

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050318.D
 Acq On : 3 Aug 2018 17:27
 Operator : MD\SY
 Sample : PB111719ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#03

Quant Time: Aug 03 23:28:27 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	646784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1077881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	939737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	405155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	467595	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.59	113	402536	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
50) Toluene-d8	10.09	98	1469888	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.40	95	435647	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	

Target Compounds

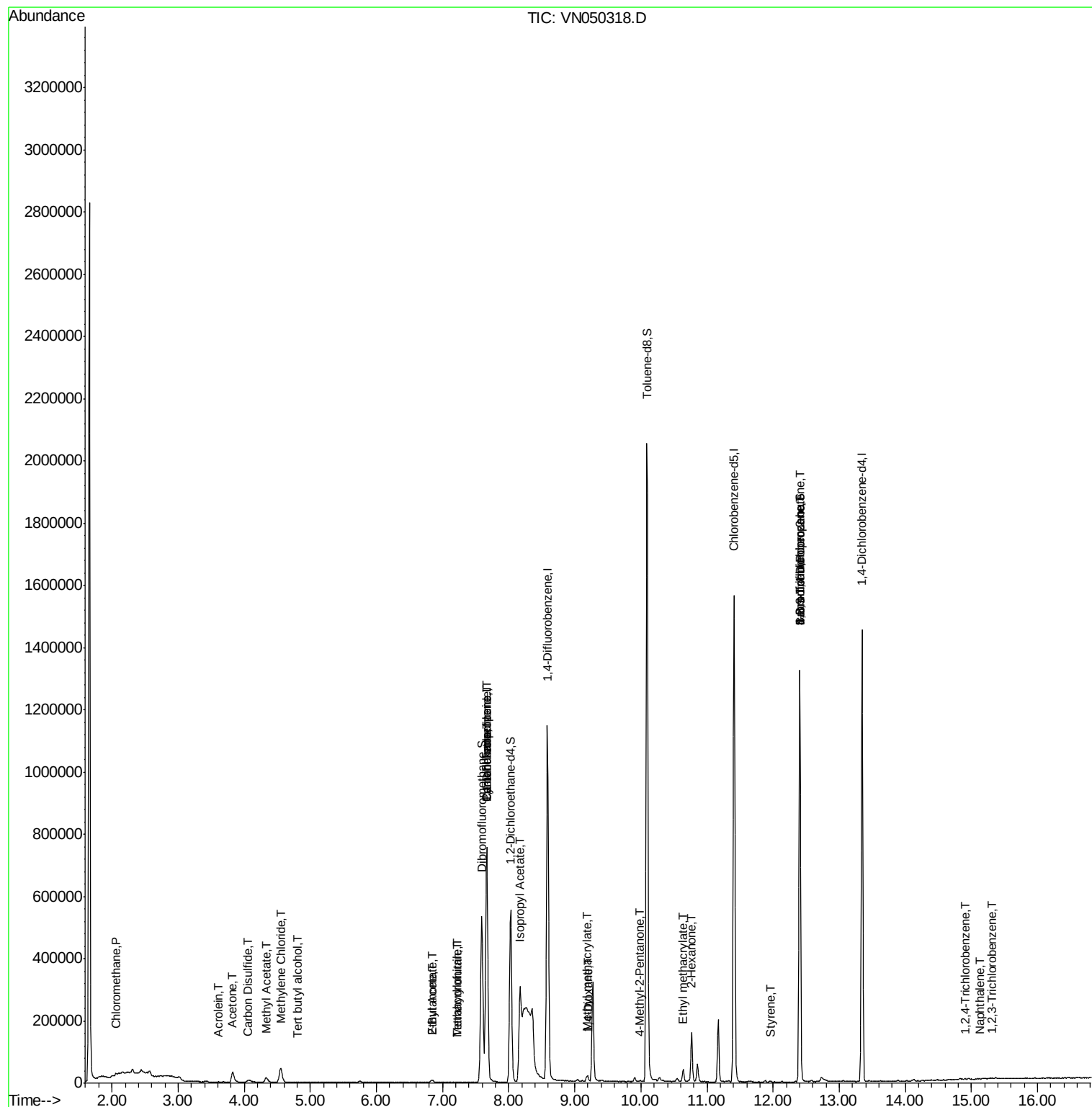
						Qvalue
3) Chloromethane	2.06	50	4516	0.45	ug/l	97
5) Bromomethane	2.56	94	5011	Below	Cal	95
11) Tert butyl alcohol	4.81	59	231	0.35	ug/l #	72
13) Acrolein	3.61	56	1167	2.19	ug/l	85
16) Acetone	3.82	43	58443	23.56	ug/l	97
17) Carbon Disulfide	4.05	76	5051	0.22	ug/l #	95
18) Methyl Acetate	4.33	43	27751	1.79	ug/l	97
20) Methylene Chloride	4.55	84	36107	3.34	ug/l	97
25) 2-Butanone	6.85	43	6530	1.90	ug/l #	88
29) Tetrahydrofuran	7.22	42	1310	0.59	ug/l #	84
31) Cyclohexane	7.67	56	12564	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46242	3.81	ug/l #	48
37) Ethyl Acetate	6.85	43	6530	0.77	ug/l #	69
38) Carbon Tetrachloride	7.67	117	59101	4.59	ug/l #	17
41) Methacrylonitrile	7.22	41	677	2.89	ug/l #	28
43) Isopropyl Acetate	8.17	43	374439	22.85	ug/l #	91
48) Methyl methacrylate	9.18	41	9965	1.37	ug/l #	23
49) 1,4-Dioxane	9.21	88	186	1.87	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	3324	0.40	ug/l	98
56) Ethyl methacrylate	10.64	69	677	2.09	ug/l #	1
59) 2-Hexanone	10.77	43	22572	8.79	ug/l #	60
70) Styrene	11.97	104	693	0.95	ug/l #	71
71) Bromoform	12.40	173	3780	0.57	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	165	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	214984	28.55	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	214984	90.56	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	469	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.91	180	423	3.14	ug/l #	48
95) Naphthalene	15.13	128	1666	4.50	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.32	180	495	2.27	ug/l #	59

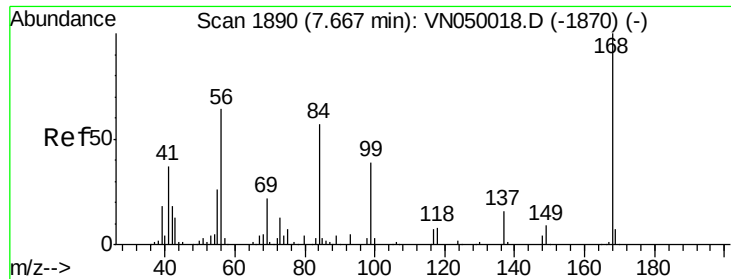
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

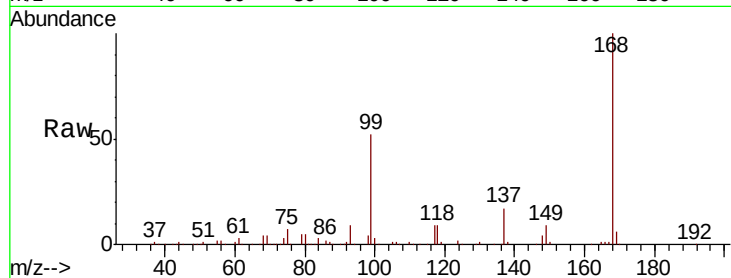
PB111719ZHE#03

Tot Ion:168 Resp: 646784

Ion Ratio Lower Upper

168 100

99 51.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

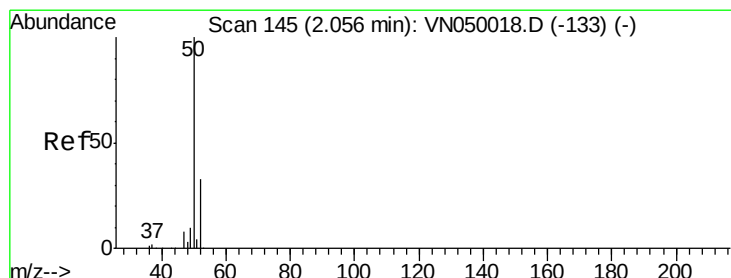
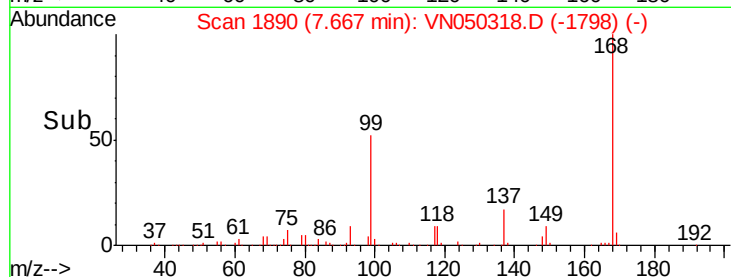
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.45 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050318.D

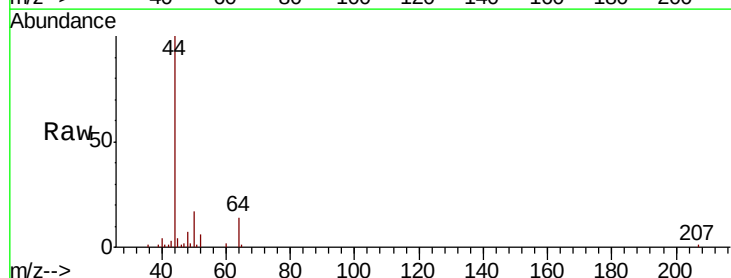
Acq: 3 Aug 2018 17:27

Tgt Ion: 50 Resp: 4516

Ion Ratio Lower Upper

50 100

52 34.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

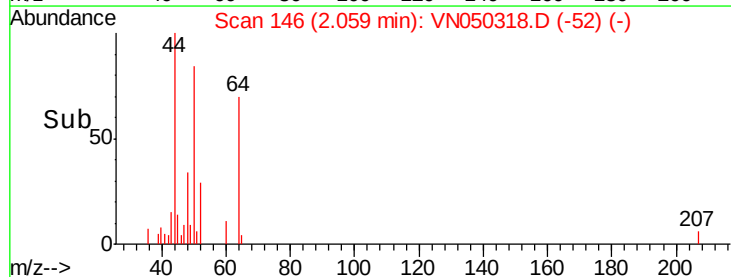
3000

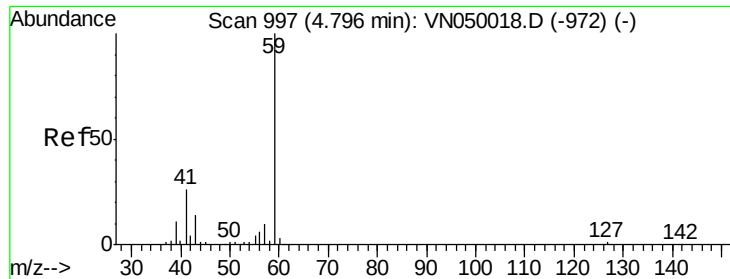
2000

1000

0

Time-->

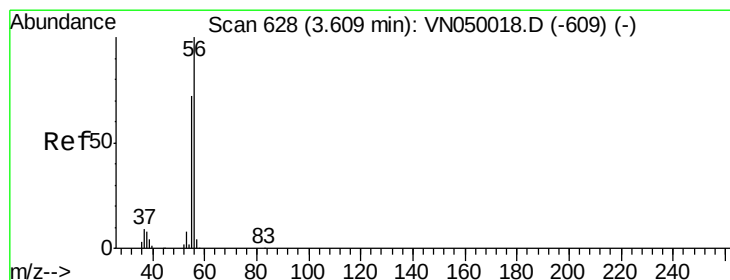
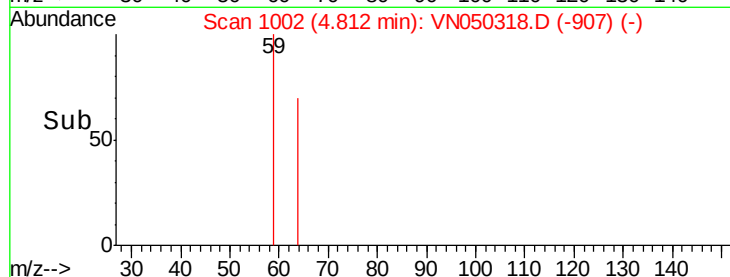
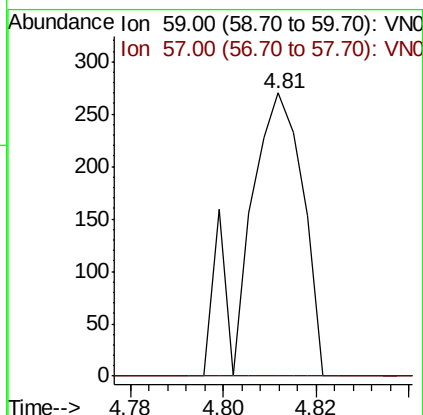
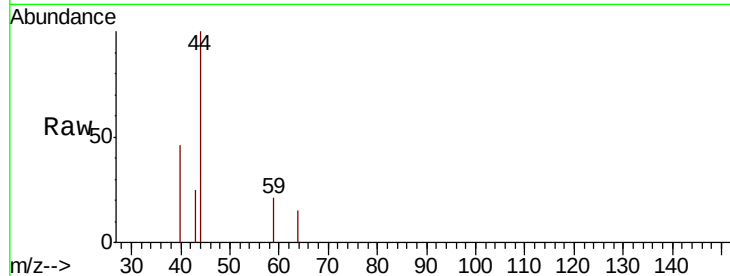




#11
Tert butyl alcohol
Concen: 0.35 ug/l
RT: 4.81 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN050318.D
Acq: 3 Aug 2018 17:27

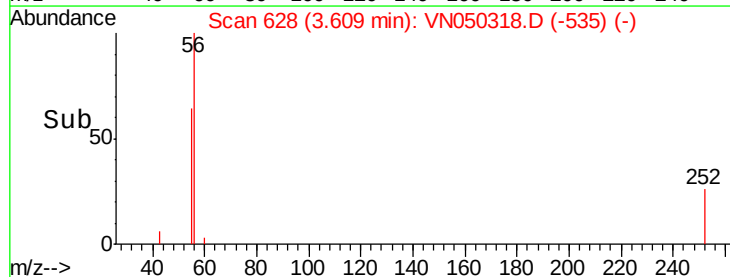
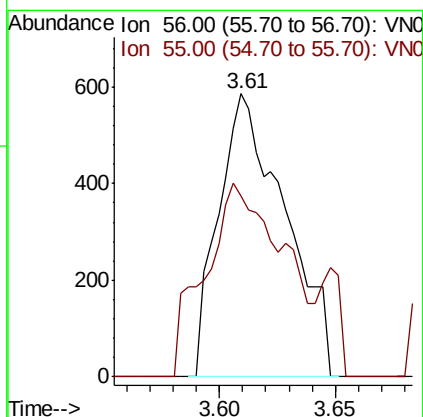
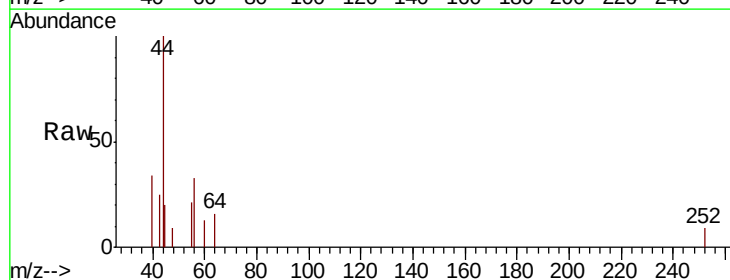
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#03

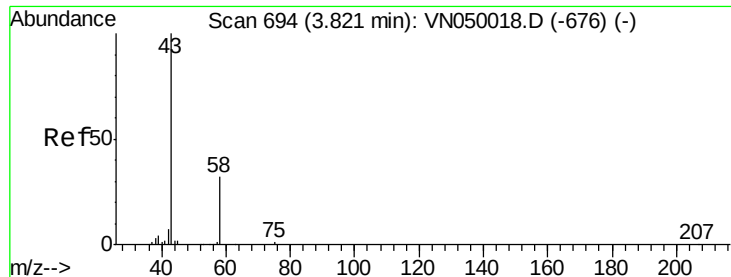
Tot Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 2.19 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN050318.D
Acq: 3 Aug 2018 17:27

Tgt Ion: 56 Resp: 1167
Ion Ratio Lower Upper
56 100
55 82.1 55.8 83.6





#16

Acetone

Concen: 23.56 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

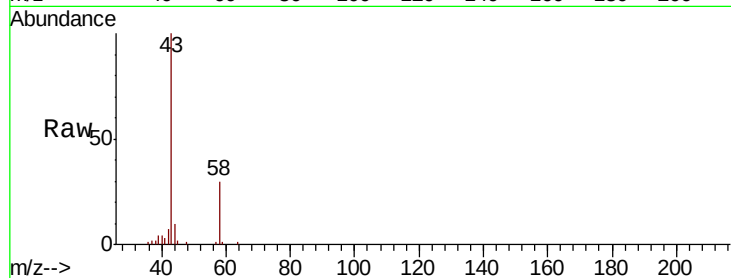
PB111719ZHE#03

Tot Ion: 43 Resp: 58443

Ion Ratio Lower Upper

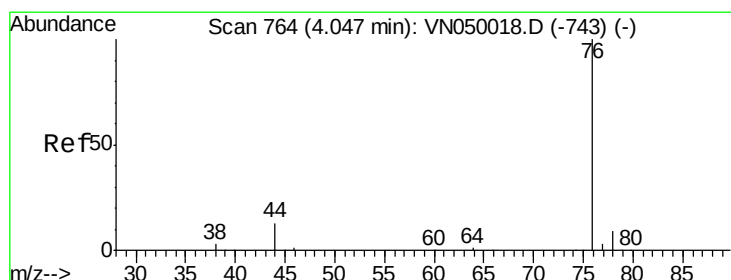
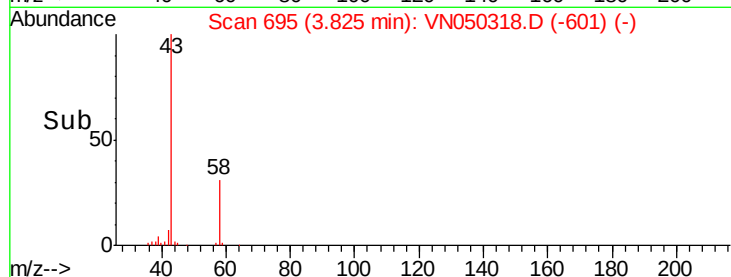
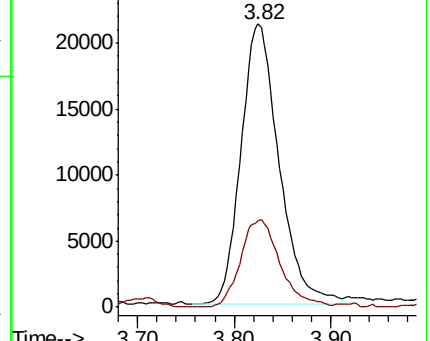
43 100

58 30.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.22 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050318.D

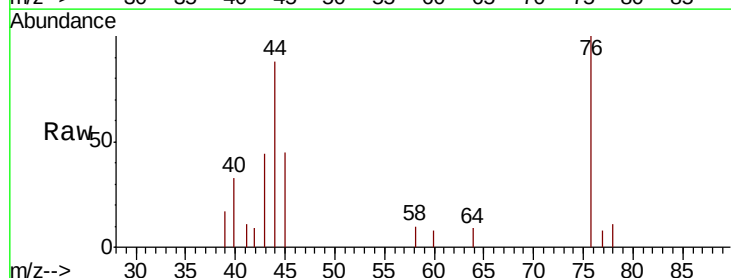
Acq: 3 Aug 2018 17:27

Tgt Ion: 76 Resp: 5051

Ion Ratio Lower Upper

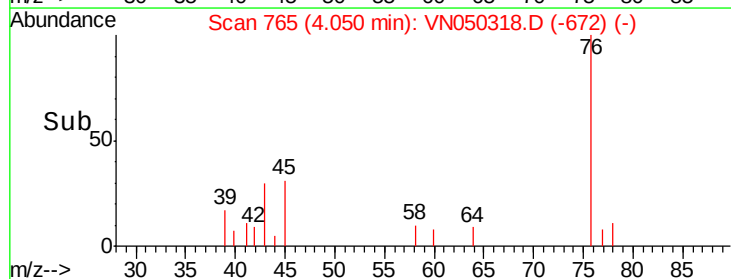
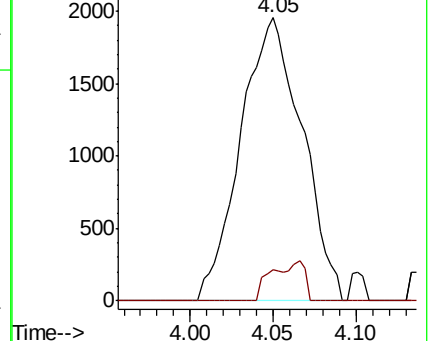
76 100

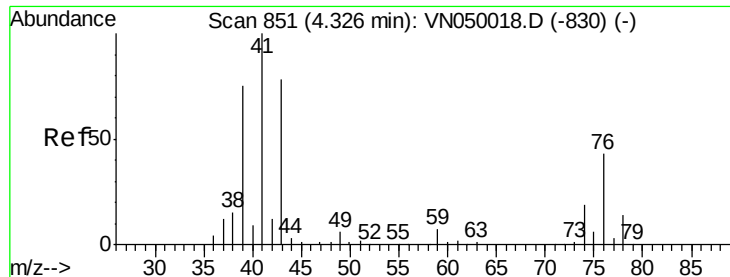
78 11.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

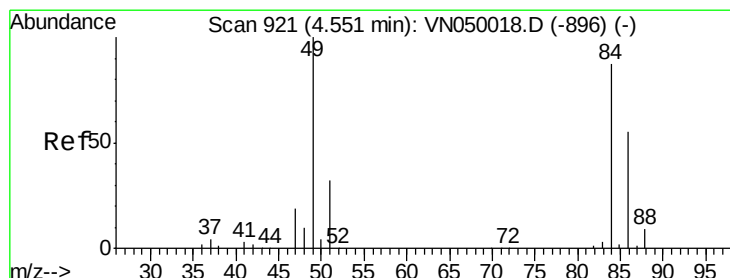
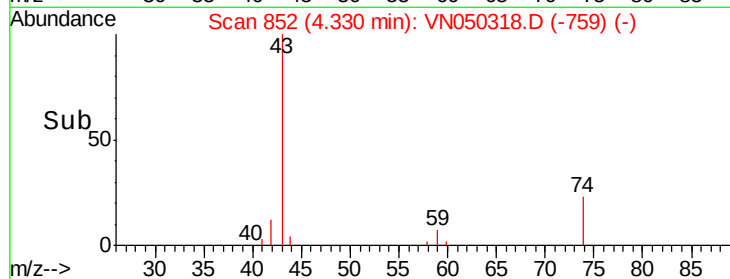
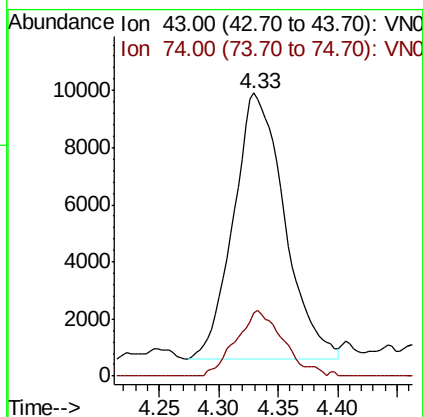
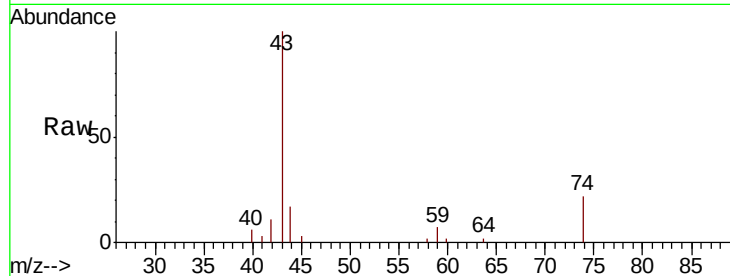




#18
Methyl Acetate
Concen: 1.79 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050318.D
Acq: 3 Aug 2018 17:27

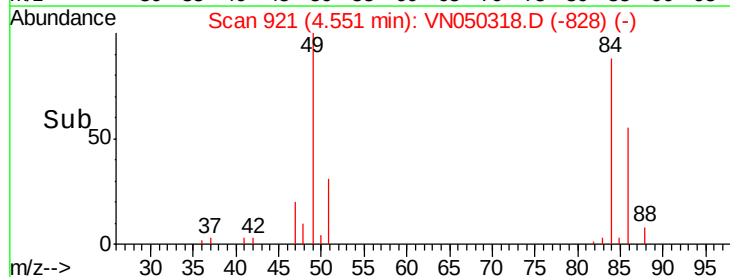
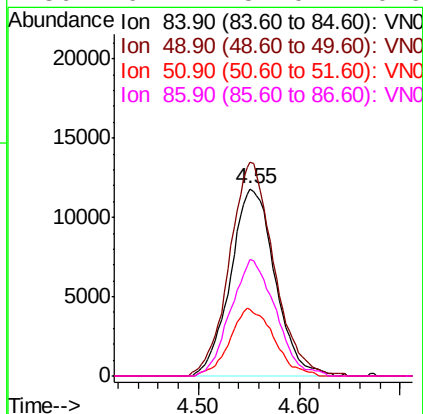
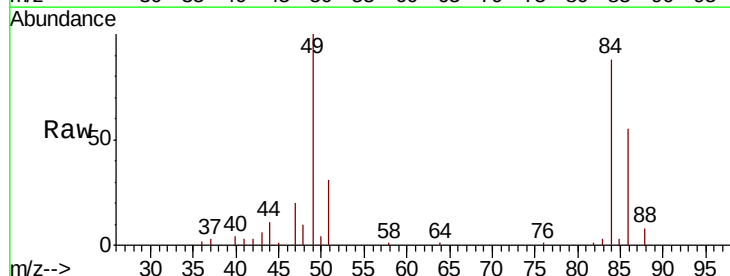
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#03

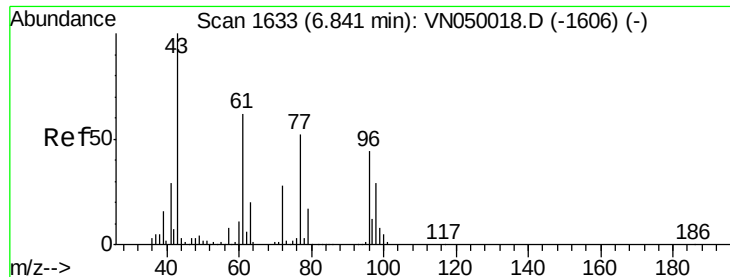
Tot Ion: 43 Resp: 27751
Ion Ratio Lower Upper
43 100
74 22.7 19.2 28.8



#20
Methylene Chloride
Concen: 3.34 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050318.D
Acq: 3 Aug 2018 17:27

Tgt Ion: 84 Resp: 36107
Ion Ratio Lower Upper
84 100
49 114.0 94.8 142.2
51 35.7 28.3 42.5
86 62.2 51.0 76.6





#25

2-Butanone

Concen: 1.90 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

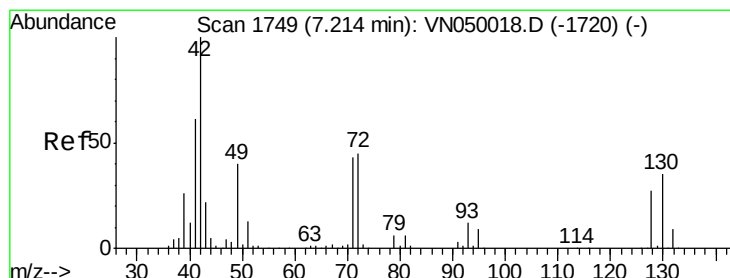
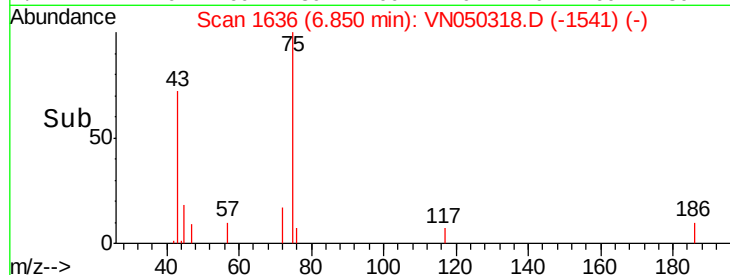
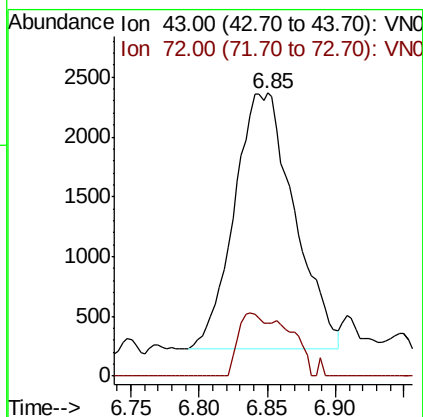
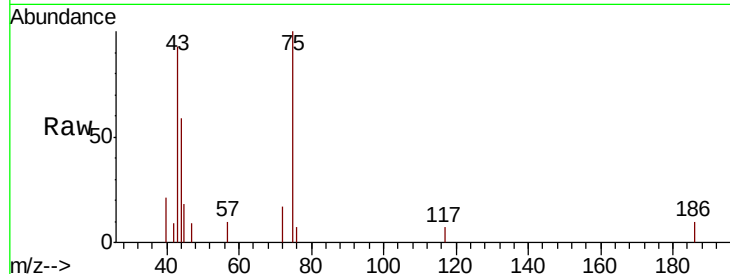
PB111719ZHE#03

Tot Ion: 43 Resp: 6530

Ion Ratio Lower Upper

43 100

72 20.8 21.5 32.3#



#29

Tetrahydrofuran

Concen: 0.59 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

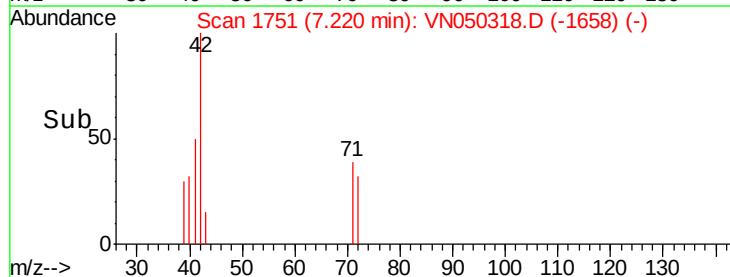
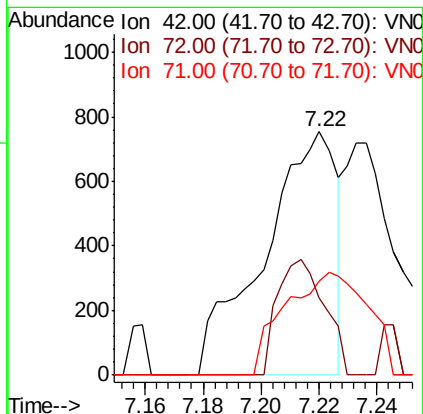
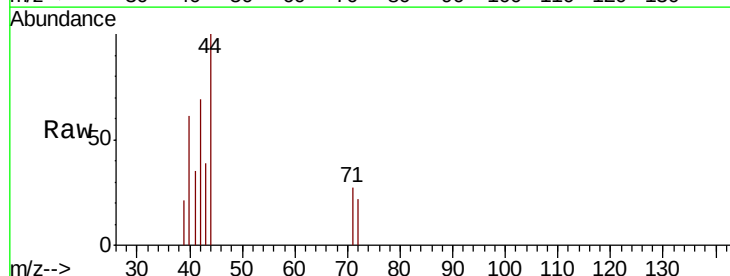
Tgt Ion: 42 Resp: 1310

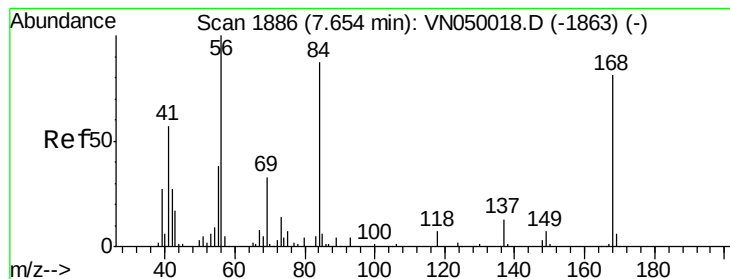
Ion Ratio Lower Upper

42 100

72 30.7 35.9 53.9#

71 48.2 33.7 50.5





#31

Cyclohexane

Concen: 0.94 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#03

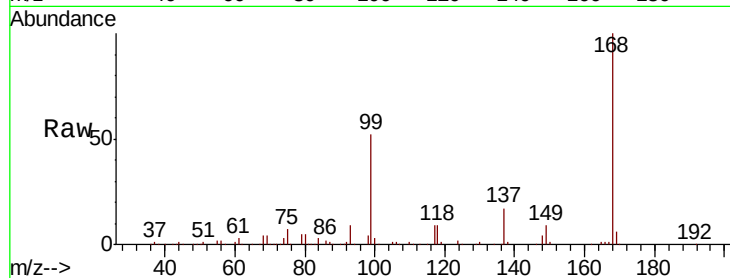
Tot Ion: 56 Resp: 12564

Ion Ratio Lower Upper

56 100

69 177.5 26.2 39.4#

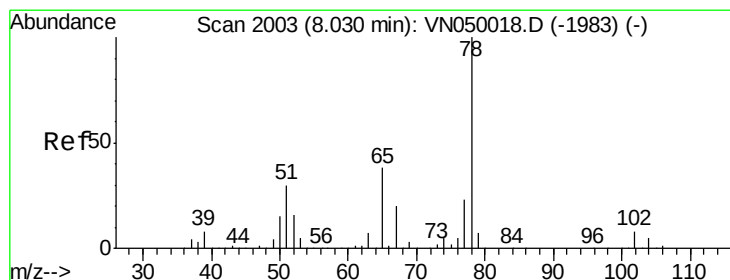
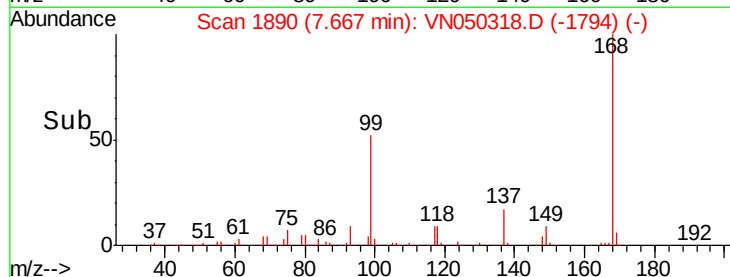
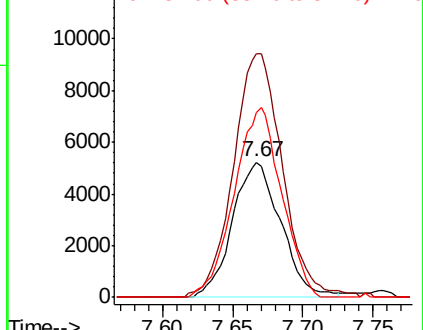
84 136.5 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.82 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050318.D

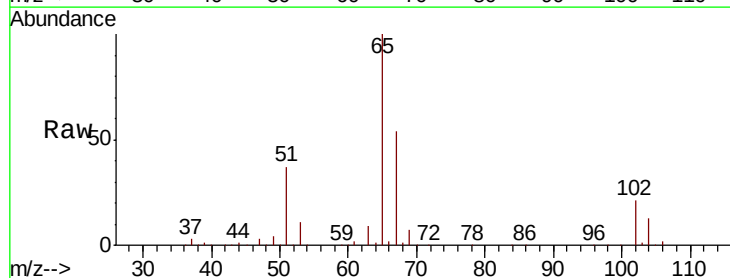
Acq: 3 Aug 2018 17:27

Tgt Ion: 65 Resp: 467595

Ion Ratio Lower Upper

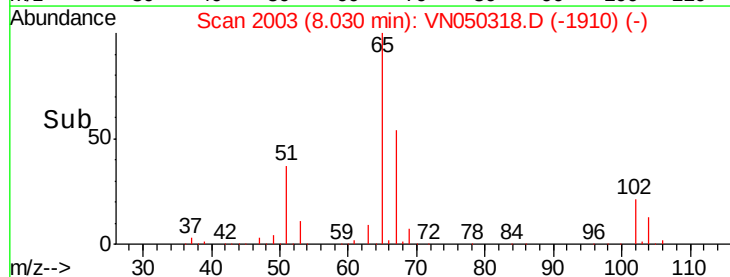
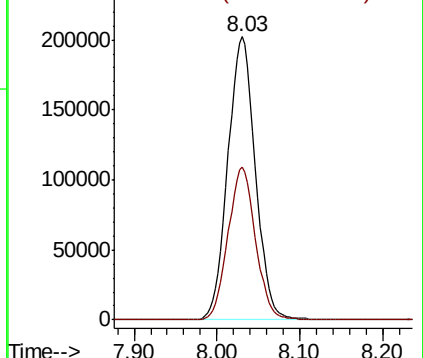
65 100

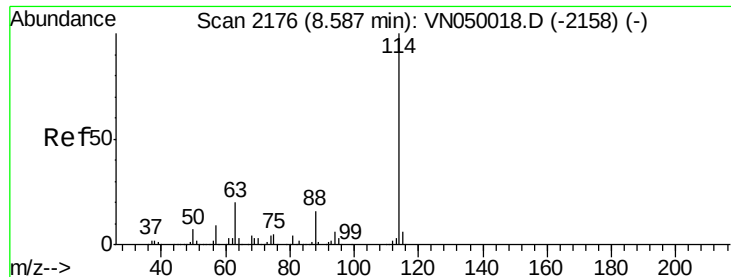
67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

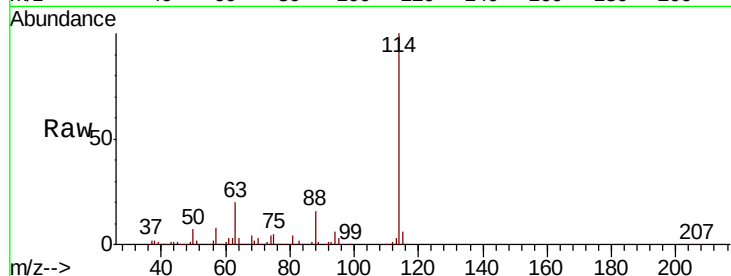




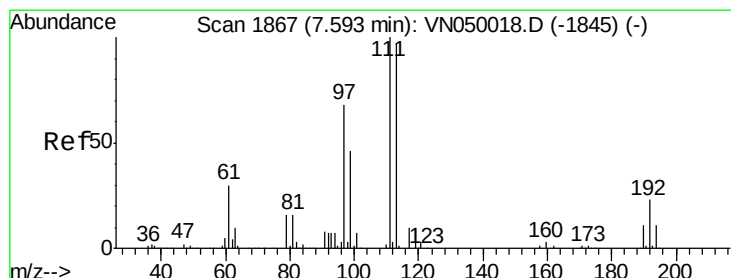
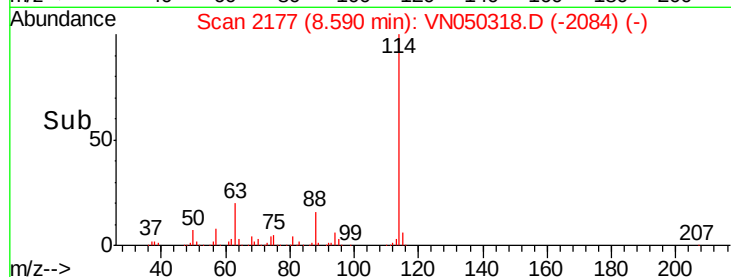
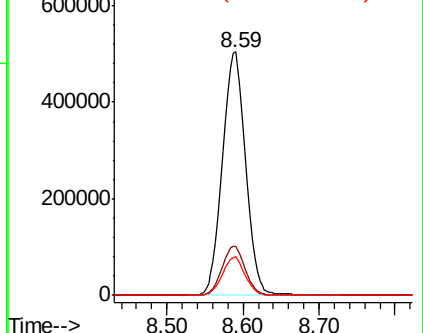
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050318.D
 Acq: 3 Aug 2018 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#03

Tot Ion:114 Resp: 1077881
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.7 0.0 31.2

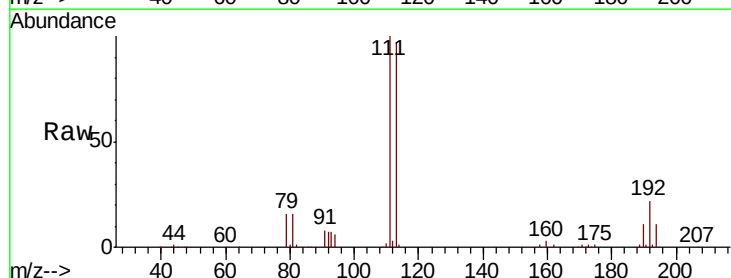


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

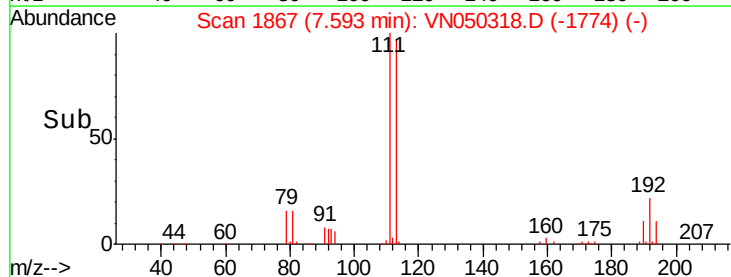
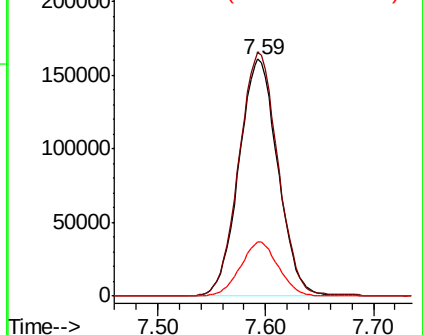


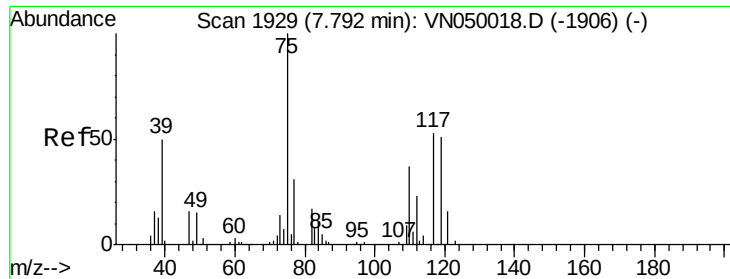
#35
 Dibromofluoromethane
 Concen: 45.74 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050318.D
 Acq: 3 Aug 2018 17:27

Tgt Ion:113 Resp: 402536
 Ion Ratio Lower Upper
 113 100
 111 103.4 80.7 121.1
 192 22.4 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: 3.81 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#03

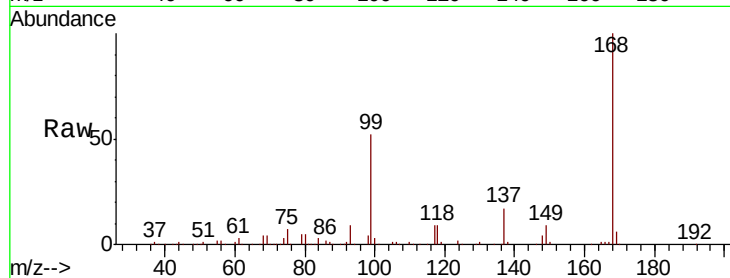
Tot Ion: 75 Resp: 46242

Ion Ratio Lower Upper

75 100

110 8.1 18.4 55.2#

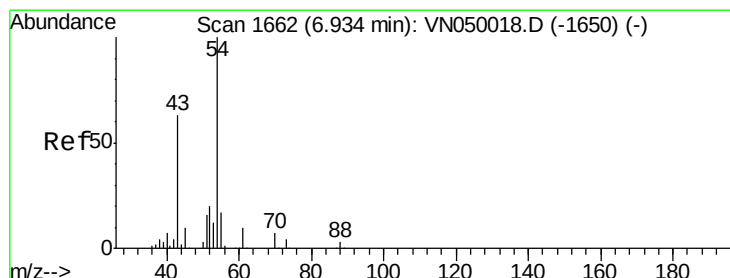
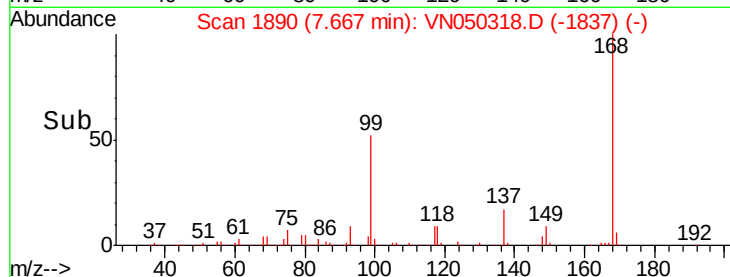
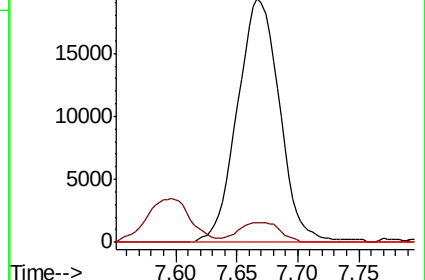
77 0.0 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.77 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. -0.09 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

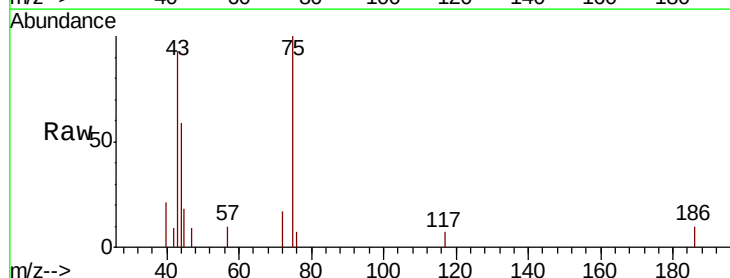
Tgt Ion: 43 Resp: 6530

Ion Ratio Lower Upper

43 100

61 1.0 11.8 17.8#

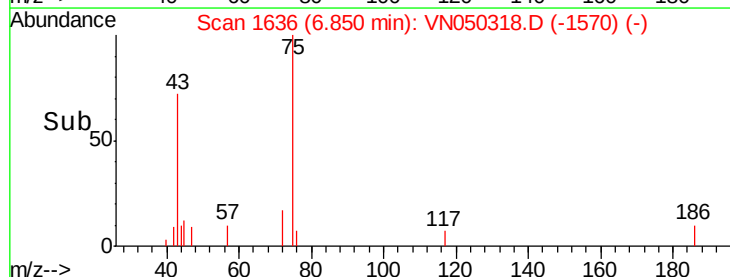
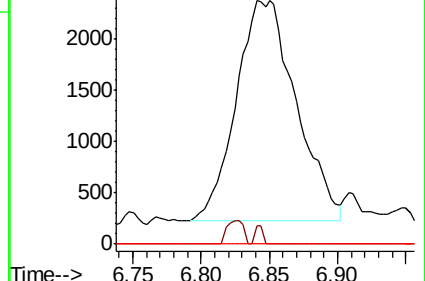
70 0.0 8.4 12.6#

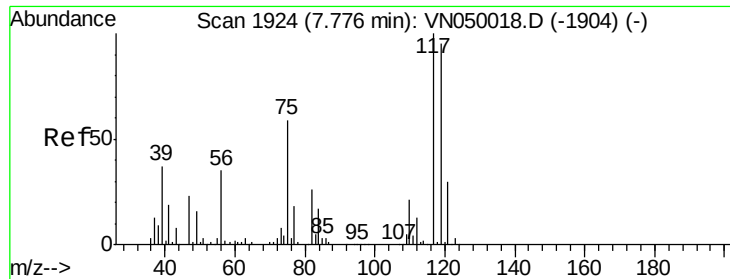


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 4.59 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#03

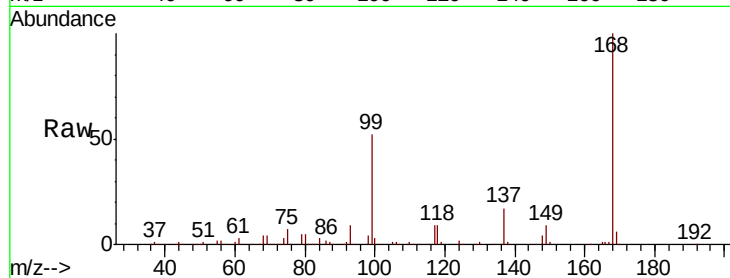
Tot Ion:117 Resp: 59101

Ion Ratio Lower Upper

117 100

119 6.3 77.4 116.0#

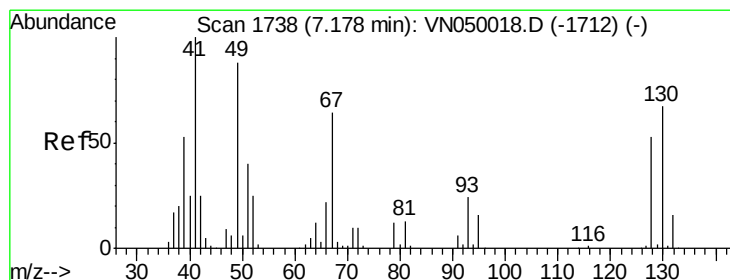
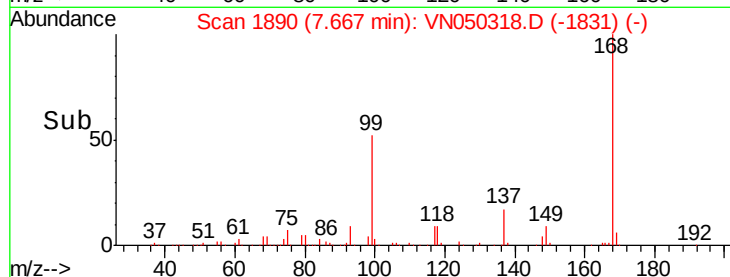
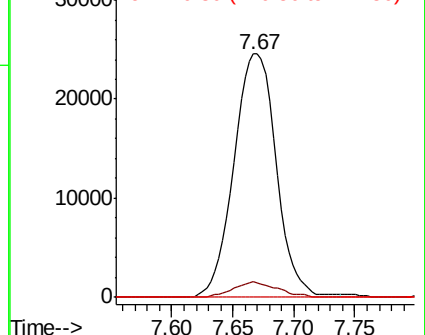
121 0.0 23.9 35.9#



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: 2.89 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.04 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Tgt Ion: 41 Resp: 677

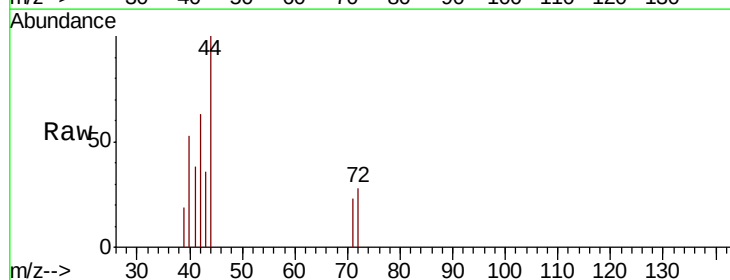
Ion Ratio Lower Upper

41 100

39 92.6 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

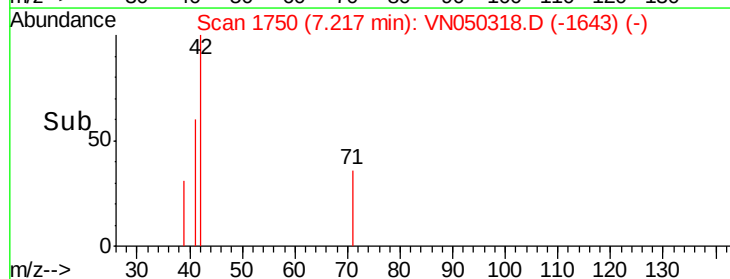
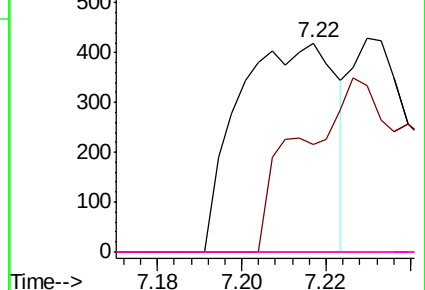


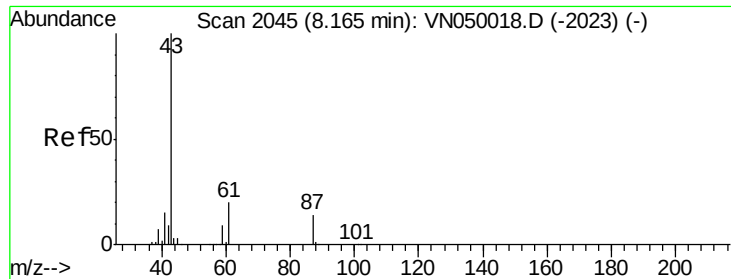
Abundance Ion 41.00 (40.70 to 41.70): VNO

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



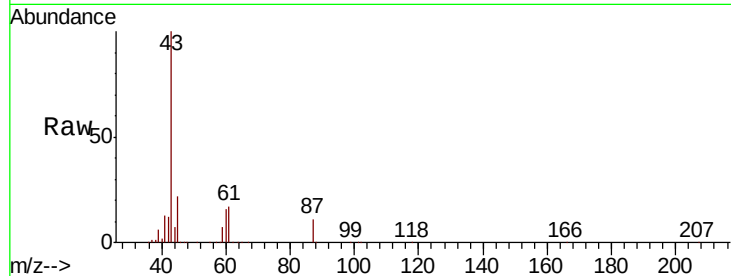


#43

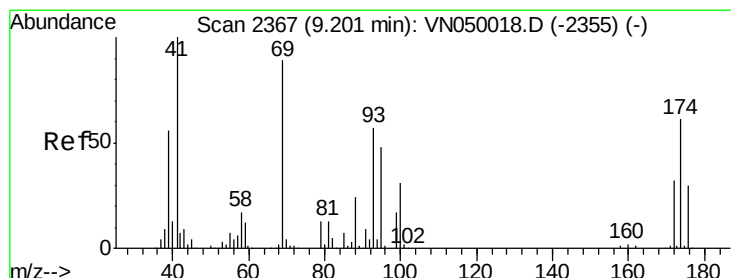
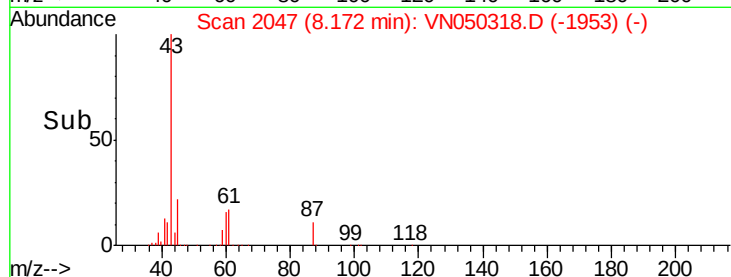
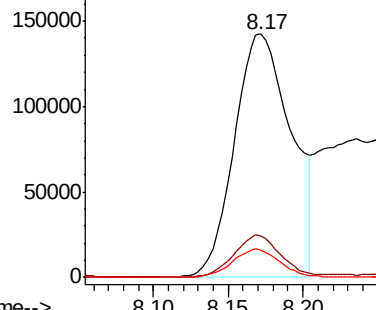
Isopropyl Acetate
 Concen: 22.85 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050318.D
 Acq: 3 Aug 2018 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#03

Tot Ion: 43 Resp: 374439
 Ion Ratio Lower Upper
 43 100
 61 15.0 15.8 23.6#
 87 9.7 10.3 15.5#



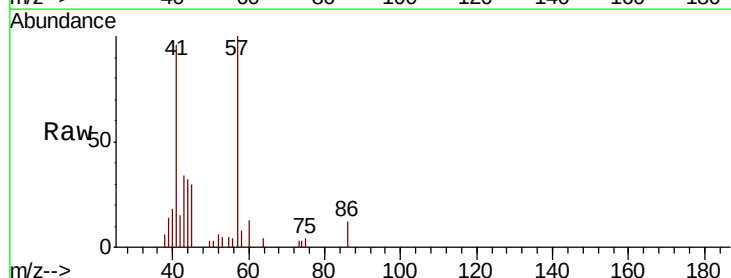
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



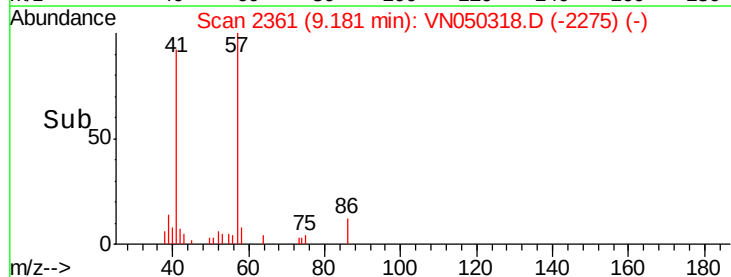
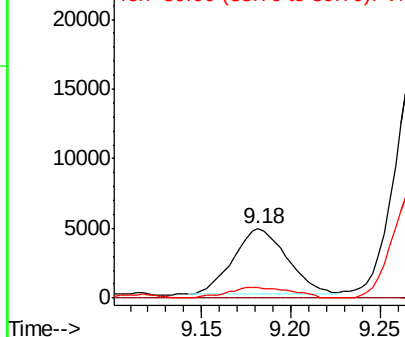
#48

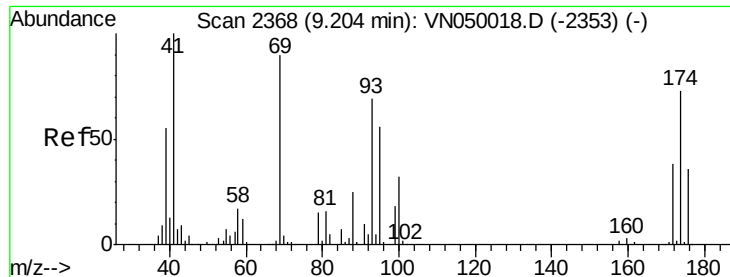
Methyl methacrylate
 Concen: 1.37 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN050318.D
 Acq: 3 Aug 2018 17:27

Tgt Ion: 41 Resp: 9965
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.6 105.8#
 39 19.7 43.9 65.9#



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





#49

1,4-Dioxane

Concen: 1.87 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.01 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#03

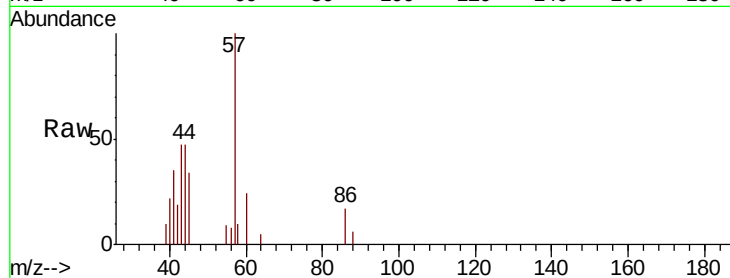
Tot Ion: 88 Resp: 186

Ion Ratio Lower Upper

88 100

43 0.0 26.9 40.3#

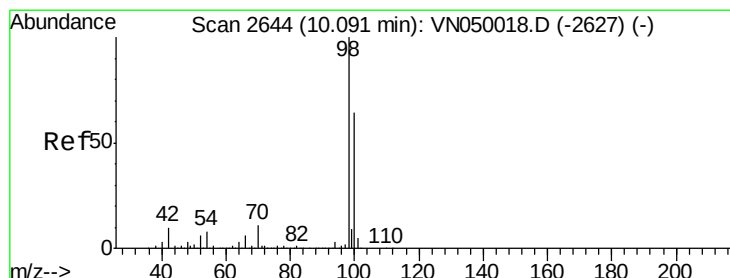
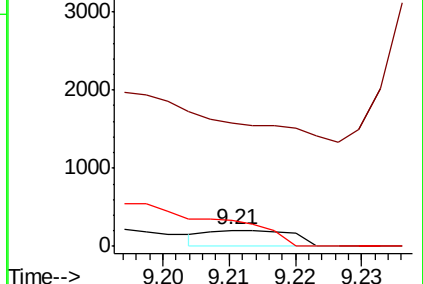
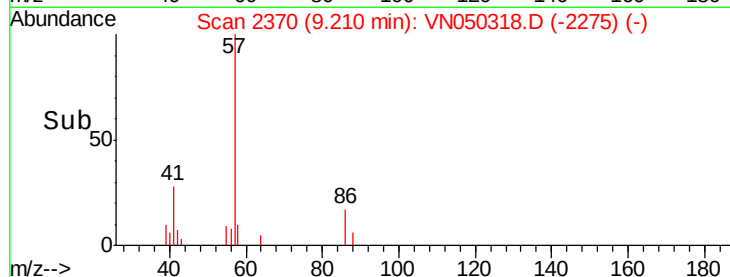
58 0.0 57.3 85.9#



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: 45.43 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050318.D

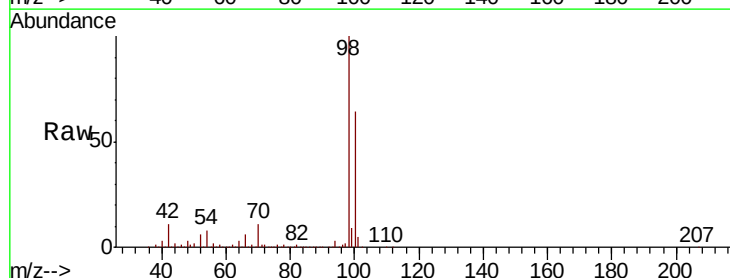
Acq: 3 Aug 2018 17:27

Tgt Ion: 98 Resp: 1469888

Ion Ratio Lower Upper

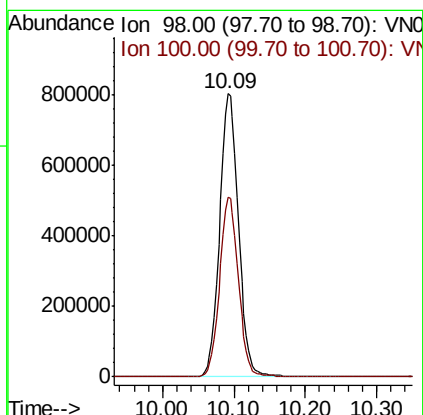
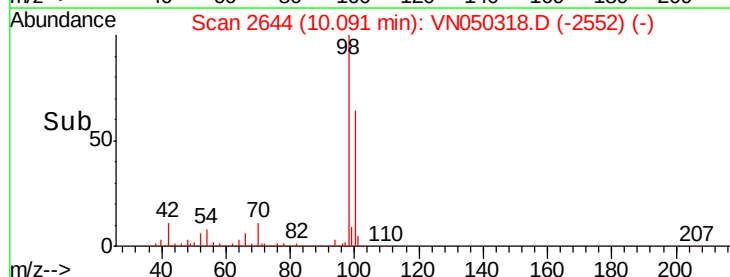
98 100

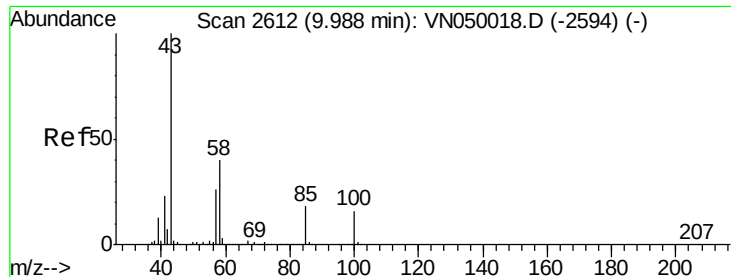
100 63.4 50.7 76.1



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: 0.40 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

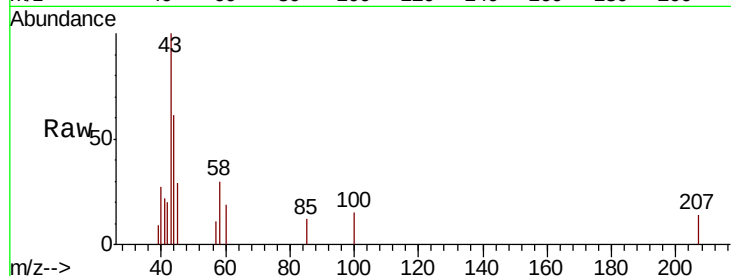
PB111719ZHE#03

Tot Ion: 43 Resp: 3324

Ion Ratio Lower Upper

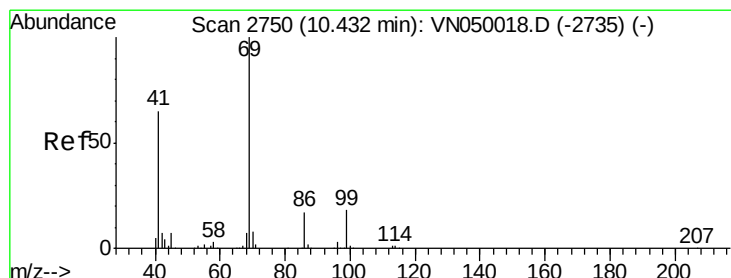
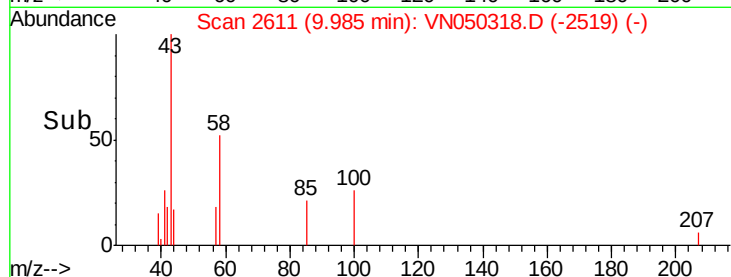
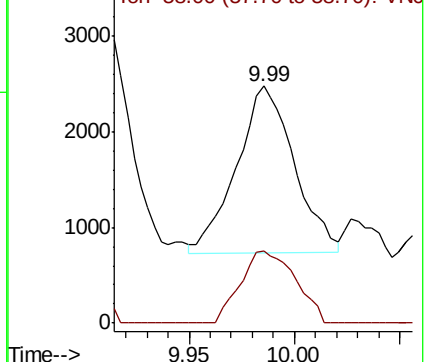
43 100

58 41.0 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#56

Ethyl methacrylate

Concen: 2.09 ug/l

RT: 10.64 min Scan# 2815

Delta R.T. 0.21 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

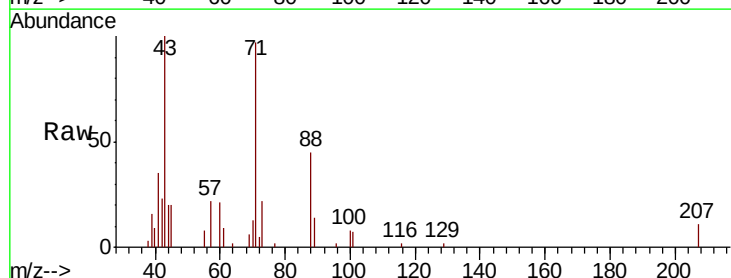
Tgt Ion: 69 Resp: 677

Ion Ratio Lower Upper

69 100

41 891.4 51.0 76.4#

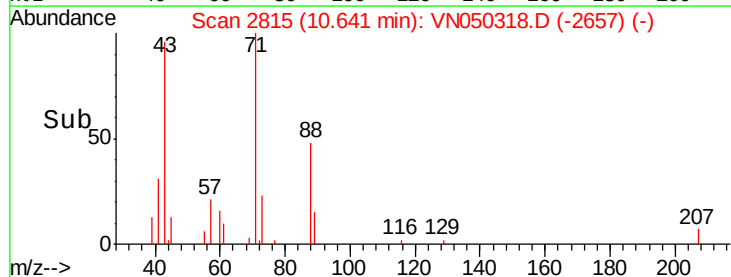
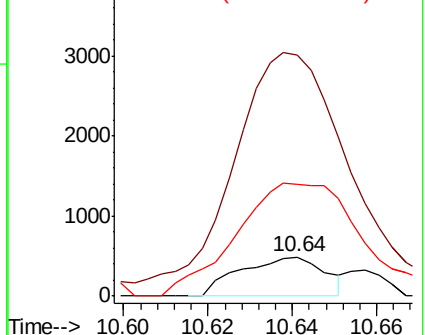
39 428.8 26.6 40.0#

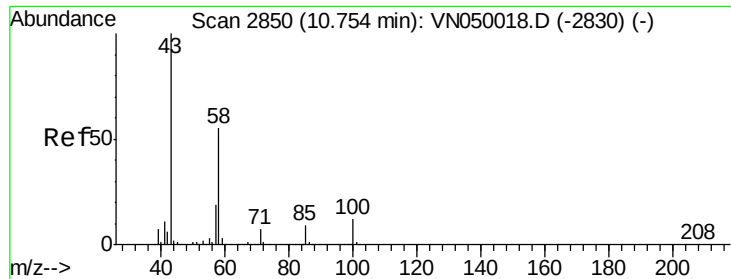


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#59

2-Hexanone

Concen: 8.79 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

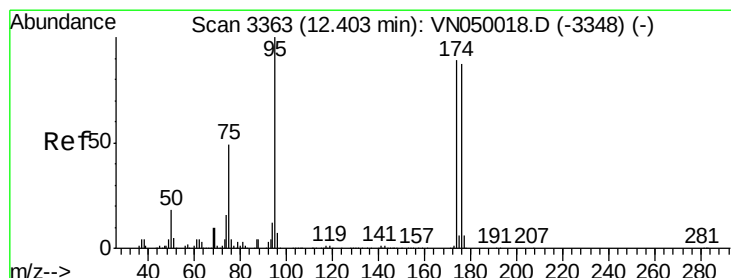
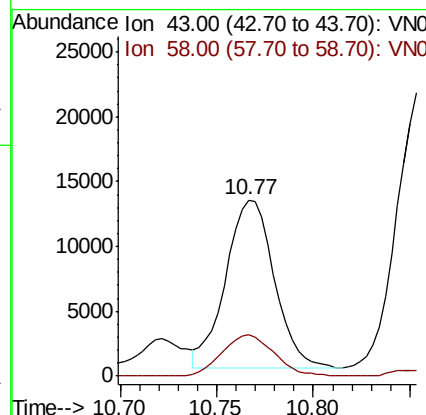
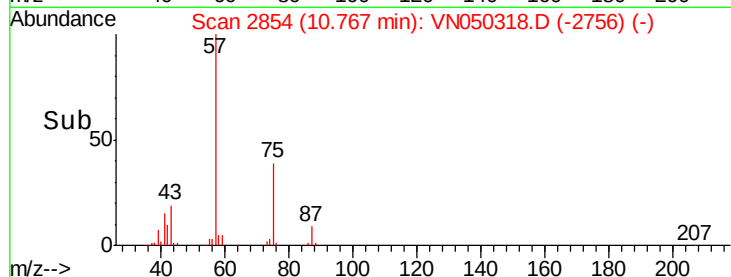
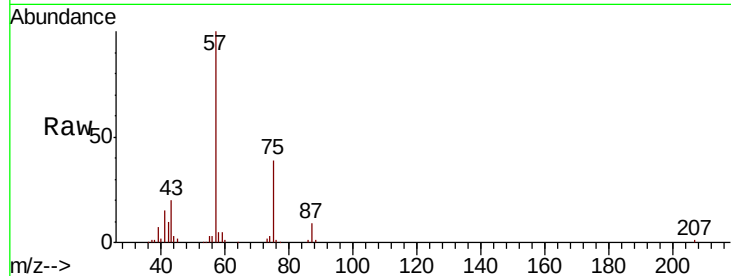
PB111719ZHE#03

Tot Ion: 43 Resp: 22572

Ion Ratio Lower Upper

43 100

58 26.4 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 40.89 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

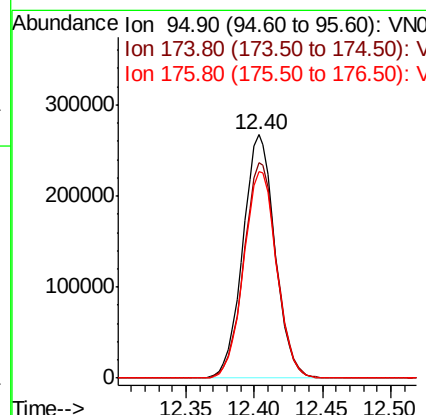
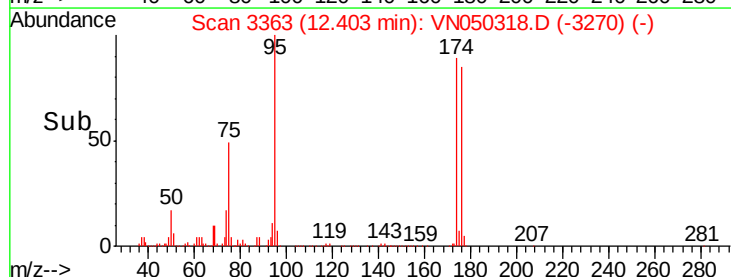
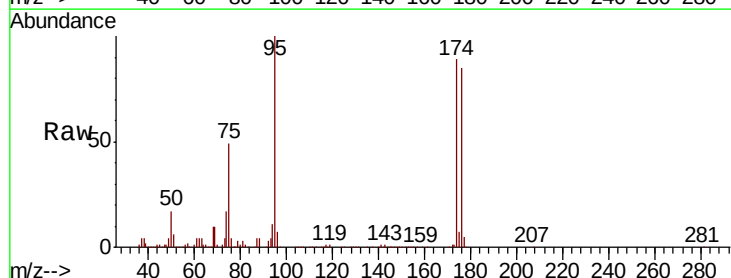
Tgt Ion: 95 Resp: 435647

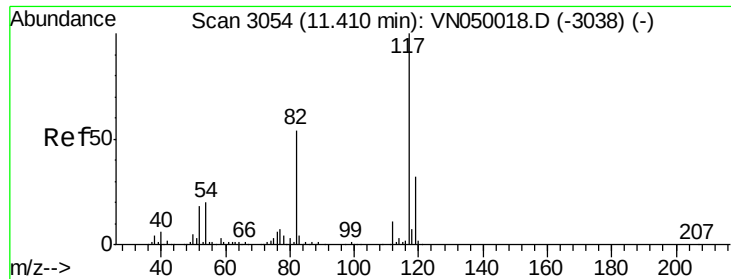
Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.2

176 87.2 0.0 173.4

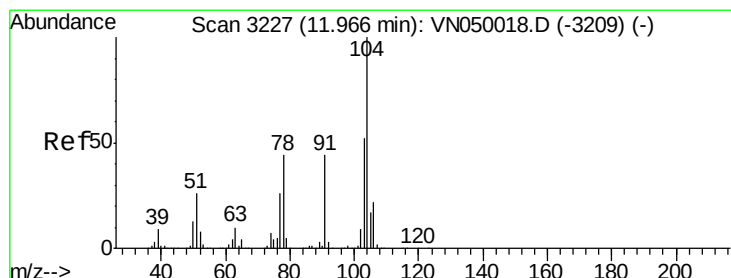
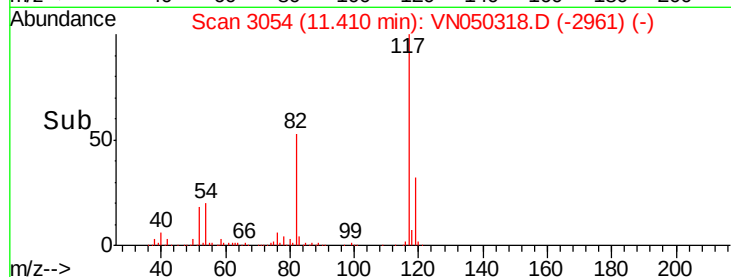
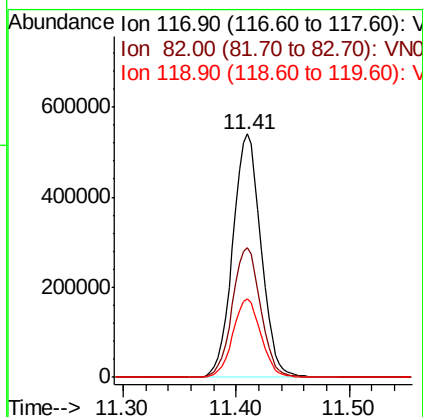
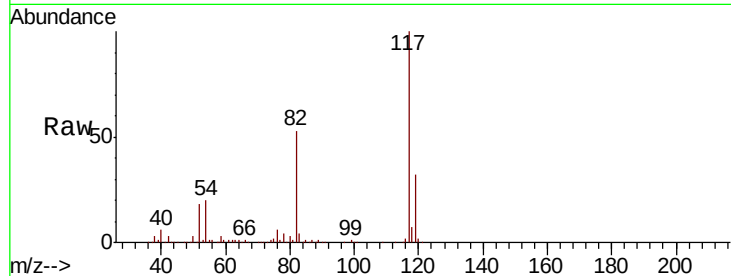




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050318.D
Acq: 3 Aug 2018 17:27

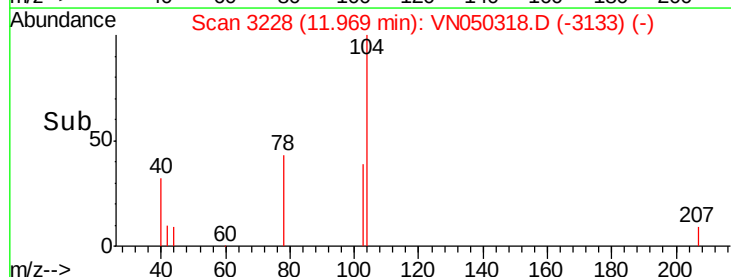
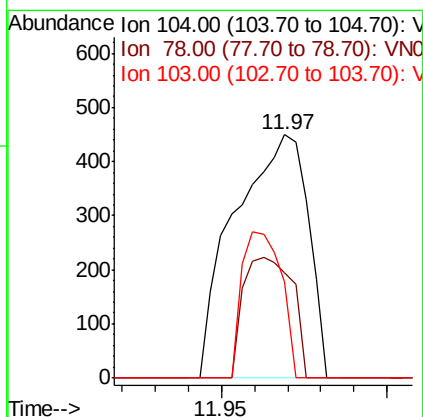
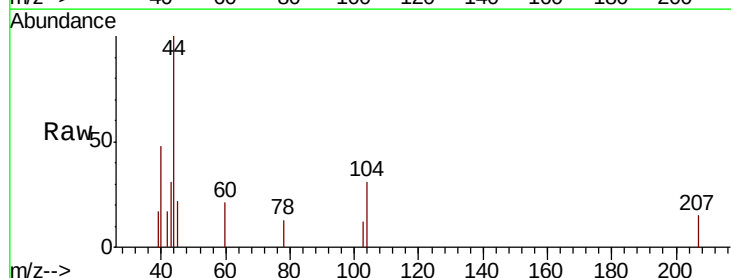
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#03

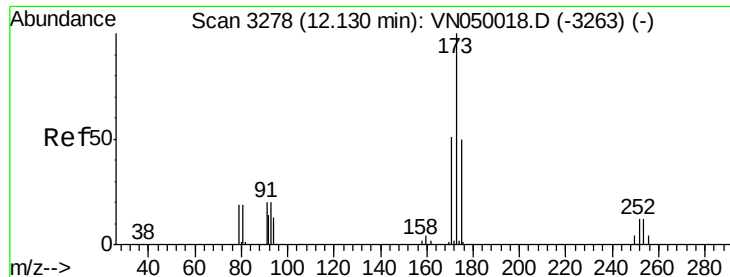
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.7	65.5
119	32.2	26.1	39.1



#70
Styrene
Concen: 0.95 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.00 min
Lab File: VN050318.D
Acq: 3 Aug 2018 17:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	33.0	39.3	58.9#
103	32.2	45.0	67.6#





#71

Bromoform

Concen: 0.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#03

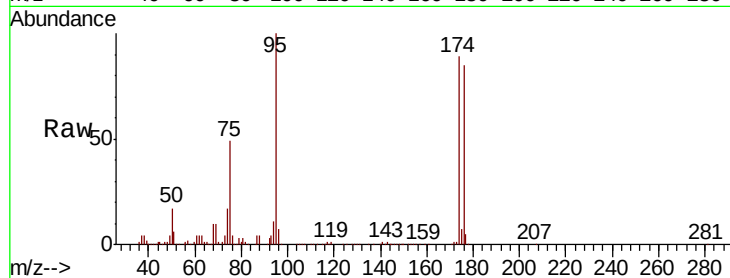
Tot Ion:173 Resp: 3780

Ion Ratio Lower Upper

173 100

175 689.4 24.1 72.2#

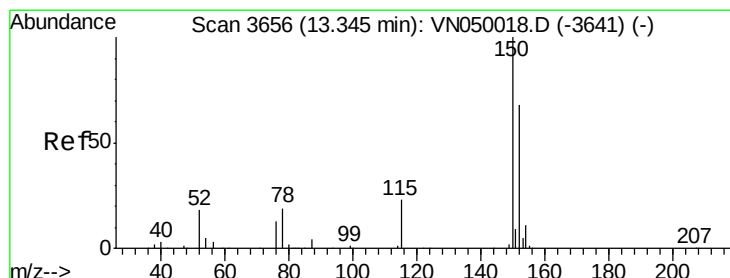
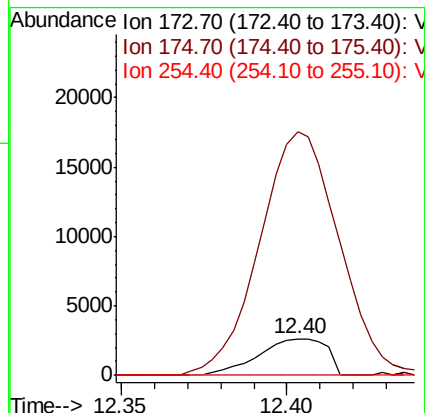
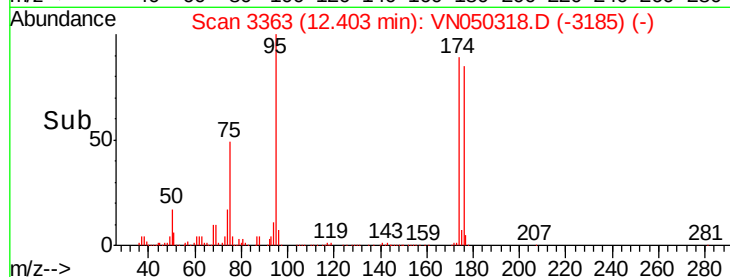
254 0.0 0.2 0.2#



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: VN050318.D

Acq: 3 Aug 2018 17:27

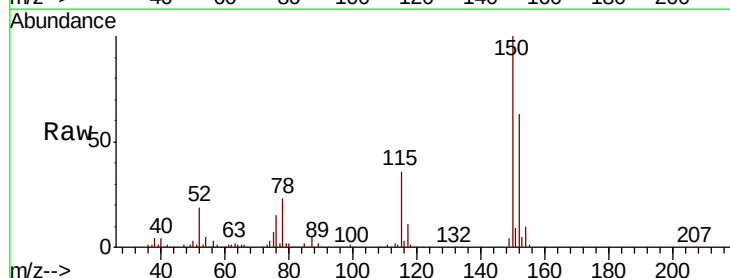
Tgt Ion:152 Resp: 405155

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.3

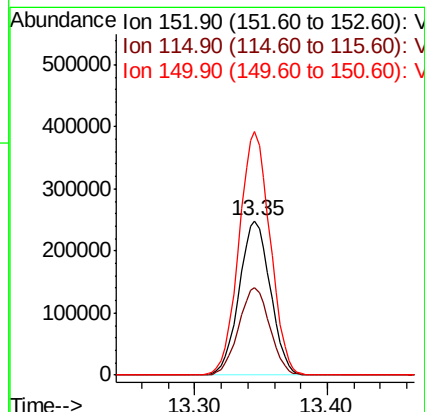
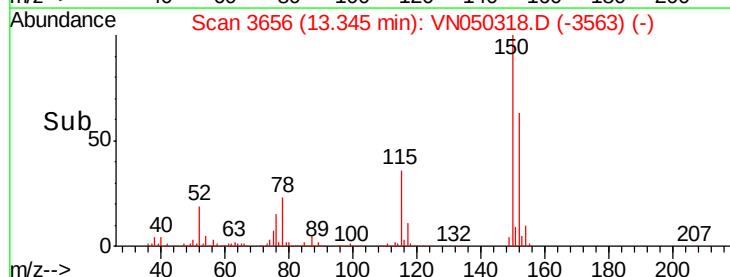
150 157.9 0.0 348.6

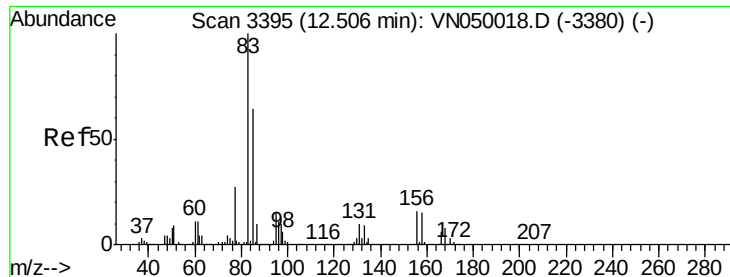


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3361

Delta R.T. -0.11 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#03

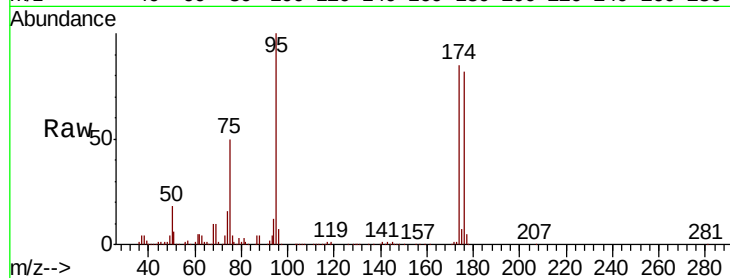
Tot Ion: 83 Resp: 165

Ion Ratio Lower Upper

83 100

131 320.6 5.1 15.3#

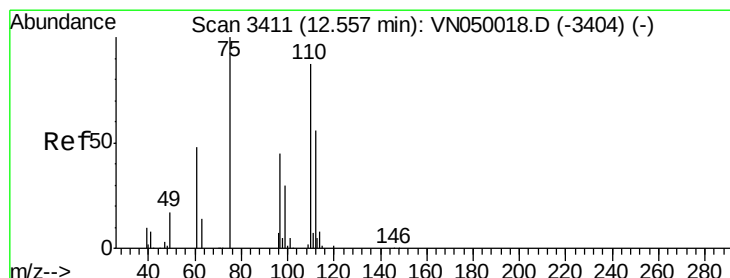
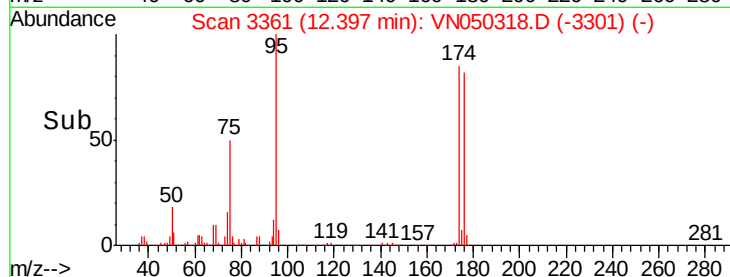
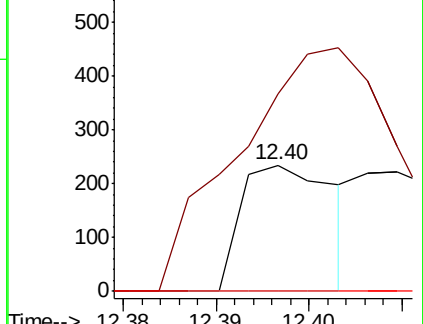
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.55 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050318.D

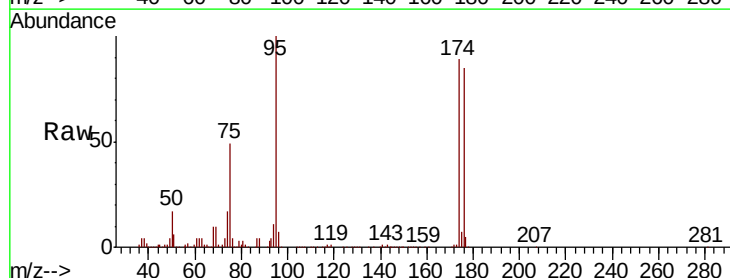
Acq: 3 Aug 2018 17:27

Tgt Ion: 75 Resp: 214984

Ion Ratio Lower Upper

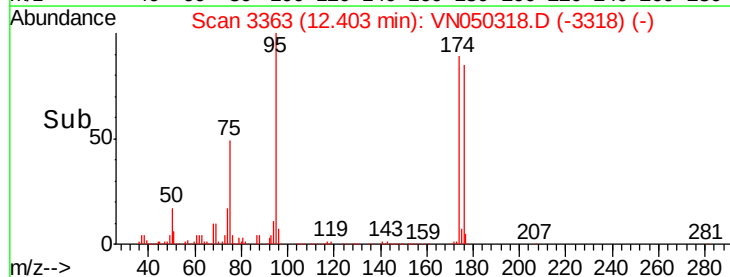
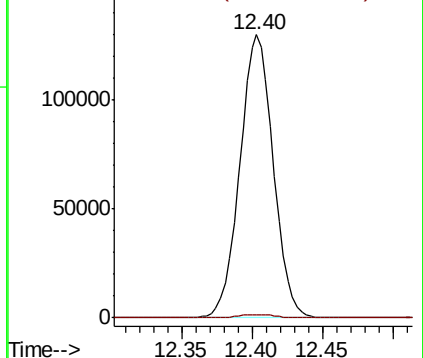
75 100

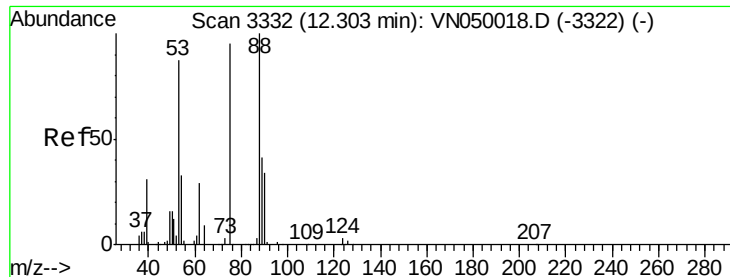
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

150000 Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 90.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#03

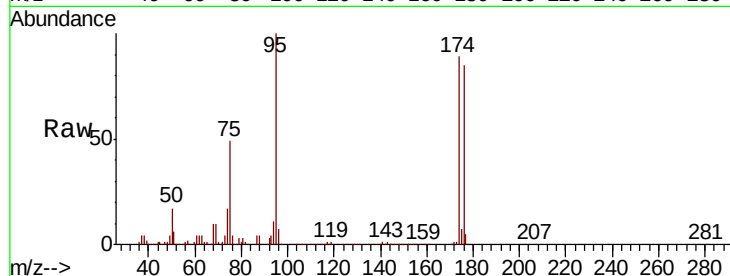
Tot Ion: 75 Resp: 214984

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

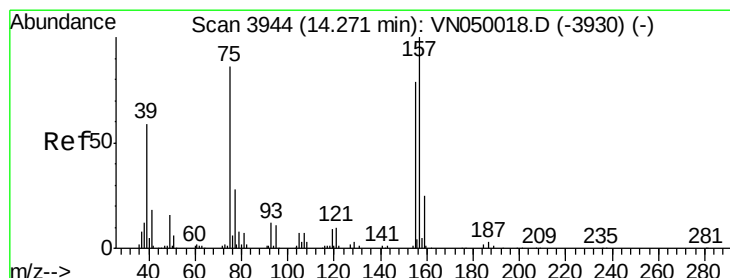
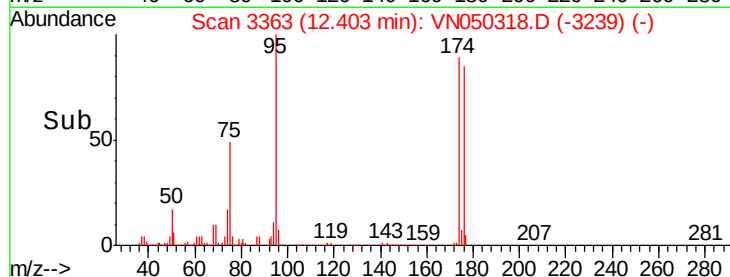
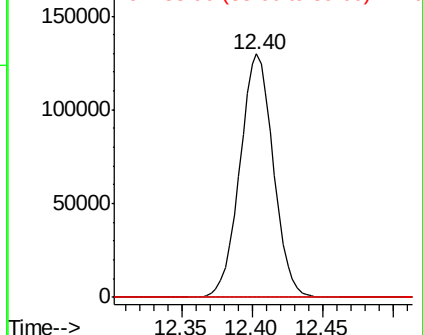
89 0.0 36.0 54.0#



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# 3940

Delta R.T. -0.01 min

Lab File: VN050318.D

Acq: 3 Aug 2018 17:27

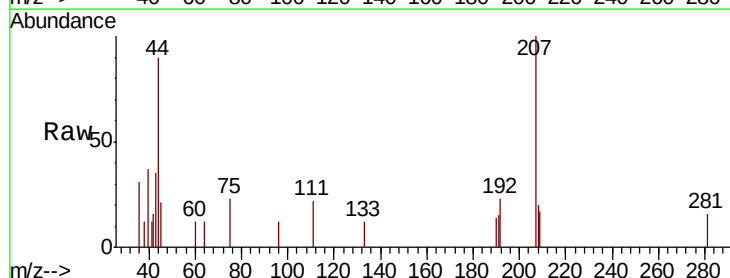
Tgt Ion: 75 Resp: 469

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

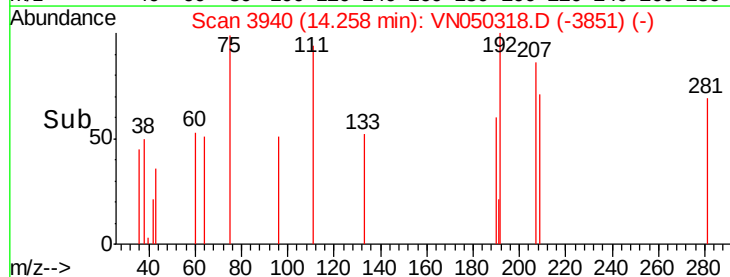
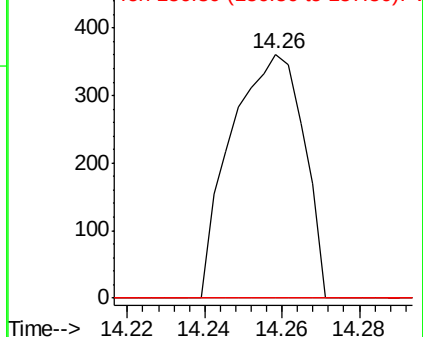
157 0.0 57.2 171.6#

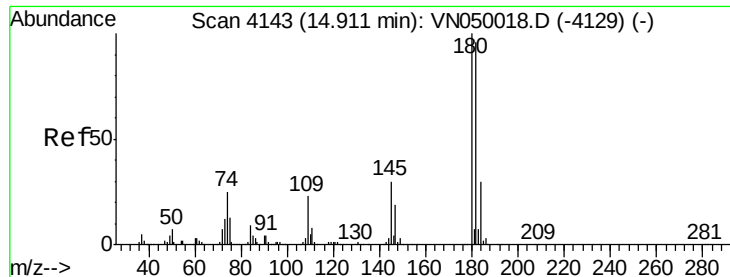


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

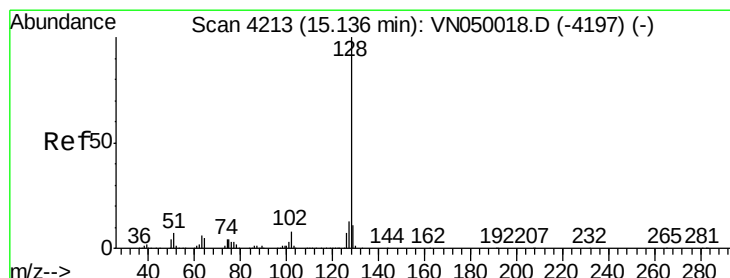
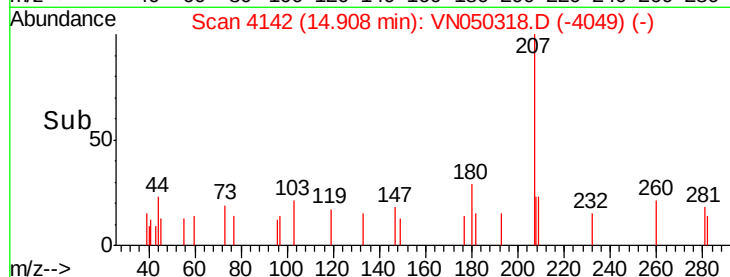
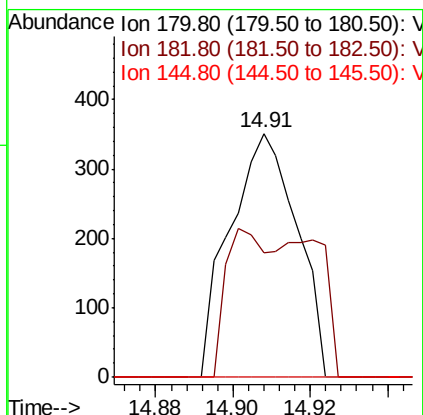
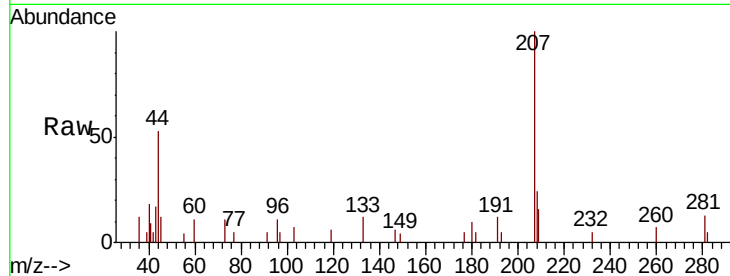




#93
 1,2,4-Trichlorobenzene
 Concen: 3.14 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050318.D
 Acq: 3 Aug 2018 17:27

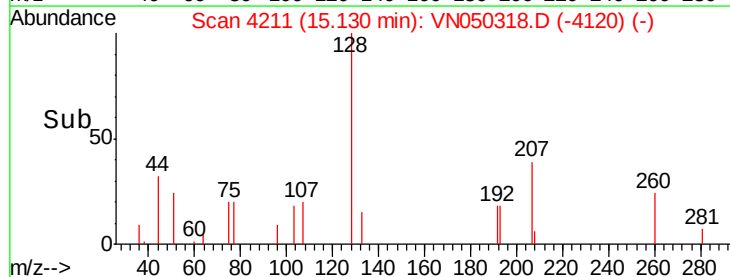
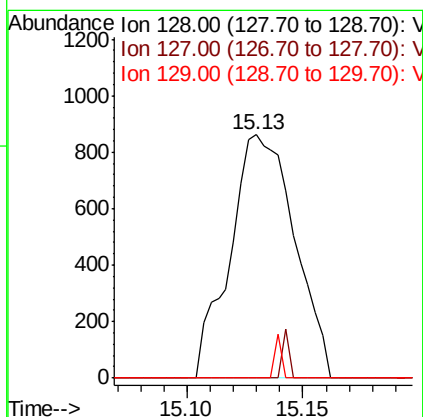
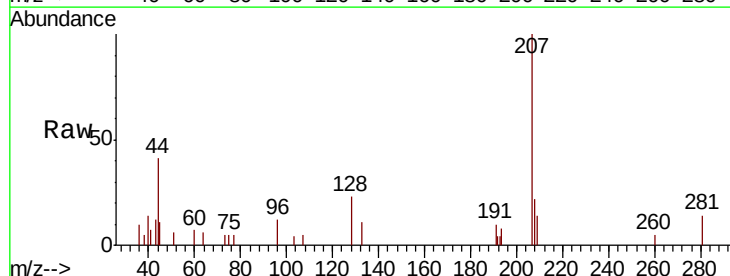
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#03

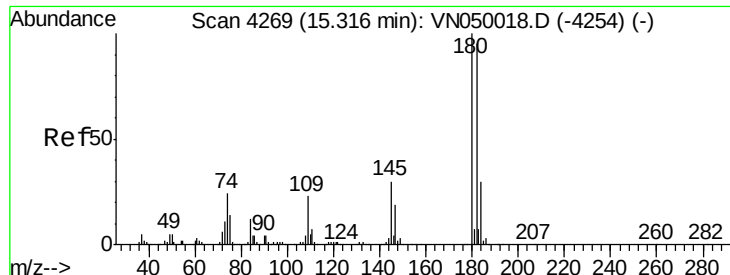
Tot Ion:180 Resp: 423
 Ion Ratio Lower Upper
 180 100
 182 43.0 46.7 140.1#
 145 0.0 13.8 41.4#



#95
 Naphthalene
 Concen: 4.50 ug/l
 RT: 15.13 min Scan# 4211
 Delta R.T. -0.01 min
 Lab File: VN050318.D
 Acq: 3 Aug 2018 17:27

Tgt Ion:128 Resp: 1666
 Ion Ratio Lower Upper
 128 100
 127 2.0 10.4 15.6#
 129 1.8 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.27 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN050318.D
 Acq: 3 Aug 2018 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#03

Tot Ion	Ratio	Lower	Upper
180	100		
182	61.0	48.1	144.4
145	0.0	15.3	45.9#

