

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049671.D
 Acq On : 2 Jul 2018 16:01
 Operator : MD\SY
 Sample : J3798-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-7-12

Quant Time: Jul 03 03:47:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1425156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2265257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1896693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	721392	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	964263	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	
35) Dibromofluoromethane	7.59	113	834145	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	10.09	98	3073417	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.40	95	894627	39.53	ug/l	0.00
Spiked Amount			Recovery	=	79.06%	

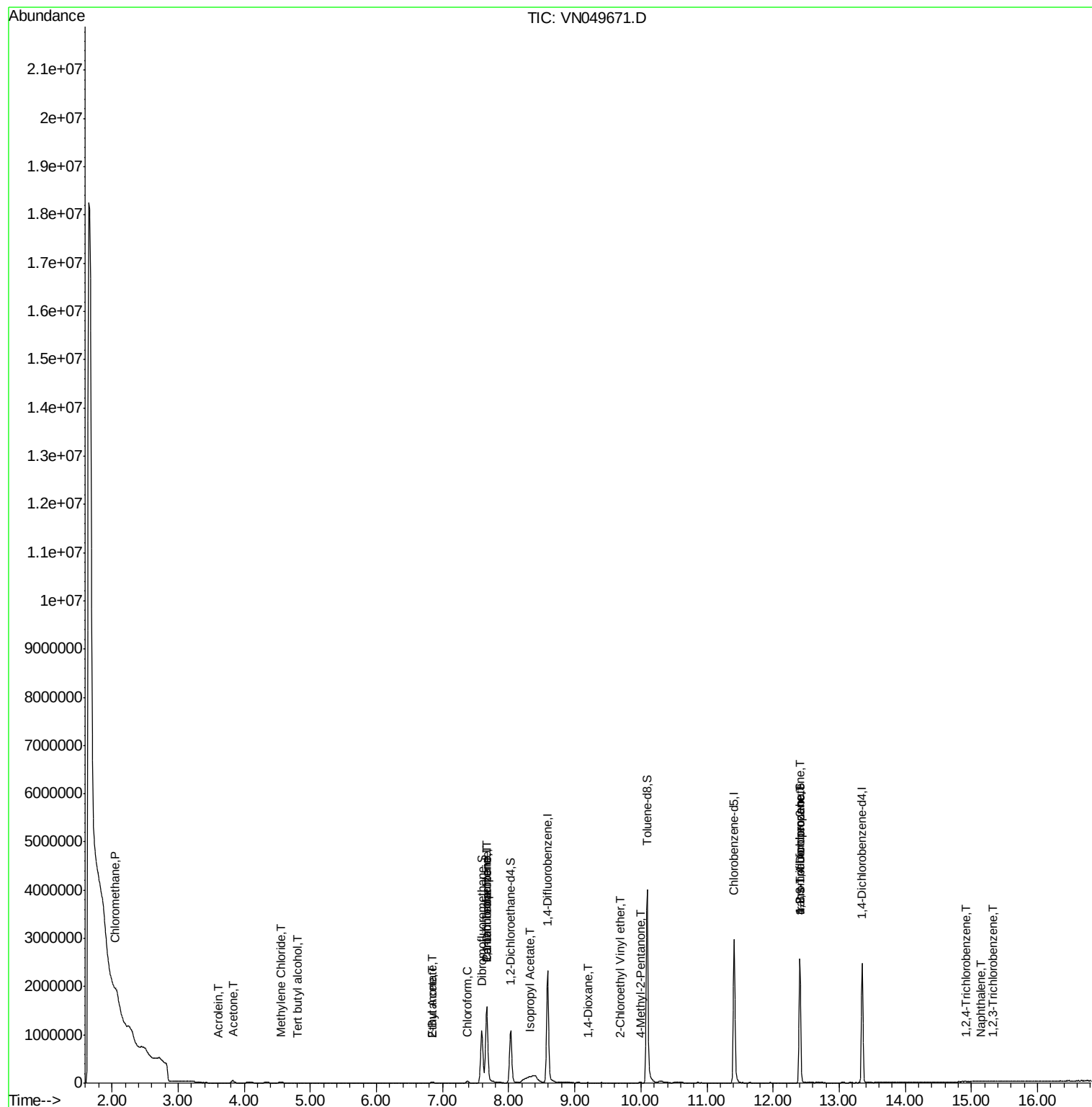
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4315	0.22	ug/l	97
11) Tert butyl alcohol	4.80	59	2027	1.88	ug/l #	91
13) Acrolein	3.61	56	1249	1.24	ug/l #	59
16) Acetone	3.83	43	85477	15.11	ug/l	96
17) Carbon Disulfide	4.06	76	8530	Below	Cal #	93
18) Methyl Acetate	4.34	43	33868	Below	Cal #	80
20) Methylene Chloride	4.56	84	14125	0.73	ug/l	94
25) 2-Butanone	6.85	43	17173	2.75	ug/l	99
30) Chloroform	7.37	83	38383	1.15	ug/l	98
36) 1,1-Dichloropropene	7.67	75	96963	3.80	ug/l #	49
37) Ethyl Acetate	6.85	43	17173	1.16	ug/l #	69
38) Carbon Tetrachloride	7.67	117	127342	5.14	ug/l #	16
43) Isopropyl Acetate	8.31	43	224343	7.10	ug/l #	62
49) 1,4-Dioxane	9.20	88	86	0.48	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5247	0.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	29	10.82	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.52	83	100	Below	Cal #	25
76) 1,2,3-Trichloropropane	12.40	75	434149	37.52	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	434149	127.45	ug/l #	13
87) 1,3-Dichlorobenzene	13.30	146	656	Below	Cal	75
88) 1,4-Dichlorobenzene	13.30	146	656	Below	Cal	74
91) 1,2-Dichlorobenzene	13.66	146	649	Below	Cal #	70
92) 1,2-Dibromo-3-Chloropropan	14.27	75	161	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.92	180	247	2.42	ug/l #	51
95) Naphthalene	15.14	128	1505	4.09	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.33	180	493	1.68	ug/l #	50

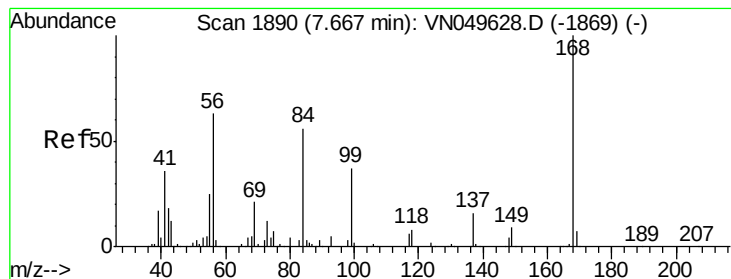
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

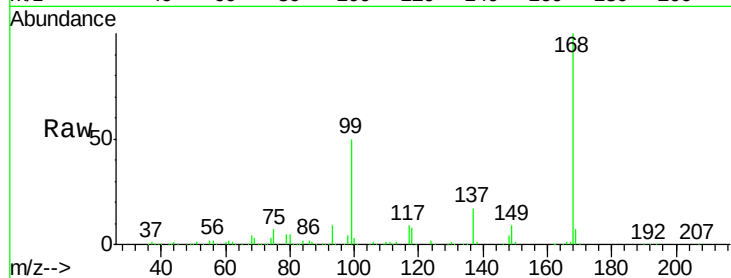
DRUM-7-12

Tot Ion:168 Resp: 1425156

Ion Ratio Lower Upper

168 100

99 49.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

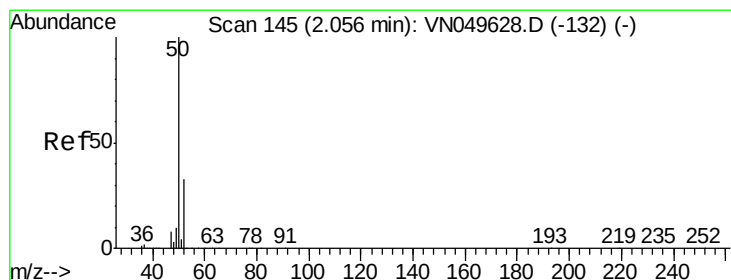
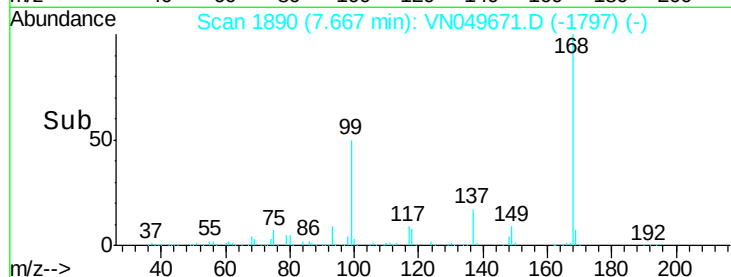
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049671.D

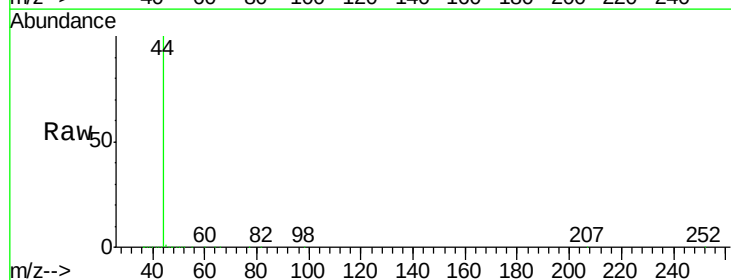
Acq: 2 Jul 2018 16:01

Tgt Ion: 50 Resp: 4315

Ion Ratio Lower Upper

50 100

52 34.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

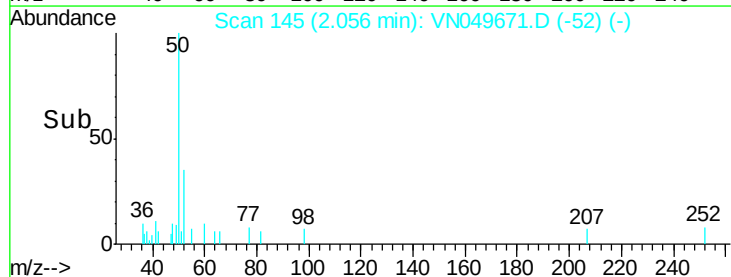
3000

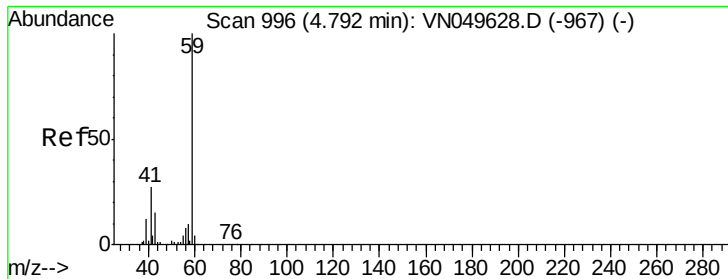
2000

1000

0

Time-->



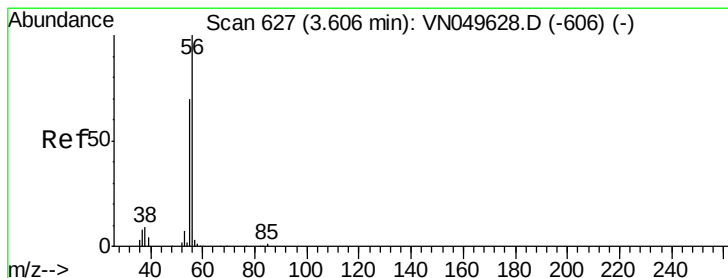
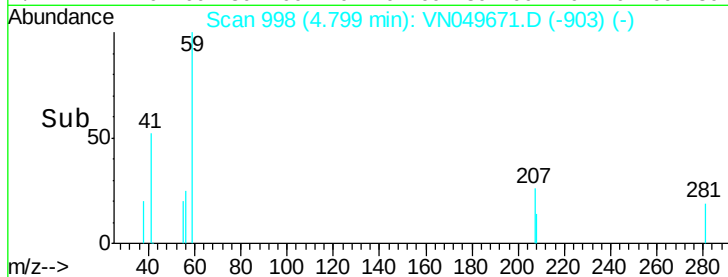
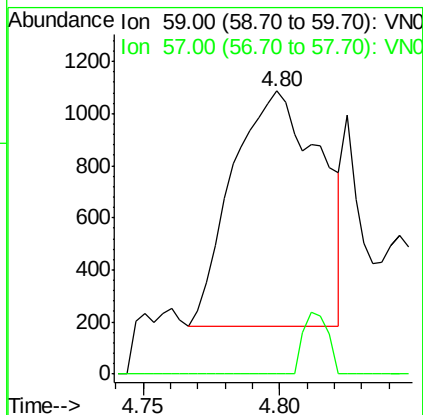
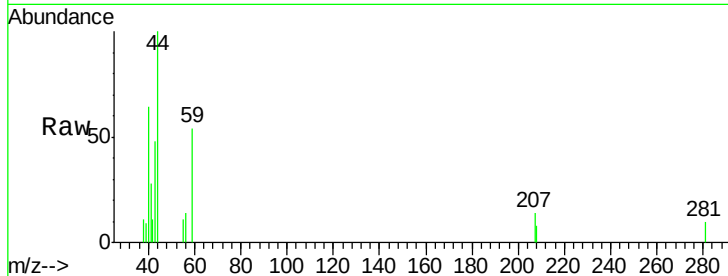


#11

Tert butyl alcohol
Concen: 1.88 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.01 min
Lab File: VN049671.D
Acq: 2 Jul 2018 16:01

Instrument :
MSVOA_N
ClientSampled :
DRUM-7-12

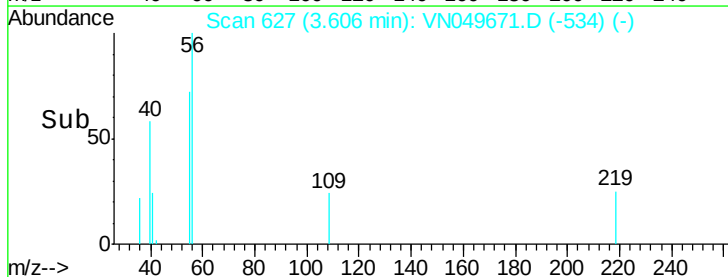
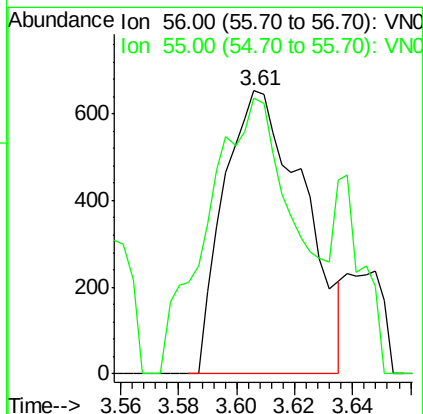
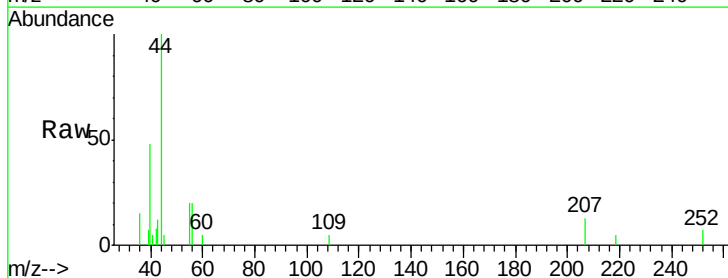
Tot Ion: 59 Resp: 2027
Ion Ratio Lower Upper
59 100
57 7.4 8.5 12.7#

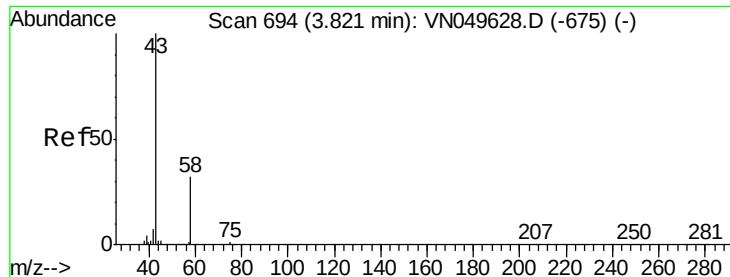


#13

Acrolein
Concen: 1.24 ug/l
RT: 3.61 min Scan# 627
Delta R.T. -0.00 min
Lab File: VN049671.D
Acq: 2 Jul 2018 16:01

Tgt Ion: 56 Resp: 1249
Ion Ratio Lower Upper
56 100
55 103.5 55.8 83.8#





#16

Acetone

Concen: 15.11 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

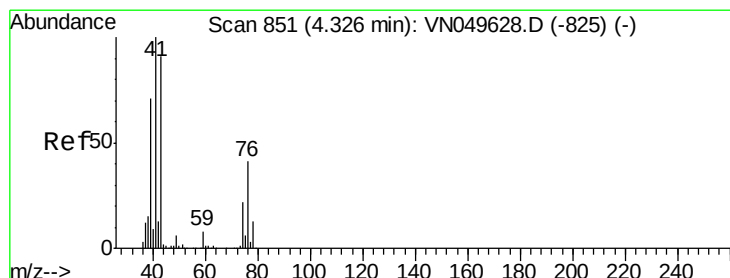
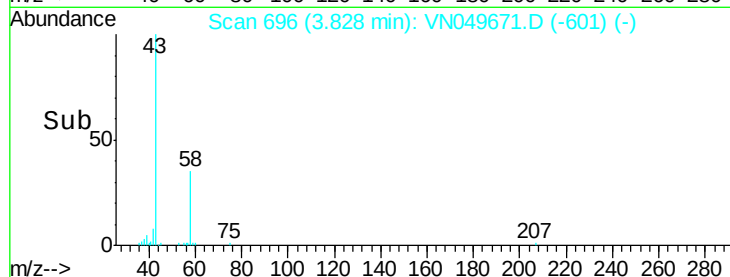
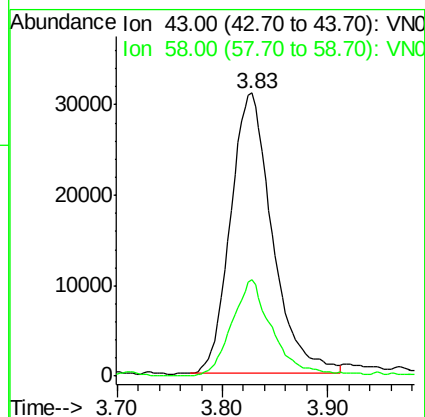
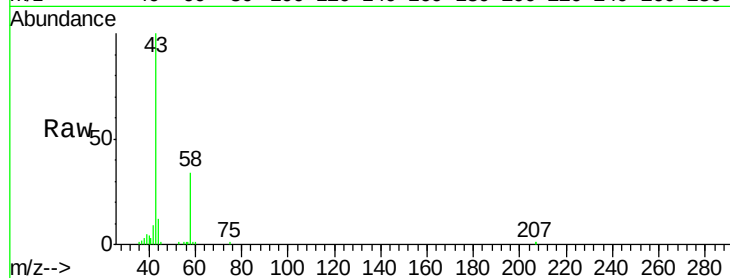
DRUM-7-12

Tot Ion: 43 Resp: 85477

Ion Ratio Lower Upper

43 100

58 34.5 25.9 38.9



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049671.D

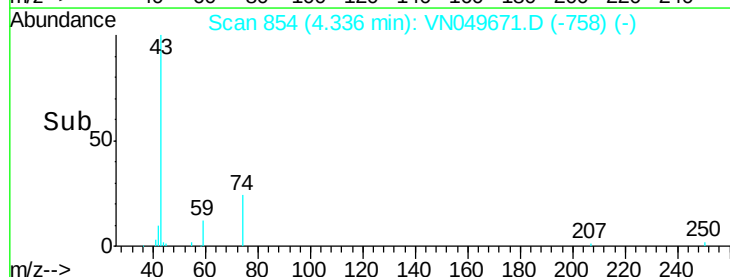
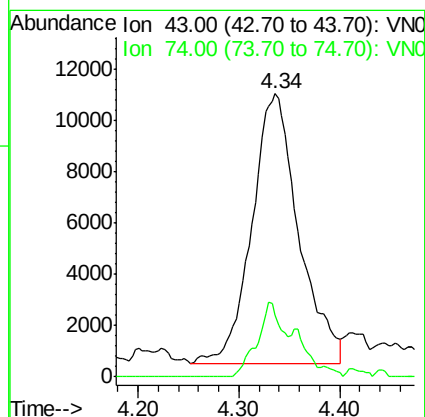
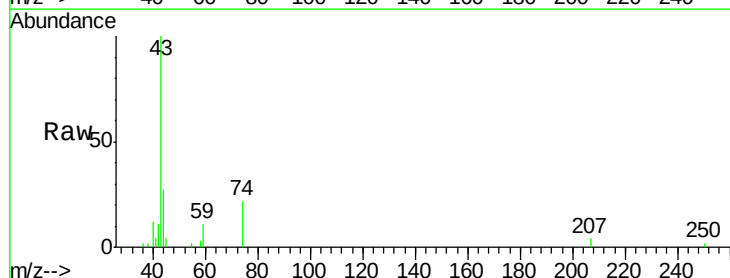
Acq: 2 Jul 2018 16:01

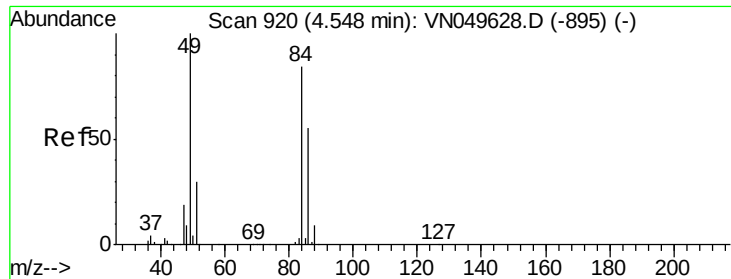
Tgt Ion: 43 Resp: 33868

Ion Ratio Lower Upper

43 100

74 14.7 19.8 29.8#

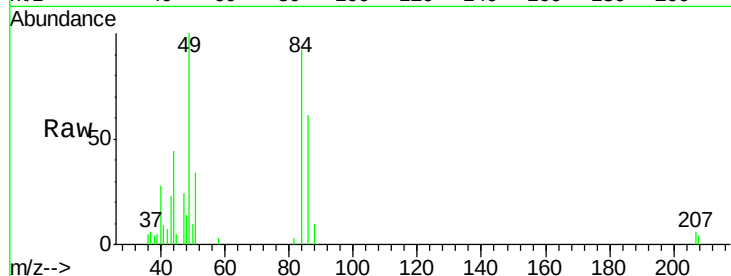




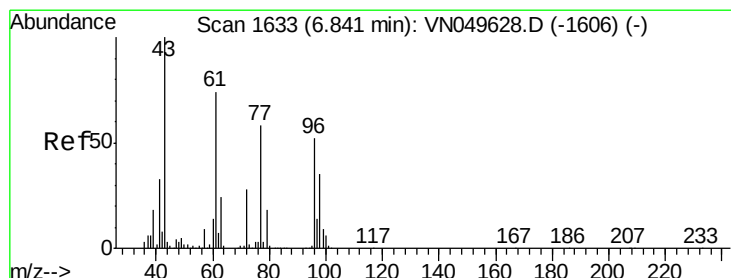
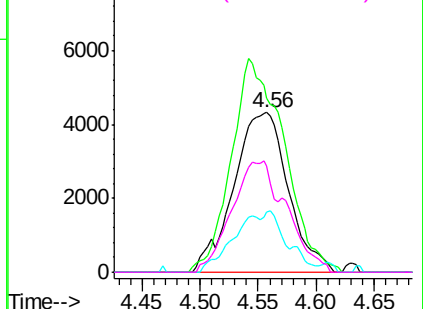
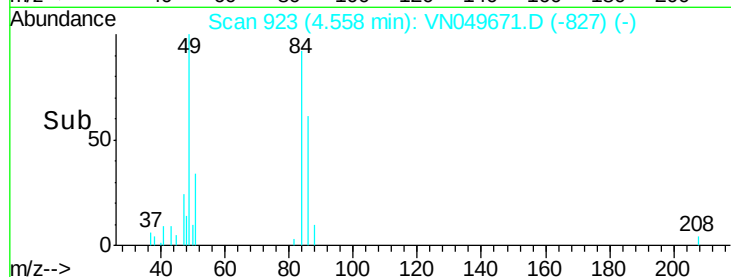
#20
Methvlene Chloride
Concen: 0.73 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN049671.D
Acq: 2 Jul 2018 16:01

Instrument :
MSVOA_N
ClientSampled :
DRUM-7-12

Tot Ion: 84 Resp: 14125
Ion Ratio Lower Upper
84 100
49 109.1 95.4 143.2
51 37.5 28.4 42.6
86 66.1 52.6 79.0

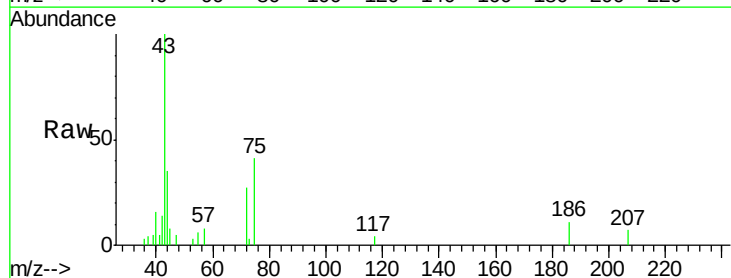


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

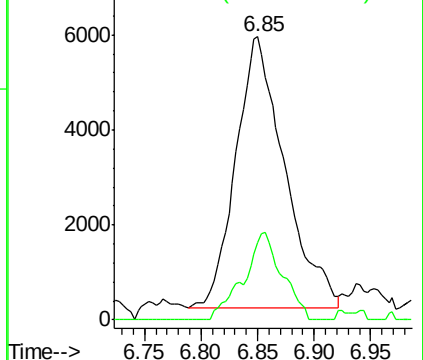
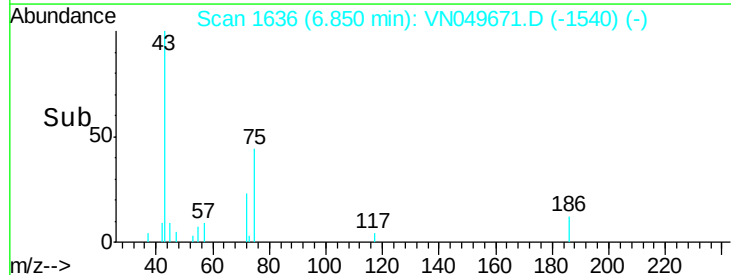


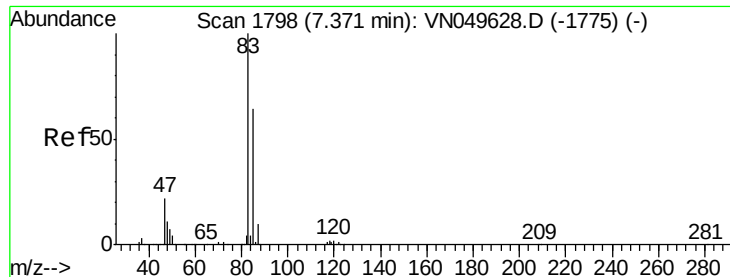
#25
2-Butanone
Concen: 2.75 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049671.D
Acq: 2 Jul 2018 16:01

Tgt Ion: 43 Resp: 17173
Ion Ratio Lower Upper
43 100
72 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

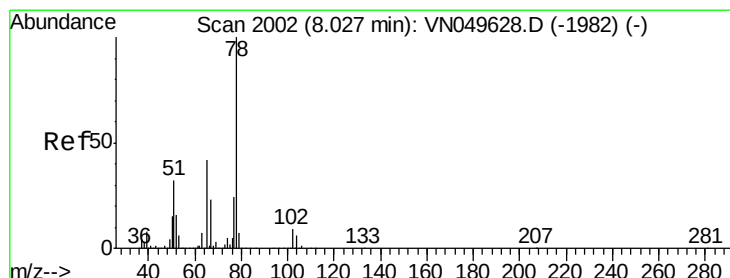
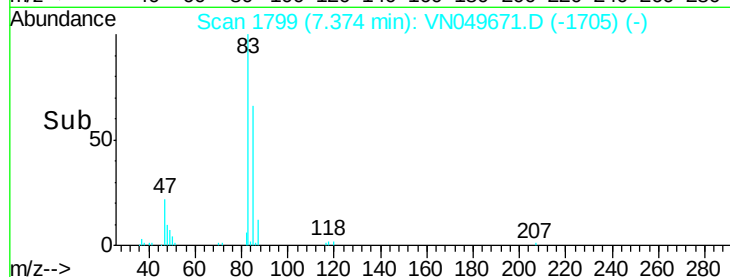
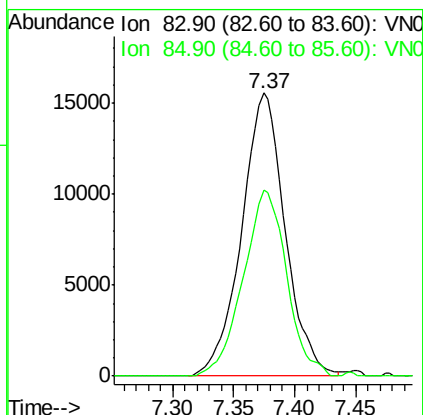
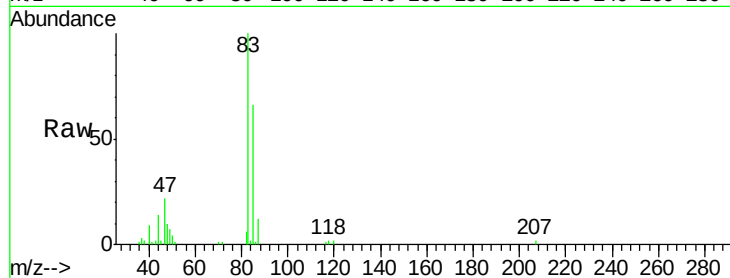




#30
Chloroform
Concen: 1.15 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049671.D
Acq: 2 Jul 2018 16:01

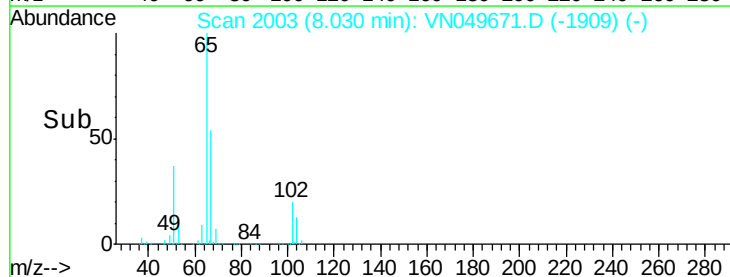
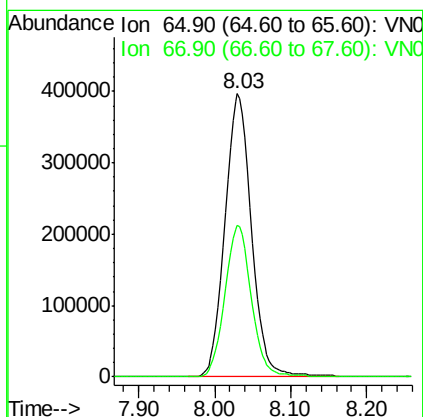
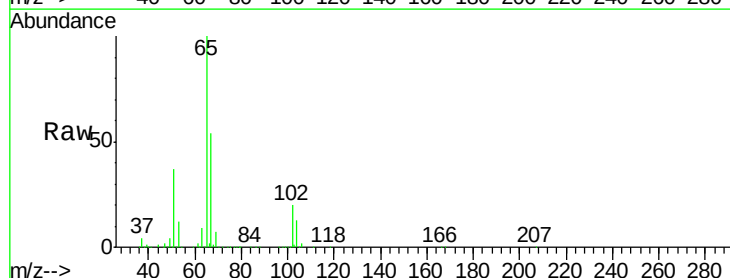
Instrument :
MSVOA_N
ClientSampled :
DRUM-7-12

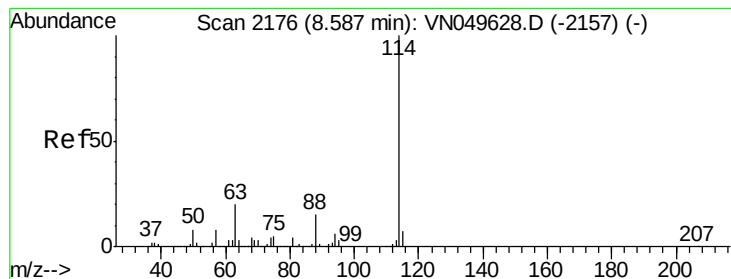
Tot Ion: 83 Resp: 38383
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 51.23 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049671.D
Acq: 2 Jul 2018 16:01

Tgt Ion: 65 Resp: 964263
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

DRUM-7-12

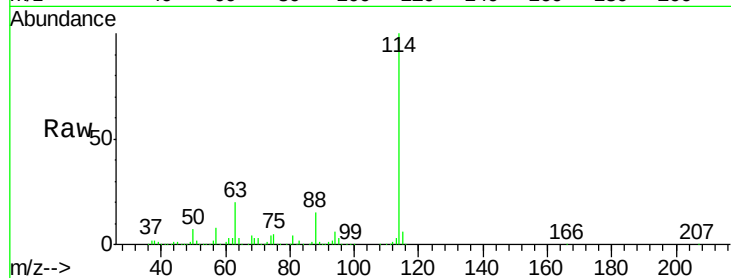
Tot Ion:114 Resp: 2265257

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

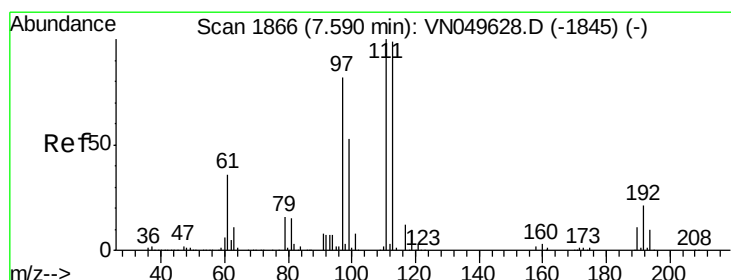
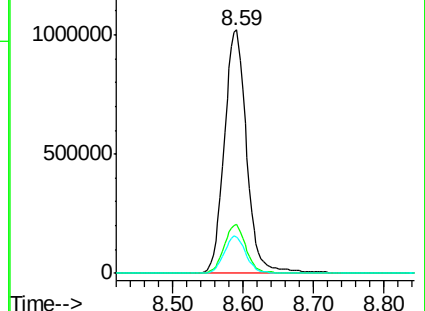
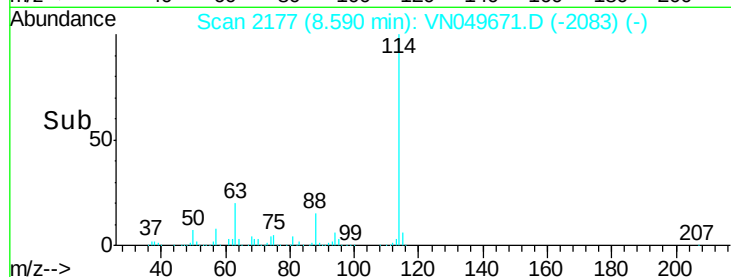
88 15.1 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.26 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

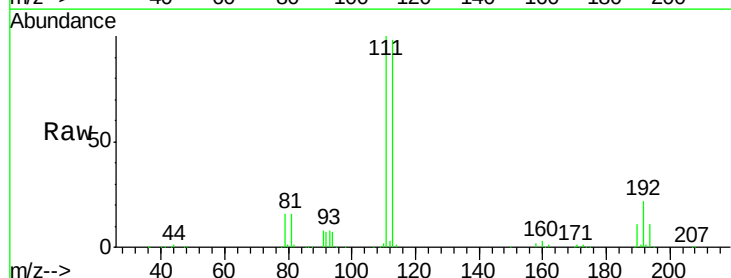
Tgt Ion:113 Resp: 834145

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

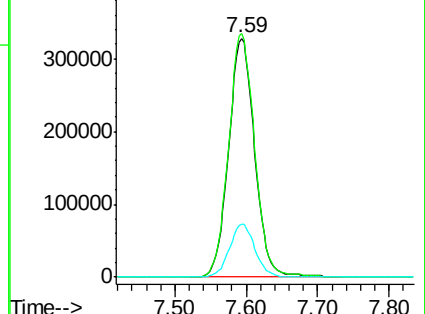
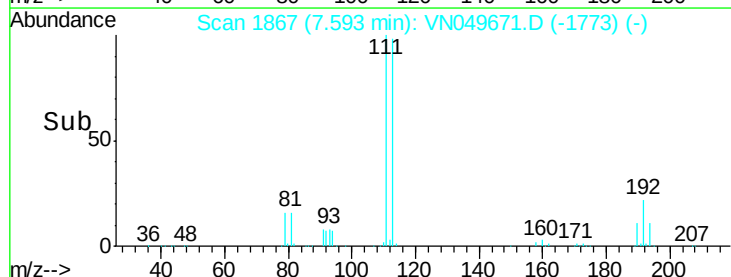
192 22.0 17.8 26.6

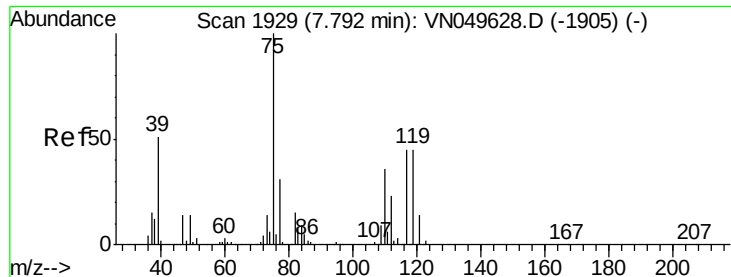


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

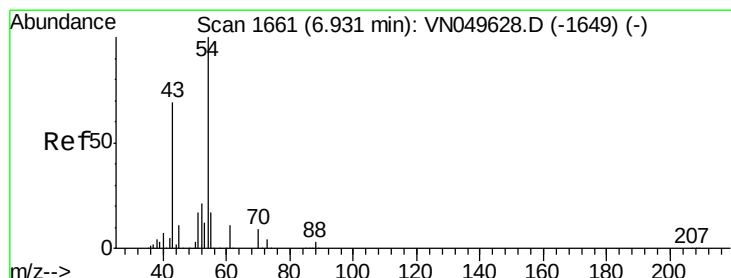
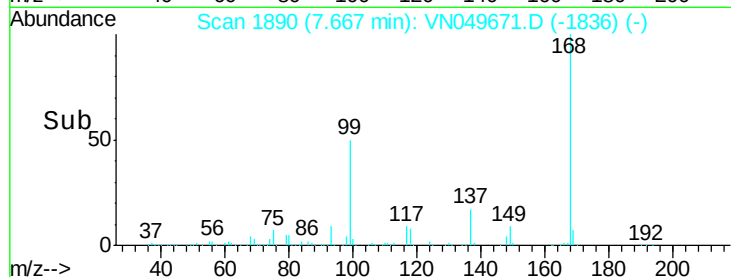
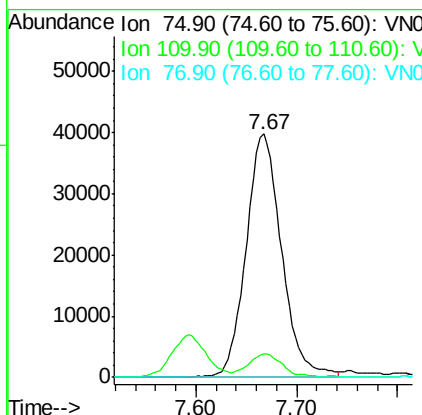
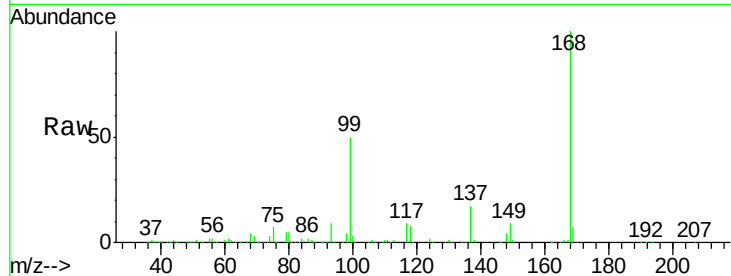




#36
 1,1-Dichloropropene
 Concen: 3.80 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049671.D
 Acq: 2 Jul 2018 16:01

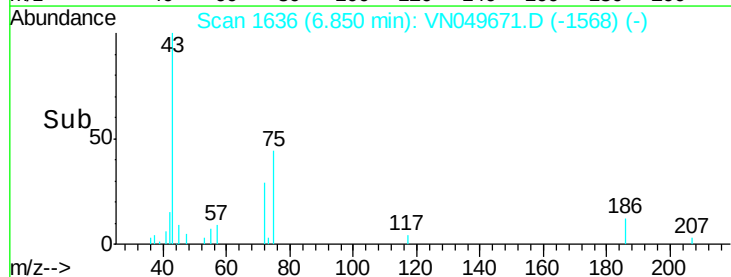
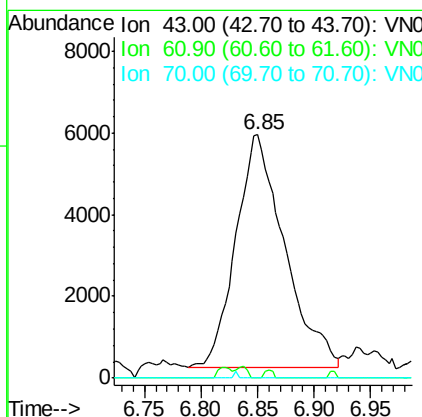
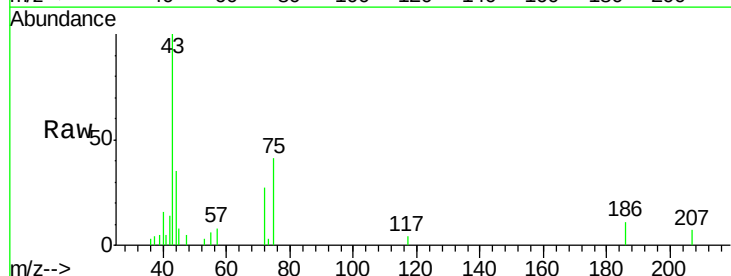
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-7-12

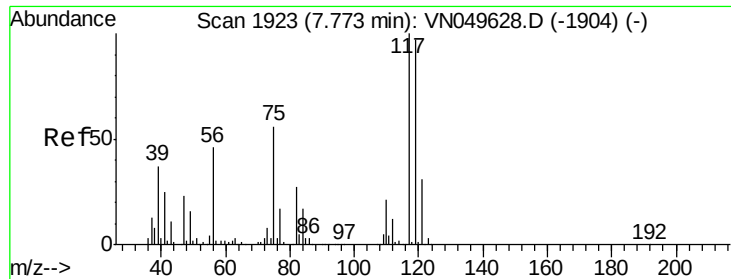
Tot Ion	75	Resp	96963
Ion Ratio	Lower	Upper	
75	100		
110	9.3	18.1	54.4#
77	0.0	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 1.16 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. -0.08 min
 Lab File: VN049671.D
 Acq: 2 Jul 2018 16:01

Tgt Ion	43	Resp	17173
Ion Ratio	Lower	Upper	
43	100		
61	0.6	11.7	17.5#
70	0.0	8.4	12.6#





#38

Carbon Tetrachloride

Concen: 5.14 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

DRUM-7-12

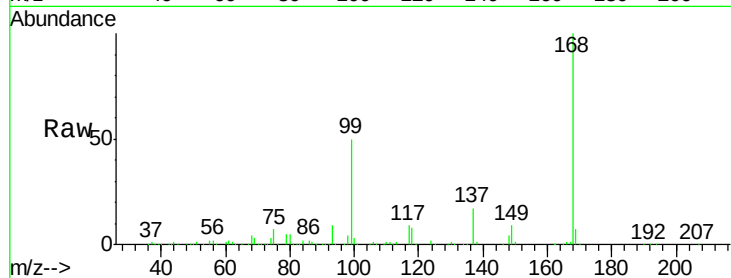
Tot Ion:117 Resp: 127342

Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

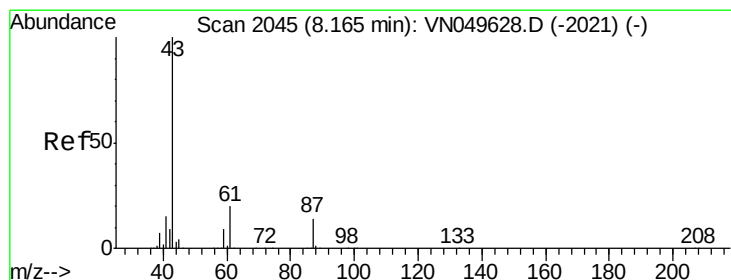
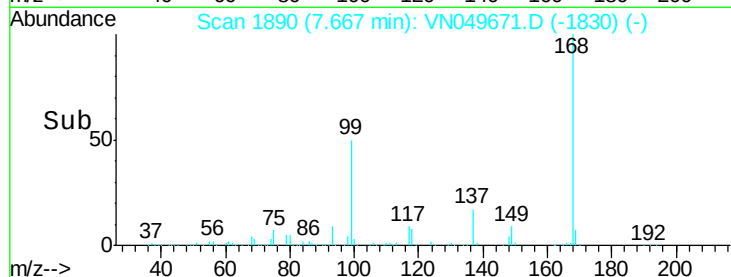
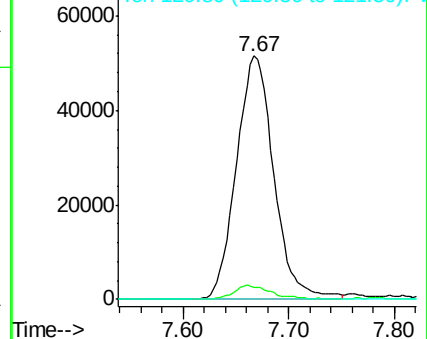
121 0.0 25.0 37.6#



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: 7.10 ug/l

RT: 8.31 min Scan# 2089

Delta R.T. 0.14 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

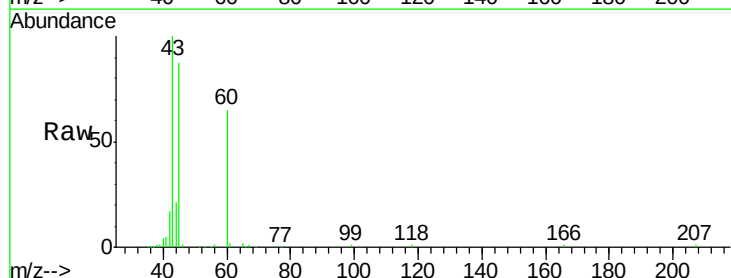
Tgt Ion: 43 Resp: 224343

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

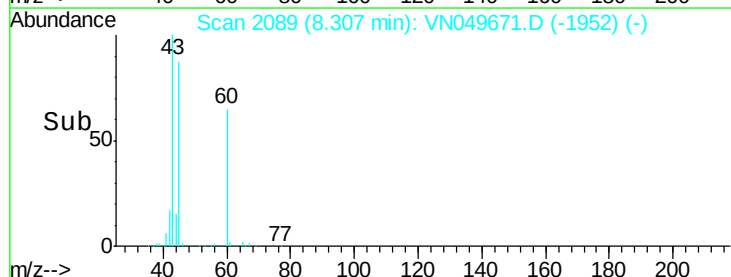
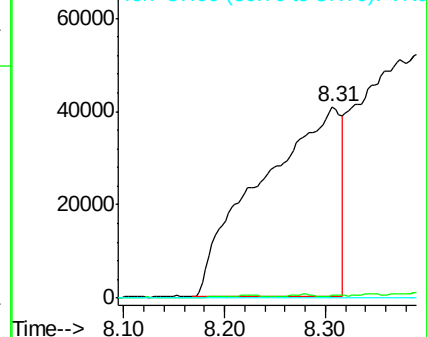
87 0.0 10.0 15.0#

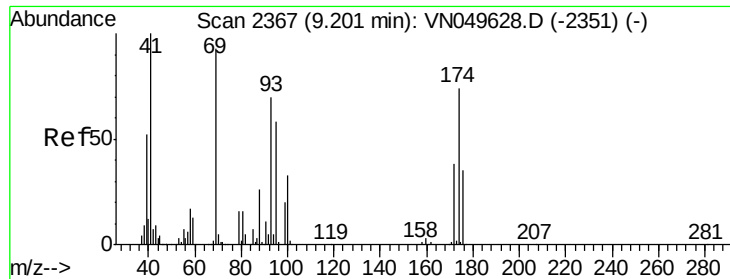


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

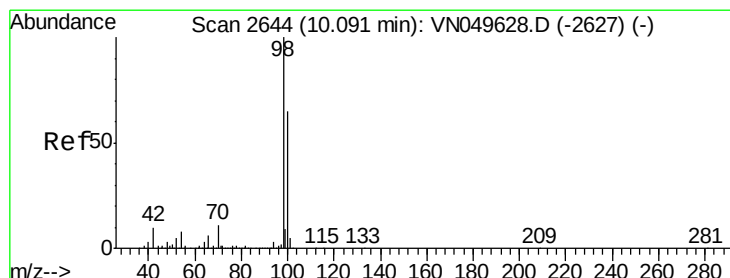
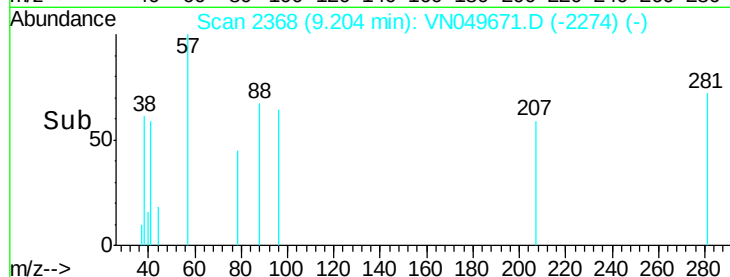
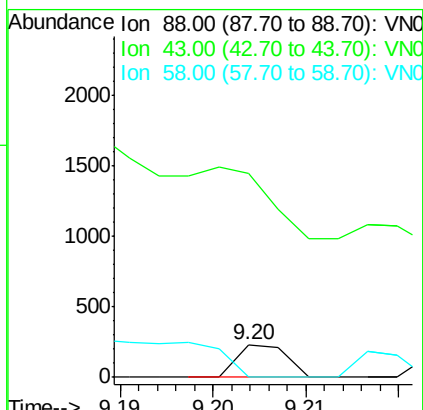
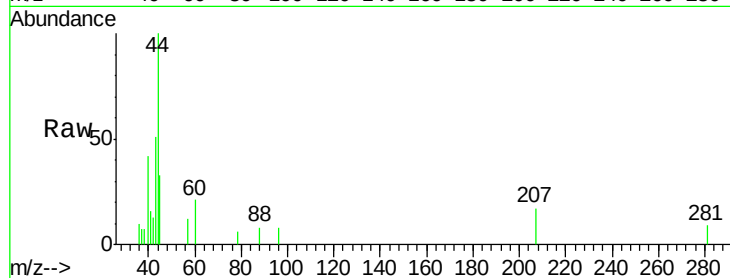




#49
1,4-Dioxane
Concen: 0.48 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049671.D
Acq: 2 Jul 2018 16:01

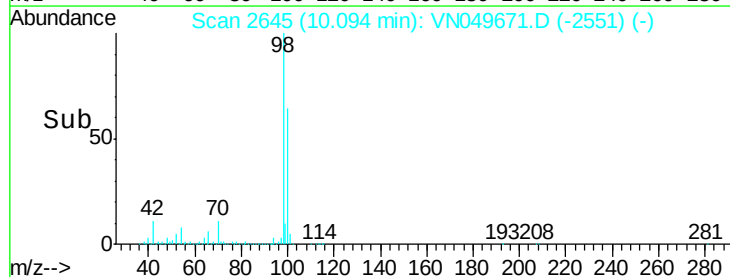
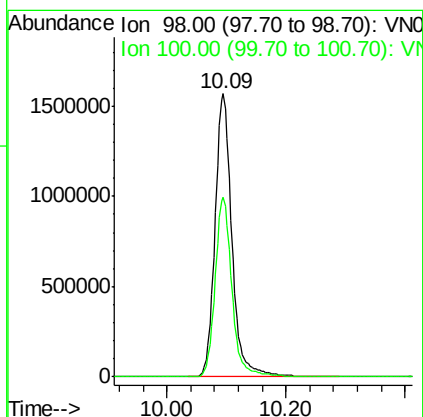
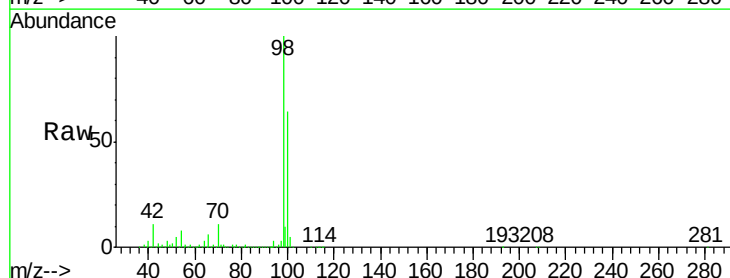
Instrument :
MSVOA_N
ClientSampled :
DRUM-7-12

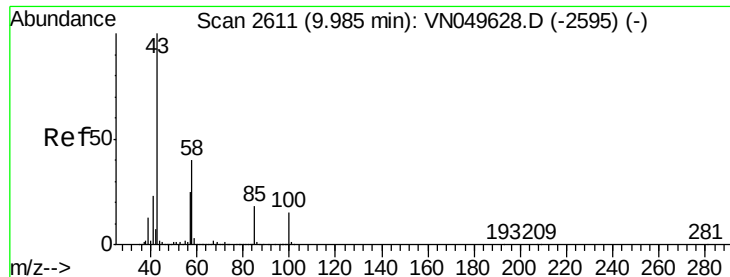
Tot Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 1014.0 25.1 37.7#
58 0.0 52.5 78.7#



#50
Toluene-d8
Concen: 46.36 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049671.D
Acq: 2 Jul 2018 16:01

Tgt Ion: 98 Resp: 3073417
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.36 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

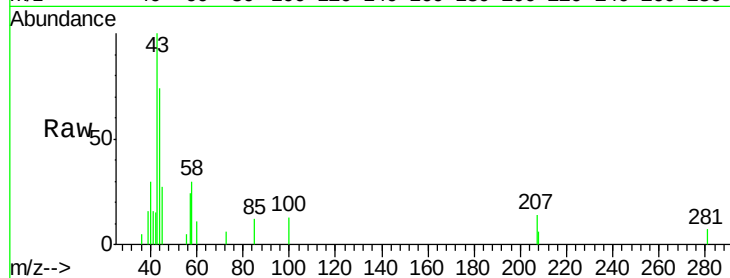
DRUM-7-12

Tot Ion: 43 Resp: 5247

Ion Ratio Lower Upper

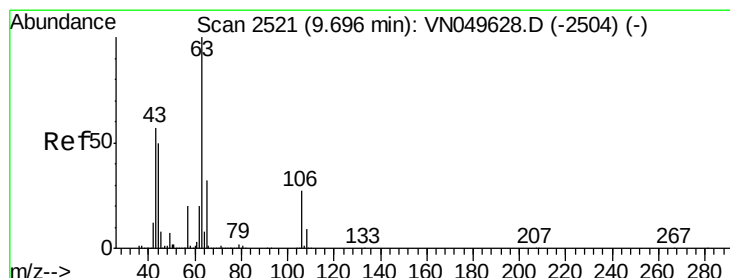
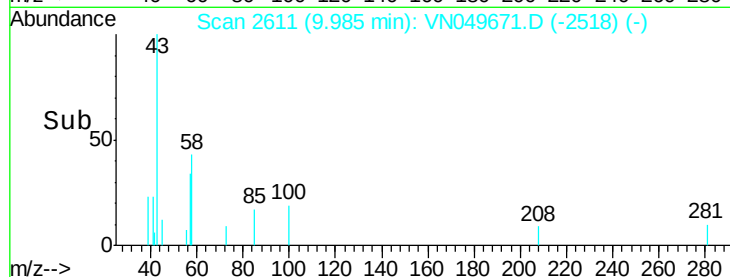
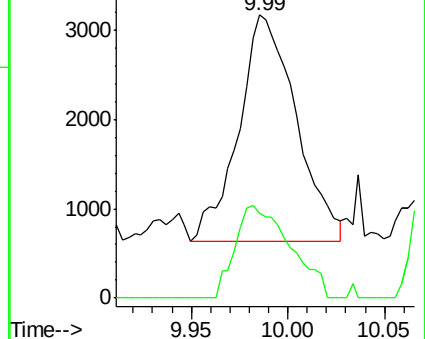
43 100

58 39.0 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 10.82 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049671.D

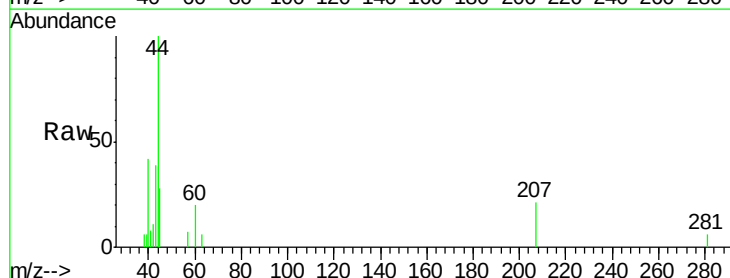
Acq: 2 Jul 2018 16:01

Tgt Ion: 63 Resp: 29

Ion Ratio Lower Upper

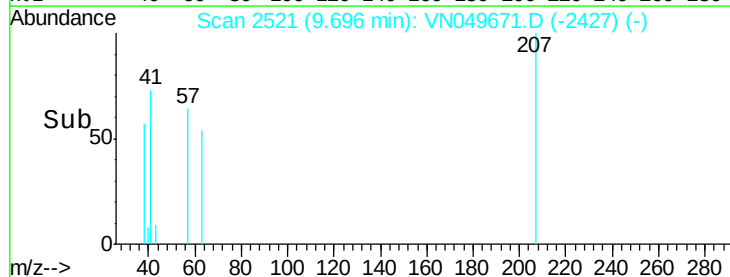
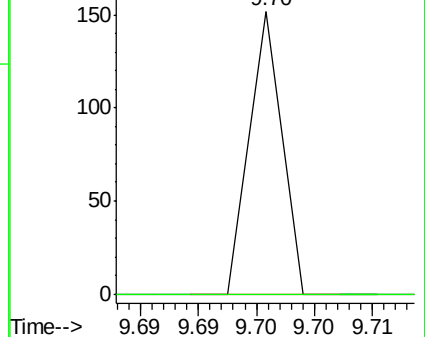
63 100

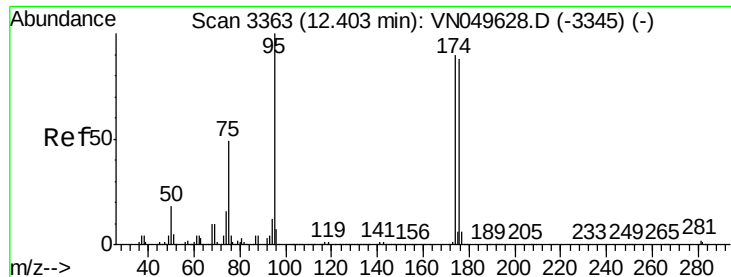
106 0.0 21.8 32.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 39.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

DRUM-7-12

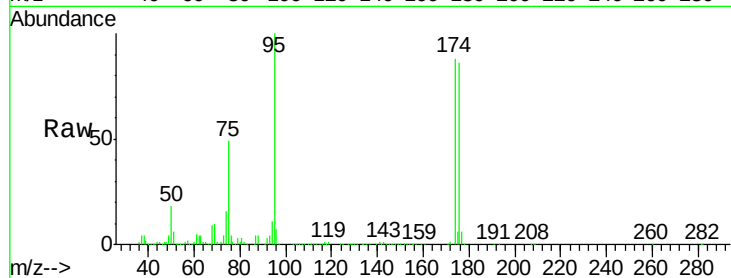
Tot Ion: 95 Resp: 894627

Ion Ratio Lower Upper

95 100

174 90.3 0.0 179.6

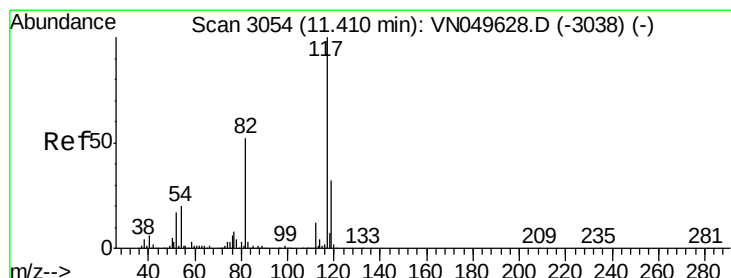
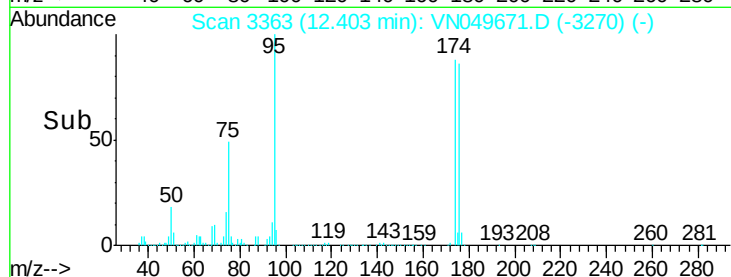
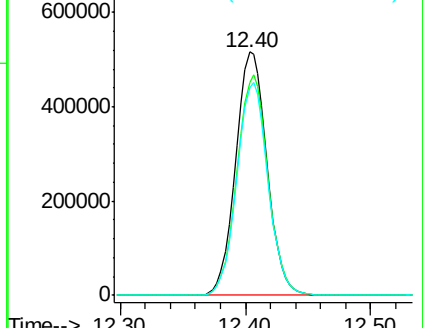
176 87.1 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

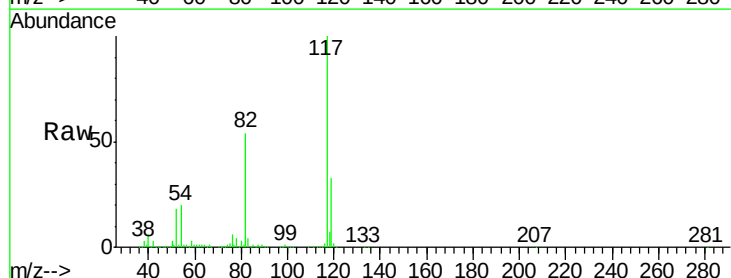
Tgt Ion: 117 Resp: 1896693

Ion Ratio Lower Upper

117 100

82 54.1 41.9 62.9

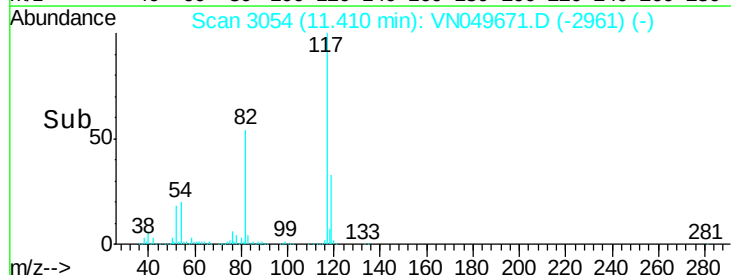
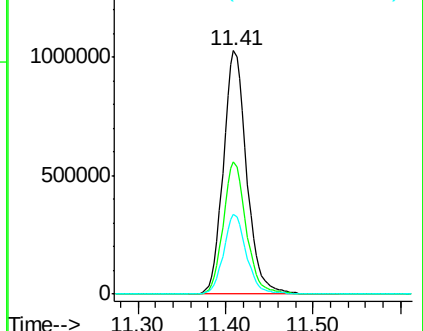
119 32.6 25.4 38.2

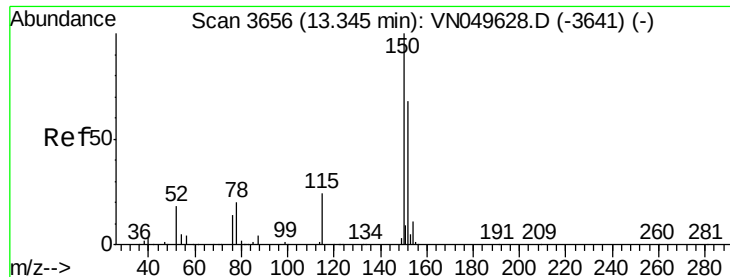


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

DRUM-7-12

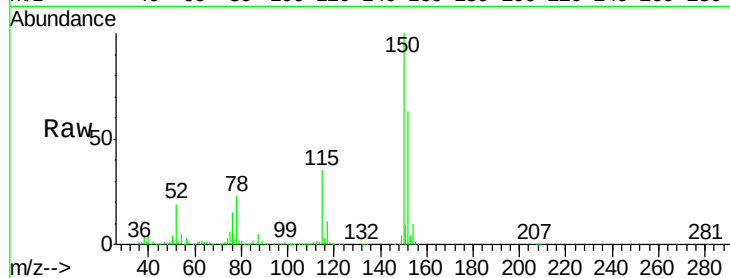
Tot Ion:152 Resp: 721392

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

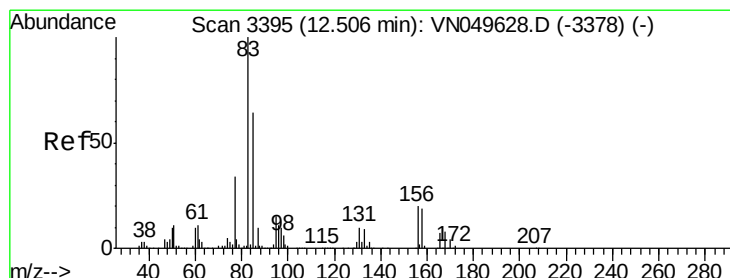
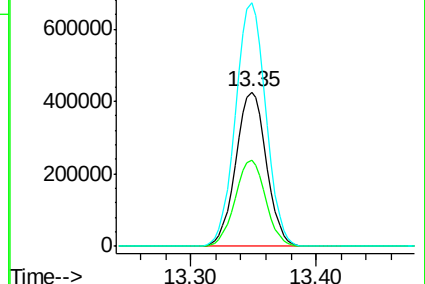
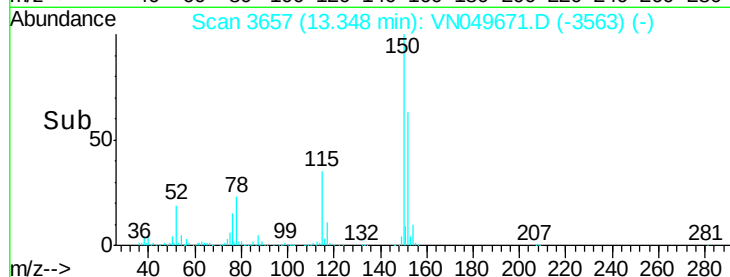
150 156.7 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3400

Delta R.T. 0.02 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

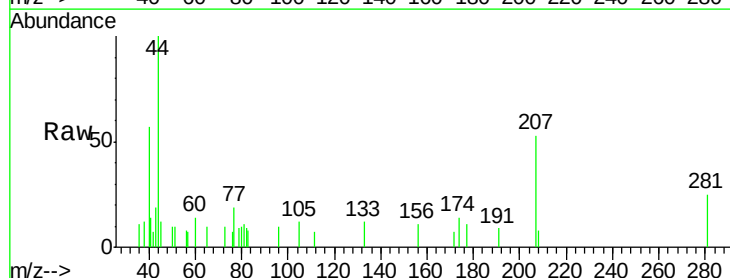
Tgt Ion: 83 Resp: 100

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

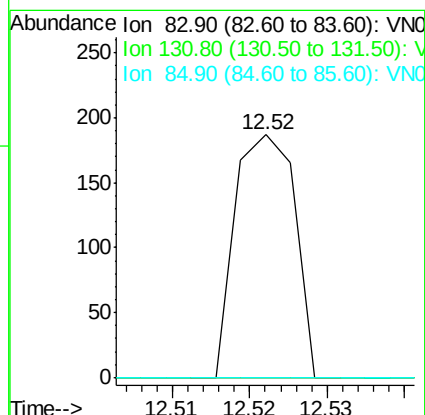
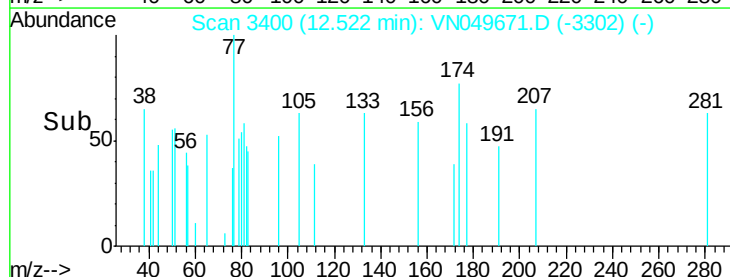
85 0.0 32.5 97.4#

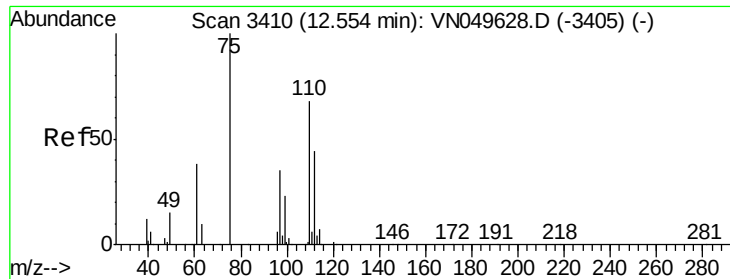


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 37.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

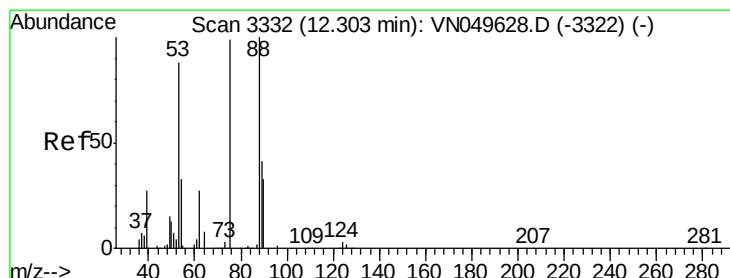
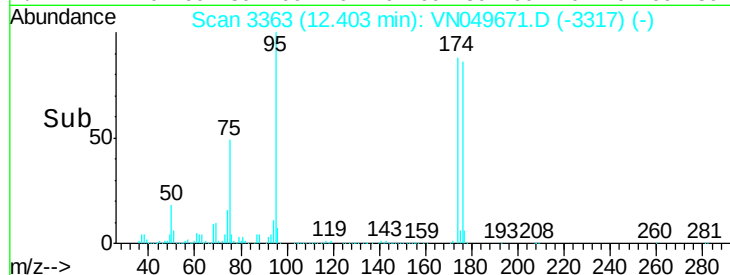
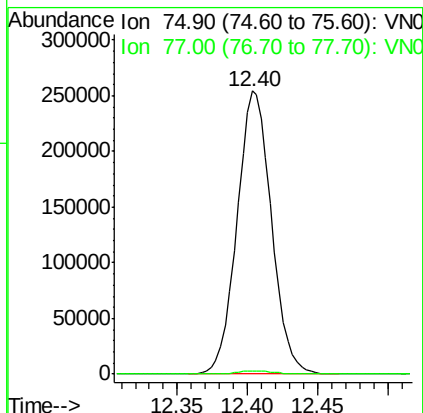
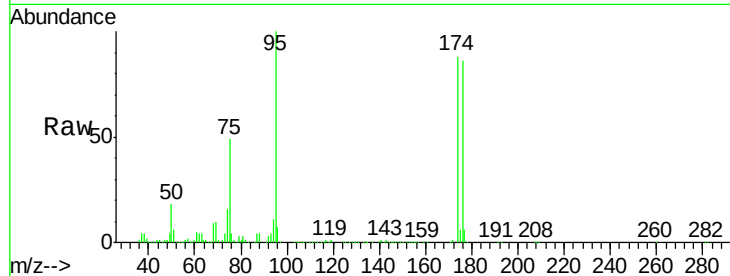
DRUM-7-12

Tot Ion: 75 Resp: 434149

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 127.45 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

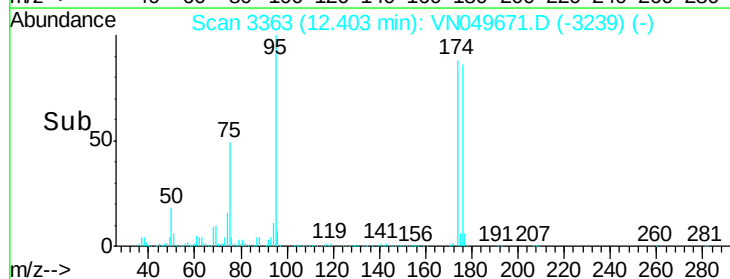
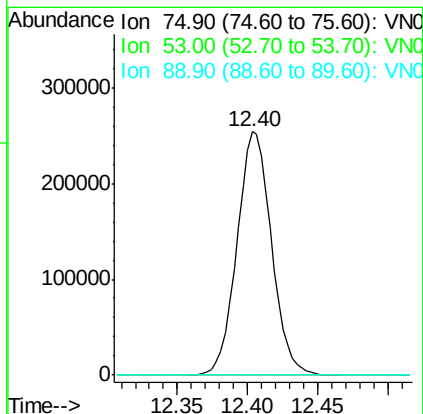
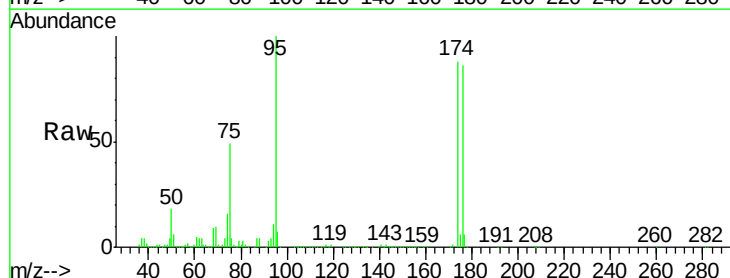
Tgt Ion: 75 Resp: 434149

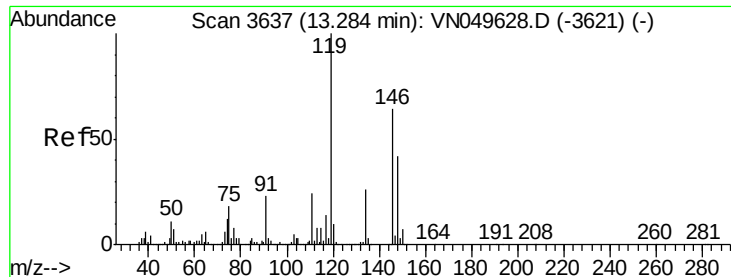
Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

89 0.0 35.9 53.9#

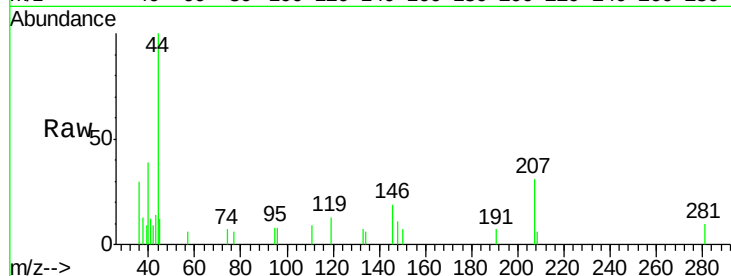




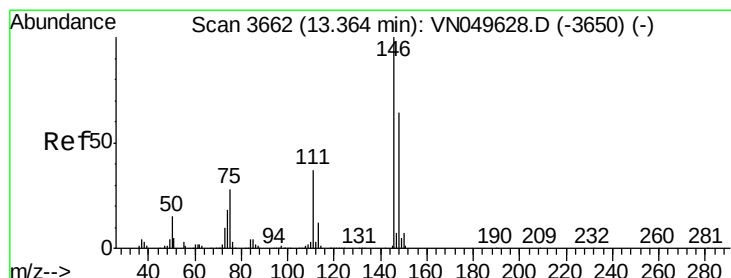
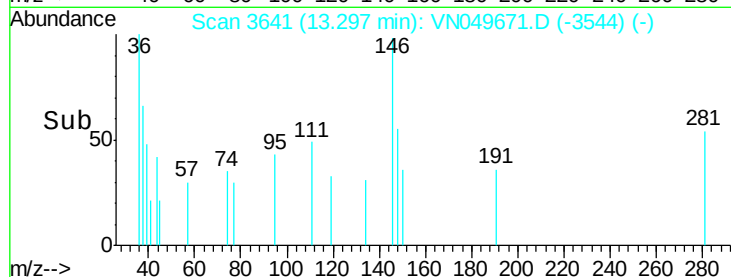
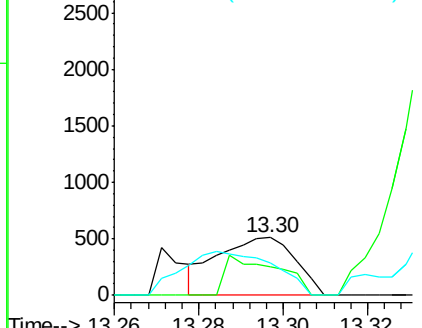
#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.30 min Scan# 3641
 Delta R.T. 0.01 min
 Lab File: VN049671.D
 Acq: 2 Jul 2018 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-7-12

Tot Ion:146 Resp: 656
 Ion Ratio Lower Upper
 146 100
 111 46.3 19.0 57.0
 148 89.8 32.5 97.5

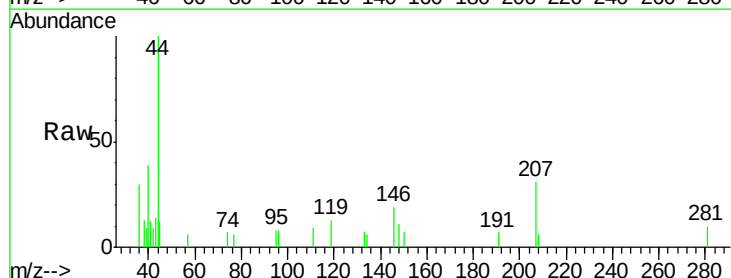


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

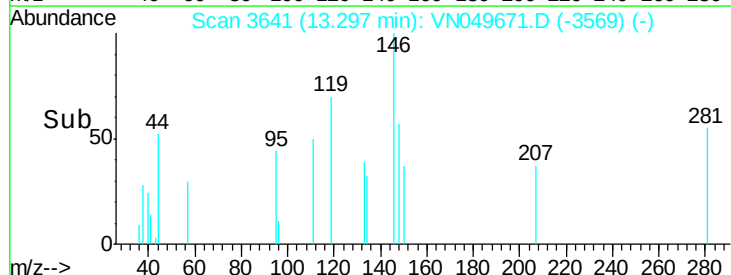
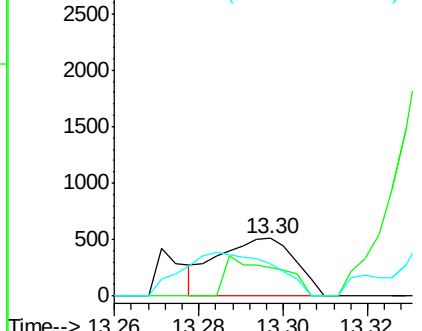


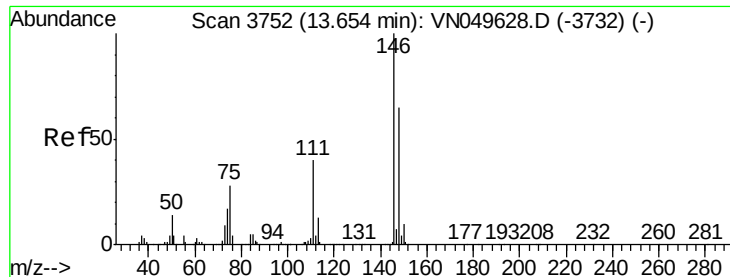
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.30 min Scan# 3641
 Delta R.T. -0.07 min
 Lab File: VN049671.D
 Acq: 2 Jul 2018 16:01

Tgt Ion:146 Resp: 656
 Ion Ratio Lower Upper
 146 100
 111 46.3 18.9 56.5
 148 89.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

DRUM-7-12

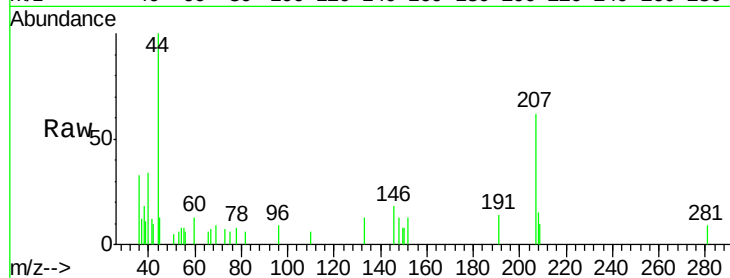
Tot Ion:146 Resp: 649

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.1#

148 70.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

600

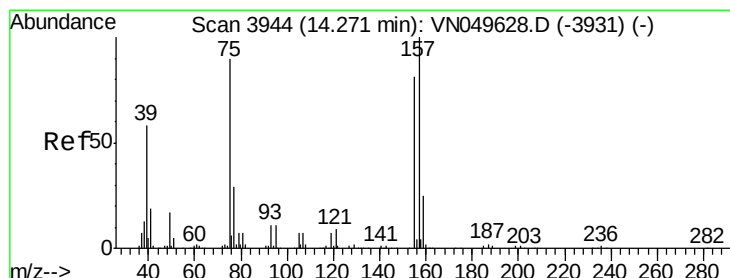
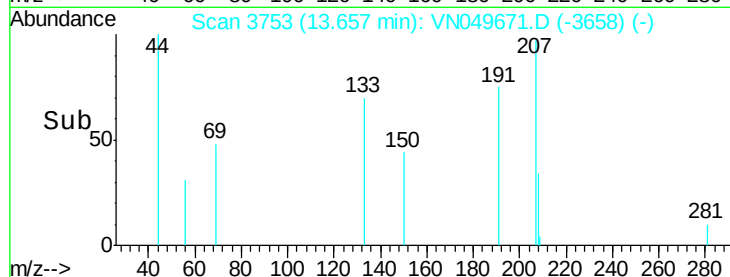
400

200

0

13.66

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

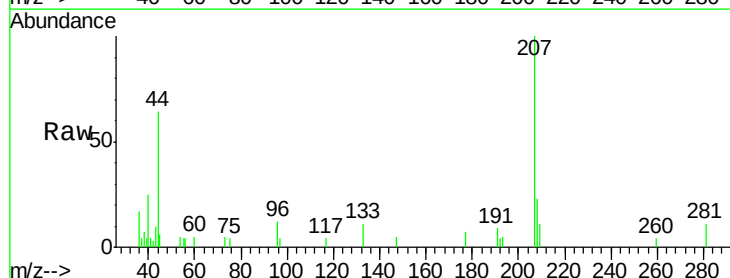
Tgt Ion: 75 Resp: 161

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

157 0.0 56.9 170.7#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

250

200

150

100

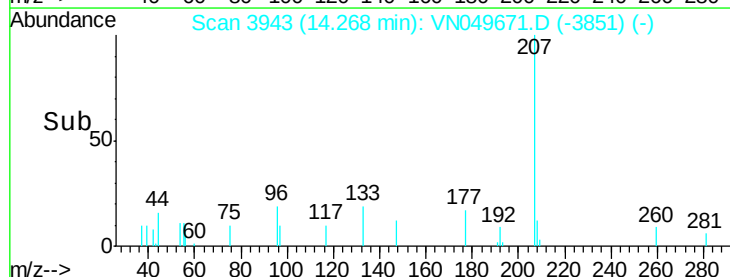
50

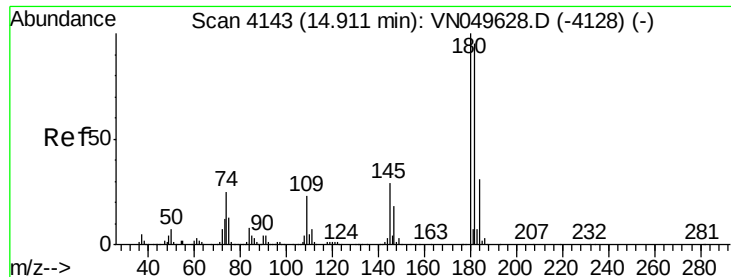
0

14.27

14.28

Time-->

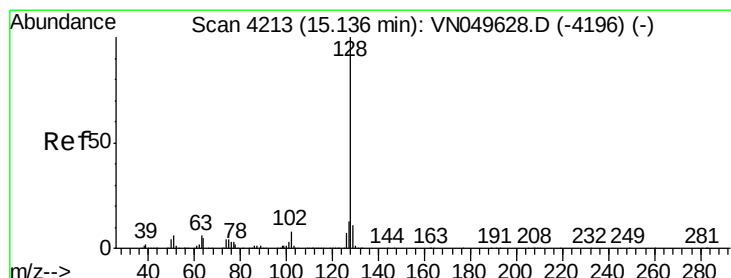
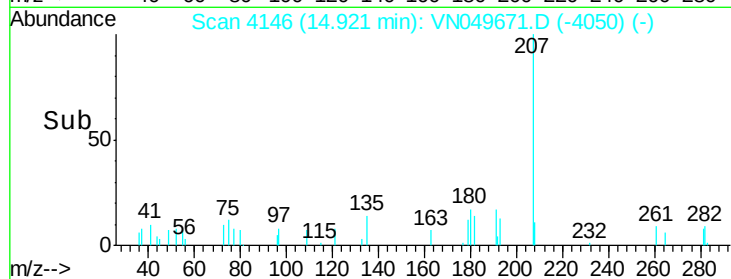
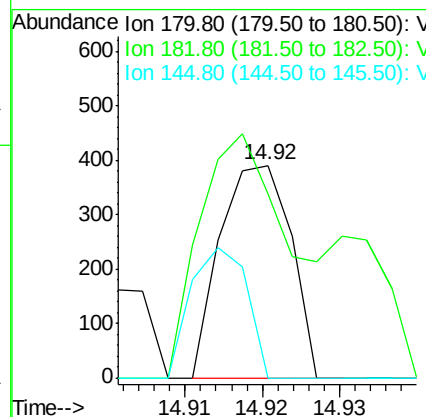
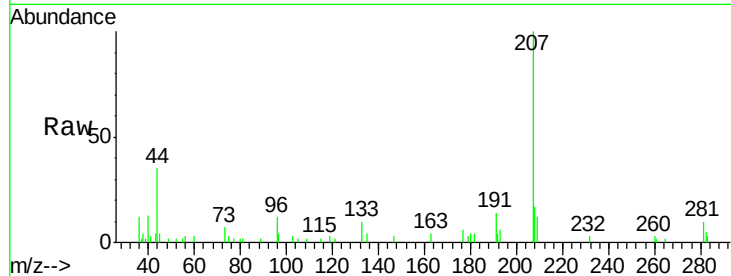




#93
 1,2,4-Trichlorobenzene
 Concen: 2.42 ug/l
 RT: 14.92 min Scan# 4146
 Delta R.T. 0.01 min
 Lab File: VN049671.D
 Acq: 2 Jul 2018 16:01

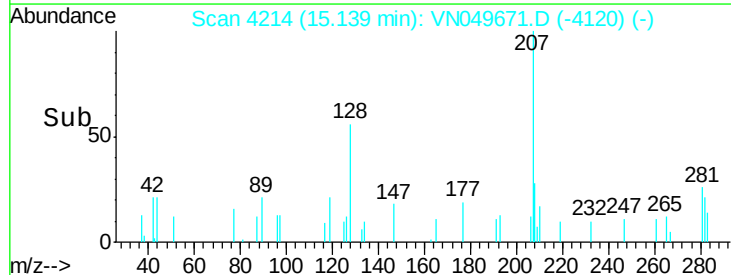
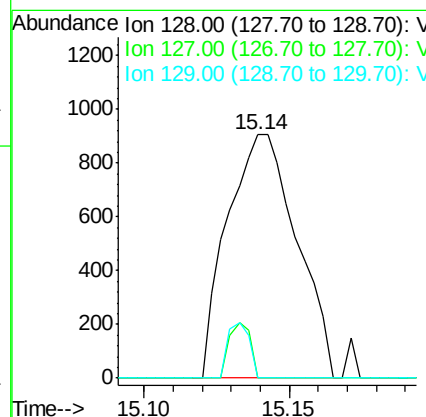
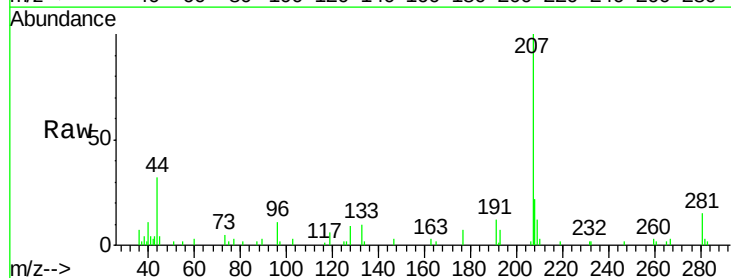
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-7-12

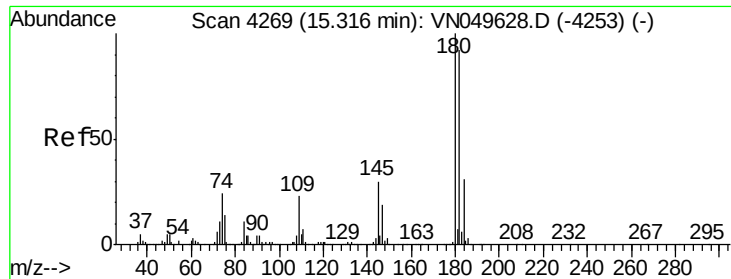
Tot Ion:180 Resp: 247
 Ion Ratio Lower Upper
 180 100
 182 145.7 47.3 141.9#
 145 48.6 14.4 43.0#



#95
 Naphthalene
 Concen: 4.09 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN049671.D
 Acq: 2 Jul 2018 16:01

Tgt Ion:128 Resp: 1505
 Ion Ratio Lower Upper
 128 100
 127 7.0 10.4 15.6#
 129 7.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.68 ug/l
 RT: 15.33 min Scan# 4272
 Delta R.T. 0.01 min
 Lab File: VN049671.D
 Acq: 2 Jul 2018 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-7-12

Tot Ion	Ratio	Lower	Upper
180	100		
182	40.8	47.4	142.2#
145	13.8	15.2	45.6#

