

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050231.D
 Acq On : 31 Jul 2018 21:55
 Operator : MD\SY
 Sample : PB111613ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#07

Quant Time: Aug 01 04:00:05 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	621230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1057738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	890666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306775	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	453762	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
35) Dibromofluoromethane	7.59	113	401608	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
50) Toluene-d8	10.09	98	1419281	44.70	ug/l	0.00
Spiked Amount			Recovery	=	89.40%	
62) 4-Bromofluorobenzene	12.40	95	384838	36.81	ug/l	0.00
Spiked Amount			Recovery	=	73.62%	

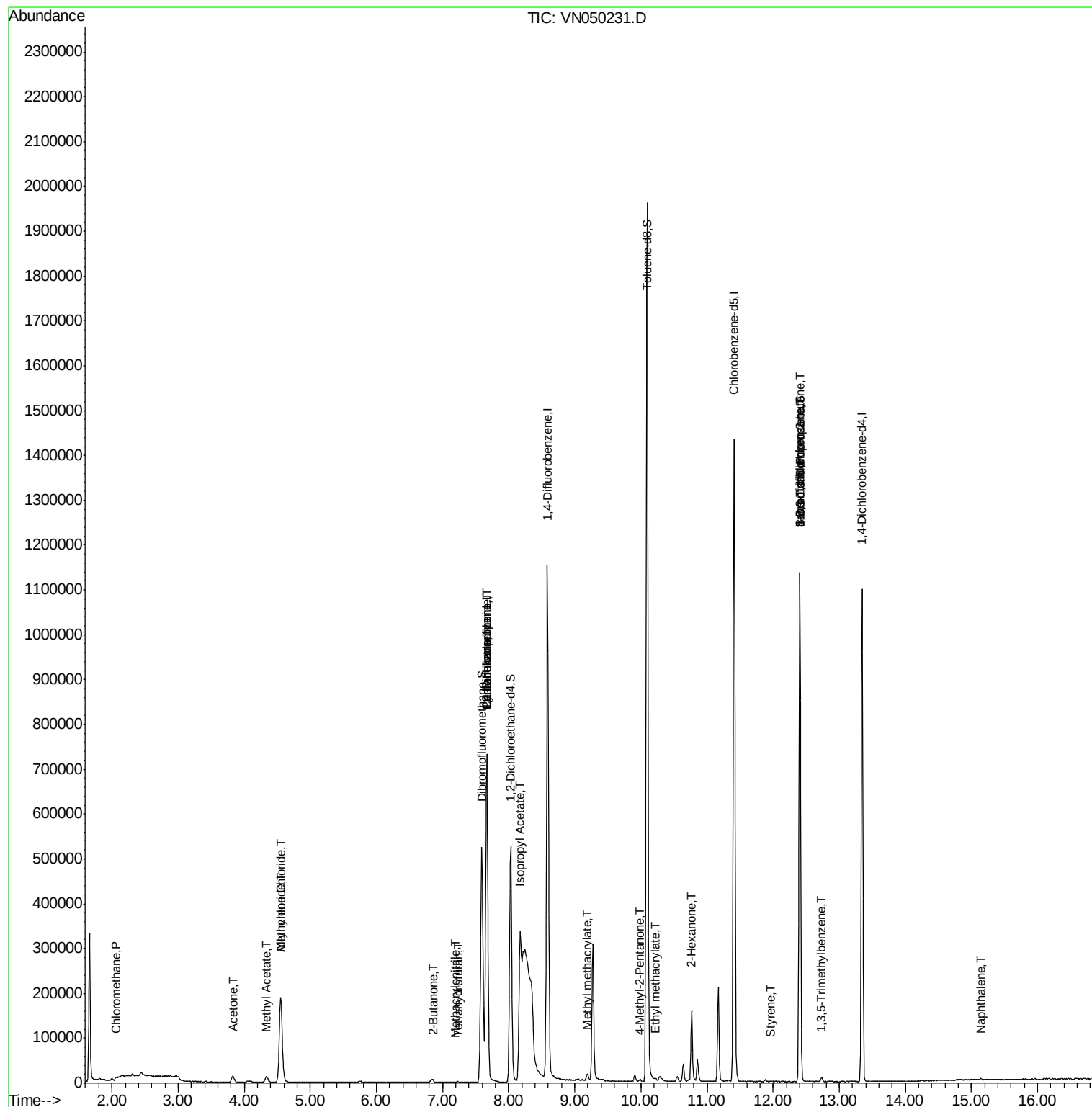
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	2648	0.27	ug/l	93
5) Bromomethane	2.56	94	529	Below Cal		92
14) Allyl chloride	4.55	41	5692	0.51	ug/l #	24
16) Acetone	3.83	43	23599	7.34	ug/l	98
18) Methyl Acetate	4.34	43	24851	1.55	ug/l	100
20) Methylene Chloride	4.55	84	152397	19.05	ug/l	99
25) 2-Butanone	6.86	43	5112	1.55	ug/l #	84
29) Tetrahydrofuran	7.23	42	1310	0.61	ug/l #	72
31) Cyclohexane	7.66	56	11586	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44379	3.72	ug/l #	48
38) Carbon Tetrachloride	7.67	117	58208	4.60	ug/l #	17
41) Methacrylonitrile	7.19	41	74	2.76	ug/l #	15
43) Isopropyl Acetate	8.17	43	393810	24.57	ug/l #	91
48) Methyl methacrylate	9.18	41	8592	1.20	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	1905	0.23	ug/l #	77
56) Ethyl methacrylate	10.23	69	2558	2.24	ug/l #	73
59) 2-Hexanone	10.77	43	21748	8.72	ug/l #	60
70) Styrene	11.96	104	283	0.94	ug/l #	25
71) Bromoform	12.40	173	3761	0.60	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	271	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	186463	32.71	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4869	0.26	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	186463	103.74	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.25	75	102	Below Cal	#	1
95) Naphthalene	15.14	128	1986	4.54	ug/l #	90

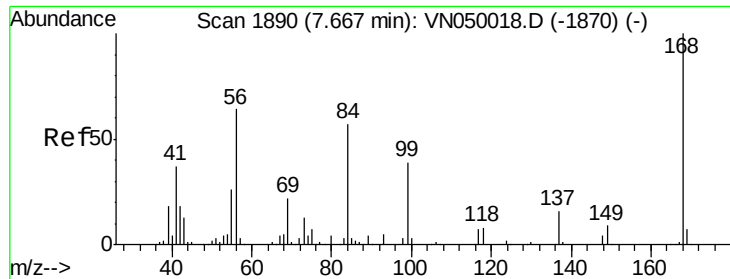
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 01 04:00:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
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: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

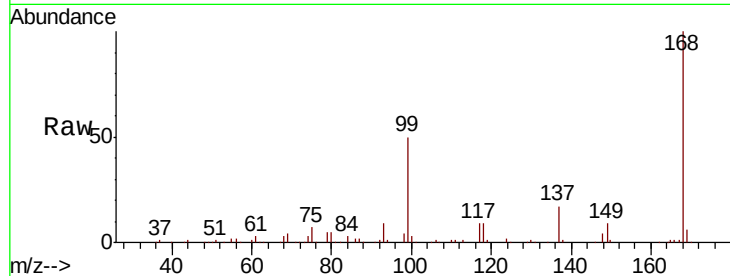
PB111613ZHE#07

Tot Ion:168 Resp: 621230

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

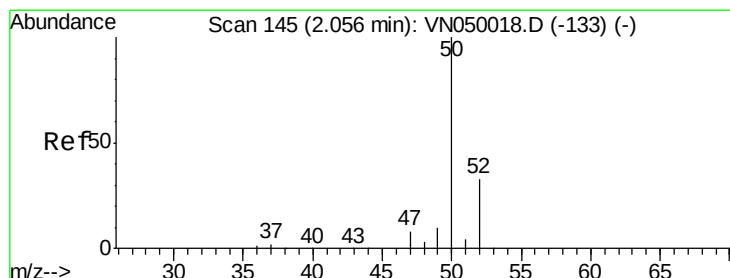
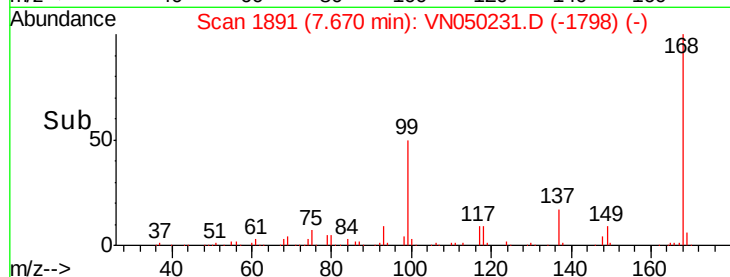
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.27 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN050231.D

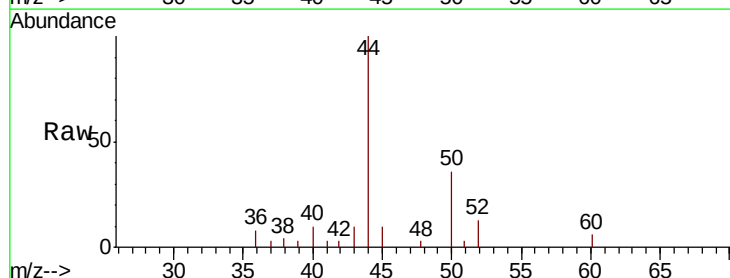
Acq: 31 Jul 2018 21:55

Tgt Ion: 50 Resp: 2648

Ion Ratio Lower Upper

50 100

52 36.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.05

2000

1500

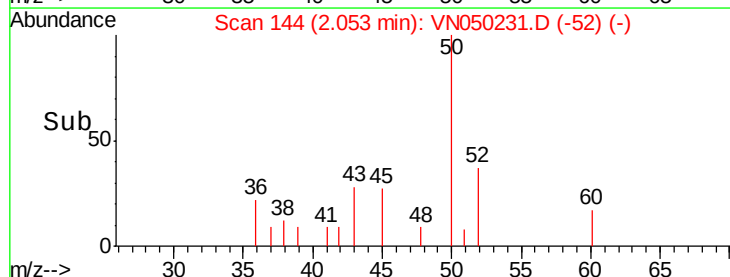
1000

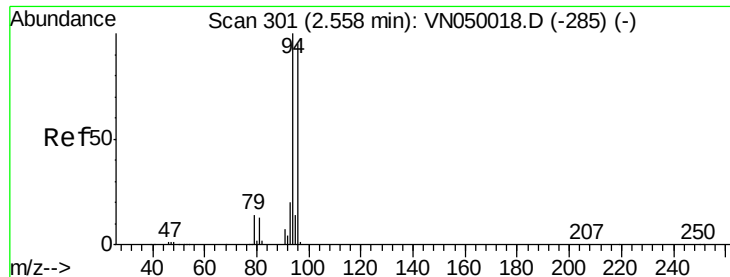
500

0

2.02 2.04 2.06 2.08 2.10

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

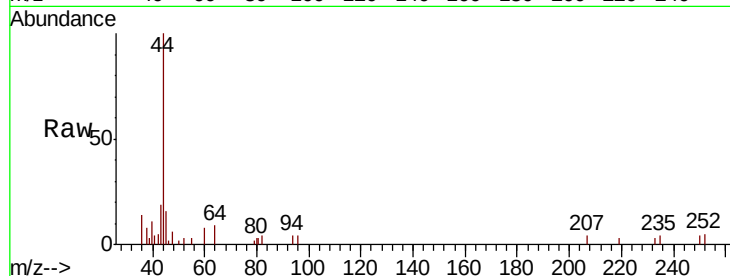
PB111613ZHE#07

Tot Ion: 94 Resp: 529

Ion Ratio Lower Upper

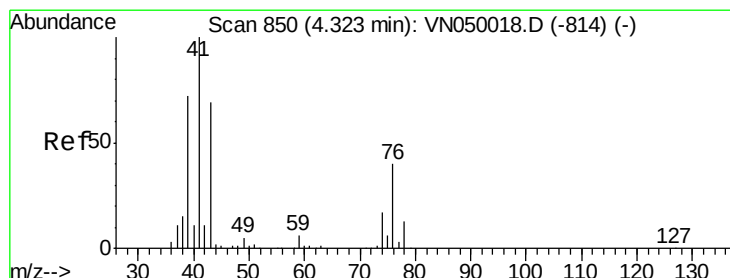
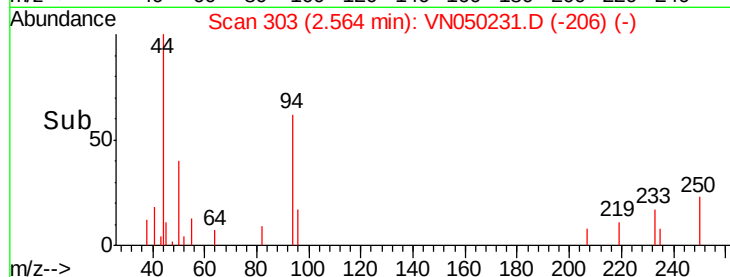
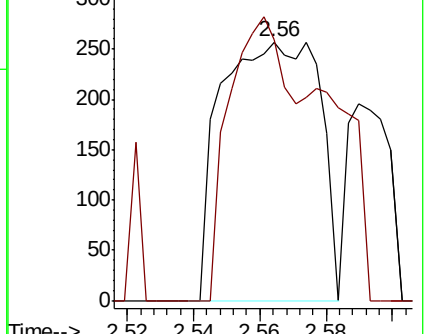
94 100

96 100.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#14

Allyl chloride

Concen: 0.51 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.23 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

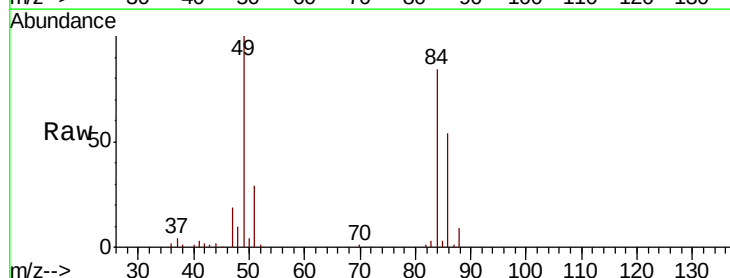
Tgt Ion: 41 Resp: 5692

Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

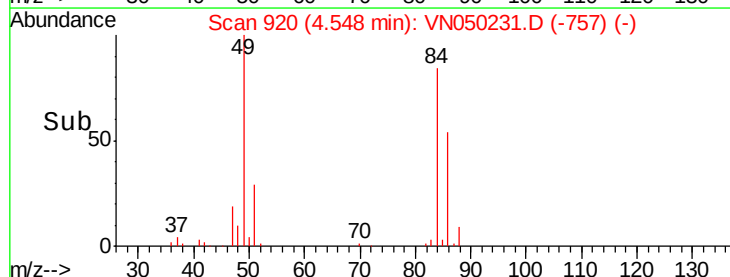
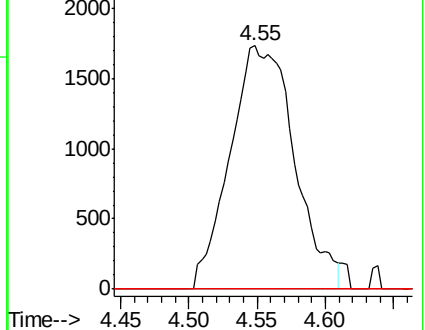
76 0.0 29.0 43.6#

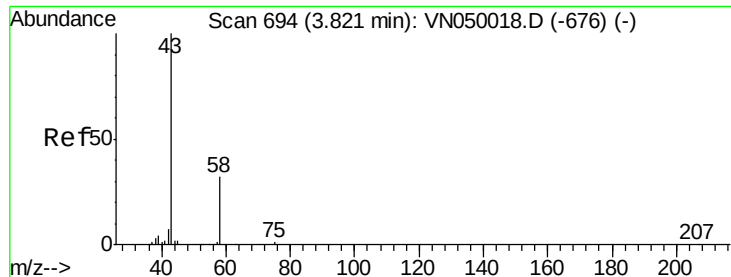


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 7.34 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

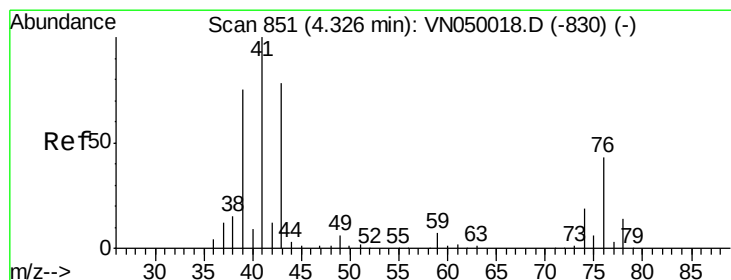
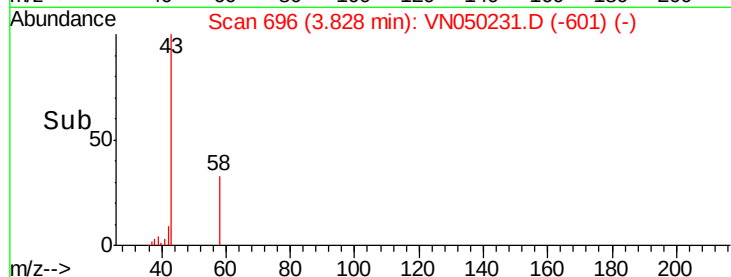
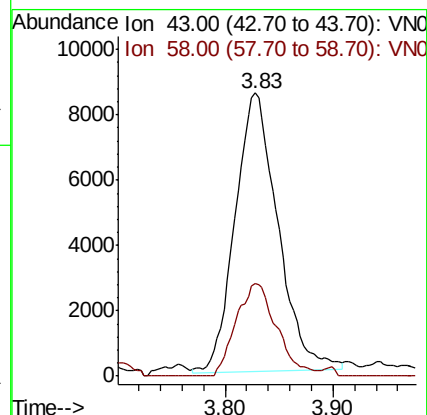
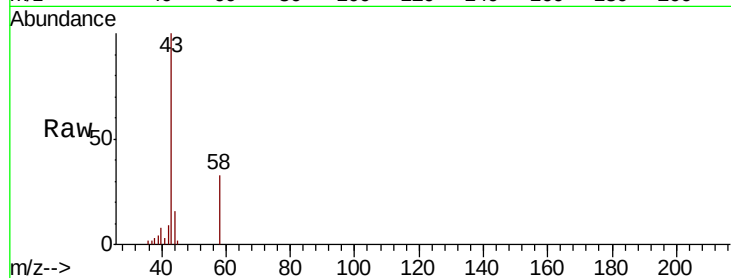
PB111613ZHE#07

Tot Ion: 43 Resp: 23599

Ion Ratio Lower Upper

43 100

58 33.6 25.8 38.8



#18

Methyl Acetate

Concen: 1.55 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050231.D

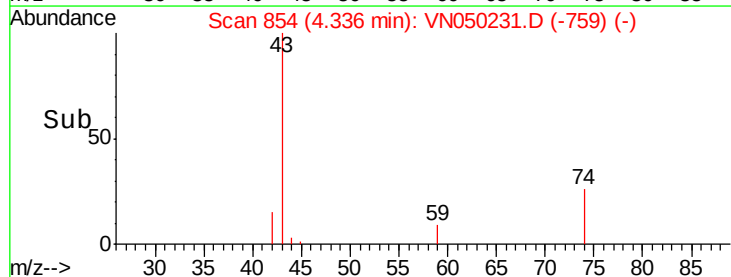
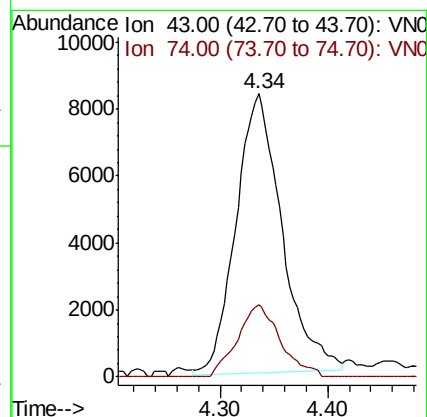
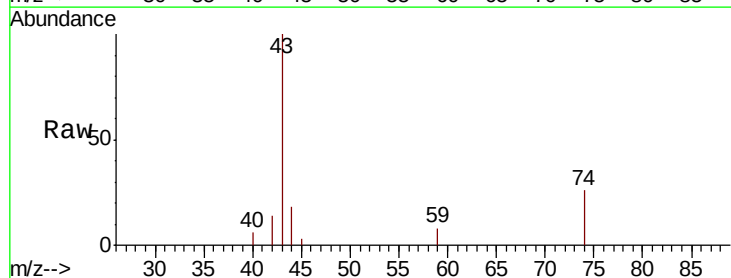
Acq: 31 Jul 2018 21:55

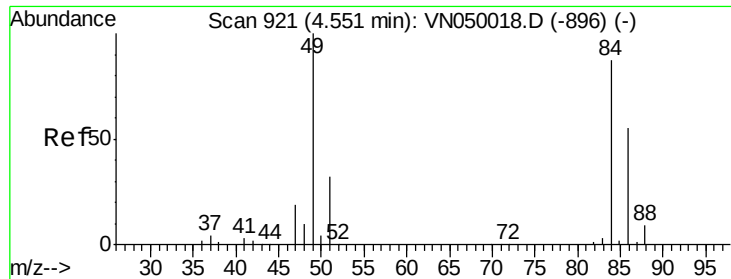
Tgt Ion: 43 Resp: 24851

Ion Ratio Lower Upper

43 100

74 24.1 19.2 28.8

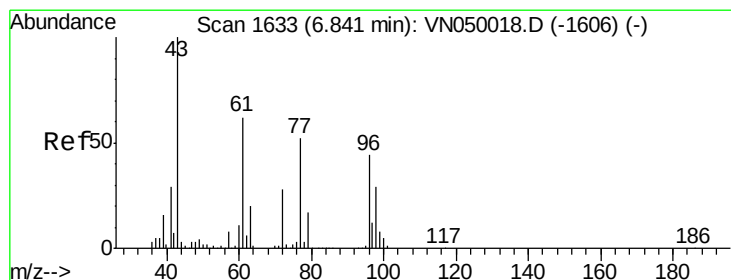
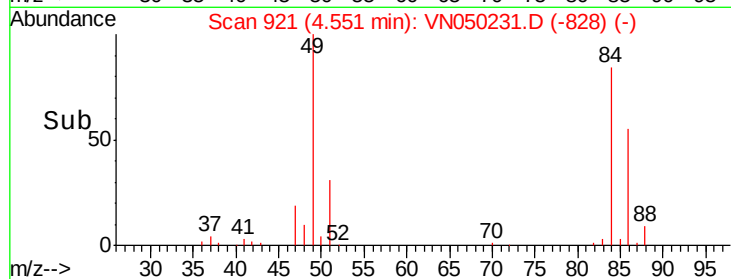
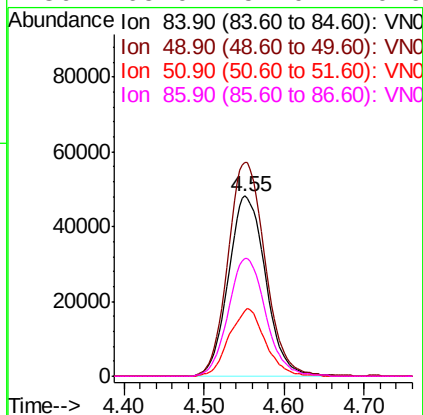
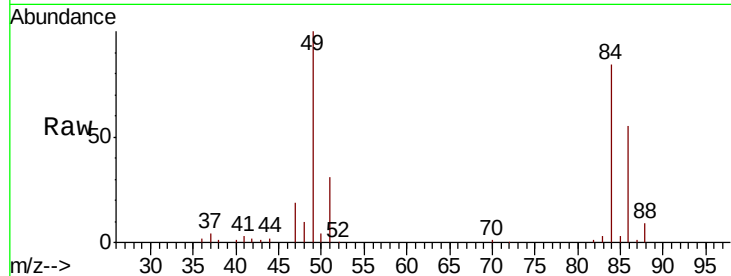




#20
Methvlene Chloride
Concen: 19.05 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

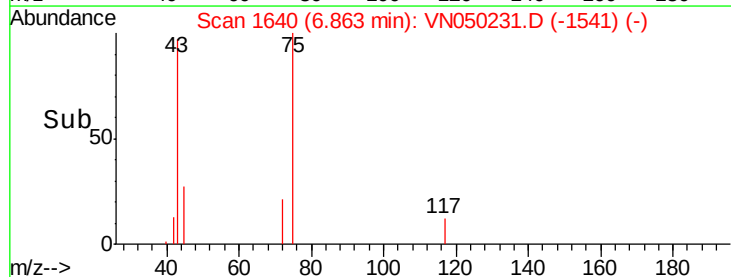
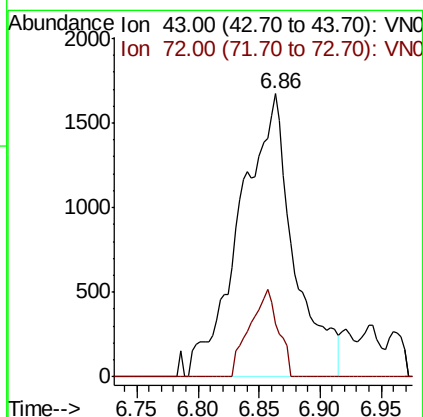
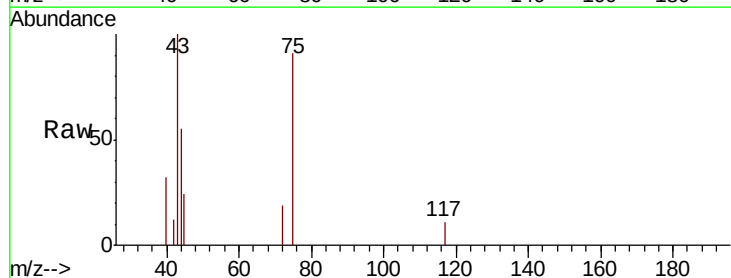
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#07

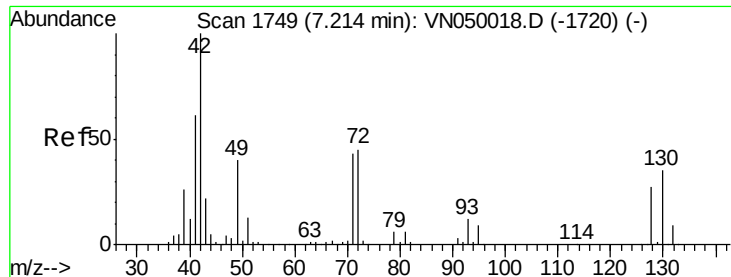
Tot Ion:	84	Resp:	152397
Ion	Ratio	Lower	Upper
84	100		
49	118.4	94.8	142.2
51	36.2	28.3	42.5
86	65.0	51.0	76.6



#25
2-Butanone
Concen: 1.55 ug/l
RT: 6.86 min Scan# 1640
Delta R.T. 0.02 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

Tgt Ion:	43	Resp:	5112
Ion	Ratio	Lower	Upper
43	100		
72	18.8	21.5	32.3#





#29

Tetrahydrofuran

Concen: 0.61 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#07

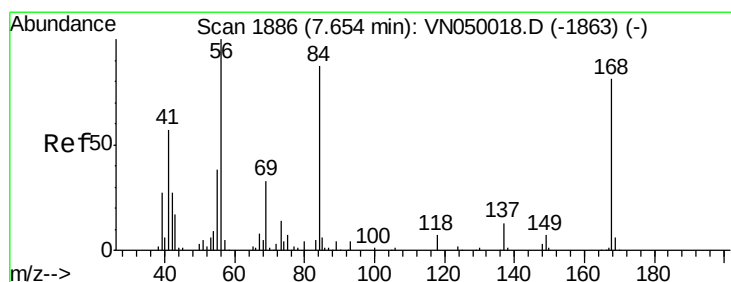
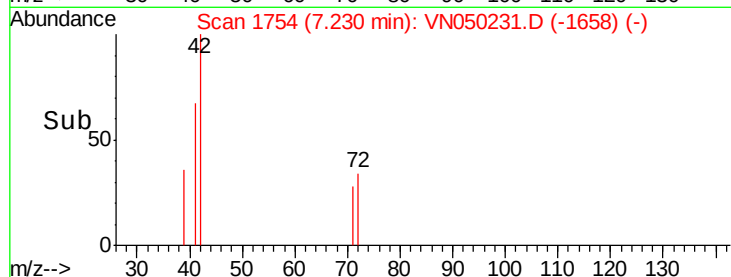
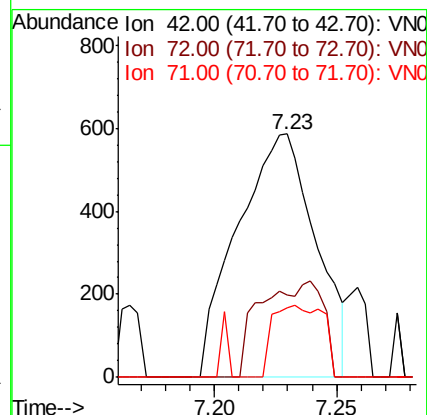
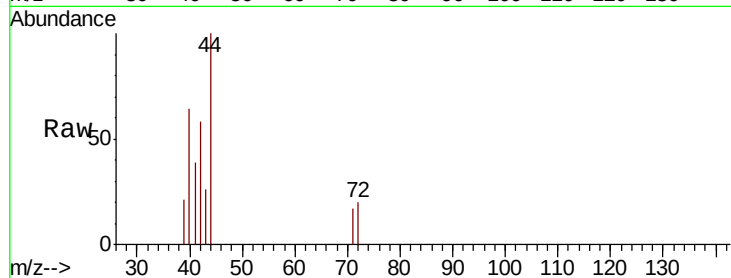
Tot Ion: 42 Resp: 1310

Ion Ratio Lower Upper

42 100

72 31.4 35.9 53.9#

71 18.9 33.7 50.5#



#31

Cyclohexane

Concen: 0.90 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

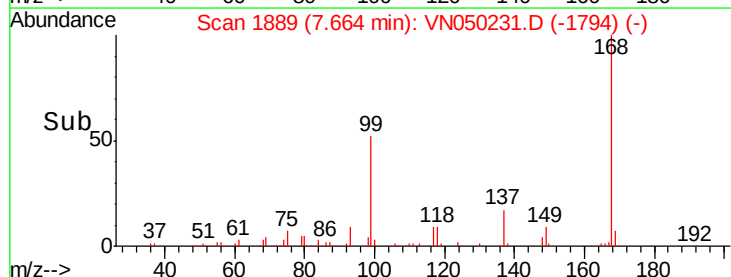
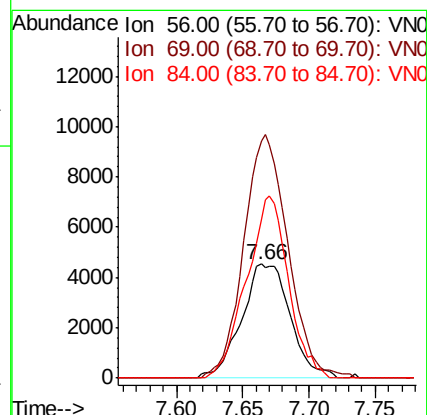
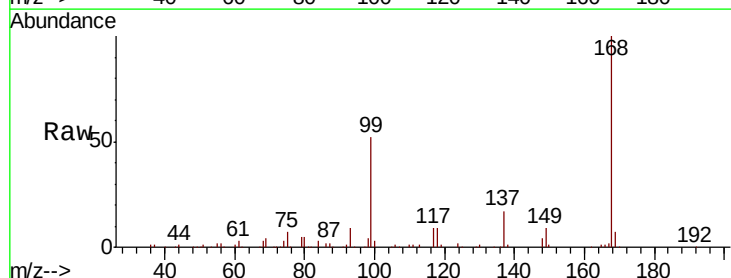
Tgt Ion: 56 Resp: 11586

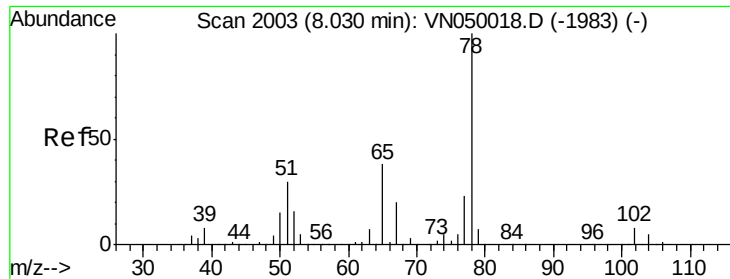
Ion Ratio Lower Upper

56 100

69 207.9 26.2 39.4#

84 139.5 67.4 101.0#

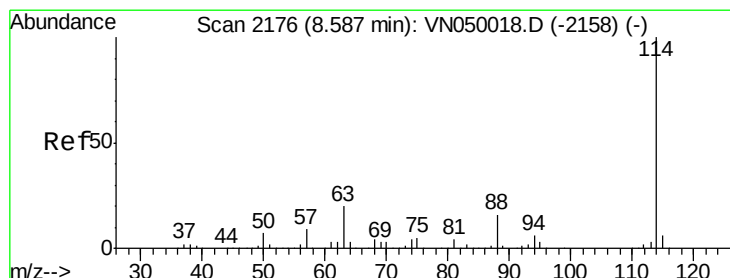
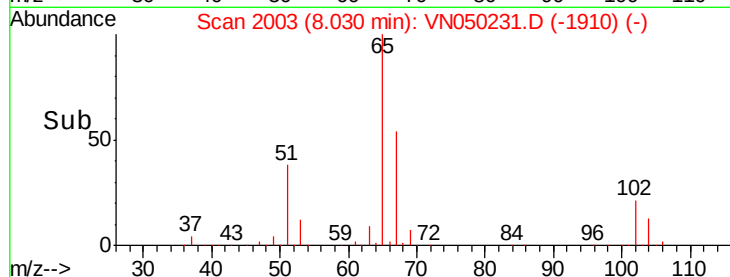
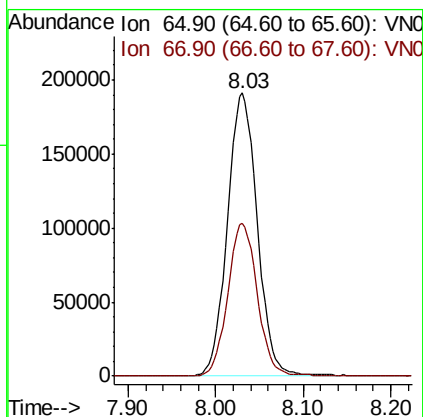
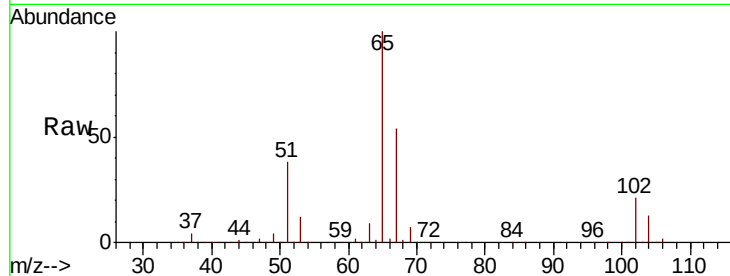




#33
 1,2-Dichloroethane-d4
 Concen: 52.35 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050231.D
 Acq: 31 Jul 2018 21:55

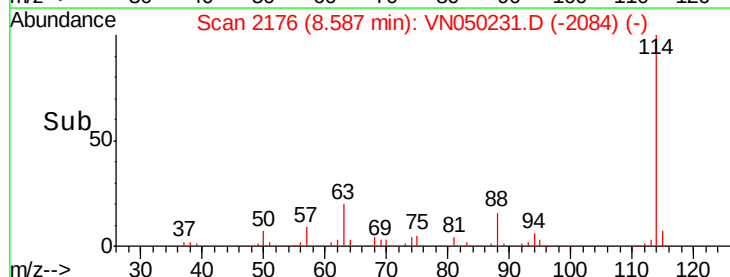
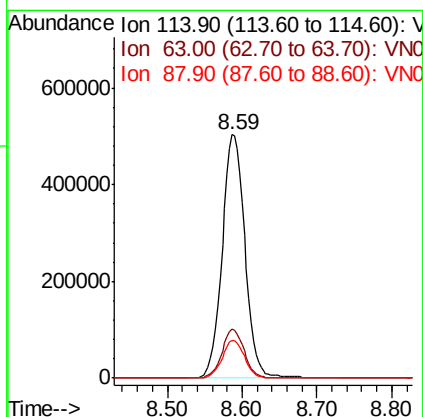
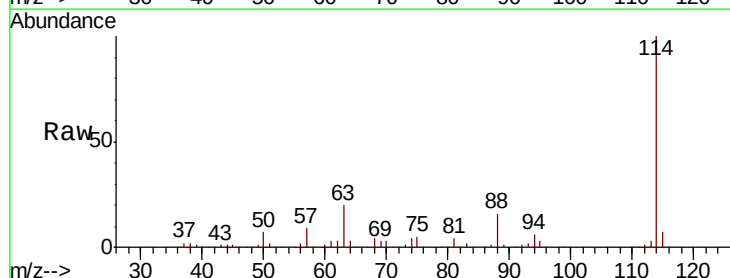
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#07

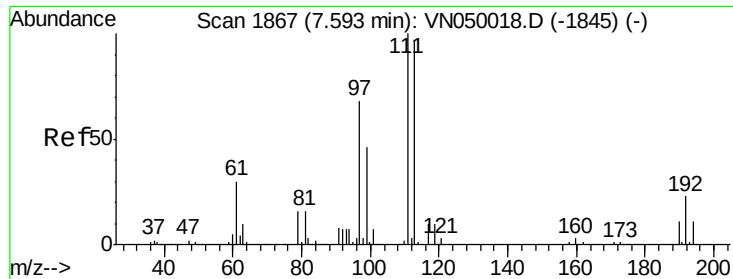
Tot Ion: 65 Resp: 453762
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050231.D
 Acq: 31 Jul 2018 21:55

Tgt Ion: 114 Resp: 1057738
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.6 0.0 31.2

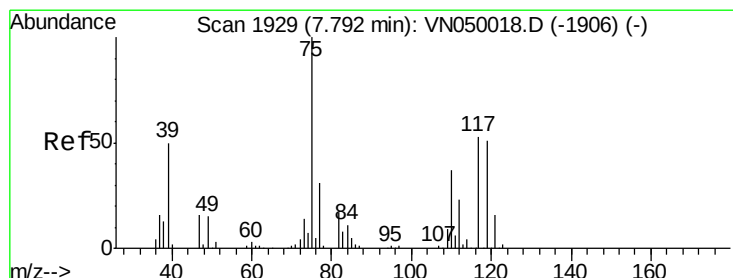
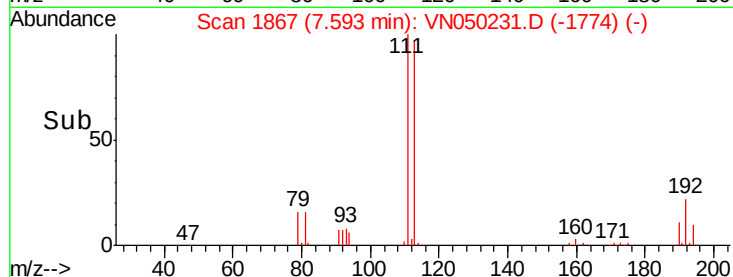
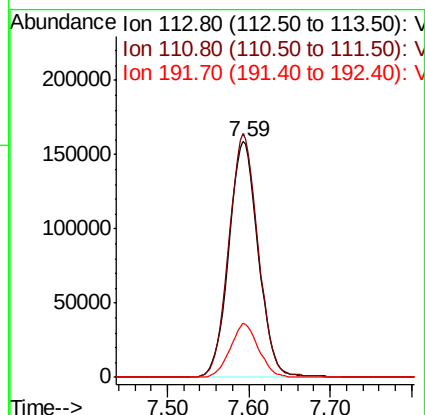
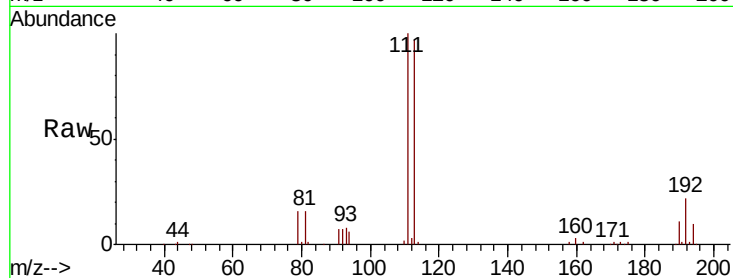




#35
Dibromofluoromethane
Concen: 46.50 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

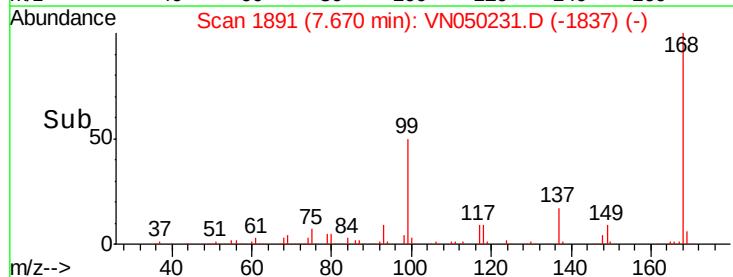
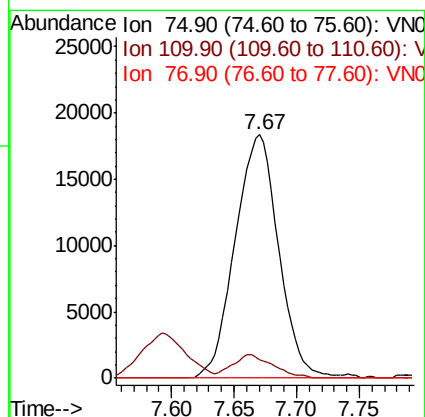
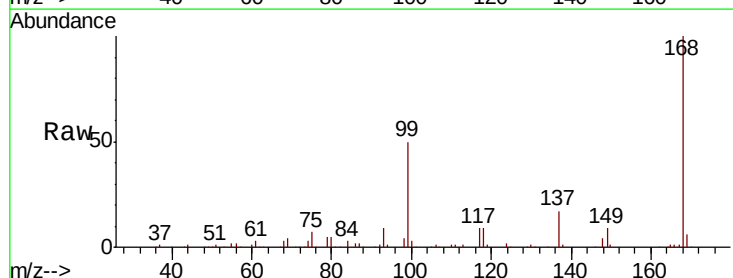
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ClientSampleId :
PB111613ZHE#07

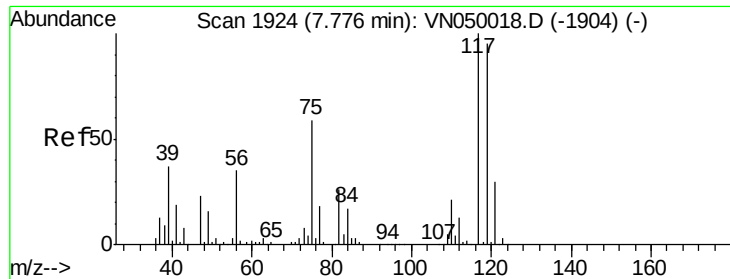
Tot Ion:113 Resp: 401608
Ion Ratio Lower Upper
113 100
111 102.8 80.7 121.1
192 22.0 17.8 26.6



#36
1,1-Dichloropropene
Concen: 3.72 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.13 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

Tgt Ion: 75 Resp: 44379
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.60 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#07

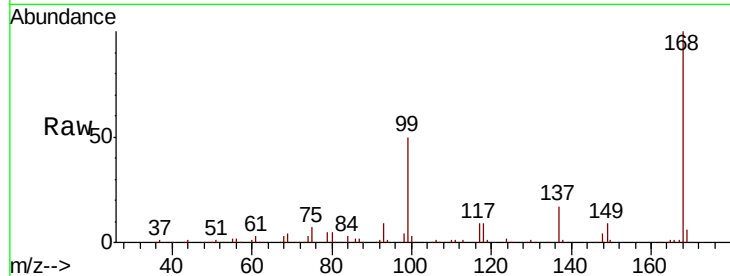
Tot Ion:117 Resp: 58208

Ion Ratio Lower Upper

117 100

119 6.7 77.4 116.0#

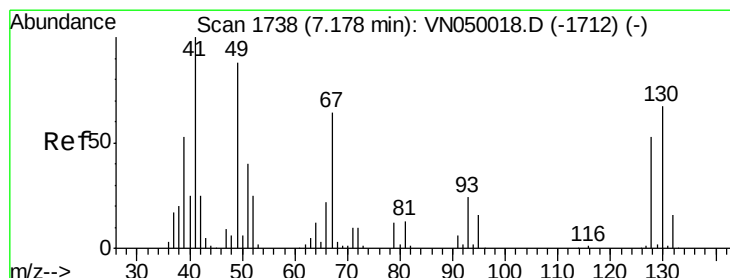
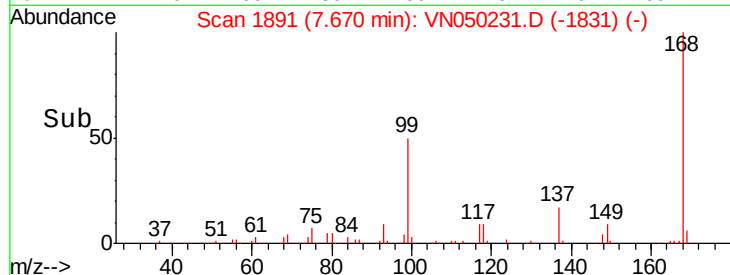
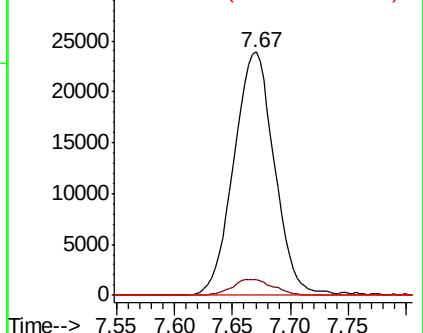
121 0.0 23.9 35.9#



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: 2.76 ug/l

RT: 7.19 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Tgt Ion: 41 Resp: 74

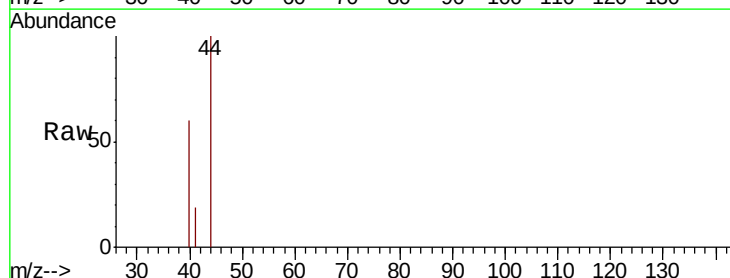
Ion Ratio Lower Upper

41 100

39 127.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

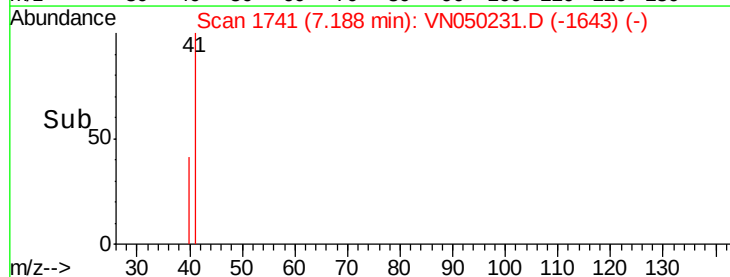
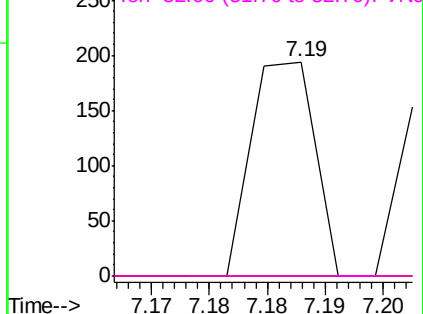


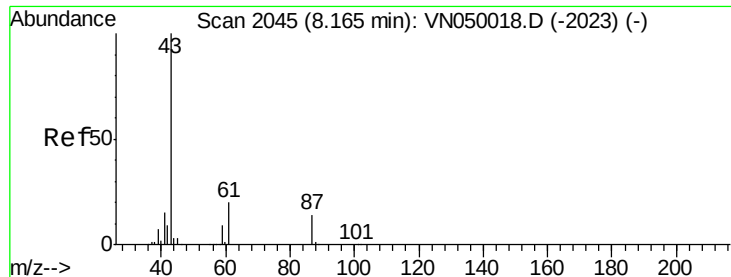
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V



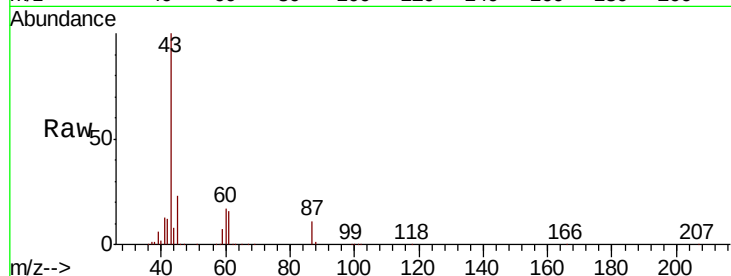


#43

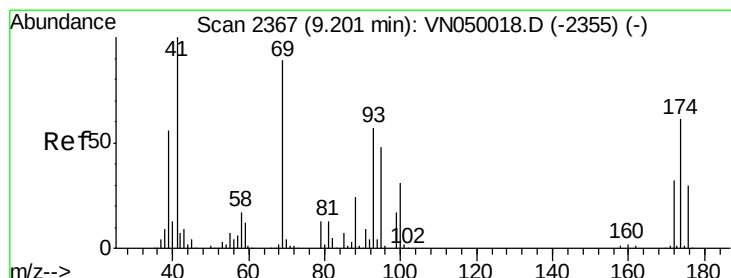
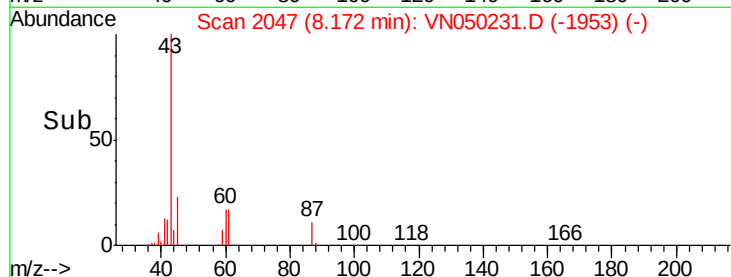
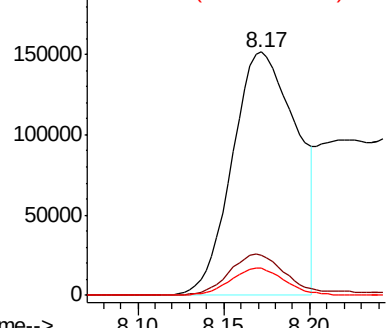
Isopropyl Acetate
 Concen: 24.57 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050231.D
 Acq: 31 Jul 2018 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#07

Tot Ion: 43 Resp: 393810
 Ion Ratio Lower Upper
 43 100
 61 15.5 15.8 23.6#
 87 9.5 10.3 15.5#



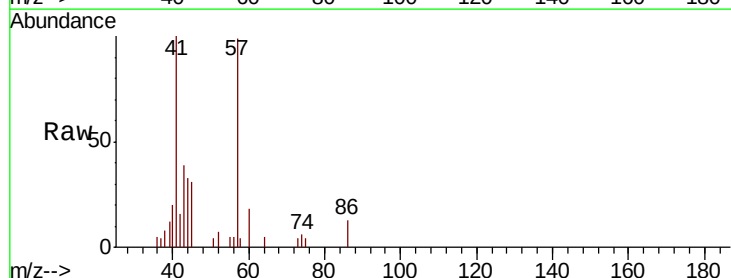
Abundance Ion 43.00 (42.70 to 43.70): VNC
 Ion 61.00 (60.70 to 61.70): VNC
 Ion 87.00 (86.70 to 87.70): VNC



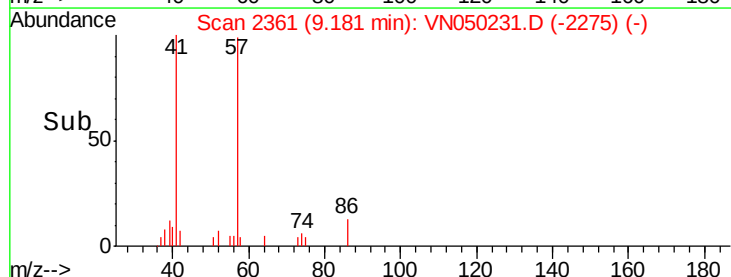
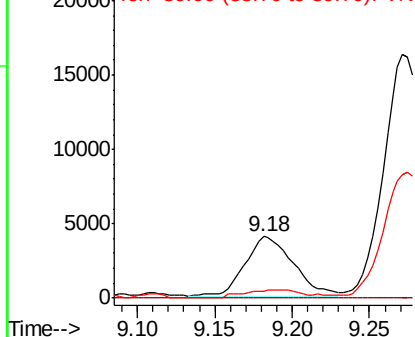
#48

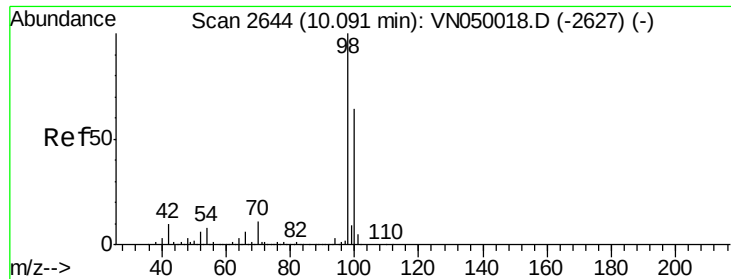
Methyl methacrylate
 Concen: 1.20 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN050231.D
 Acq: 31 Jul 2018 21:55

Tgt Ion: 41 Resp: 8592
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.6 105.8#
 39 17.4 43.9 65.9#



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





#50

Toluene-d8

Concen: 44.70 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

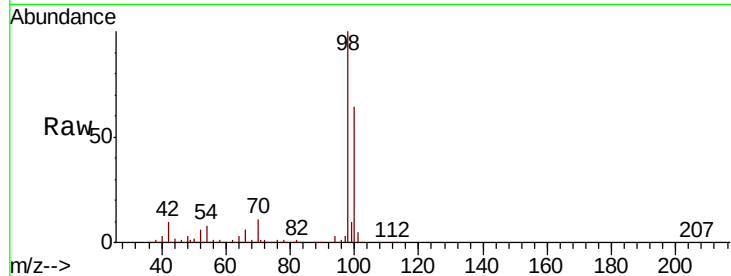
PB111613ZHE#07

Tot Ion: 98 Resp: 1419281

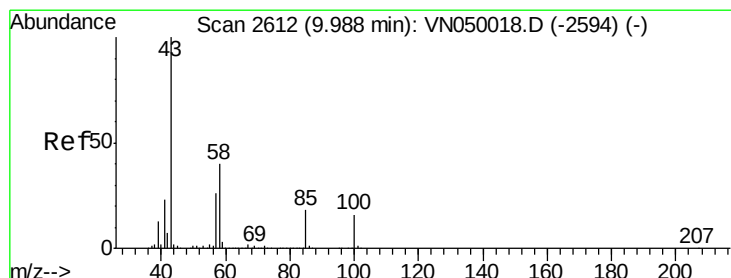
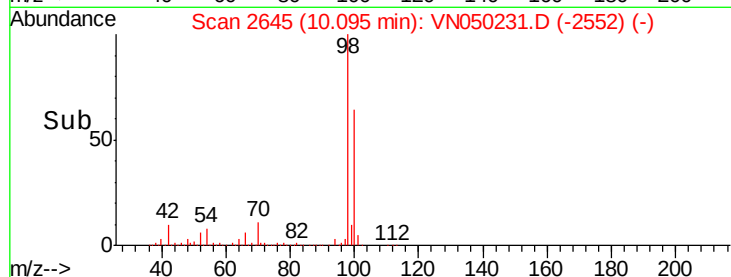
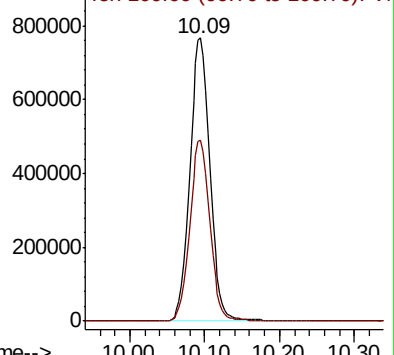
Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.23 ug/l

RT: 9.99 min Scan# 2614

Delta R.T. 0.01 min

Lab File: VN050231.D

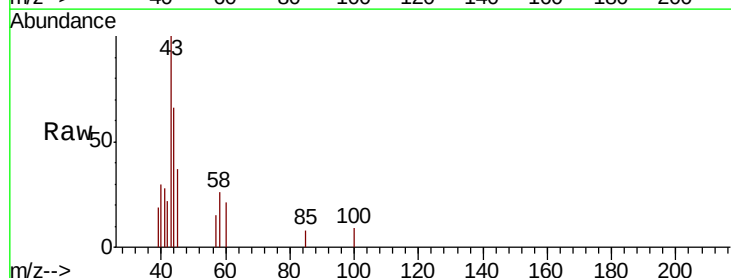
Acq: 31 Jul 2018 21:55

Tgt Ion: 43 Resp: 1905

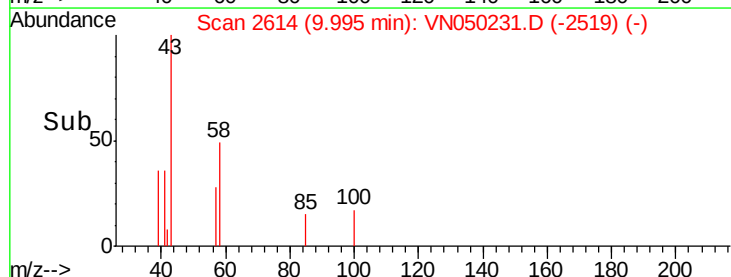
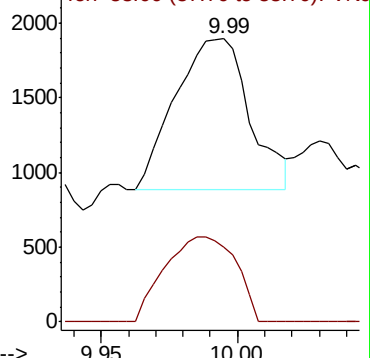
Ion Ratio Lower Upper

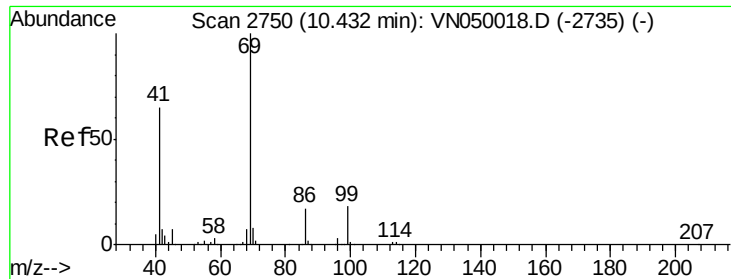
43 100

58 54.1 31.9 47.9#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2594) (-)





#56

Ethyl methacrylate

Concen: 2.24 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.21 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#07

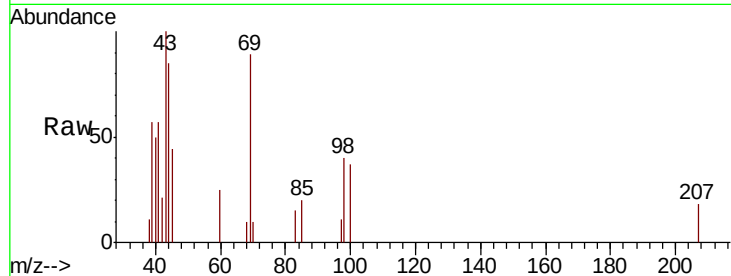
Tot Ion: 69 Resp: 2558

Ion Ratio Lower Upper

69 100

41 60.0 51.0 76.4

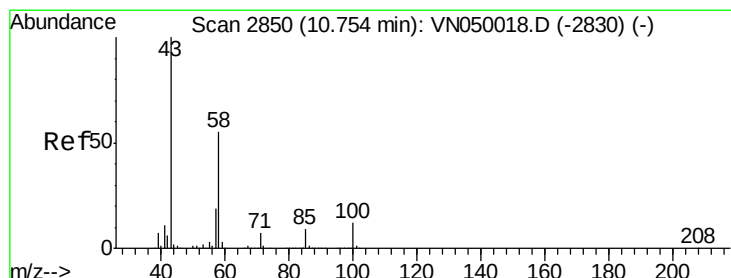
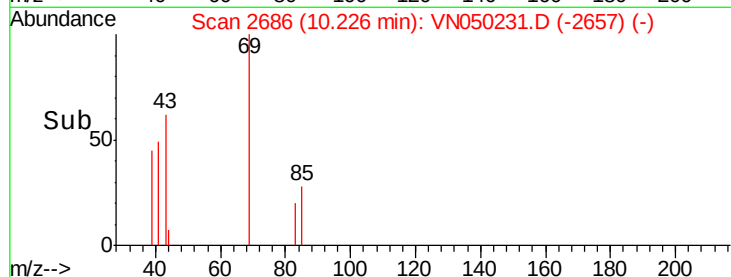
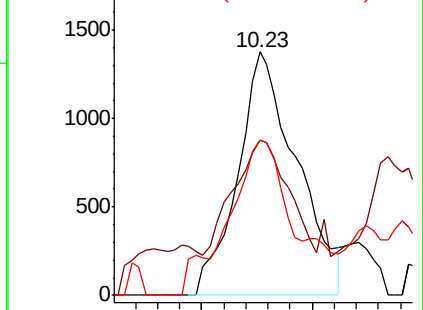
39 72.6 26.6 40.0#



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: 8.72 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN050231.D

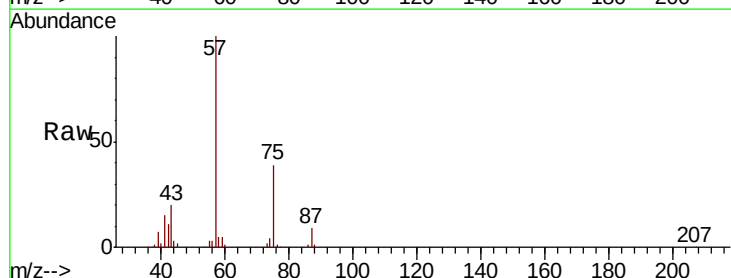
Acq: 31 Jul 2018 21:55

Tgt Ion: 43 Resp: 21748

Ion Ratio Lower Upper

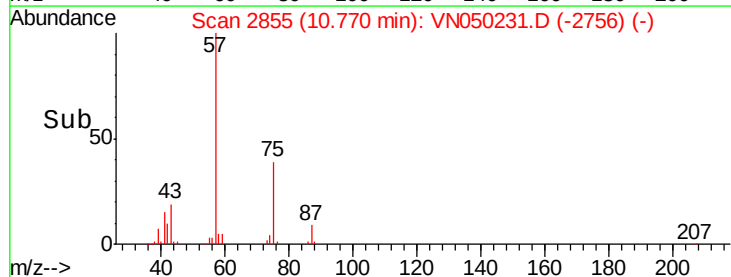
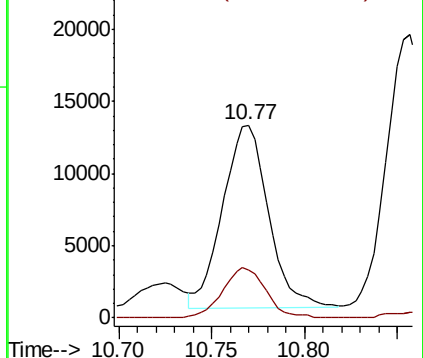
43 100

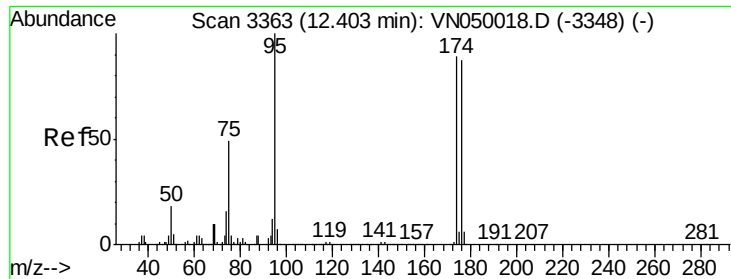
58 25.8 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.81 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#07

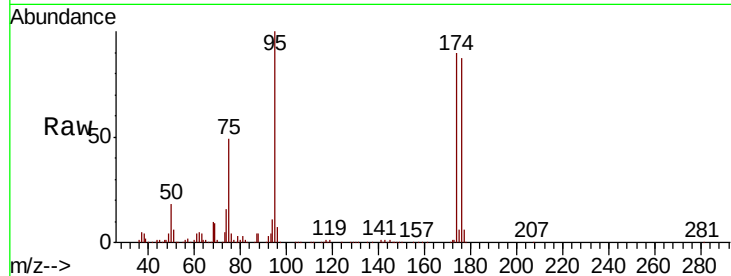
Tot Ion: 95 Resp: 384838

Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.2

176 87.0 0.0 173.4

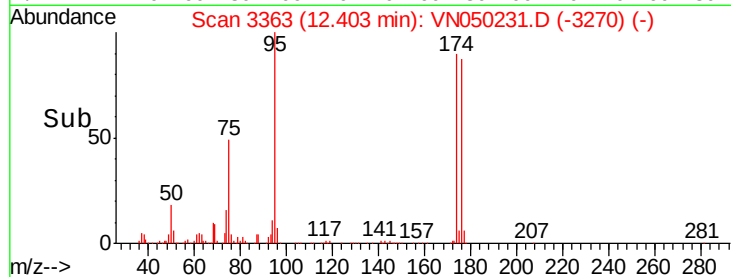


Abundance Ion 94.90 (94.60 to 95.60): VN050231.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050231.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050231.D (-3270) (-)

Time-->



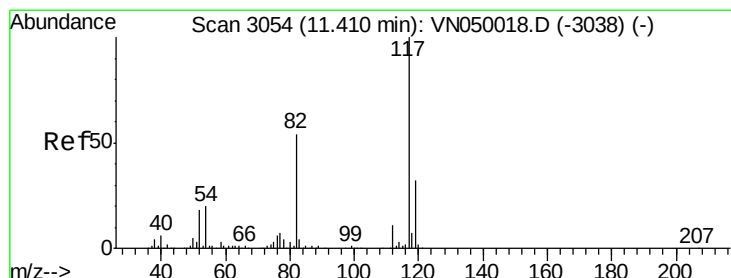
Abundance

Ion 94.90 (94.60 to 95.60): VN050231.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050231.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050231.D (-3270) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

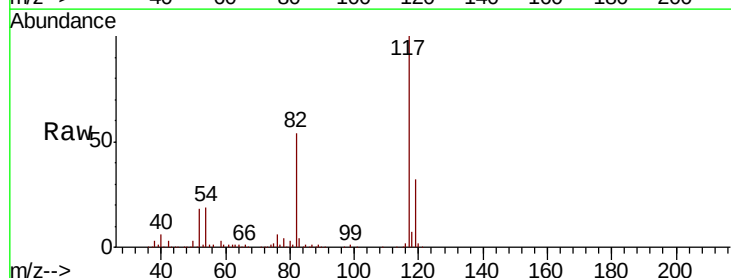
Tgt Ion: 117 Resp: 890666

Ion Ratio Lower Upper

117 100

82 53.7 43.7 65.5

119 31.5 26.1 39.1

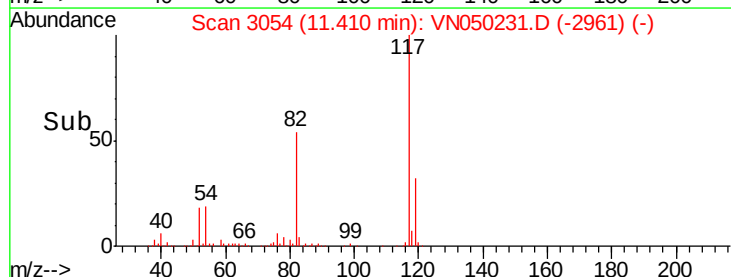


Abundance Ion 116.90 (116.60 to 117.60): VN050231.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050231.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050231.D (-2961) (-)

Time-->



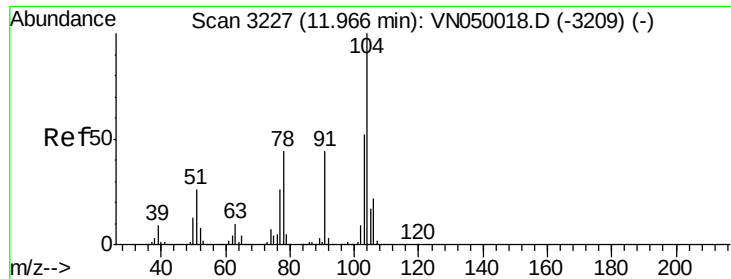
Abundance

Ion 116.90 (116.60 to 117.60): VN050231.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050231.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050231.D (-2961) (-)

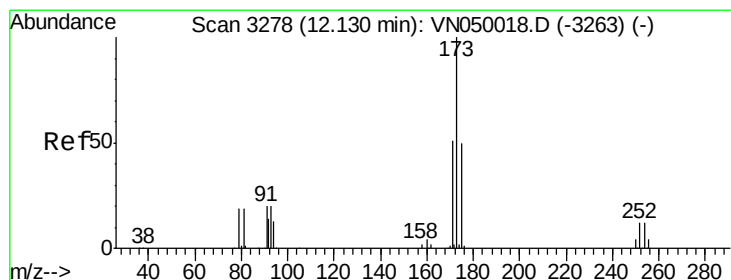
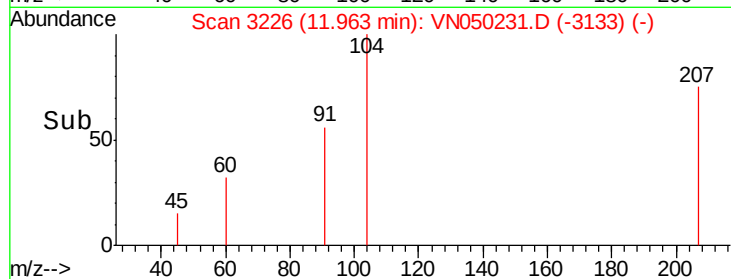
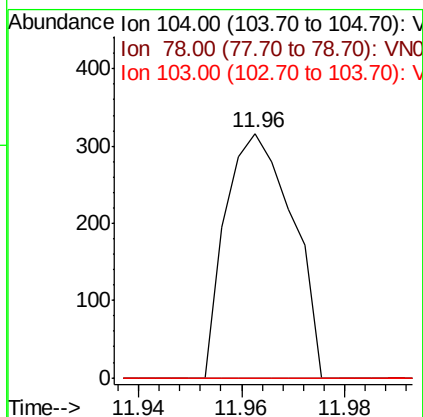
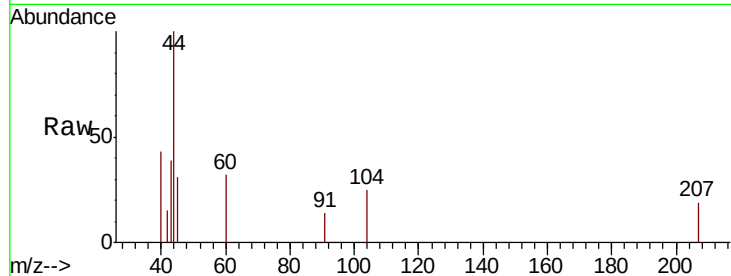
Time-->



#70
Stvrene
Concen: 0.94 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

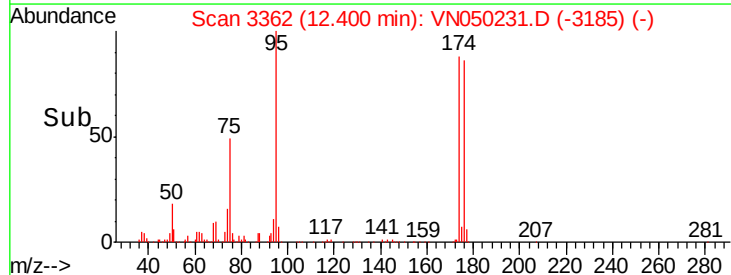
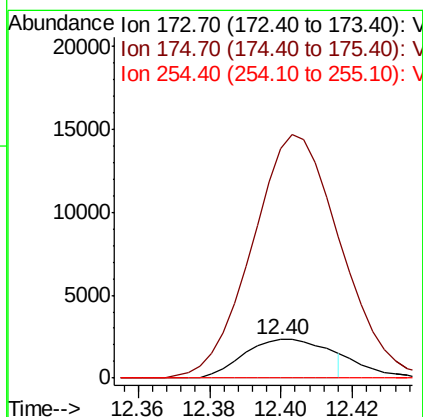
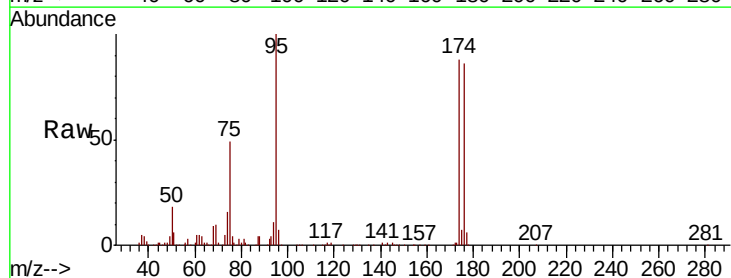
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#07

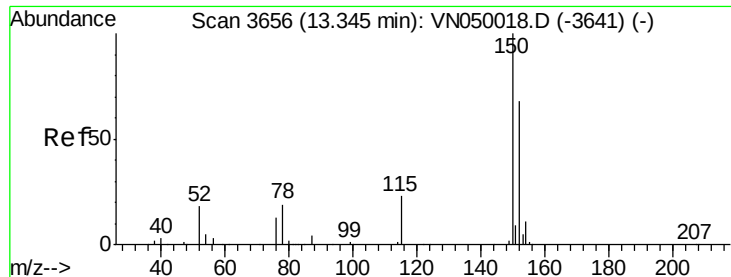
Tot Ion:104 Resp: 283
Ion Ratio Lower Upper
104 100
78 0.0 39.3 58.9#
103 0.0 45.0 67.6#



#71
Bromoform
Concen: 0.60 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.27 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

Tgt Ion:173 Resp: 3761
Ion Ratio Lower Upper
173 100
175 579.9 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#07

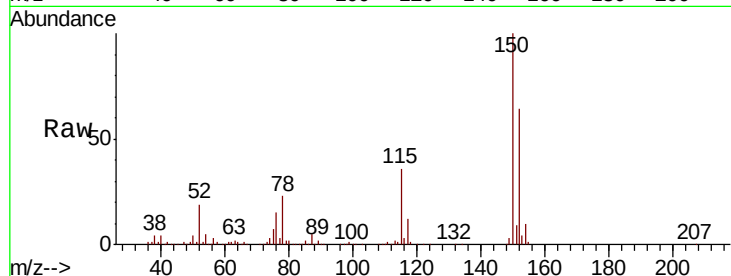
Tot Ion:152 Resp: 306775

Ion Ratio Lower Upper

152 100

115 56.5 27.8 83.3

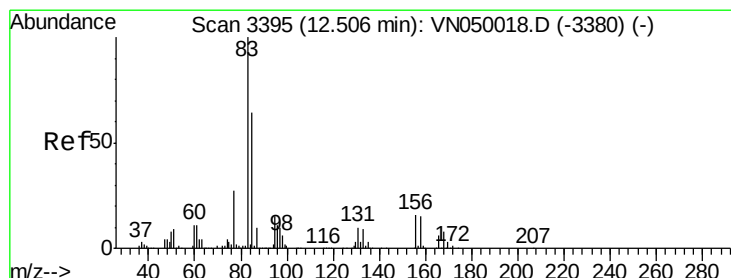
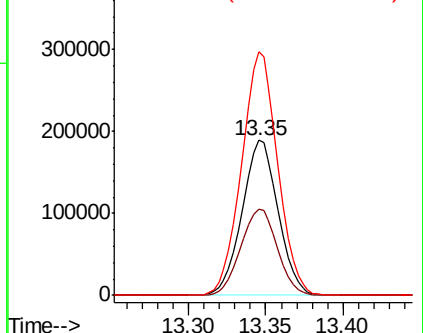
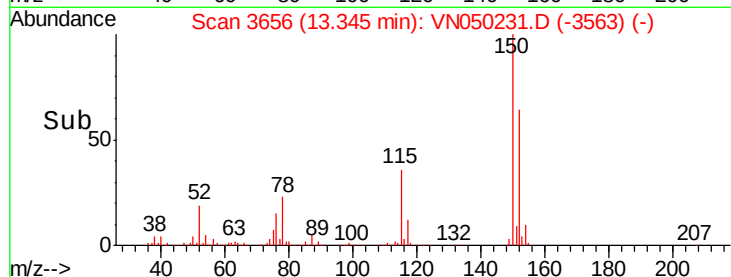
150 157.0 0.0 348.6



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: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

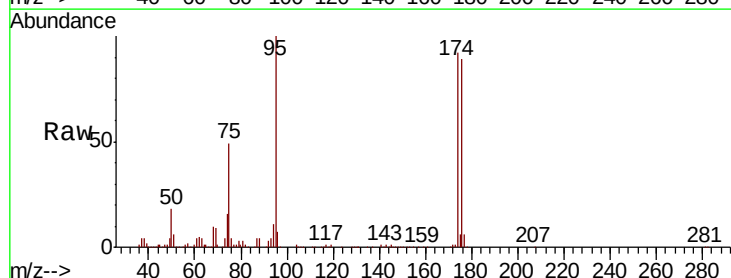
Tgt Ion: 83 Resp: 271

Ion Ratio Lower Upper

83 100

131 167.9 5.1 15.3#

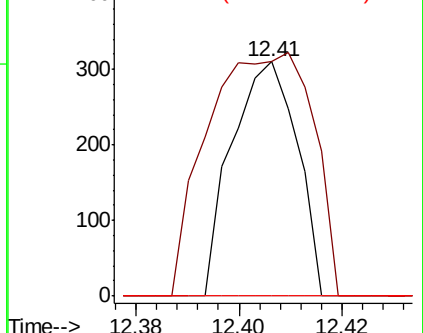
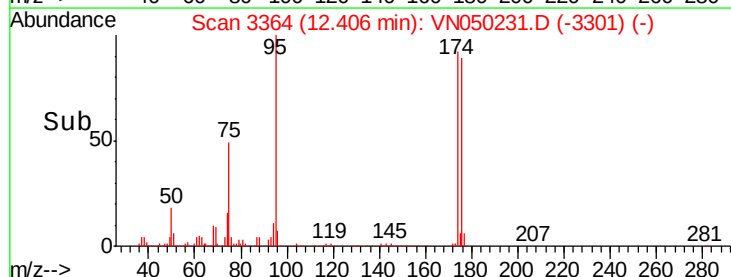
85 0.0 32.3 96.8#

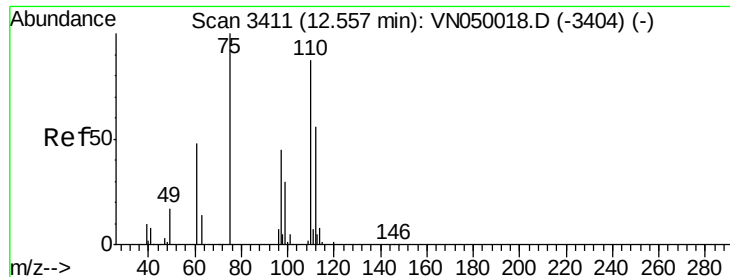


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 32.71 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

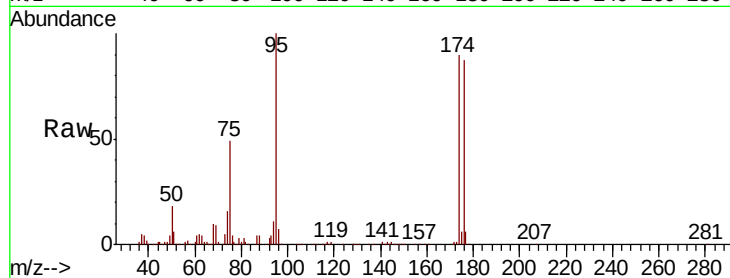
PB111613ZHE#07

Tot Ion: 75 Resp: 186463

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3404) (-)

Ion 77.00 (76.70 to 77.70): VN050018.D (-3404) (-)

12.40

100000

80000

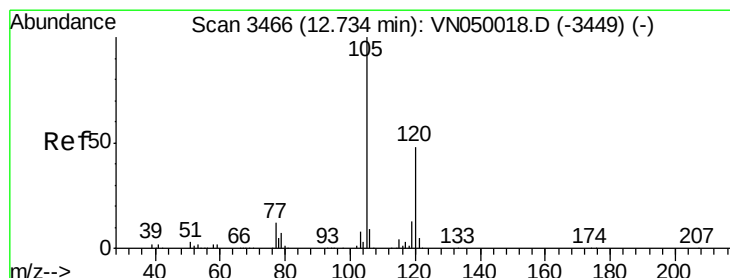
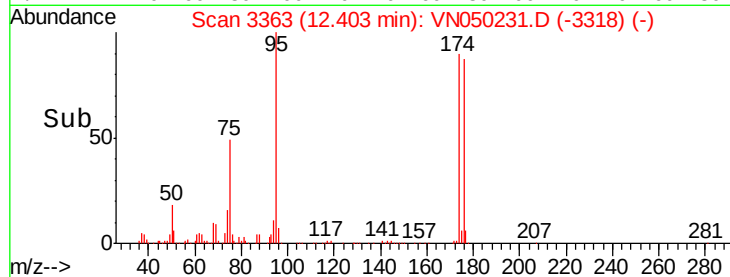
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.26 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN050231.D

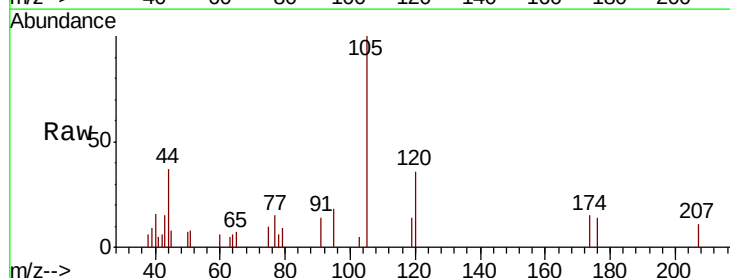
Acq: 31 Jul 2018 21:55

Tgt Ion: 105 Resp: 4869

Ion Ratio Lower Upper

105 100

120 41.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050018.D (-3449) (-)

Ion 120.00 (119.70 to 120.70): VN050018.D (-3449) (-)

12.74

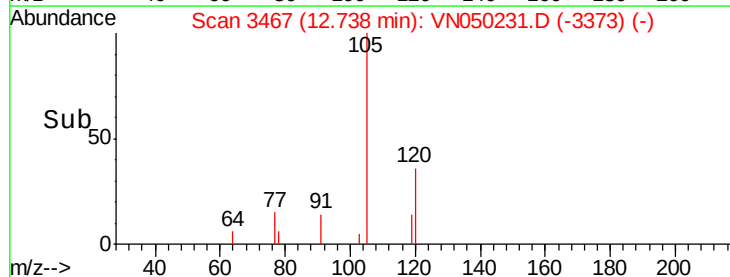
3000

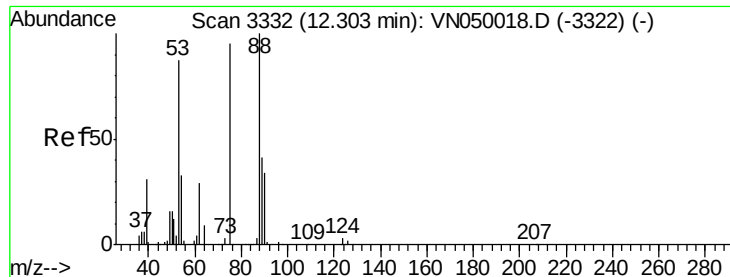
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 103.74 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#07

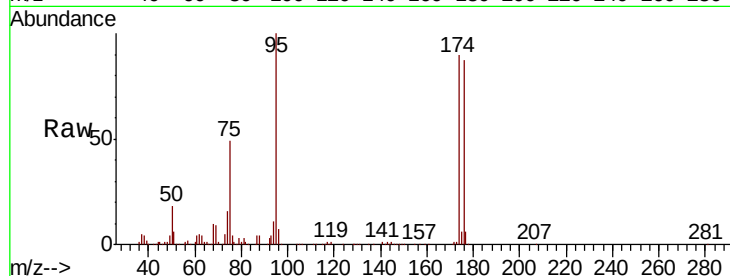
Tot Ion: 75 Resp: 186463

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

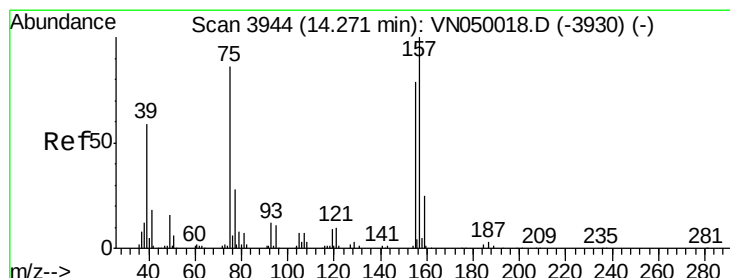
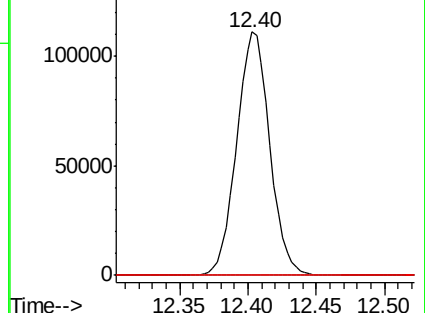
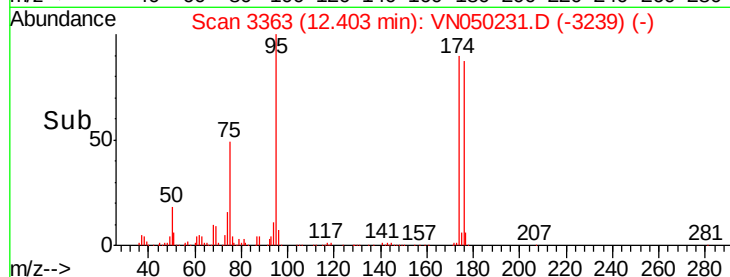
89 0.0 36.0 54.0#



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: 14.25 min Scan# 3937

Delta R.T. -0.02 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

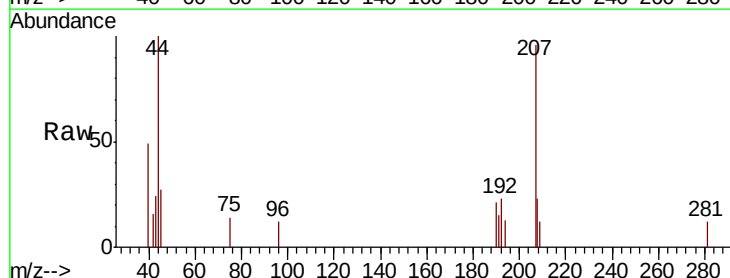
Tgt Ion: 75 Resp: 102

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

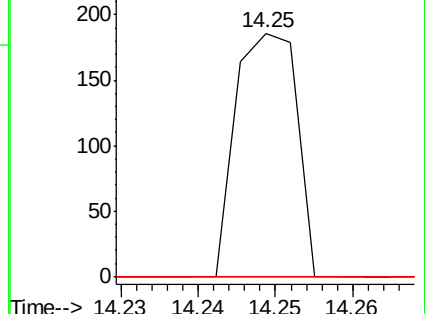
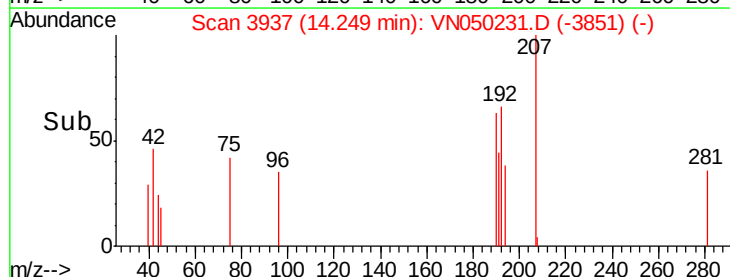
157 0.0 57.2 171.6#

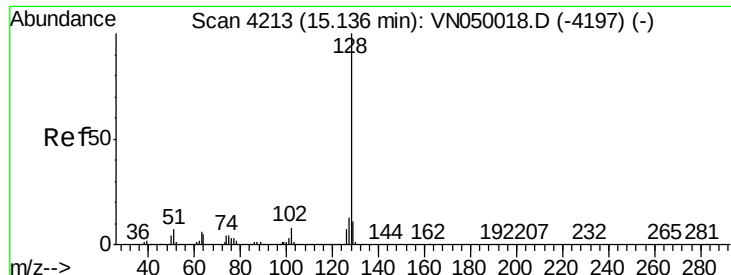


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 4.54 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#07

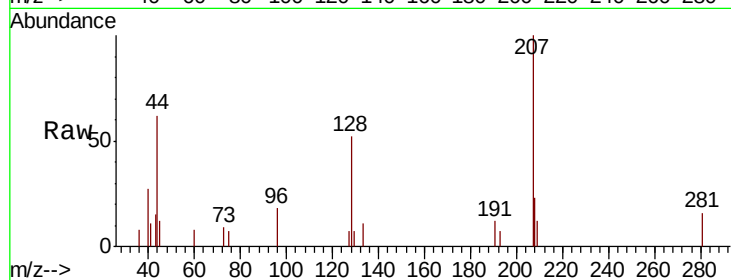
Tot Ion:128 Resp: 1986

Ion Ratio Lower Upper

128 100

127 9.8 10.4 15.6#

129 6.4 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

