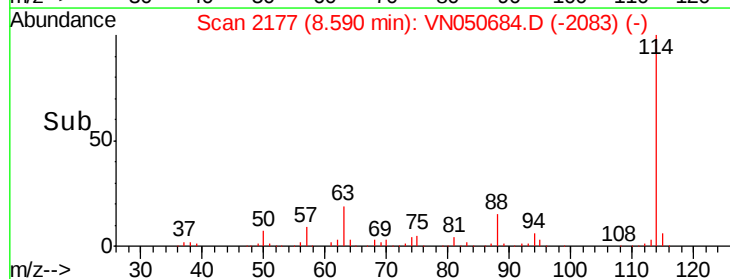
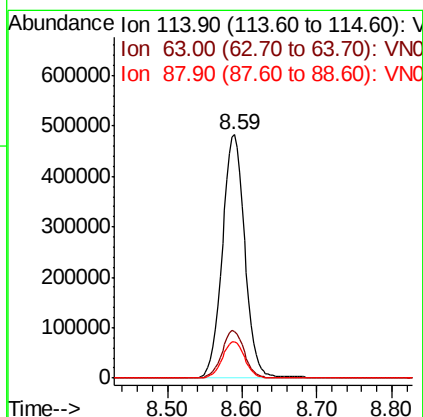
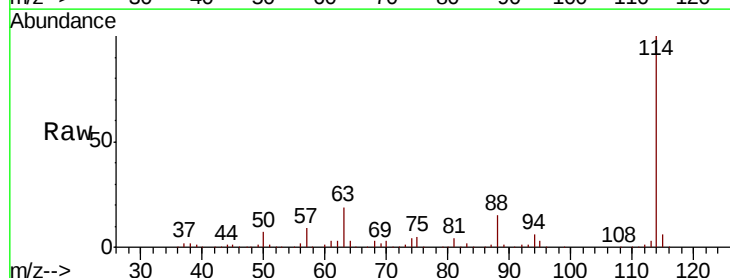
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

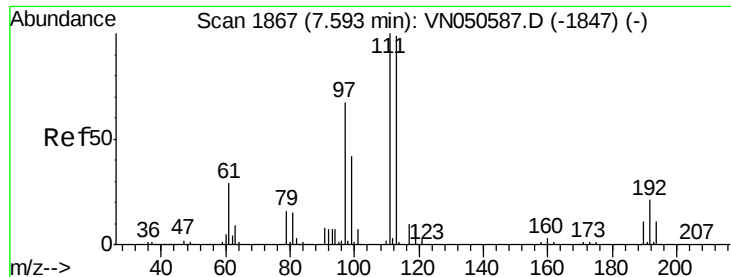
Tot Ion: 65 Resp: 416336
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050684.D
 Acq: 16 Aug 2018 4:26

Tgt Ion: 114 Resp: 1000571
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.1 0.0 30.8

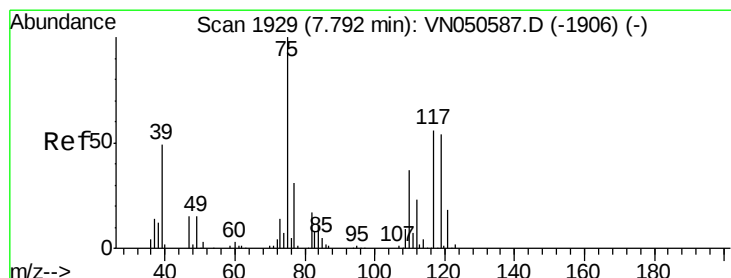
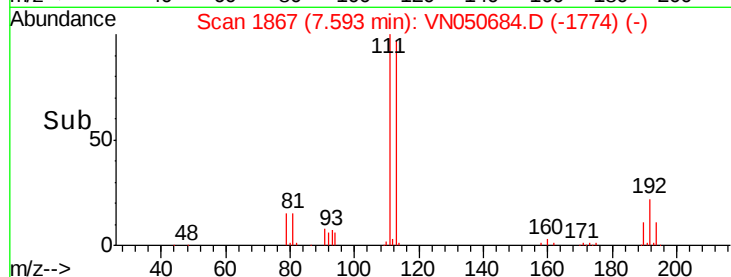
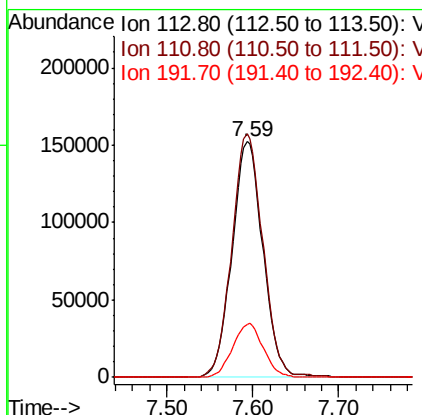
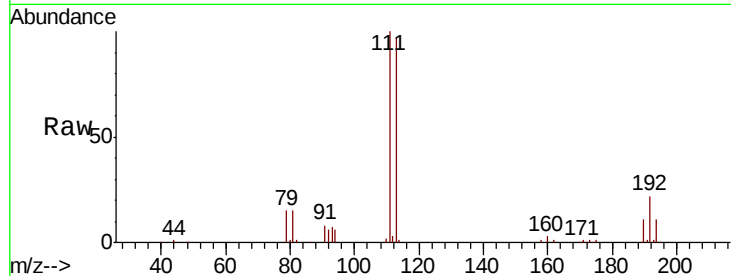




#35
 Dibromofluoromethane
 Concen: 47.56 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050684.D
 Acq: 16 Aug 2018 4:26

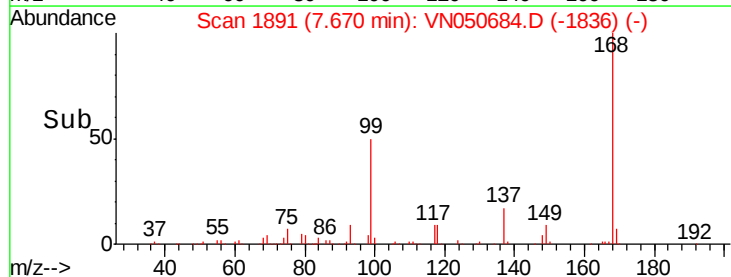
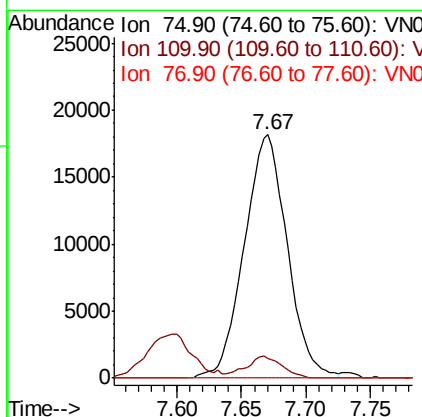
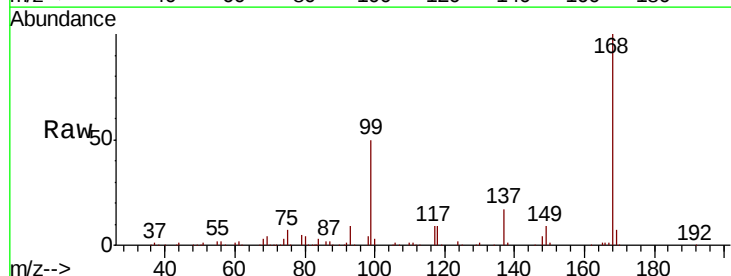
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

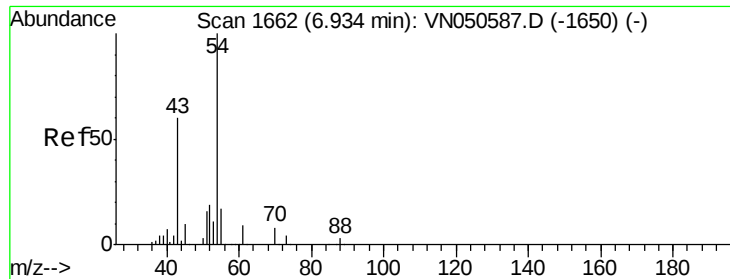
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.0	121.6
192	22.7	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 3.79 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN050684.D
 Acq: 16 Aug 2018 4:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.3	54.9#
77	0.0	25.0	37.4#

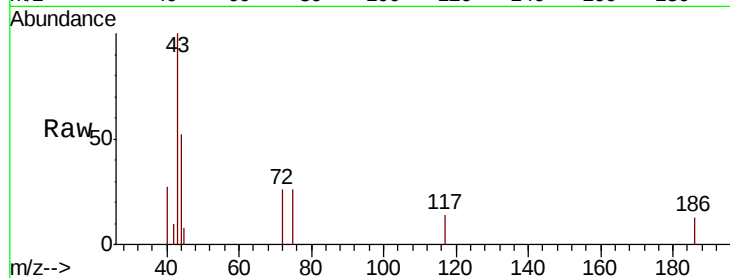




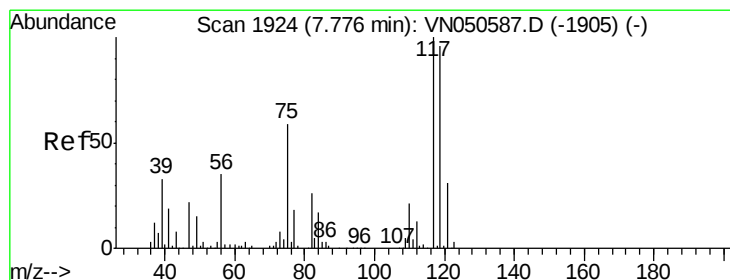
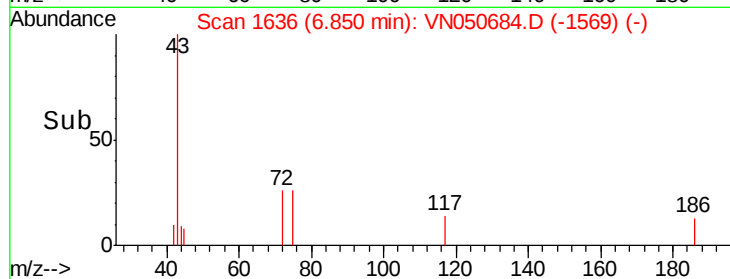
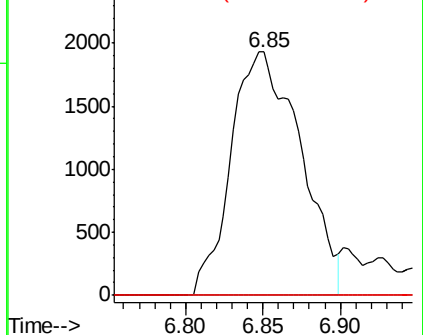
#37
Ethyl Acetate
Concen: 0.96 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. -0.08 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Instrument :
MSVOA_N
ClientSampled :
TP-5

Tot Ion: 43 Resp: 6022
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 8.5 12.7#

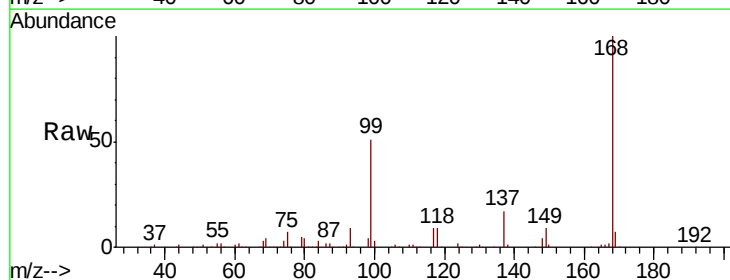


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

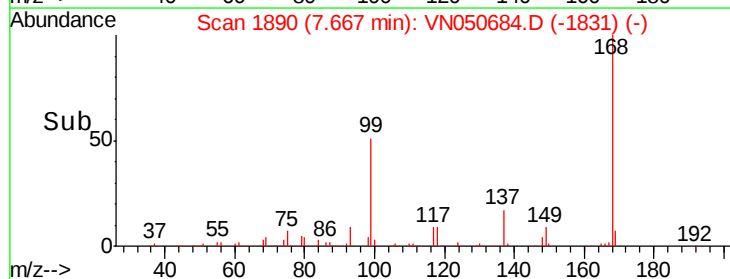
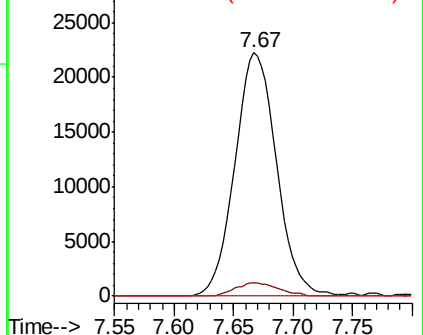


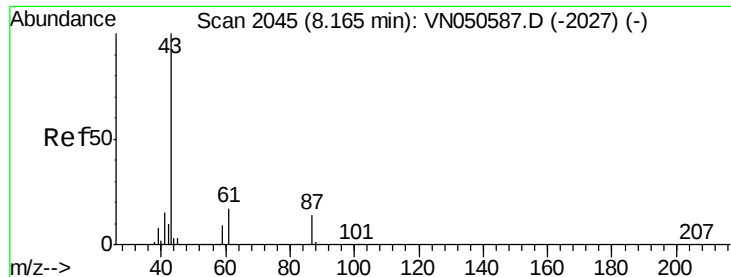
#38
Carbon Tetrachloride
Concen: 4.67 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Tgt Ion: 117 Resp: 53930
Ion Ratio Lower Upper
117 100
119 5.4 76.6 115.0#
121 0.0 25.0 37.6#



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





#43

Isopropyl Acetate

Concen: 20.92 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampled :

TP-5

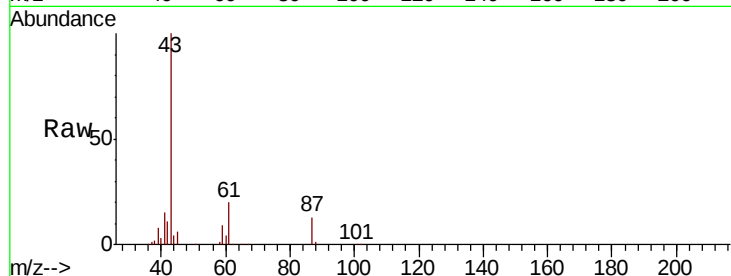
Tot Ion: 43 Resp: 240041

Ion Ratio Lower Upper

43 100

61 18.1 16.2 24.2

87 12.1 10.9 16.3

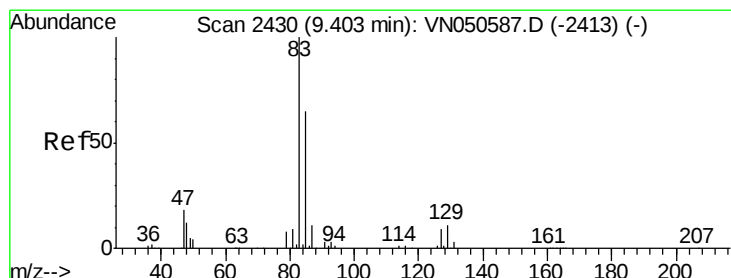
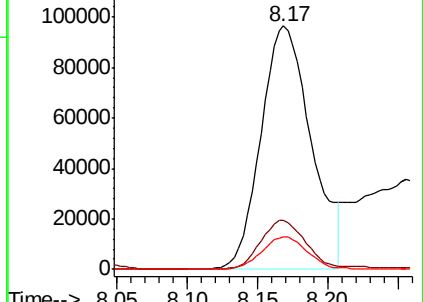
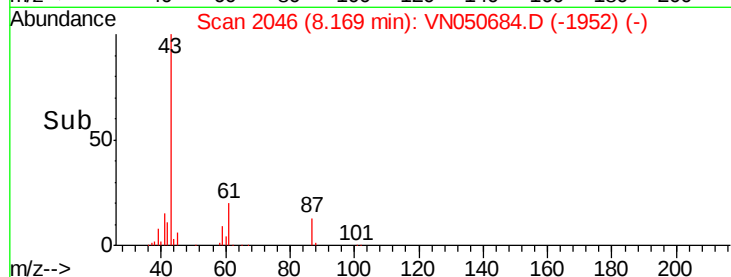


Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)

Time--> 8.05 8.10 8.15 8.20



#47

Bromodichloromethane

Concen: 0.40 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

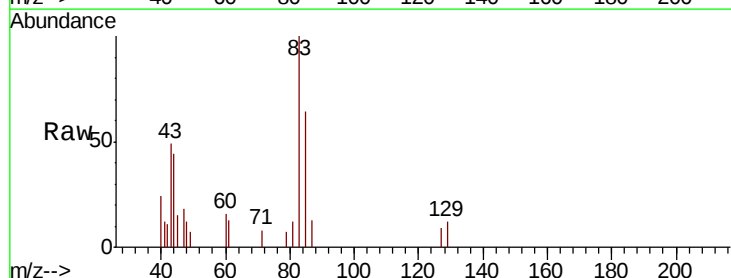
Tgt Ion: 83 Resp: 4567

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

127 9.2 7.2 10.8

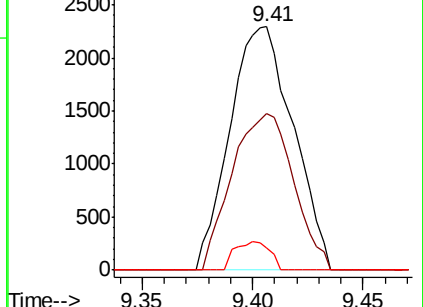
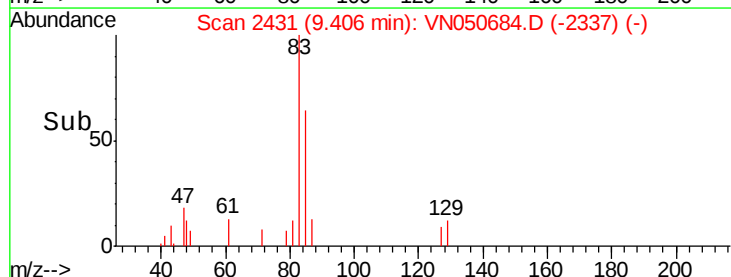


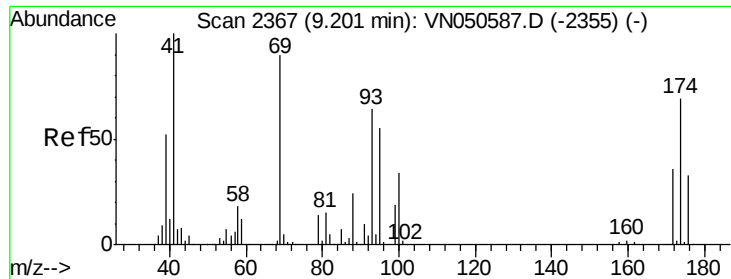
Abundance Ion 82.90 (82.60 to 83.60): VN050587.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN050587.D (-2413) (-)

Time--> 9.35 9.40 9.45

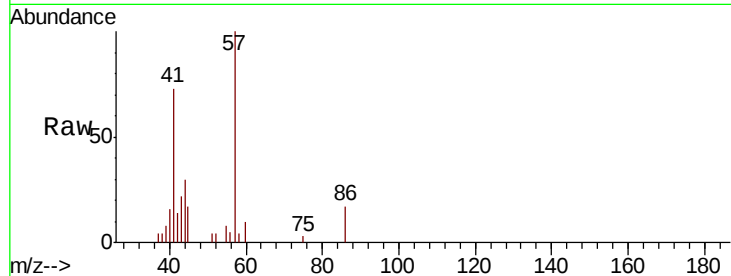




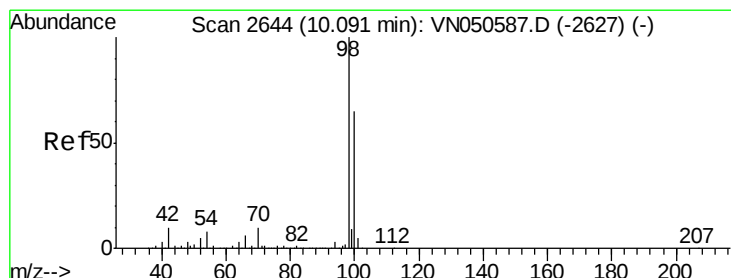
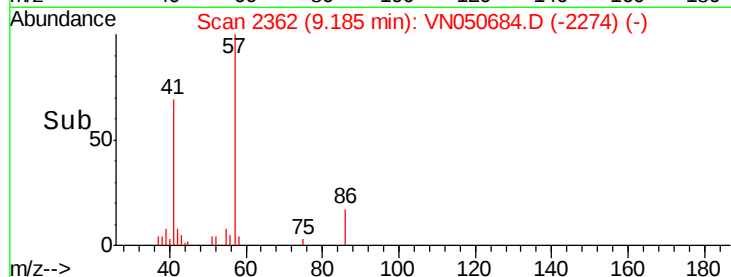
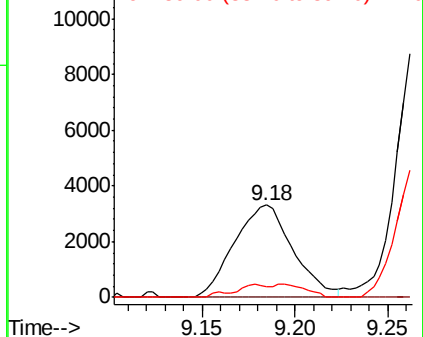
#48
Methvl methacrylate
Concen: 1.26 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Instrument :
MSVOA_N
ClientSampled :
TP-5

Tot Ion: 41 Resp: 7302
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.0#
39 7.1 43.0 64.6#

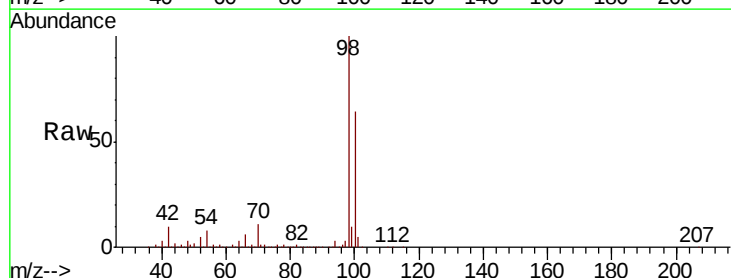


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

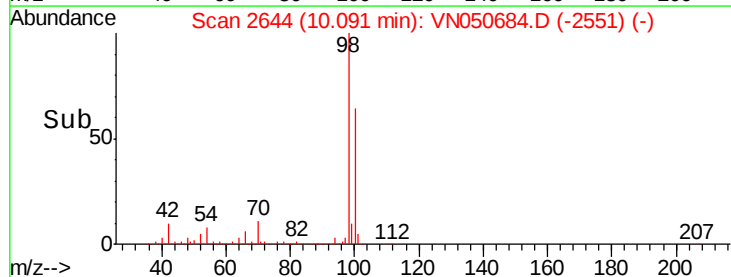
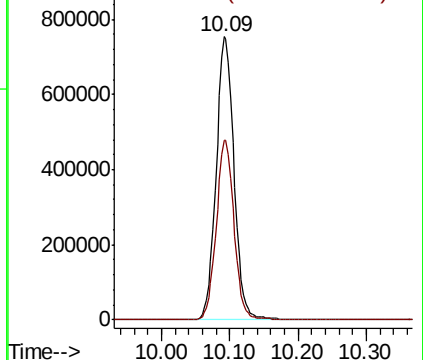


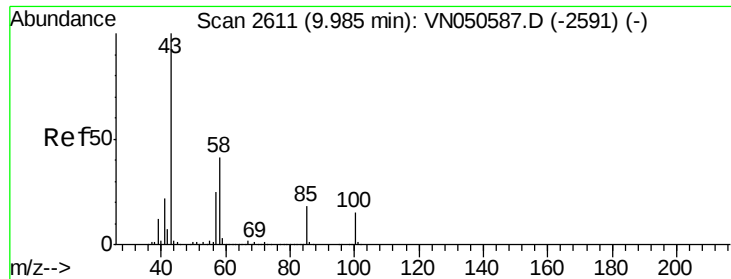
#50
Toluene-d8
Concen: 45.59 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Tgt Ion: 98 Resp: 1370542
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8



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: 0.26 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.01 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampleId :

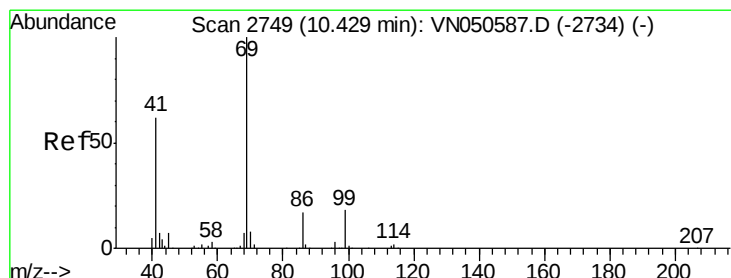
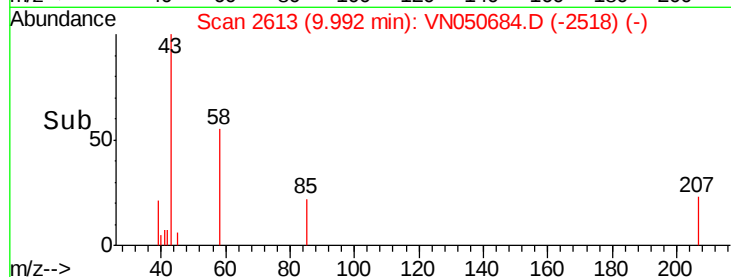
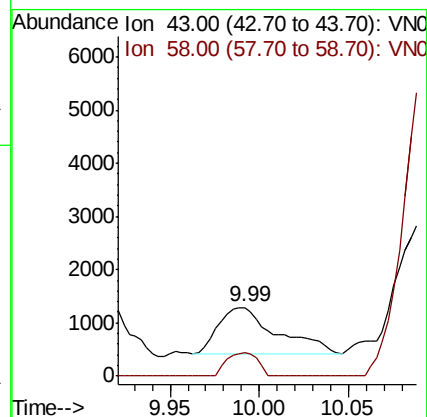
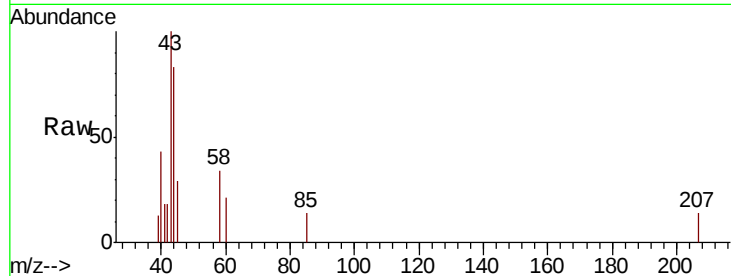
TP-5

Tot Ion: 43 Resp: 2003

Ion Ratio Lower Upper

43 100

58 26.3 32.5 48.7#



#56

Ethyl methacrylate

Concen: 2.13 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

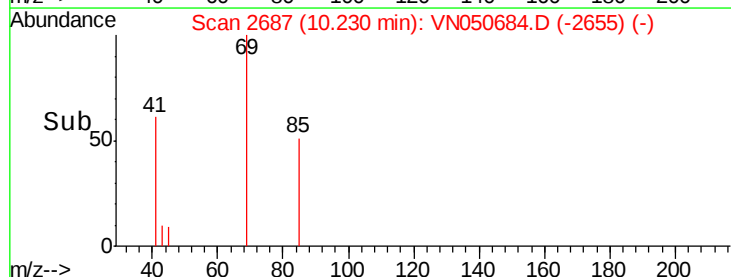
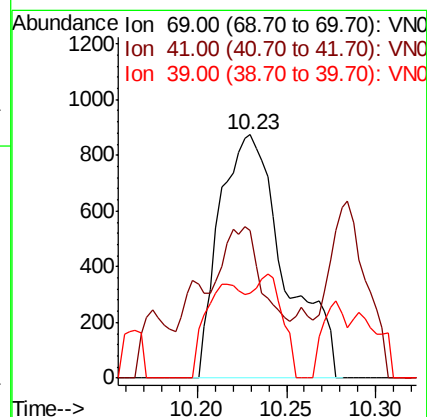
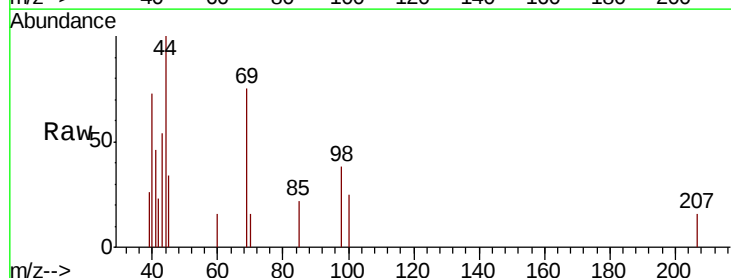
Tgt Ion: 69 Resp: 2215

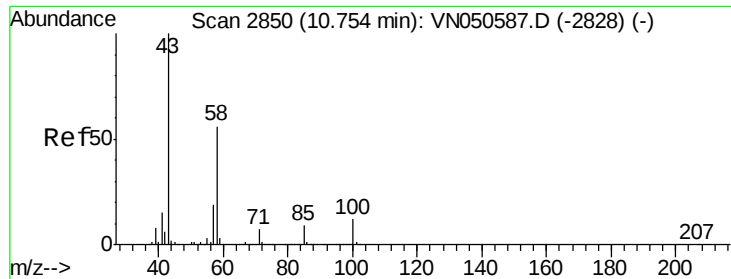
Ion Ratio Lower Upper

69 100

41 46.0 49.7 74.5#

39 22.6 24.2 36.2#

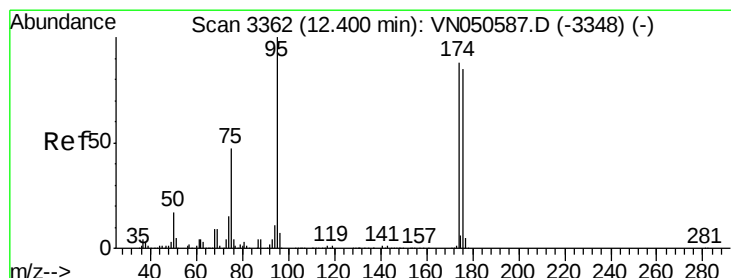
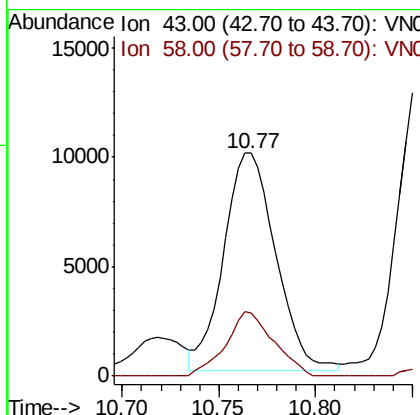
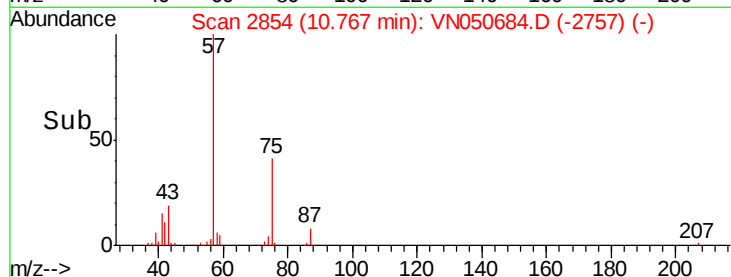
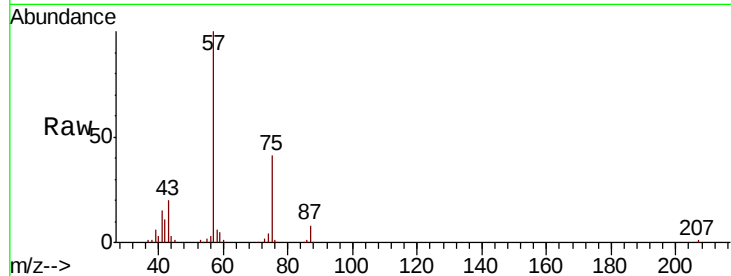




#59
2-Hexanone
Concen: 3.69 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

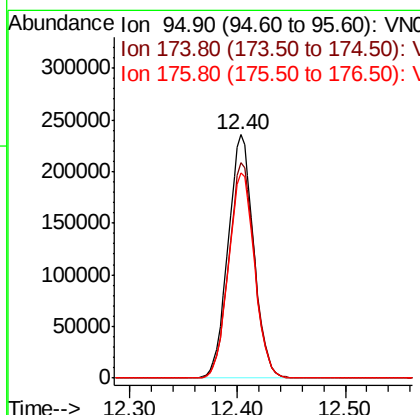
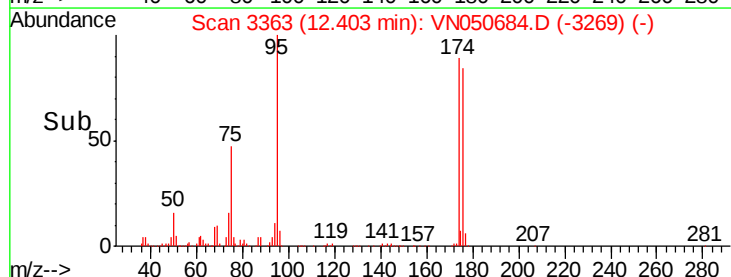
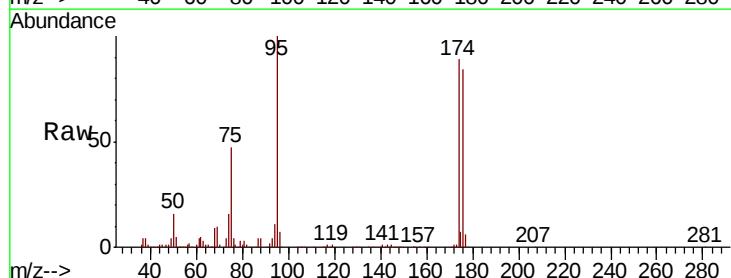
Instrument :
MSVOA_N
ClientSampled :
TP-5

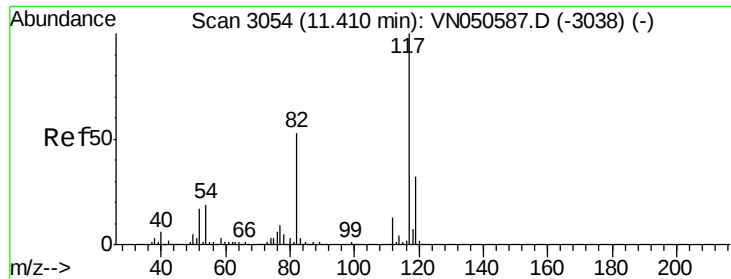
Tot Ion: 43 Resp: 18500
Ion Ratio Lower Upper
43 100
58 27.4 28.0 84.0#



#62
4-Bromofluorobenzene
Concen: 39.01 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Tgt Ion: 95 Resp: 387412
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.8
176 86.2 0.0 175.0

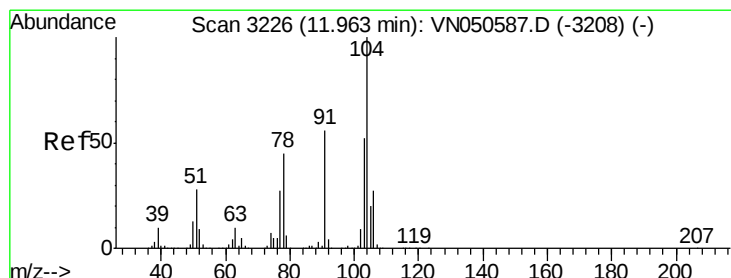
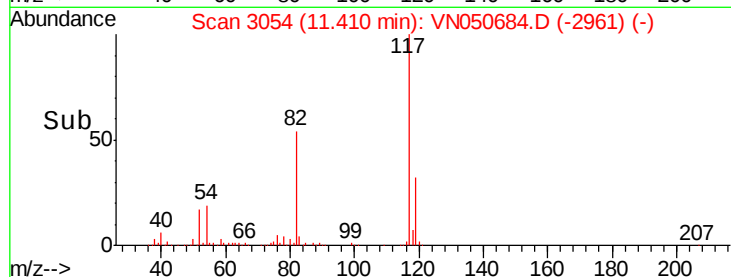
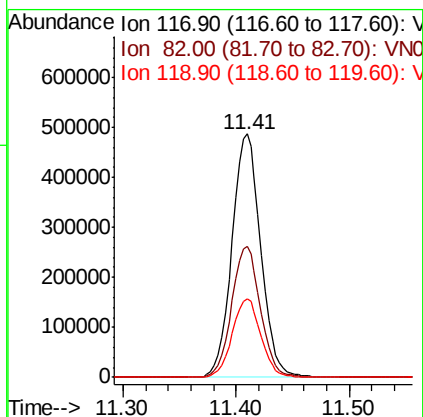
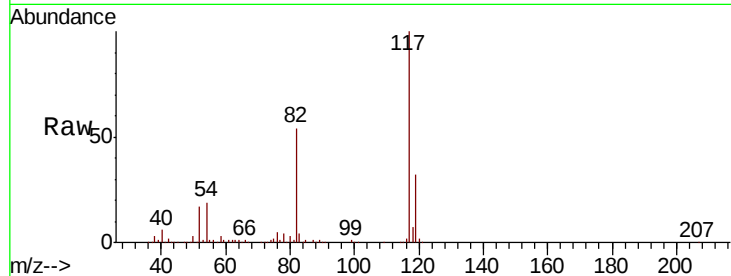




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

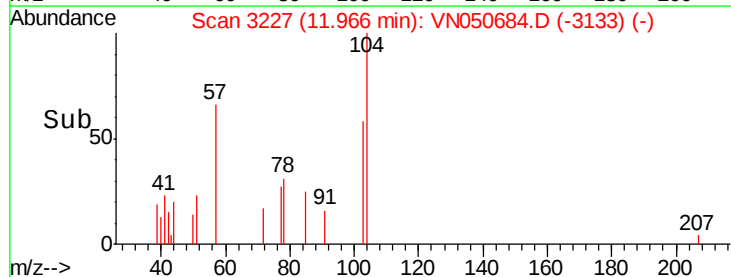
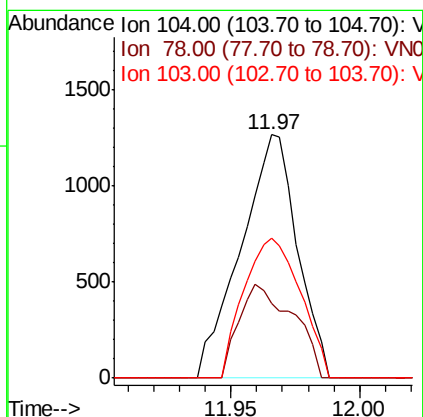
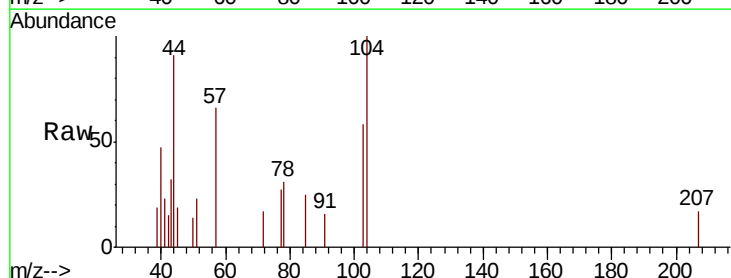
Instrument :
MSVOA_N
ClientSampled :
TP-5

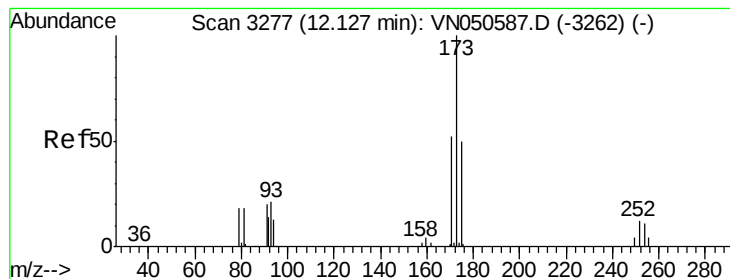
Tot Ion:117 Resp: 861155
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 32.5 25.8 38.8



#70
Styrene
Concen: 1.03 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Tgt Ion:104 Resp: 1935
Ion Ratio Lower Upper
104 100
78 37.0 39.1 58.7#
103 57.4 44.9 67.3





#71

Bromoform

Concen: 0.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampled :

TP-5

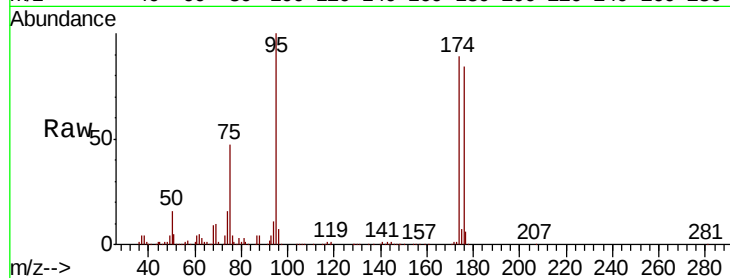
Tot Ion:173 Resp: 2881

Ion Ratio Lower Upper

173 100

175 753.1 24.4 73.2#

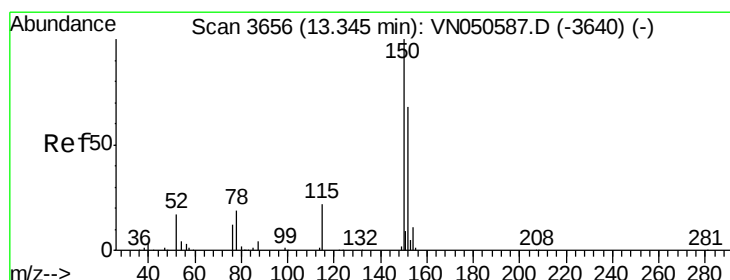
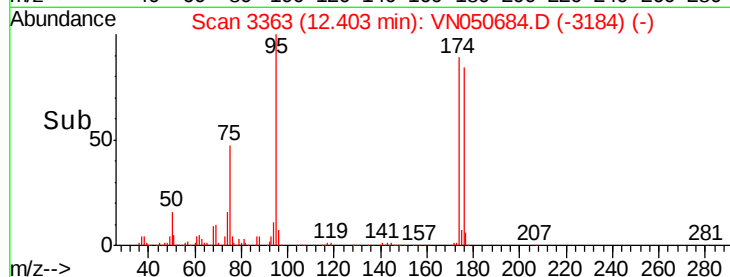
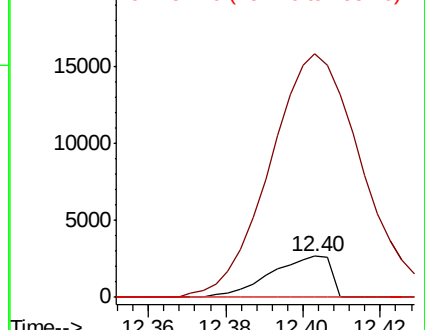
254 0.0 0.0 0.0



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: VN050684.D

Acq: 16 Aug 2018 4:26

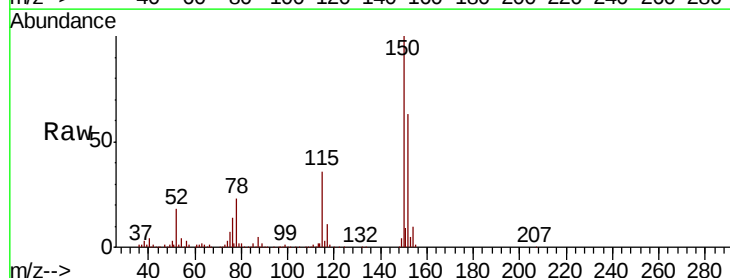
Tgt Ion:152 Resp: 319293

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.2

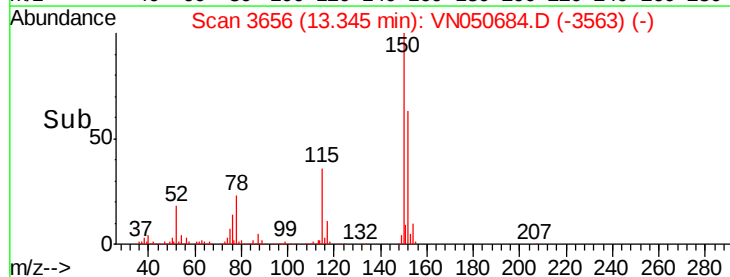
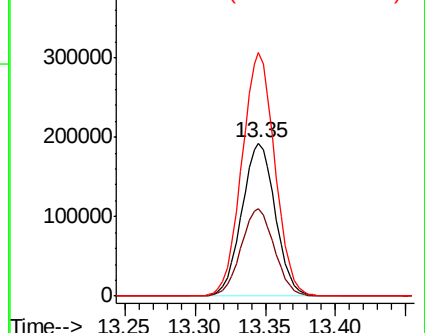
150 157.0 0.0 347.8

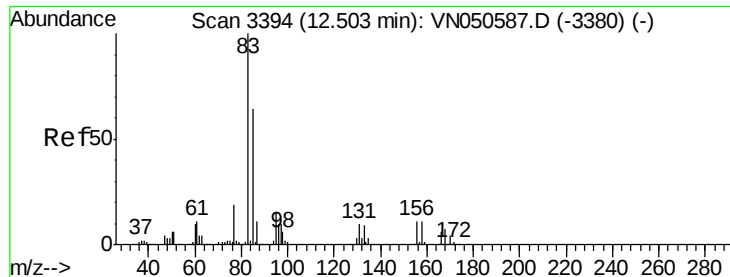


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampleId :

TP-5

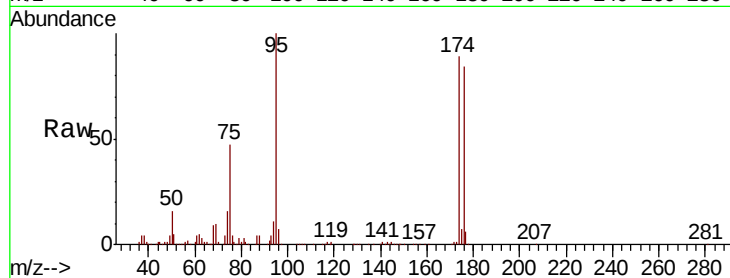
Tot Ion: 83 Resp: 265

Ion Ratio Lower Upper

83 100

131 168.7 5.3 15.9#

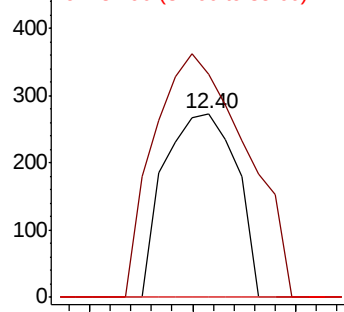
85 0.0 32.1 96.5#



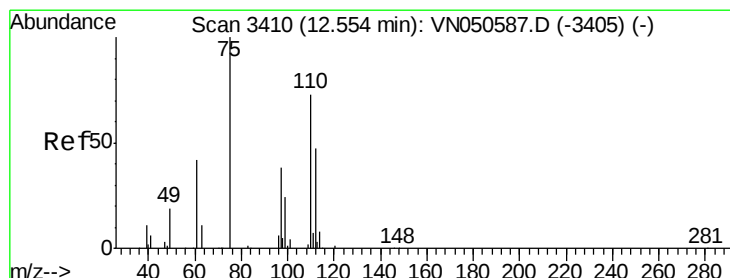
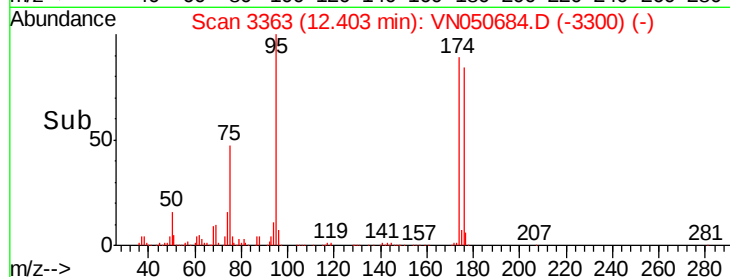
Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



Time-->



#76

1,2,3-Trichloropropane

Concen: 35.49 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050684.D

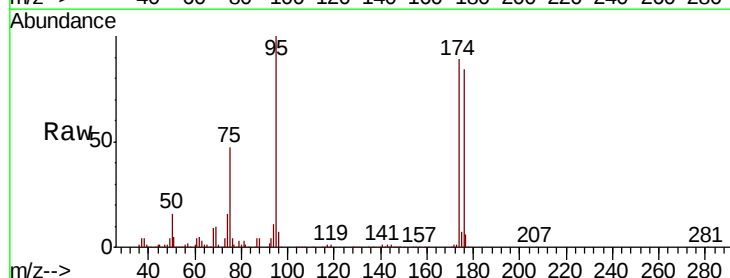
Acq: 16 Aug 2018 4:26

Tgt Ion: 75 Resp: 184631

Ion Ratio Lower Upper

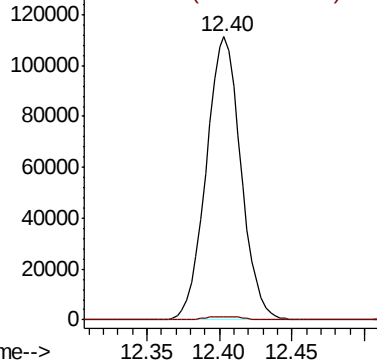
75 100

77 1.3 0.0 0.0#

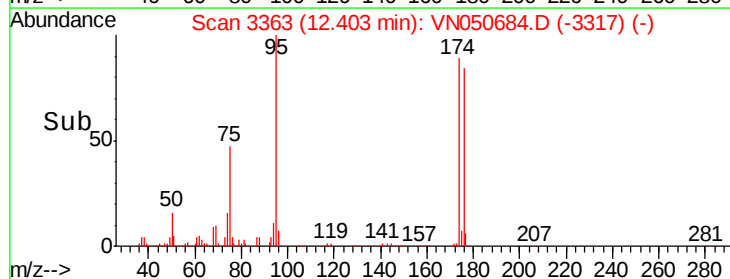


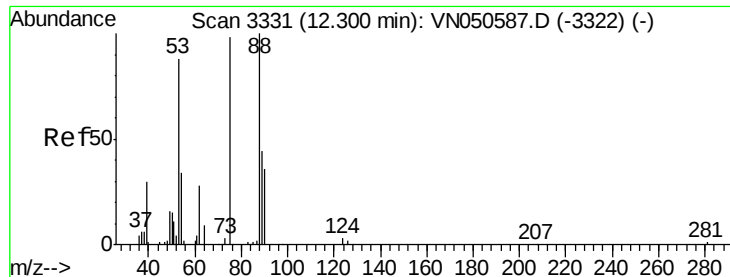
Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 128.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampled :

TP-5

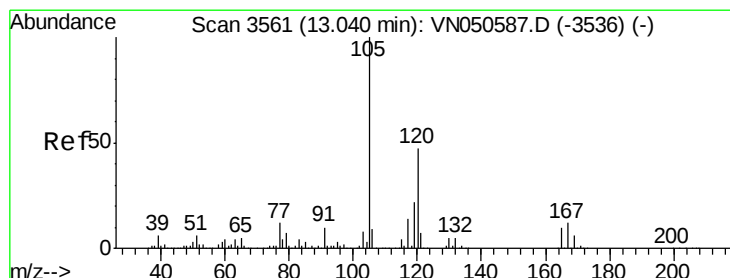
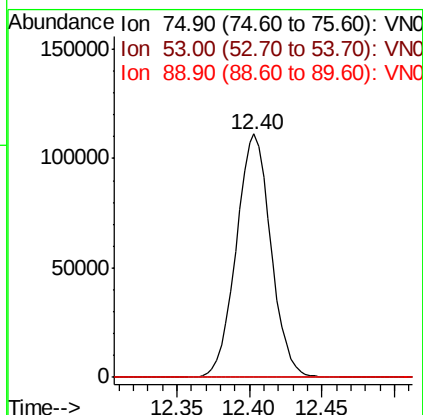
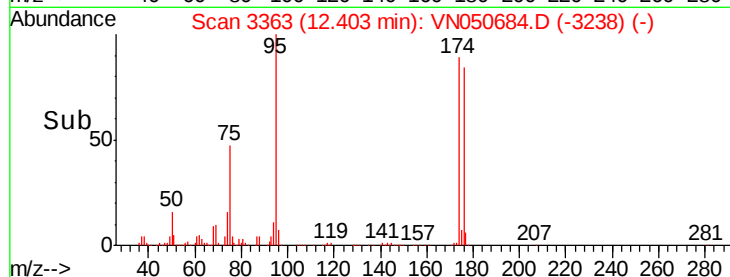
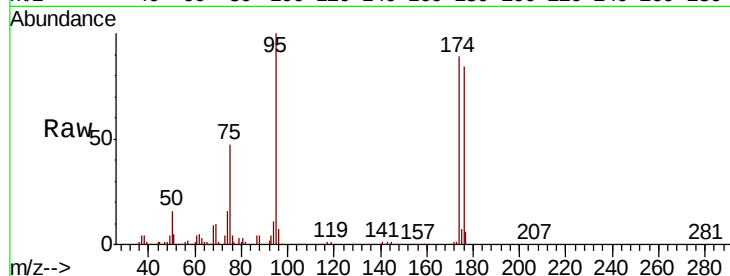
Tot Ion: 75 Resp: 184631

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.2#

89 0.0 36.3 54.5#



#84

1,2,4-Trimethylbenzene

Concen: 0.33 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN050684.D

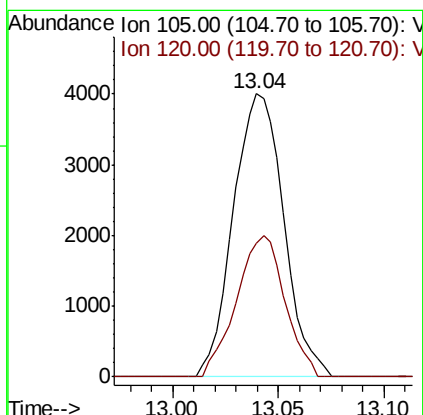
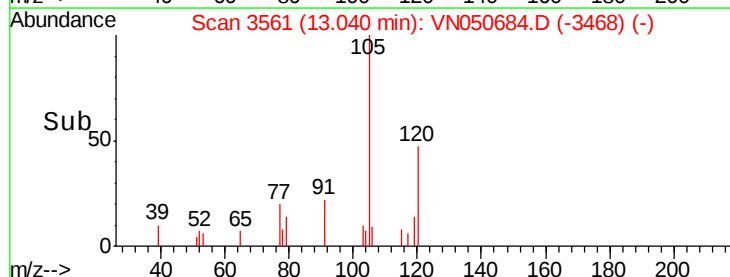
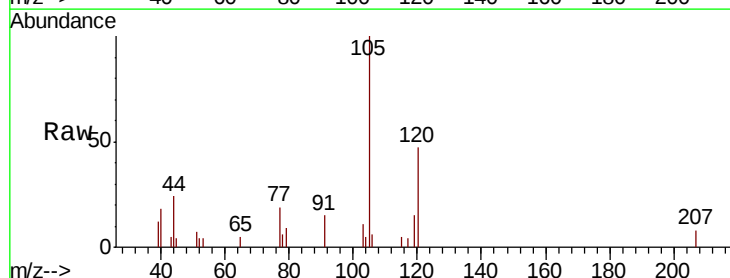
Acq: 16 Aug 2018 4:26

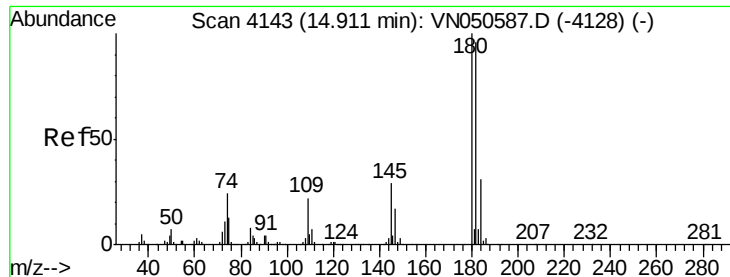
Tgt Ion: 105 Resp: 6651

Ion Ratio Lower Upper

105 100

120 47.9 23.2 69.5

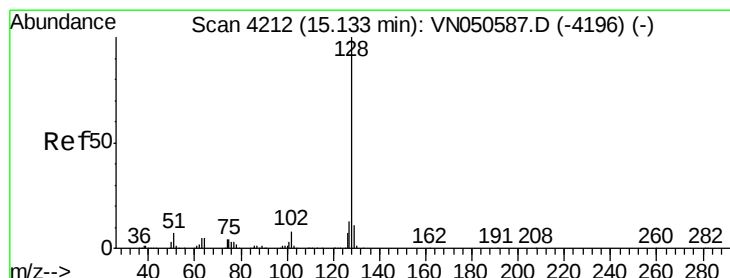
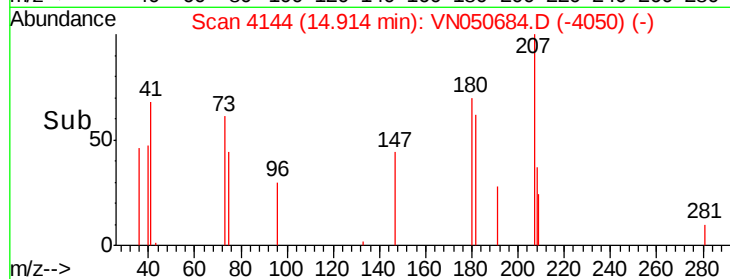
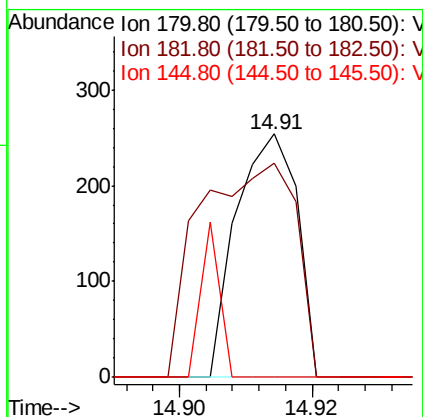
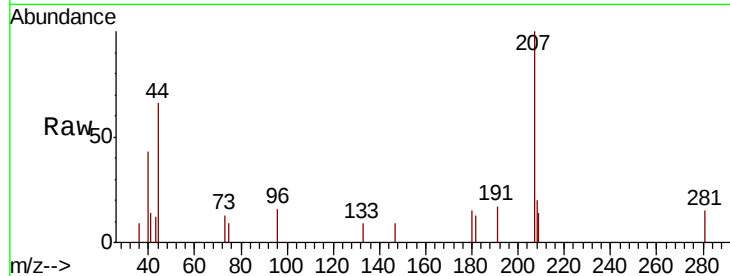




#93
 1,2,4-Trichlorobenzene
 Concen: 2.70 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050684.D
 Acq: 16 Aug 2018 4:26

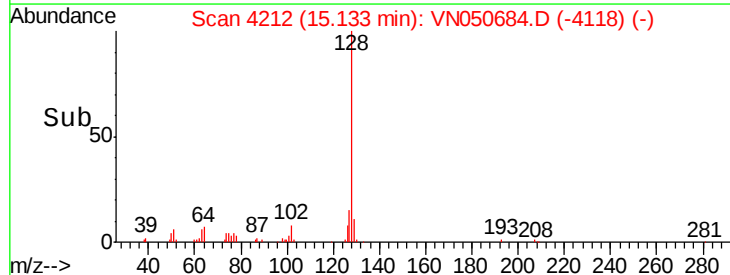
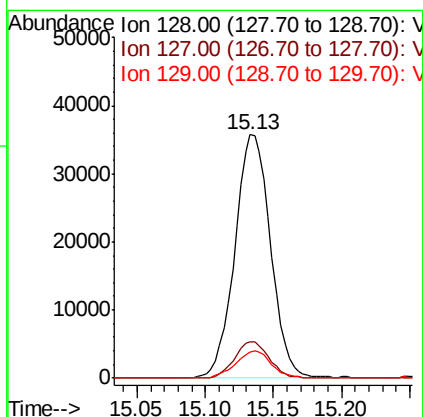
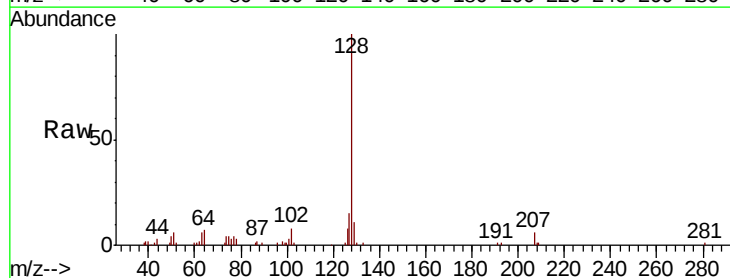
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

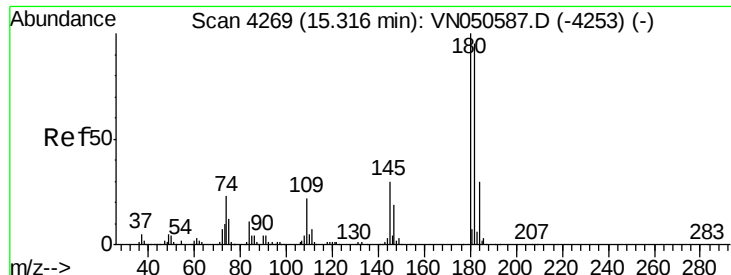
Tot Ion:180 Resp: 161
 Ion Ratio Lower Upper
 180 100
 182 139.1 47.9 143.7
 145 19.3 14.4 43.4



#95
 Naphthalene
 Concen: 8.74 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050684.D
 Acq: 16 Aug 2018 4:26

Tgt Ion:128 Resp: 64886
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.3 15.5
 129 10.9 8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 1.94 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: VN050684.D
 Acq: 16 Aug 2018 4:26

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
180	100		
182	193.5	47.3	141.8#
145	106.5	14.6	44.0#

