

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050320.D
 Acq On : 3 Aug 2018 18:17
 Operator : MD\SY
 Sample : PB111719ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#05

Quant Time: Aug 03 23:29:04 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	679779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1141961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	968846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404772	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	487727	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
35) Dibromofluoromethane	7.59	113	422913	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
50) Toluene-d8	10.09	98	1535730	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	
62) 4-Bromofluorobenzene	12.40	95	447140	39.62	ug/l	0.00
Spiked Amount			Recovery	=	79.24%	

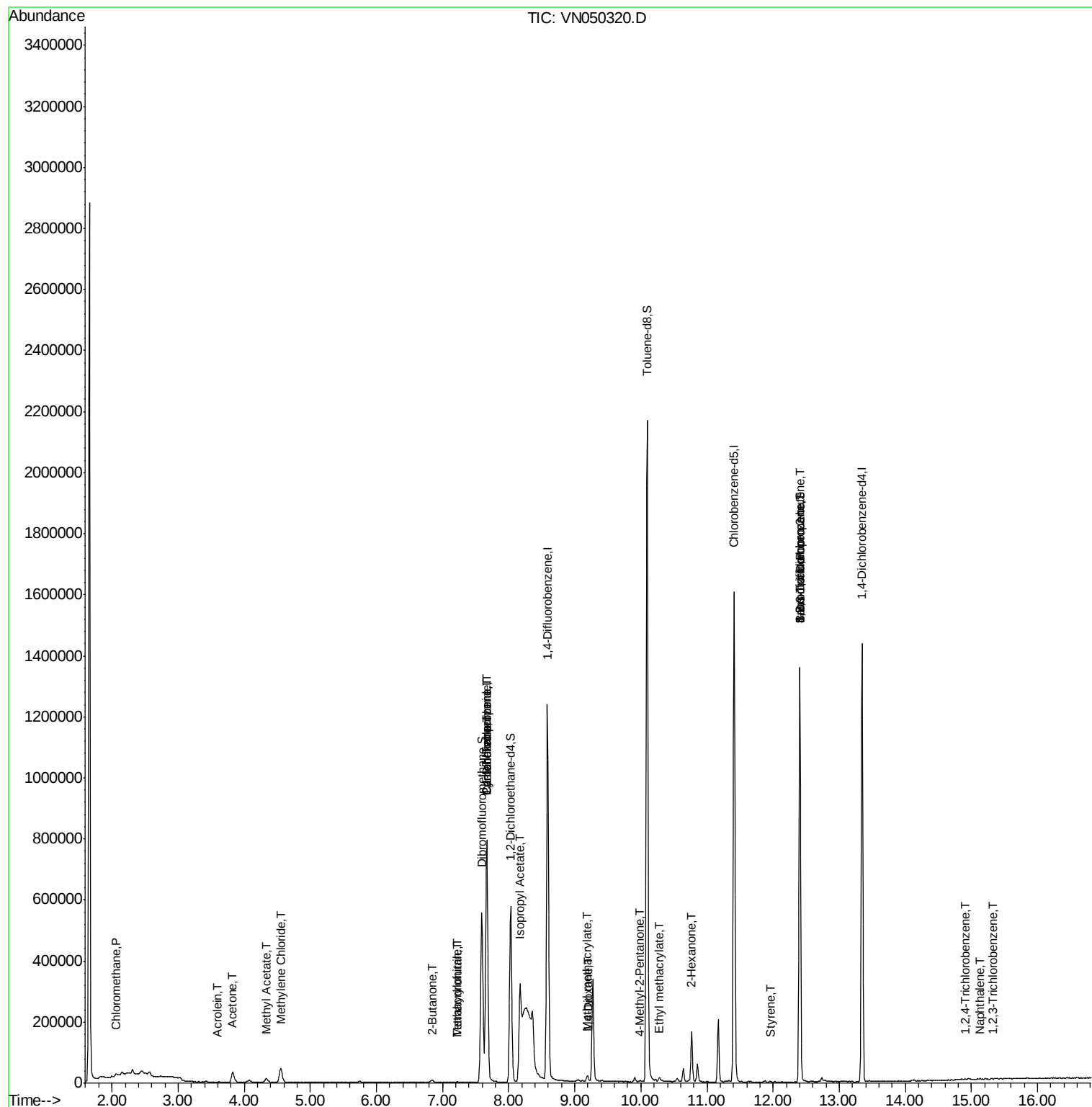
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4456	0.42	ug/l	96
5) Bromomethane	2.56	94	4500	Below Cal		96
13) Acrolein	3.59	56	175	0.31	ug/l #	1
16) Acetone	3.82	43	58599	22.27	ug/l	98
18) Methyl Acetate	4.34	43	23411	1.10	ug/l	97
20) Methylene Chloride	4.55	84	36319	3.14	ug/l	98
25) 2-Butanone	6.85	43	7078	1.96	ug/l #	87
29) Tetrahydrofuran	7.22	42	2309	0.99	ug/l #	64
31) Cyclohexane	7.67	56	12440	0.89	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	47299	3.68	ug/l #	48
38) Carbon Tetrachloride	7.67	117	61844	4.53	ug/l #	17
41) Methacrylonitrile	7.23	41	1678	3.09	ug/l #	24
43) Isopropyl Acetate	8.17	43	413777	23.88	ug/l #	89
48) Methyl methacrylate	9.18	41	9645	1.25	ug/l #	20
49) 1,4-Dioxane	9.20	88	295	2.81	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3808	0.43	ug/l	89
56) Ethyl methacrylate	10.29	69	102	2.04	ug/l #	1
59) 2-Hexanone	10.77	43	23142	8.67	ug/l #	60
70) Styrene	11.96	104	303	0.93	ug/l #	42
71) Bromoform	12.41	173	4275	0.62	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	208	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	214821	28.56	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	214821	90.58	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	162	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	156	3.11	ug/l #	79
95) Naphthalene	15.13	128	1063	4.47	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.33	180	202	2.23	ug/l #	50

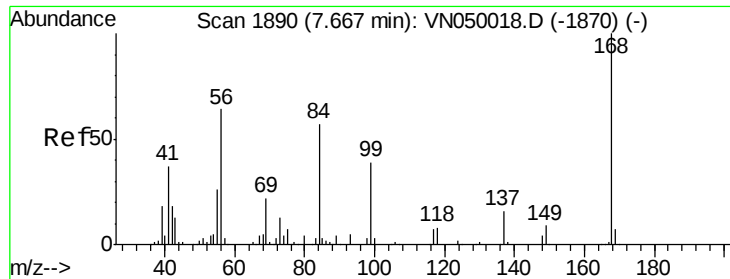
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

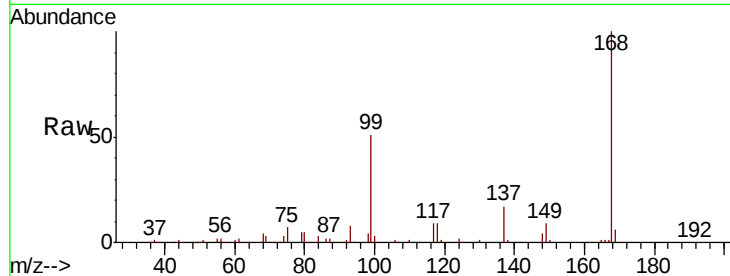
PB111719ZHE#05

Tot Ion:168 Resp: 679779

Ion Ratio Lower Upper

168 100

99 50.6 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

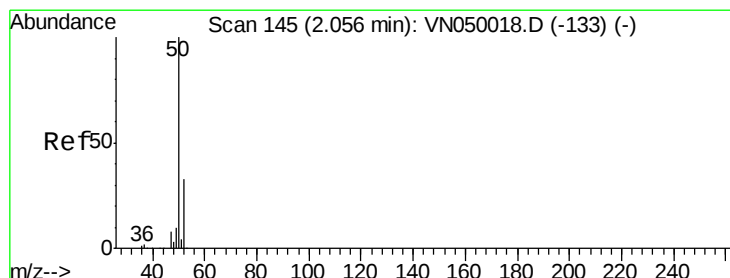
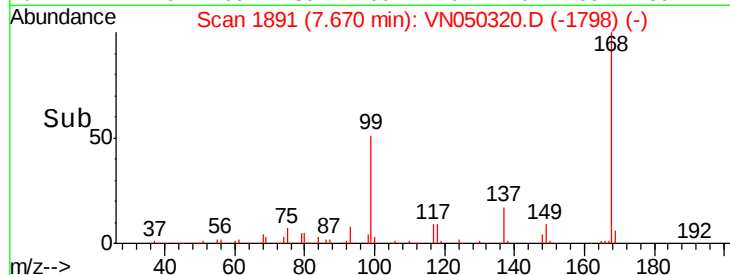
200000

100000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.42 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050320.D

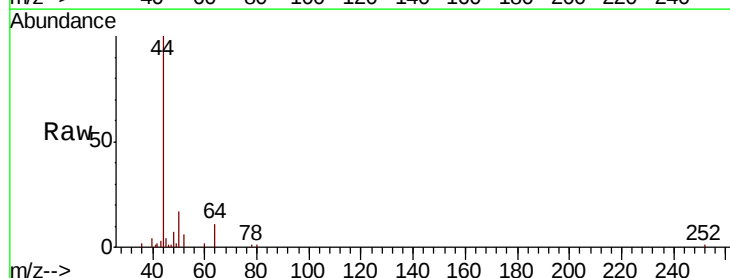
Acq: 3 Aug 2018 18:17

Tgt Ion: 50 Resp: 4456

Ion Ratio Lower Upper

50 100

52 34.8 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

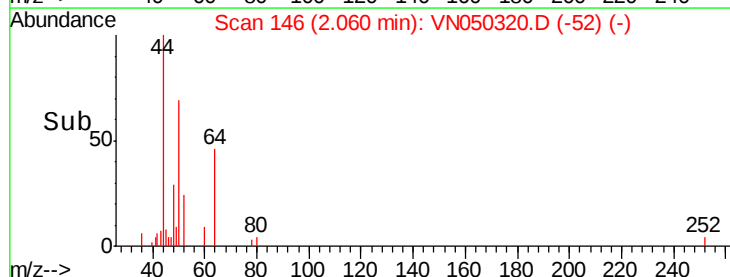
2000

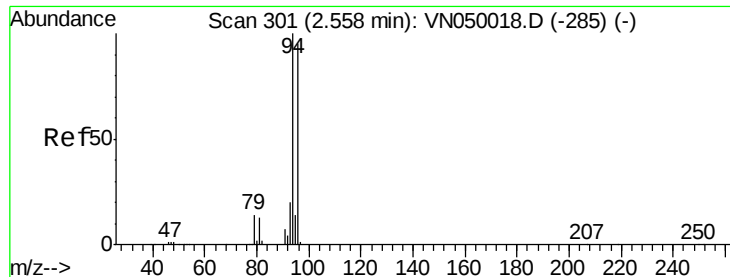
1000

0

2.00 2.05 2.10

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

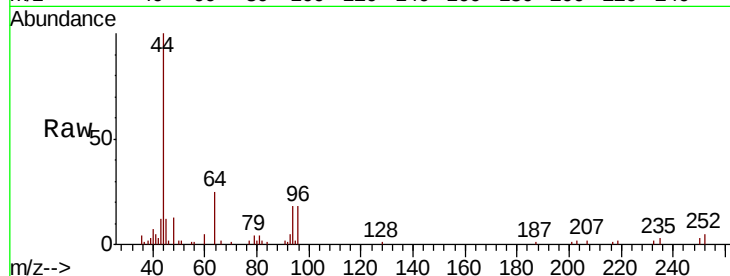
PB111719ZHE#05

Tot Ion: 94 Resp: 4500

Ion Ratio Lower Upper

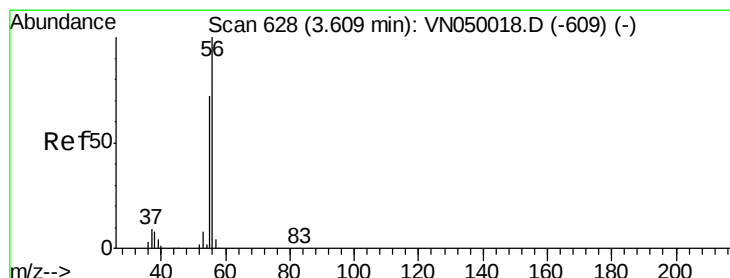
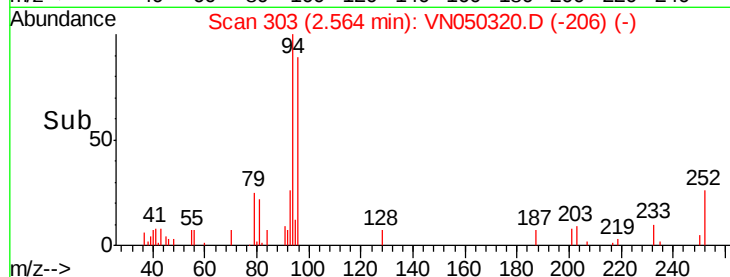
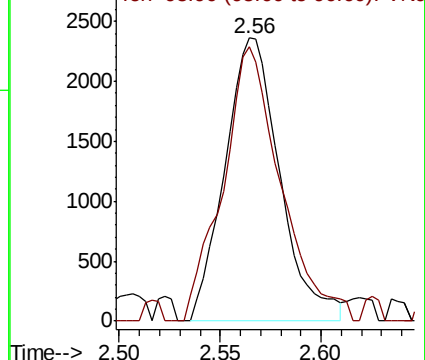
94 100

96 89.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#13

Acrolein

Concen: 0.31 ug/l

RT: 3.59 min Scan# 623

Delta R.T. -0.02 min

Lab File: VN050320.D

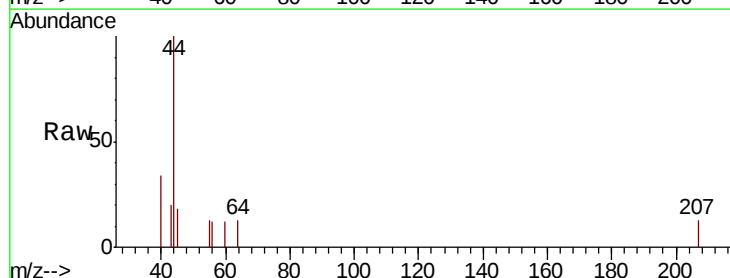
Acq: 3 Aug 2018 18:17

Tgt Ion: 56 Resp: 175

Ion Ratio Lower Upper

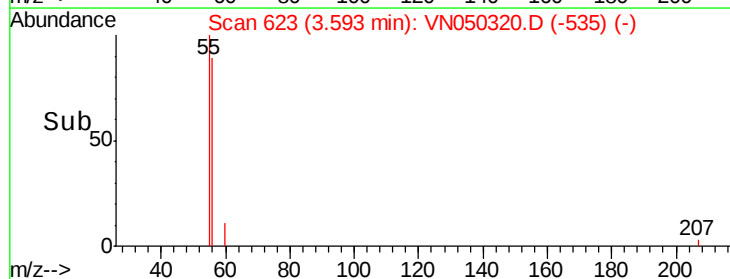
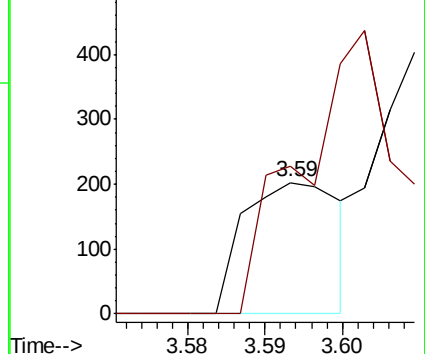
56 100

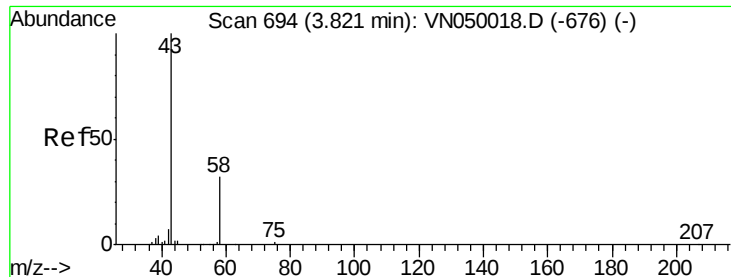
55 228.6 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 22.27 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

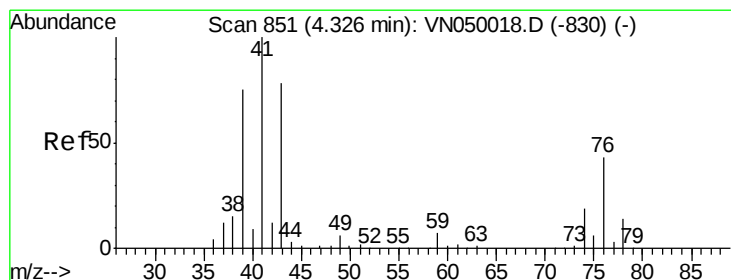
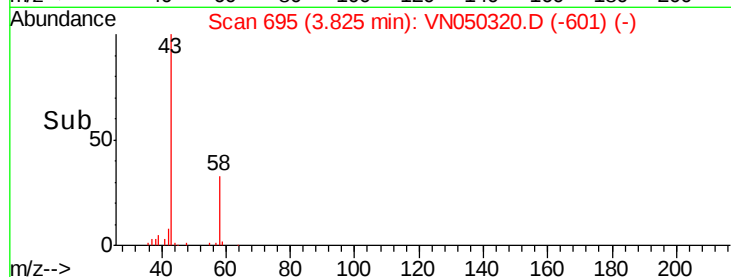
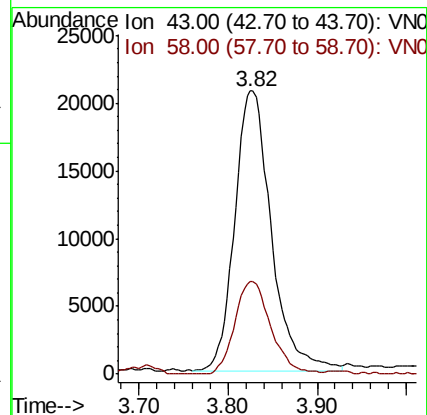
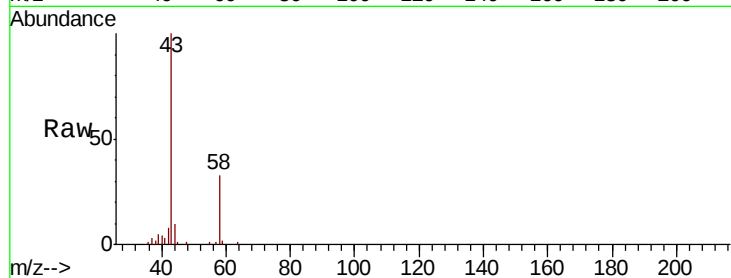
PB111719ZHE#05

Tot Ion: 43 Resp: 58599

Ion Ratio Lower Upper

43 100

58 33.2 25.8 38.8



#18

Methyl Acetate

Concen: 1.10 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050320.D

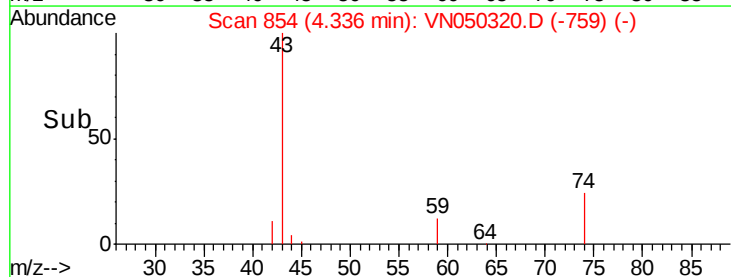
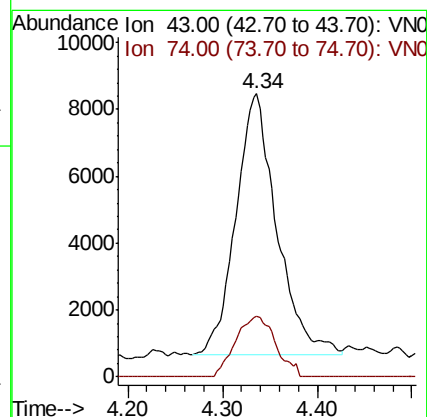
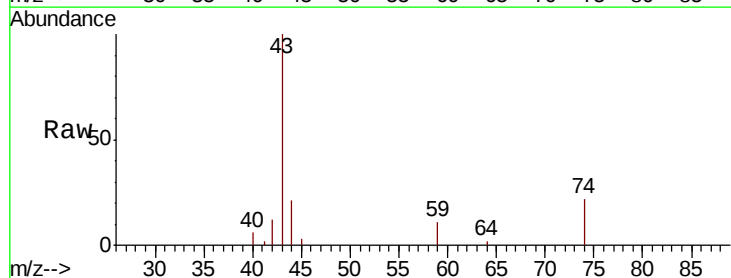
Acq: 3 Aug 2018 18:17

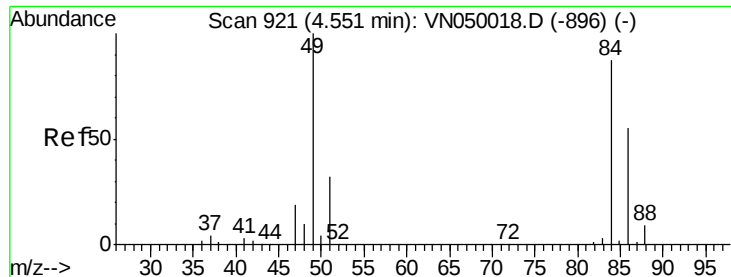
Tgt Ion: 43 Resp: 23411

Ion Ratio Lower Upper

43 100

74 22.7 19.2 28.8





#20

Methylene Chloride

Concen: 3.14 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#05

Tot Ion: 84 Resp: 36319

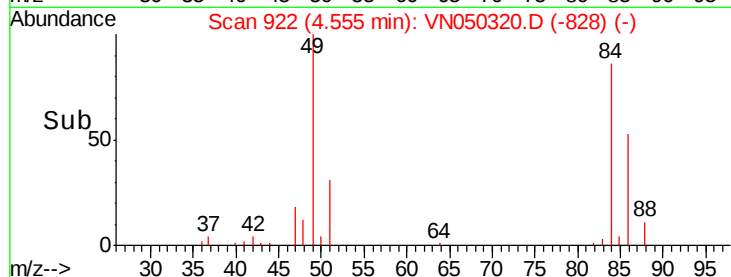
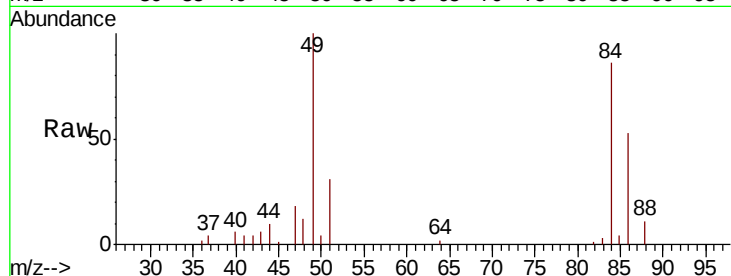
Ion Ratio Lower Upper

84 100

49 116.1 94.8 142.2

51 35.8 28.3 42.5

86 62.0 51.0 76.6



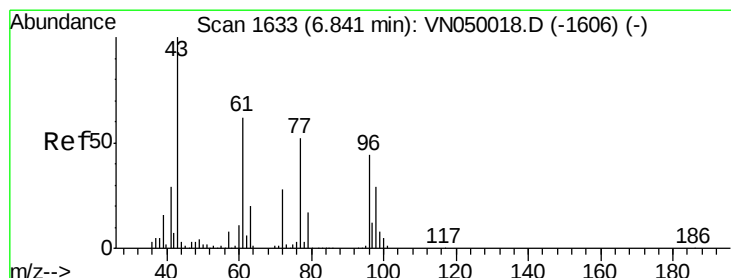
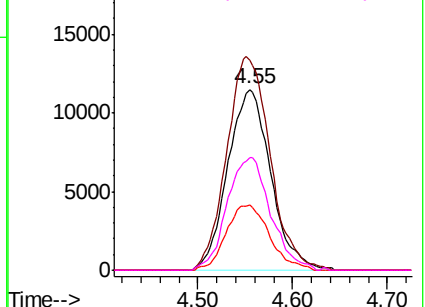
Abundance

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: 1.96 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050320.D

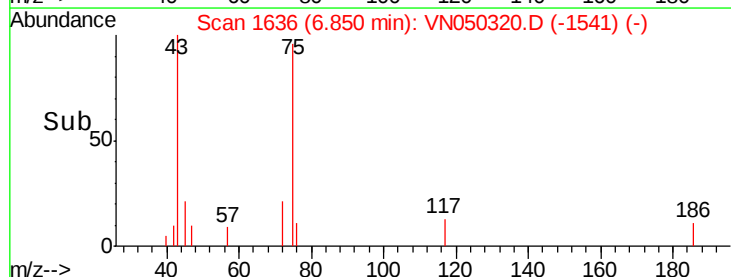
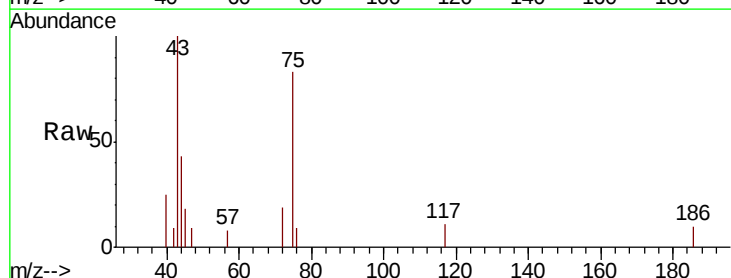
Acq: 3 Aug 2018 18:17

Tgt Ion: 43 Resp: 7078

Ion Ratio Lower Upper

43 100

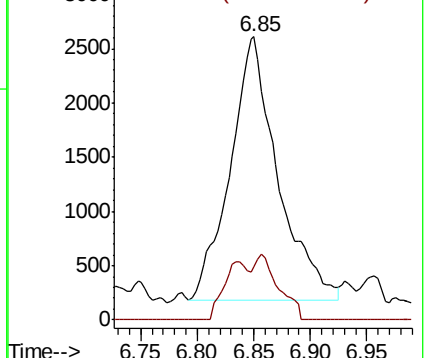
72 19.9 21.5 32.3#

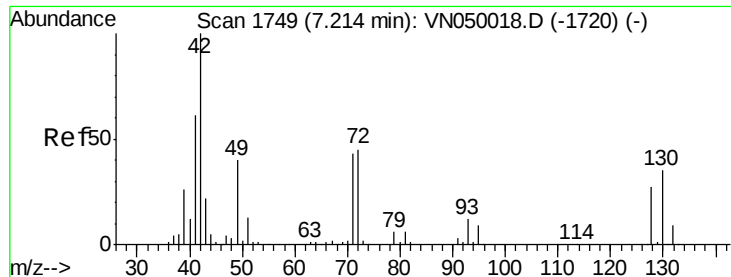


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.99 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#05

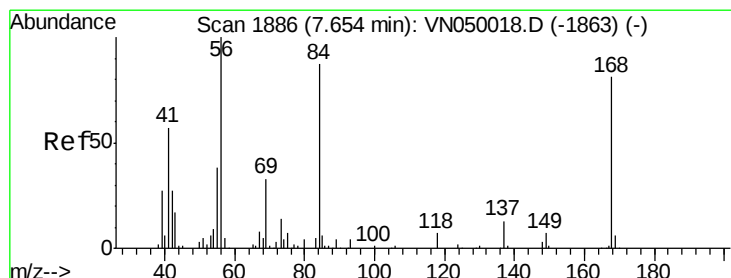
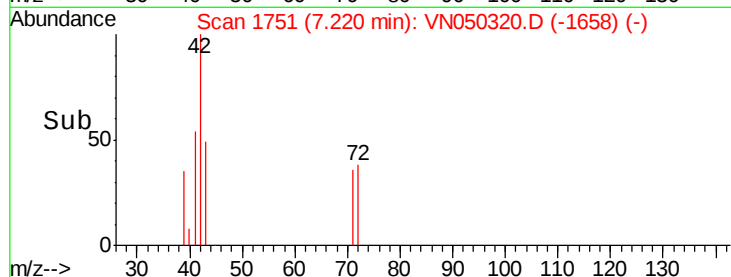
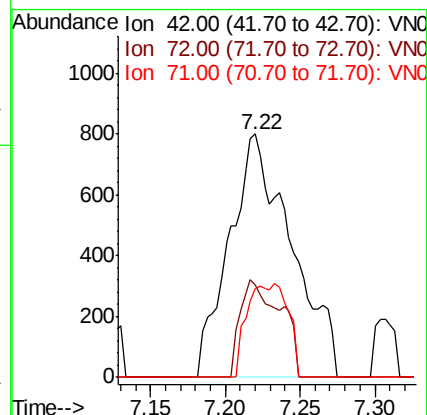
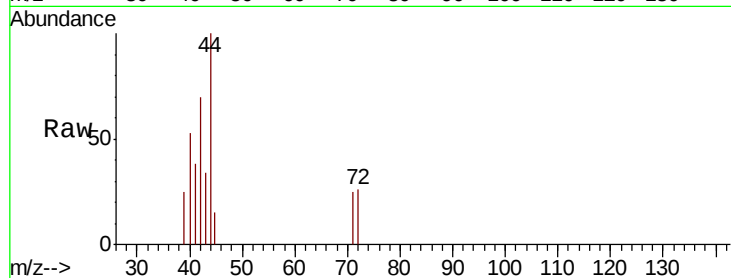
Tot Ion: 42 Resp: 2309

Ion Ratio Lower Upper

42 100

72 26.0 35.9 53.9#

71 14.9 33.7 50.5#



#31

Cyclohexane

Concen: 0.89 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

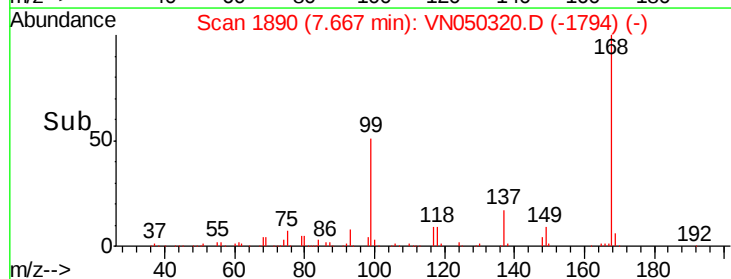
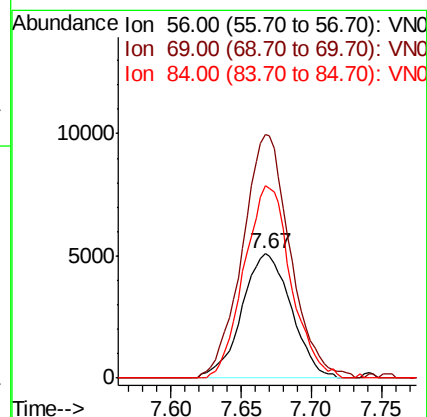
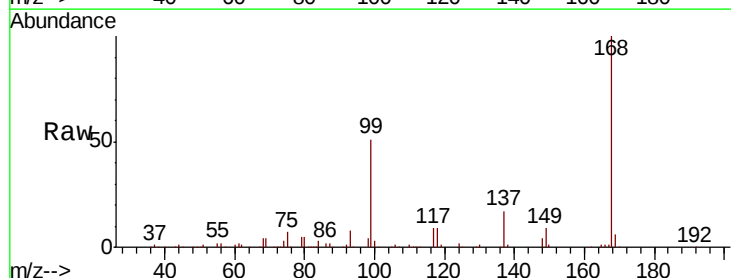
Tgt Ion: 56 Resp: 12440

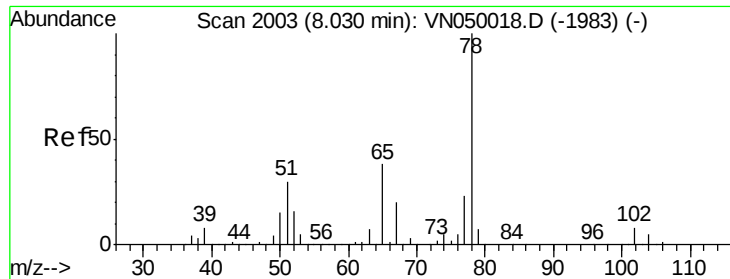
Ion Ratio Lower Upper

56 100

69 195.8 26.2 39.4#

84 154.7 67.4 101.0#

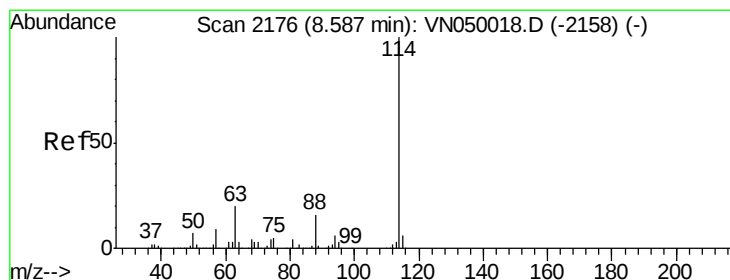
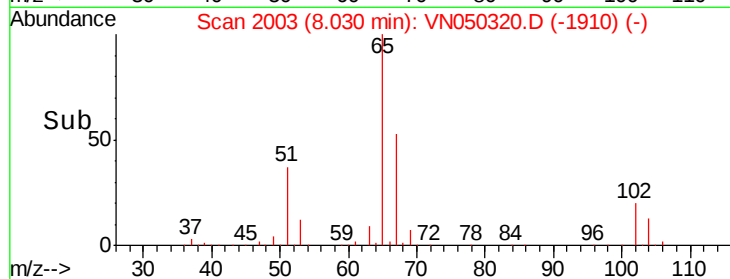
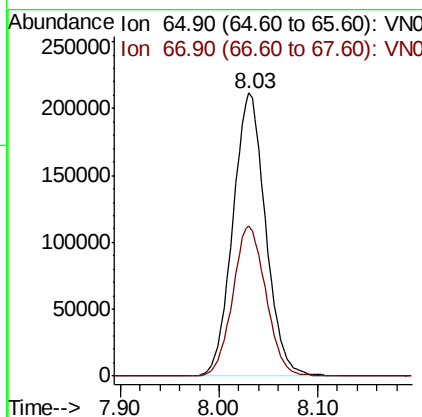
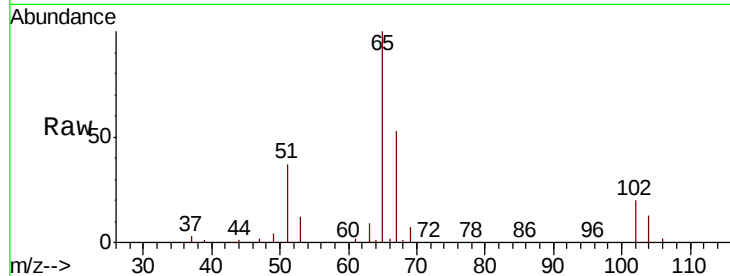




#33
 1,2-Dichloroethane-d4
 Concen: 51.42 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

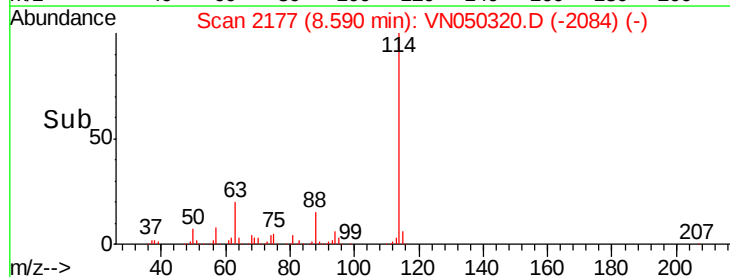
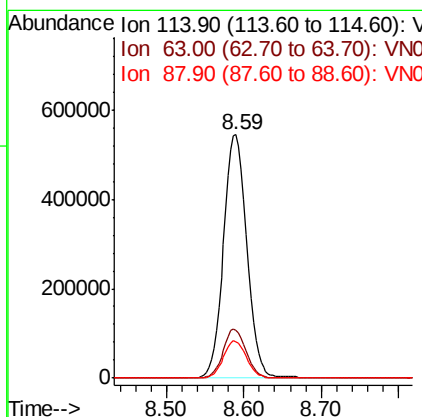
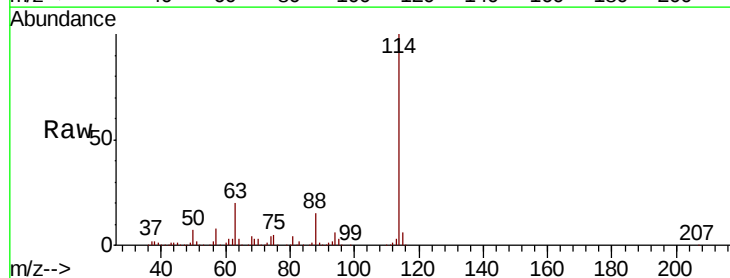
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#05

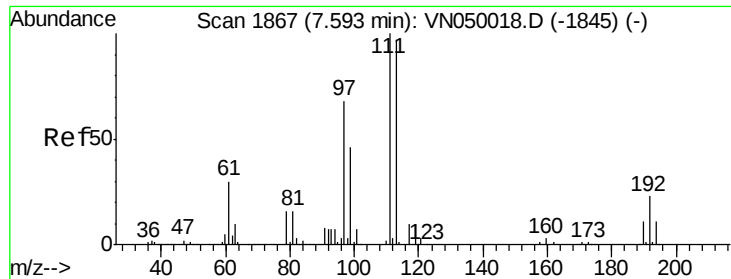
Tot Ion: 65 Resp: 487727
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

Tgt Ion: 114 Resp: 1141961
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.1 0.0 31.2

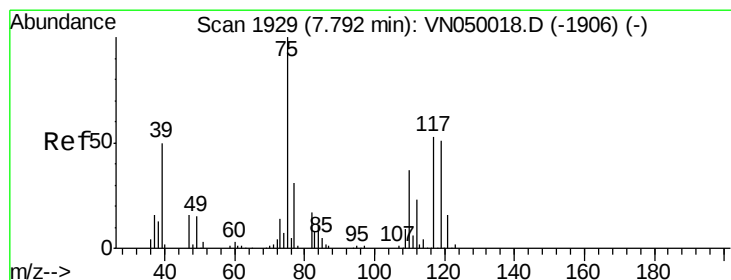
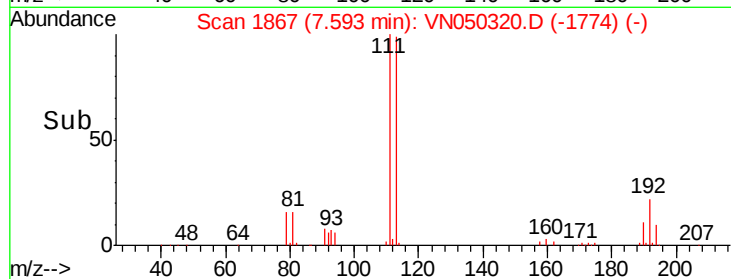
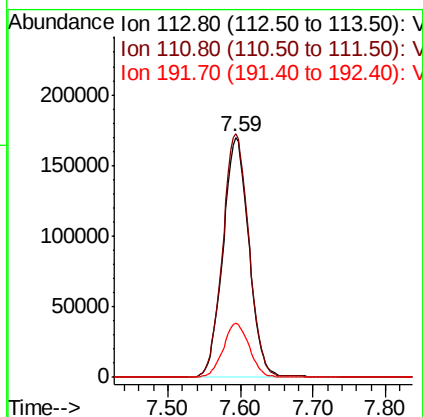
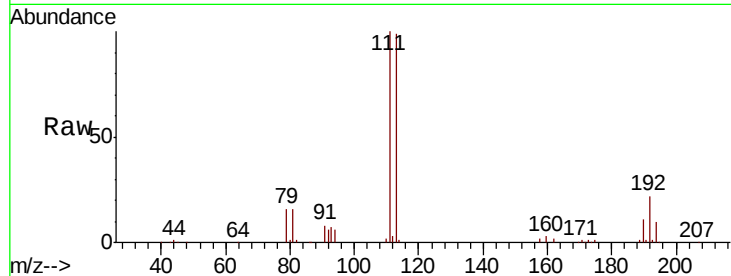




#35
 Dibromofluoromethane
 Concen: 45.36 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

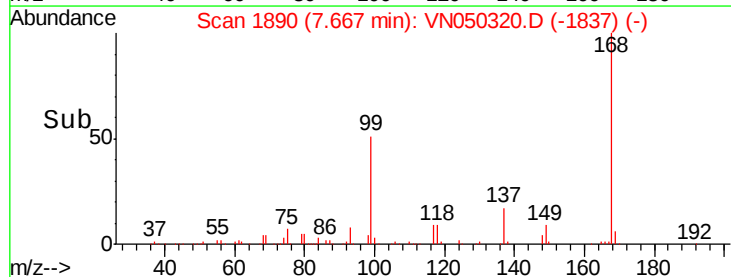
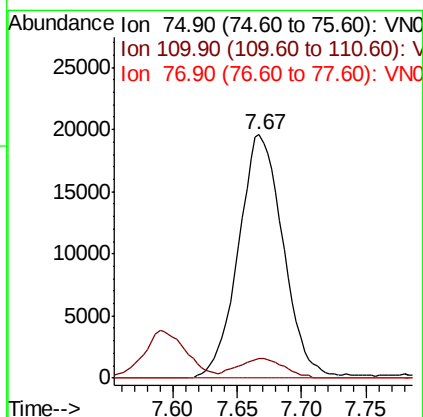
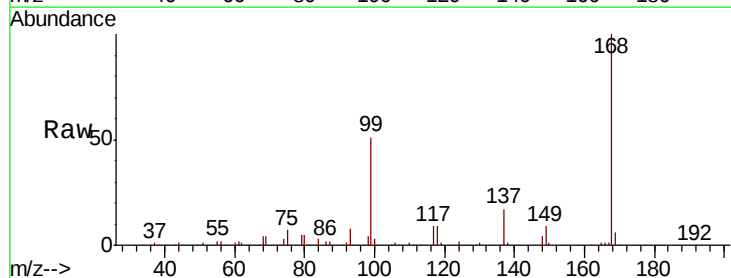
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#05

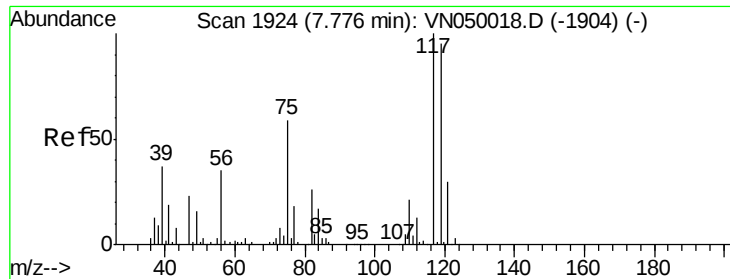
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.7	121.1
192	22.6	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 3.68 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.4	55.2#
77	0.0	25.3	37.9#

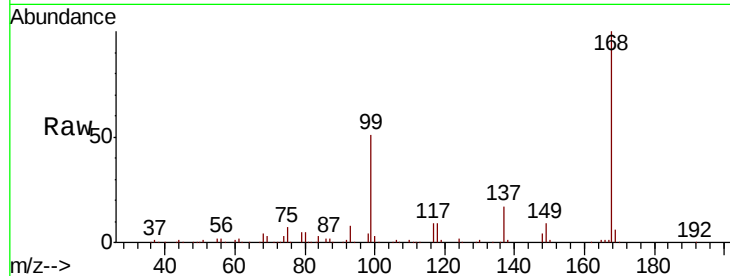




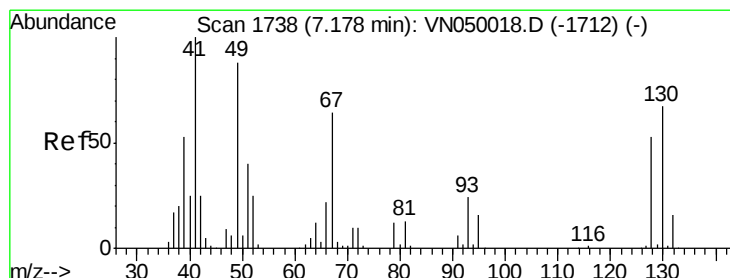
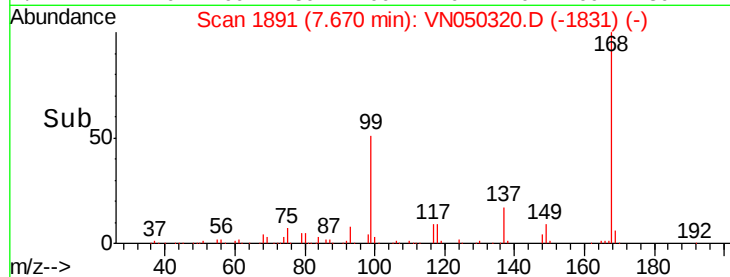
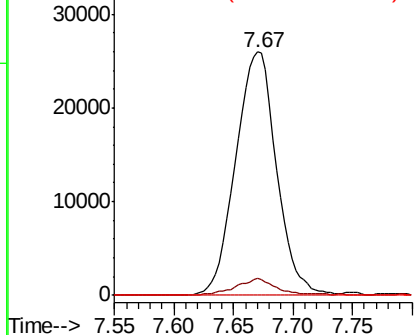
#38
Carbon Tetrachloride
Concen: 4.53 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050320.D
Acq: 3 Aug 2018 18:17

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#05

Tot Ion:117 Resp: 61844
Ion Ratio Lower Upper
117 100
119 6.9 77.4 116.0#
121 0.0 23.9 35.9#

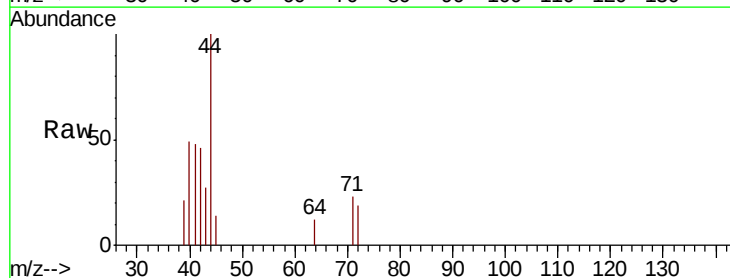


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

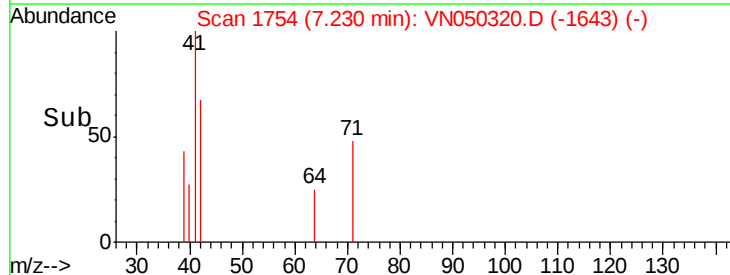
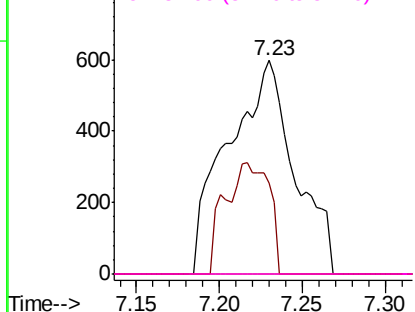


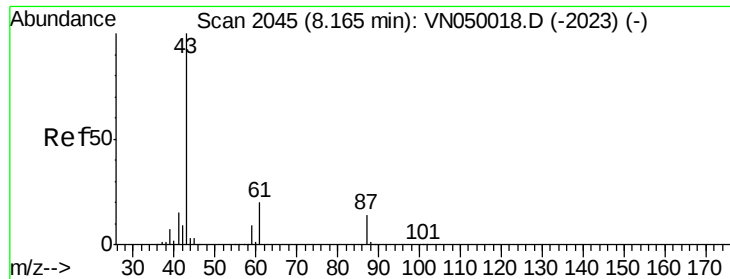
#41
Methacrylonitrile
Concen: 3.09 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.06 min
Lab File: VN050320.D
Acq: 3 Aug 2018 18:17

Tgt Ion: 41 Resp: 1678
Ion Ratio Lower Upper
41 100
39 34.3 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO



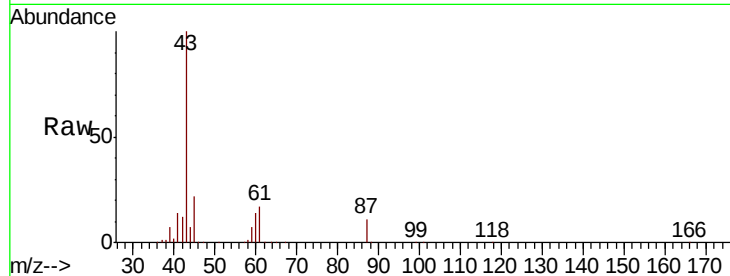


#43

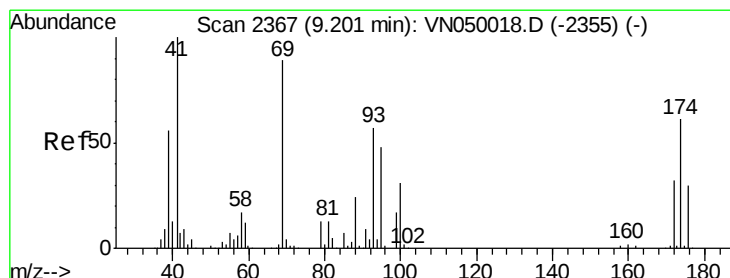
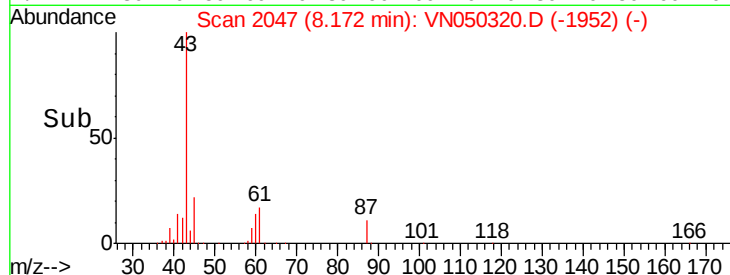
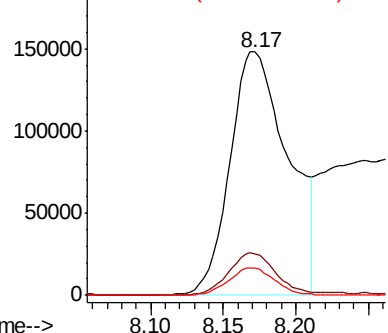
Isopropyl Acetate
 Concen: 23.88 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#05

Tot Ion: 43 Resp: 413777
 Ion Ratio Lower Upper
 43 100
 61 14.2 15.8 23.6#
 87 9.1 10.3 15.5#



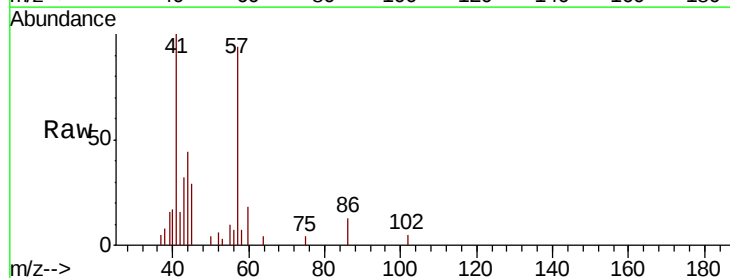
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



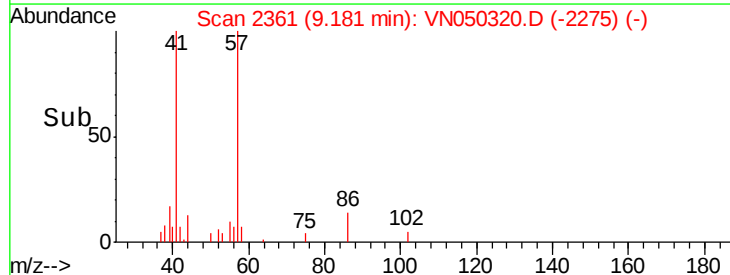
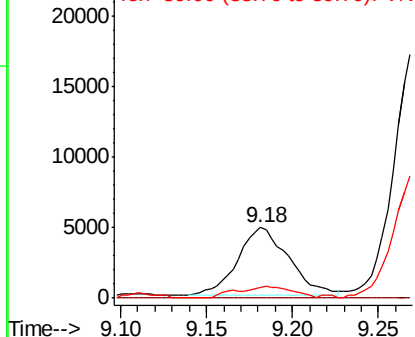
#48

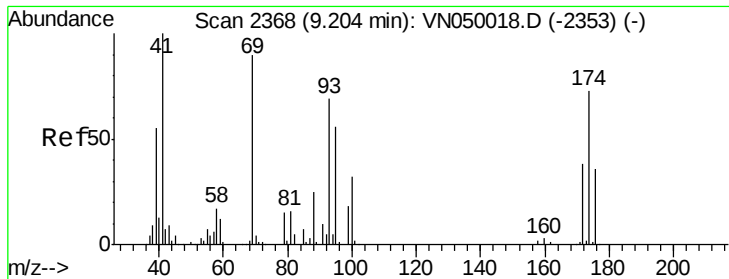
Methyl methacrylate
 Concen: 1.25 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

Tgt Ion: 41 Resp: 9645
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.6 105.8#
 39 13.9 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





#49

1,4-Dioxane

Concen: 2.81 ug/l

RT: 9.20 min Scan# 2366

Delta R.T. -0.01 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#05

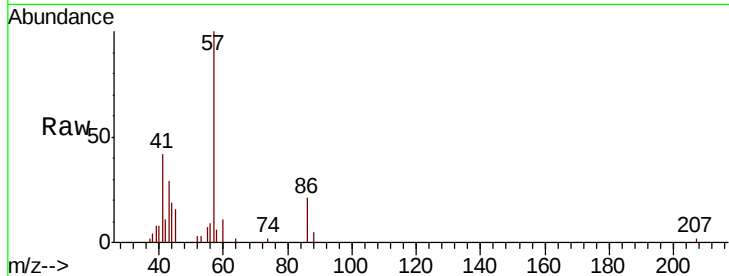
Tot Ion: 88 Resp: 295

Ion Ratio Lower Upper

88 100

43 0.0 26.9 40.3#

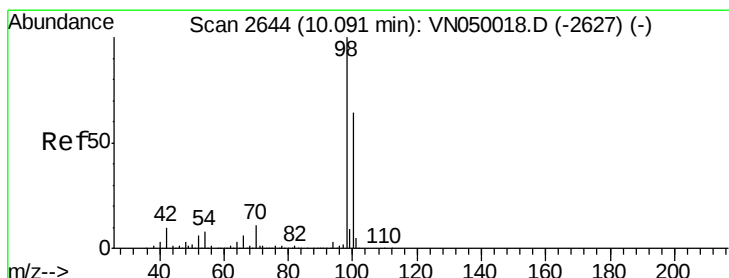
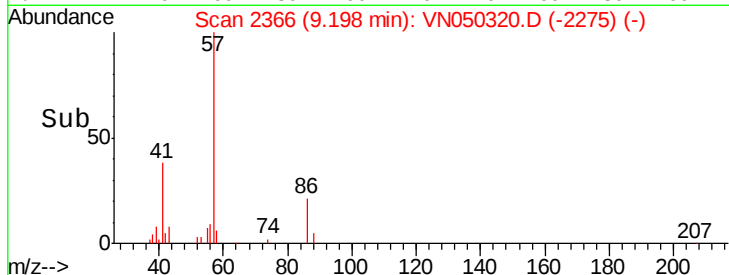
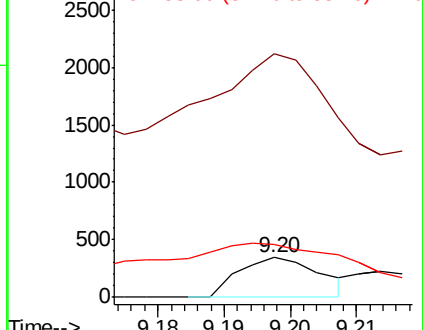
58 354.6 57.3 85.9#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 44.80 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050320.D

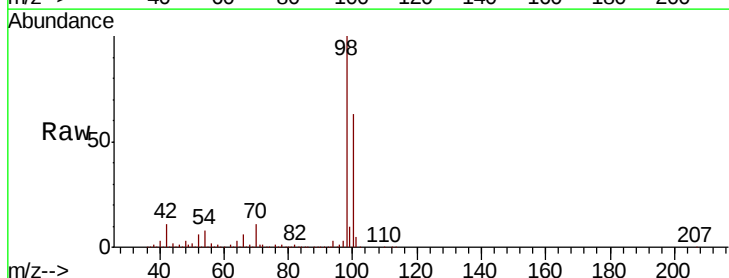
Acq: 3 Aug 2018 18:17

Tgt Ion: 98 Resp: 1535730

Ion Ratio Lower Upper

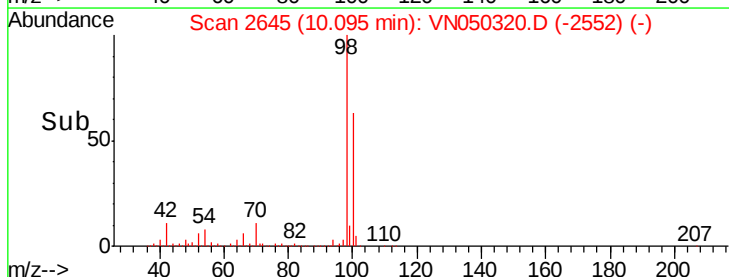
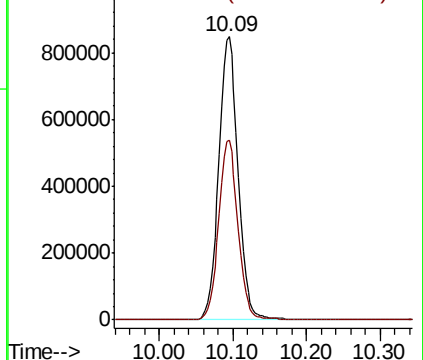
98 100

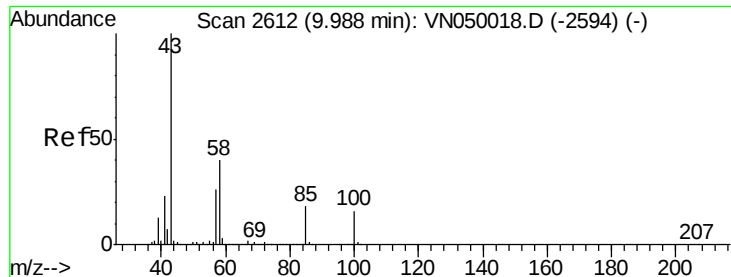
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

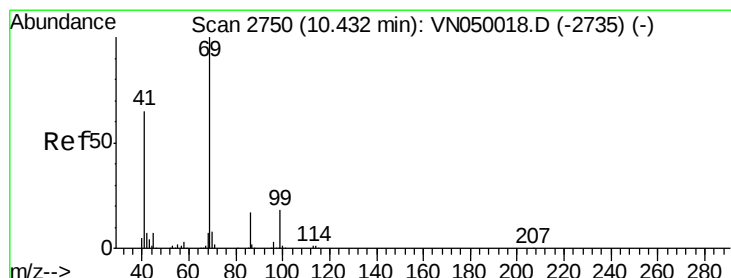
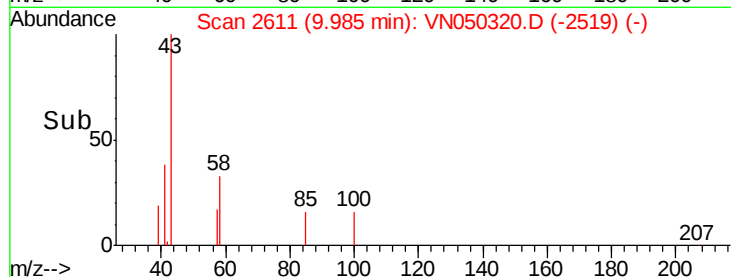
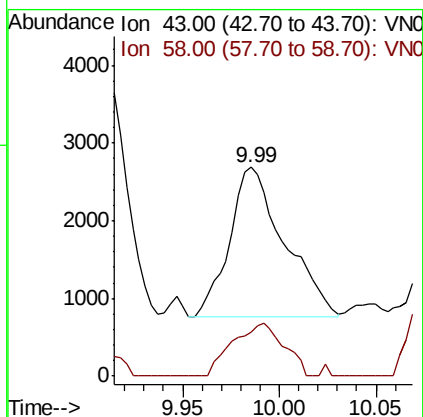
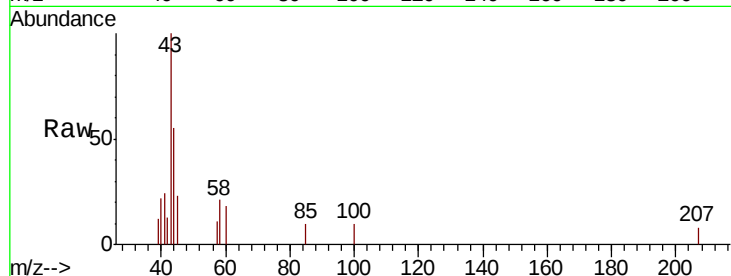




#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050320.D
Acq: 3 Aug 2018 18:17

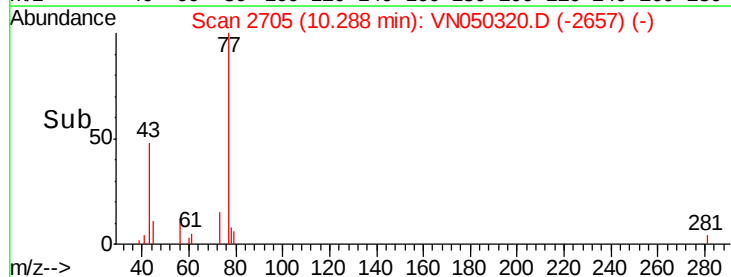
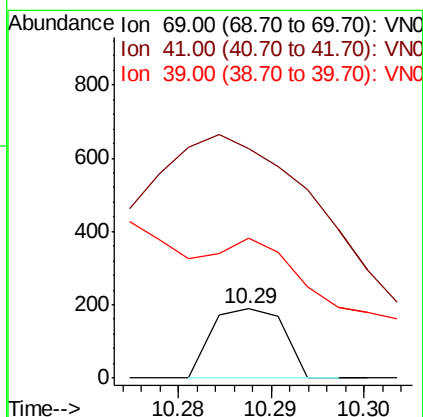
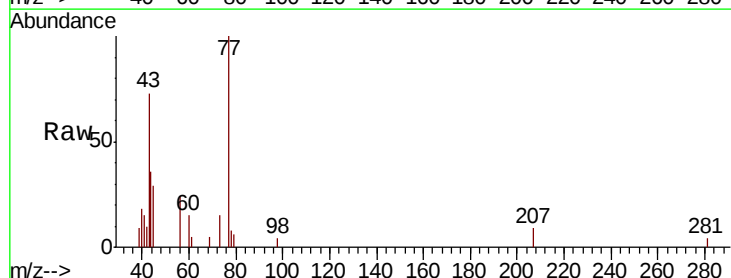
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#05

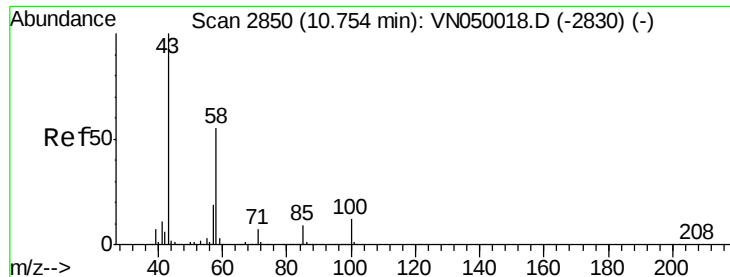
Tot Ion: 43 Resp: 3808
Ion Ratio Lower Upper
43 100
58 33.1 31.9 47.9



#56
Ethyl methacrylate
Concen: 2.04 ug/l
RT: 10.29 min Scan# 2705
Delta R.T. -0.14 min
Lab File: VN050320.D
Acq: 3 Aug 2018 18:17

Tgt Ion: 69 Resp: 102
Ion Ratio Lower Upper
69 100
41 785.3 51.0 76.4#
39 0.0 26.6 40.0#





#59

2-Hexanone

Concen: 8.67 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

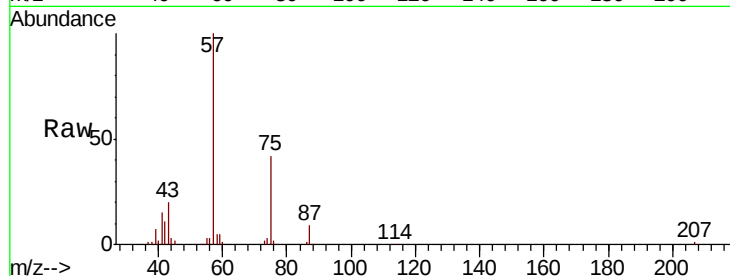
PB111719ZHE#05

Tot Ion: 43 Resp: 23142

Ion Ratio Lower Upper

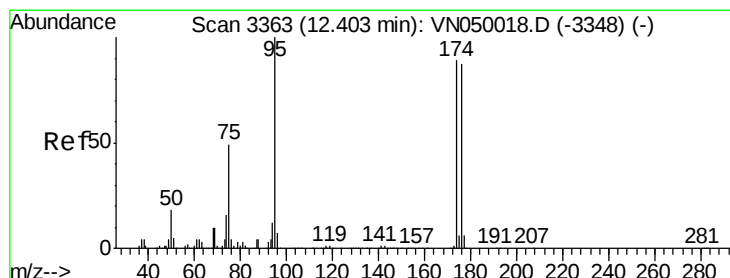
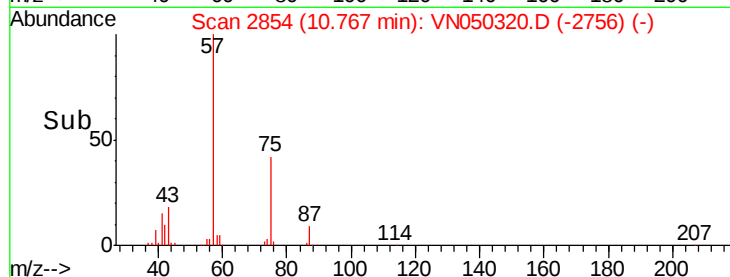
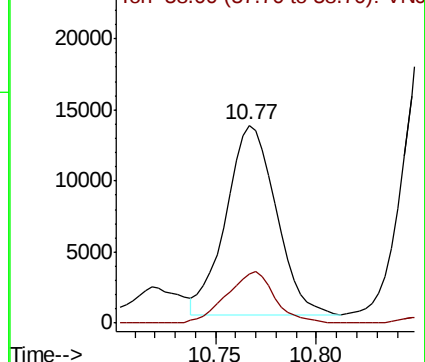
43 100

58 26.1 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: 39.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

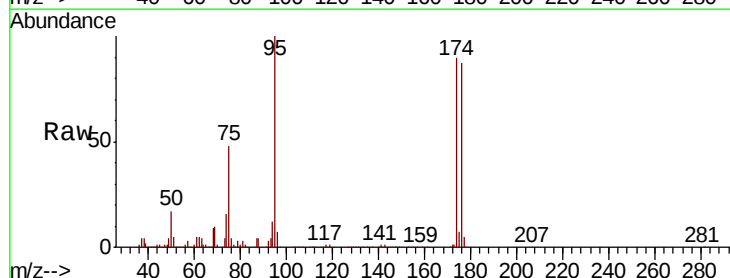
Tgt Ion: 95 Resp: 447140

Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.2

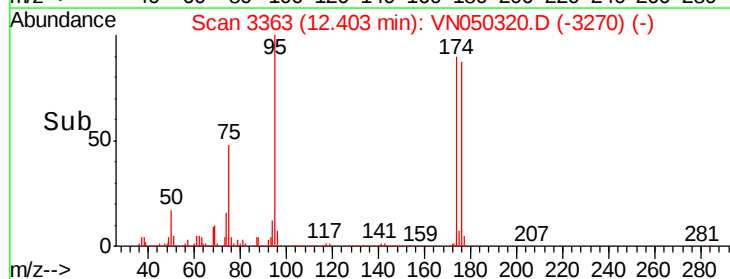
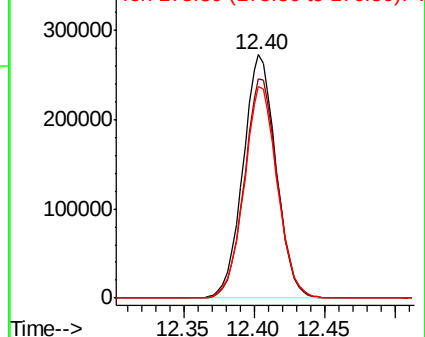
176 87.1 0.0 173.4

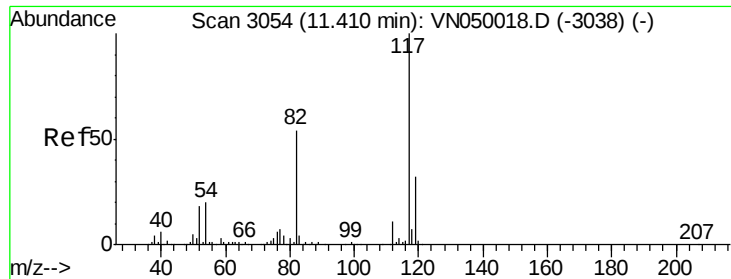


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

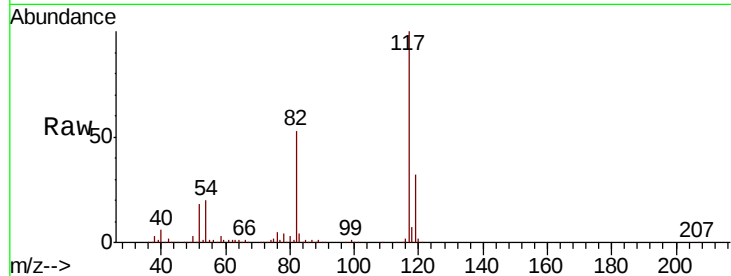




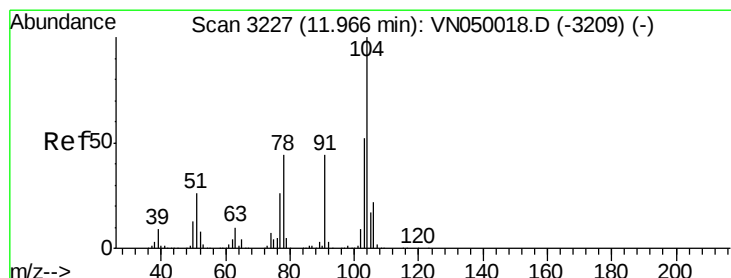
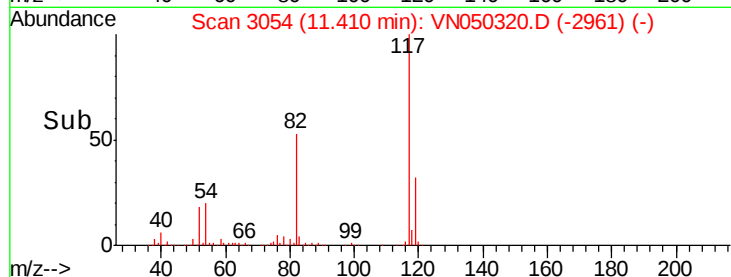
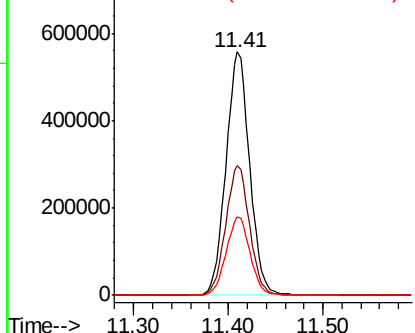
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050320.D
Acq: 3 Aug 2018 18:17

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#05

Tot Ion:117 Resp: 968846
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 32.2 26.1 39.1

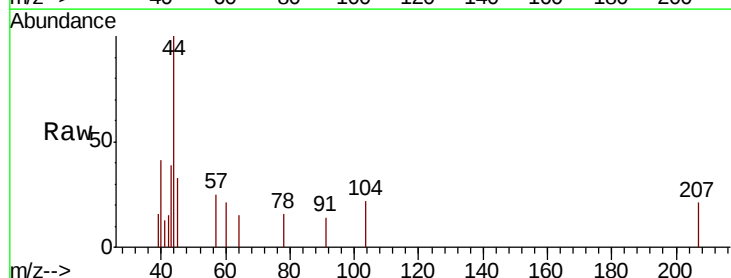


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

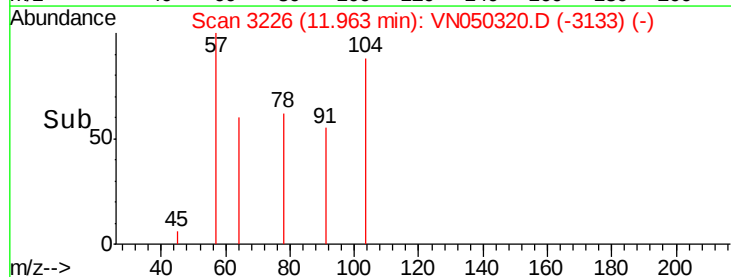
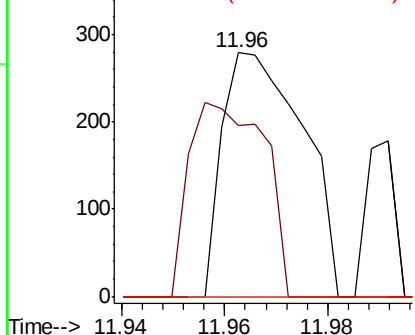


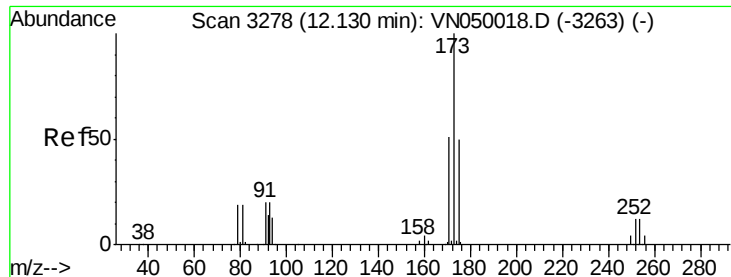
#70
Styrene
Concen: 0.93 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050320.D
Acq: 3 Aug 2018 18:17

Tgt Ion:104 Resp: 303
Ion Ratio Lower Upper
104 100
78 74.6 39.3 58.9#
103 0.0 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.62 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#05

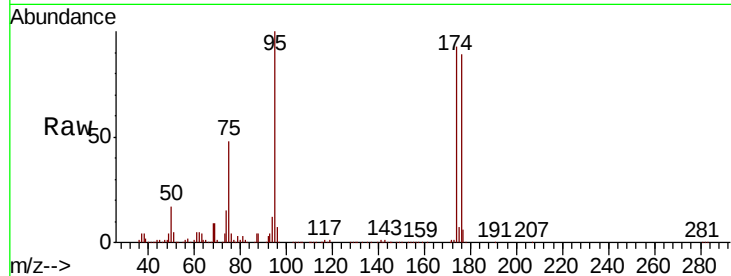
Tot Ion:173 Resp: 4275

Ion Ratio Lower Upper

173 100

175 621.4 24.1 72.2#

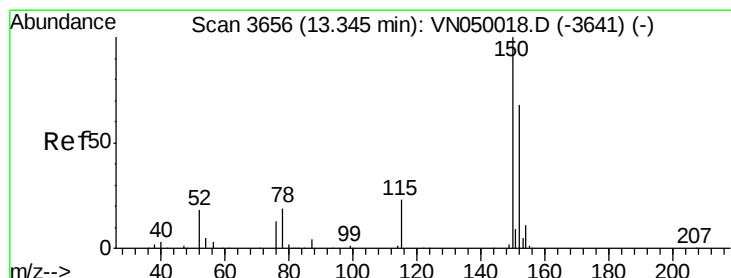
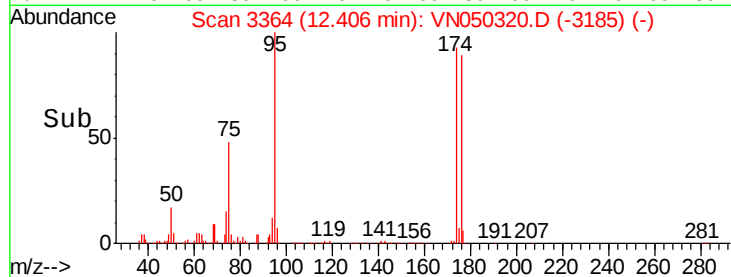
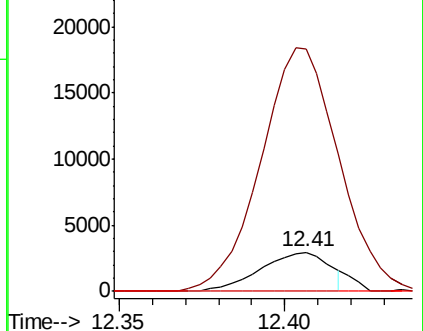
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

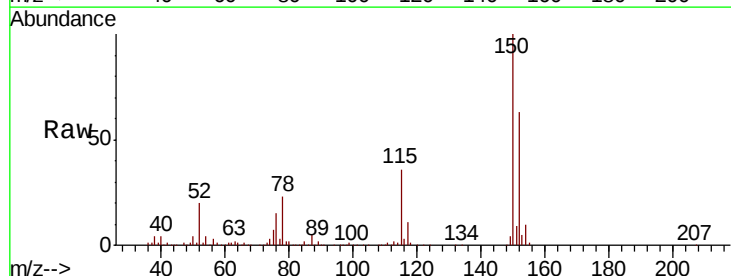
Tgt Ion:152 Resp: 404772

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.3

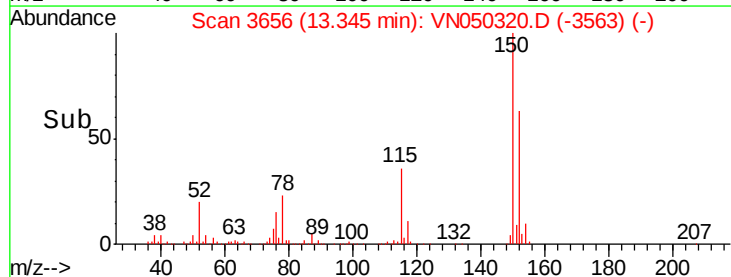
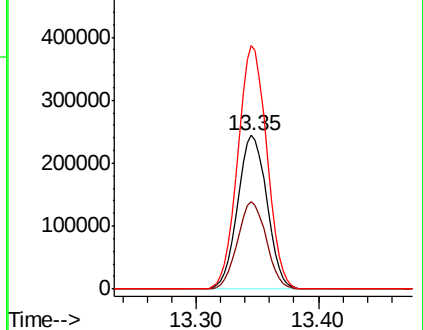
150 156.7 0.0 348.6

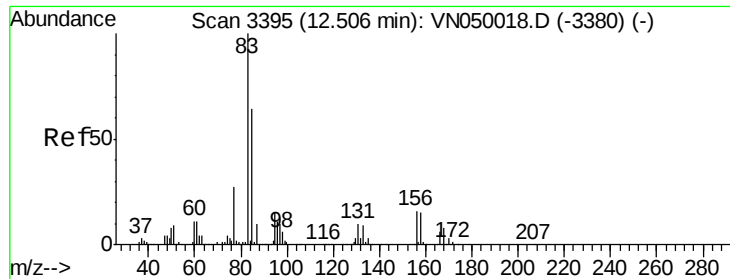


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3362

Delta R.T. -0.11 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#05

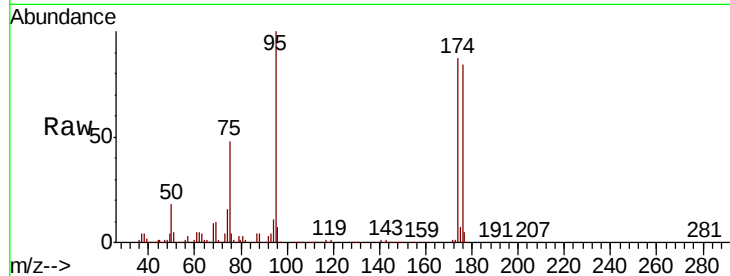
Tot Ion: 83 Resp: 208

Ion Ratio Lower Upper

83 100

131 322.1 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

600

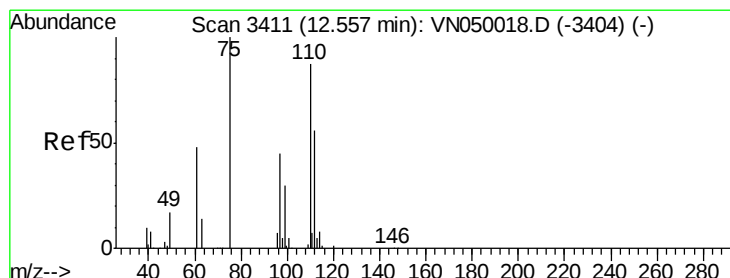
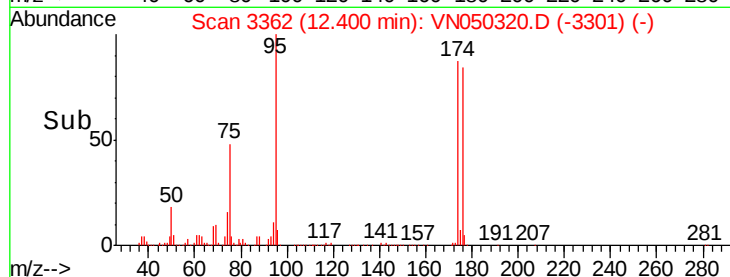
400

200

0

12.38 12.40 12.42

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050320.D

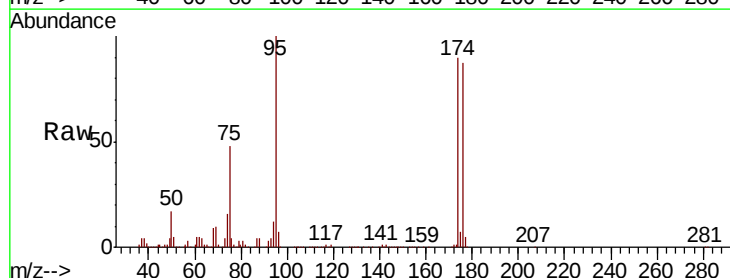
Acq: 3 Aug 2018 18:17

Tgt Ion: 75 Resp: 214821

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

150000

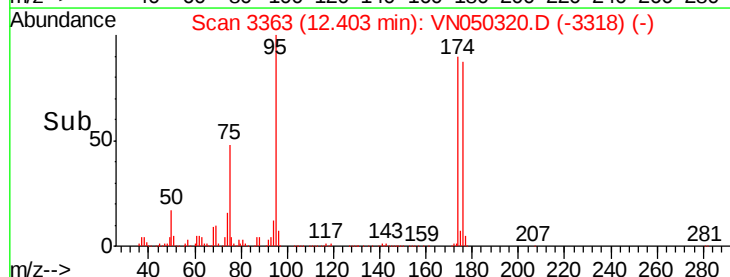
100000

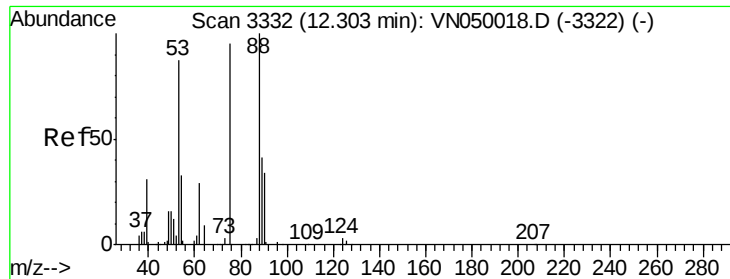
50000

0

12.35 12.40 12.45 12.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 90.58 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#05

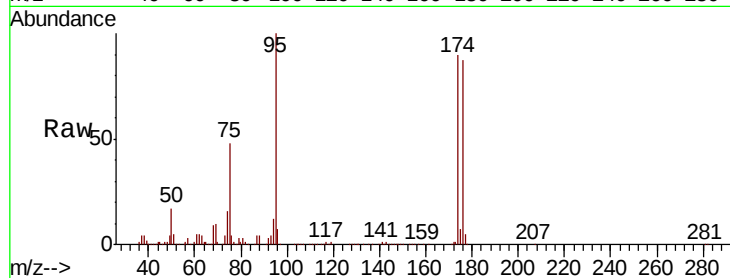
Tot Ion: 75 Resp: 214821

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

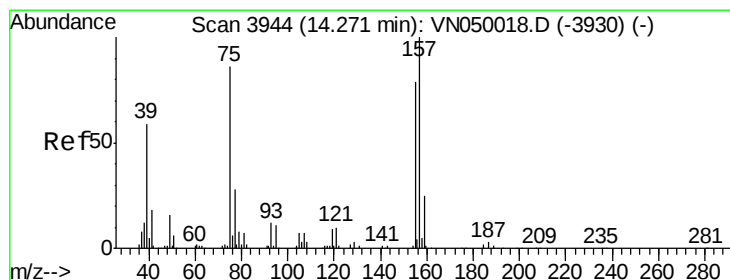
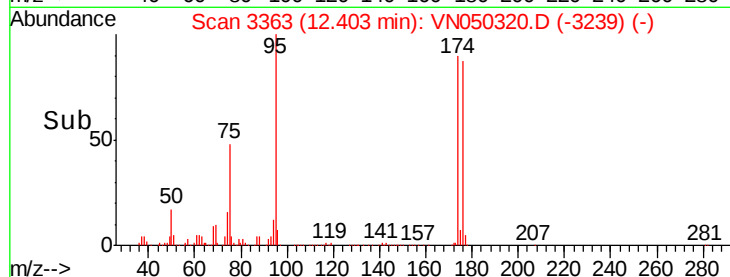
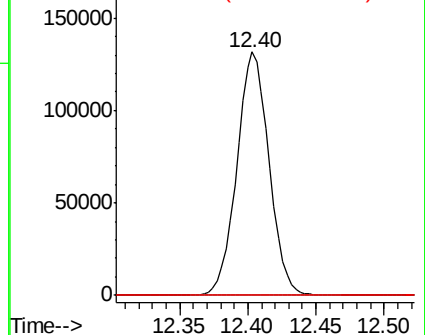
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3939

Delta R.T. -0.02 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

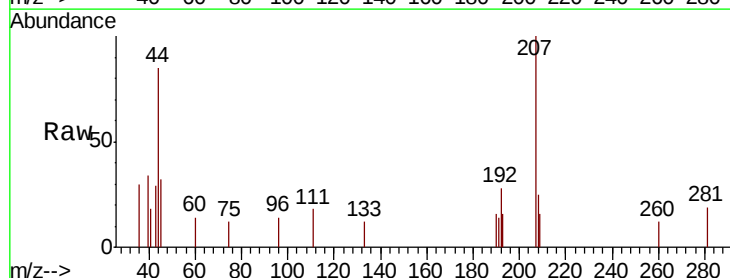
Tgt Ion: 75 Resp: 162

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

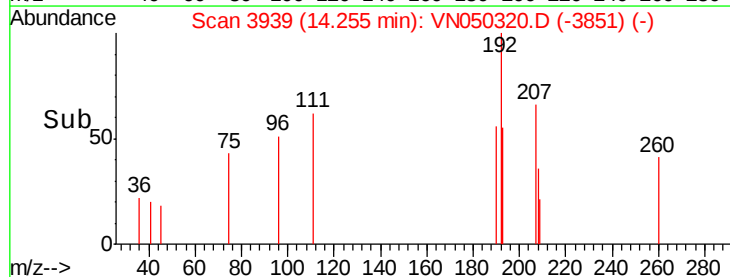
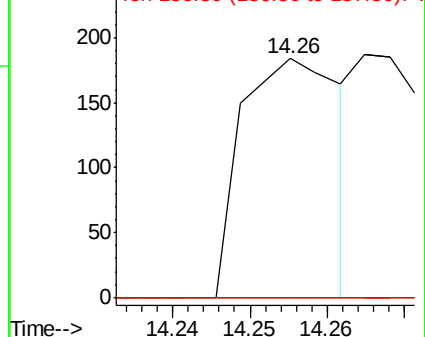
157 0.0 57.2 171.6#

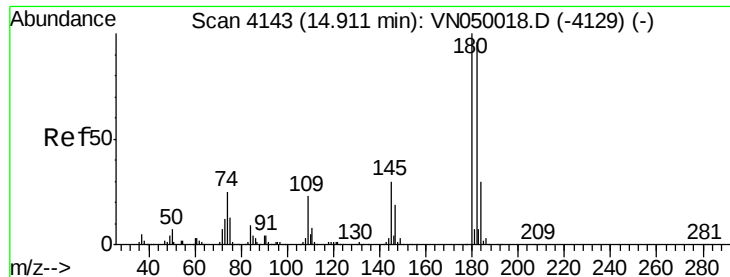


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

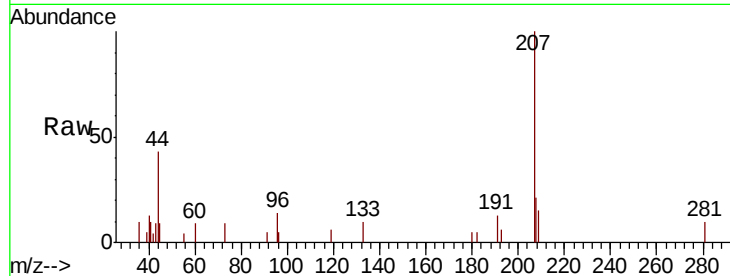




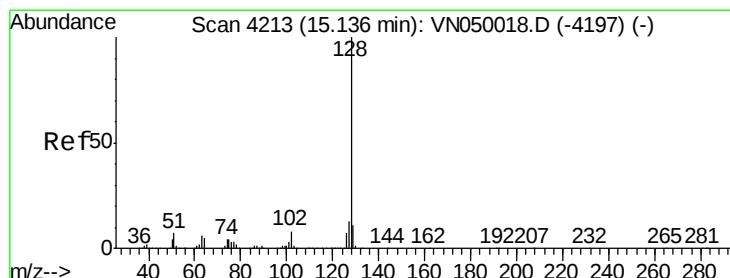
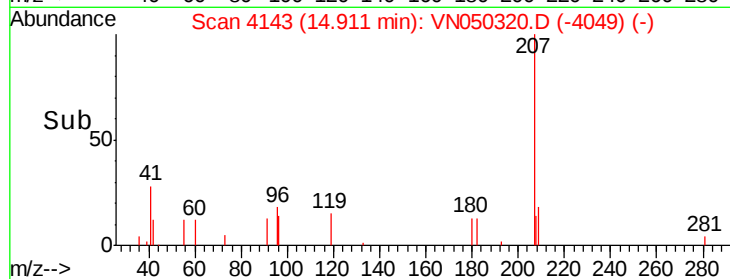
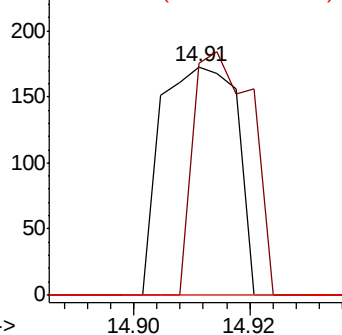
#93
 1,2,4-Trichlorobenzene
 Concen: 3.11 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#05

Tot Ion:180 Resp: 156
 Ion Ratio Lower Upper
 180 100
 182 82.7 46.7 140.1
 145 0.0 13.8 41.4#

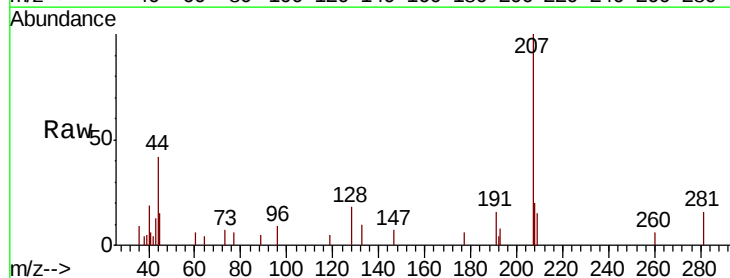


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

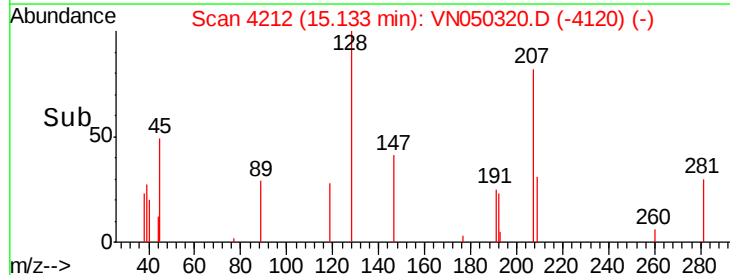
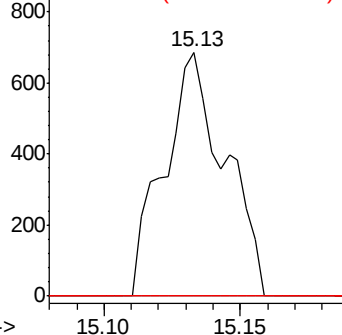


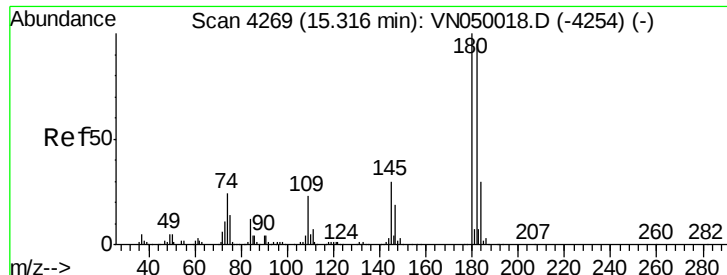
#95
 Naphthalene
 Concen: 4.47 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN050320.D
 Acq: 3 Aug 2018 18:17

Tgt Ion:128 Resp: 1063
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 0.0 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





#96

1,2,3-Trichlorobenzene

Concen: 2.23 ug/l

RT: 15.33 min Scan# 4272

Delta R.T. 0.01 min

Lab File: VN050320.D

Acq: 3 Aug 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#05

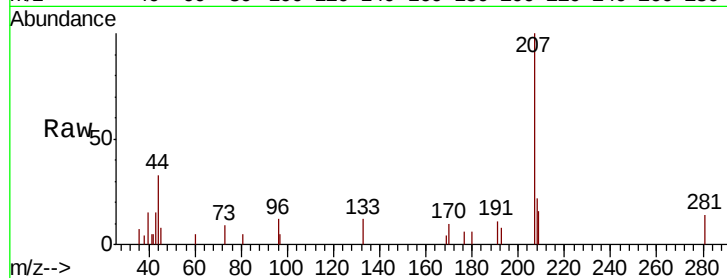
Tot Ion:180 Resp: 202

Ion Ratio Lower Upper

180 100

182 49.5 48.1 144.4

145 0.0 15.3 45.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

