

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050321.D
 Acq On : 3 Aug 2018 18:42
 Operator : MD\SY
 Sample : PB111719ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#06

Quant Time: Aug 03 23:29:22 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	686869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1151190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	977293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	401041	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	496450	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.59	113	428789	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
50) Toluene-d8	10.09	98	1548389	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
62) 4-Bromofluorobenzene	12.40	95	445169	39.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.24%	

Target Compounds

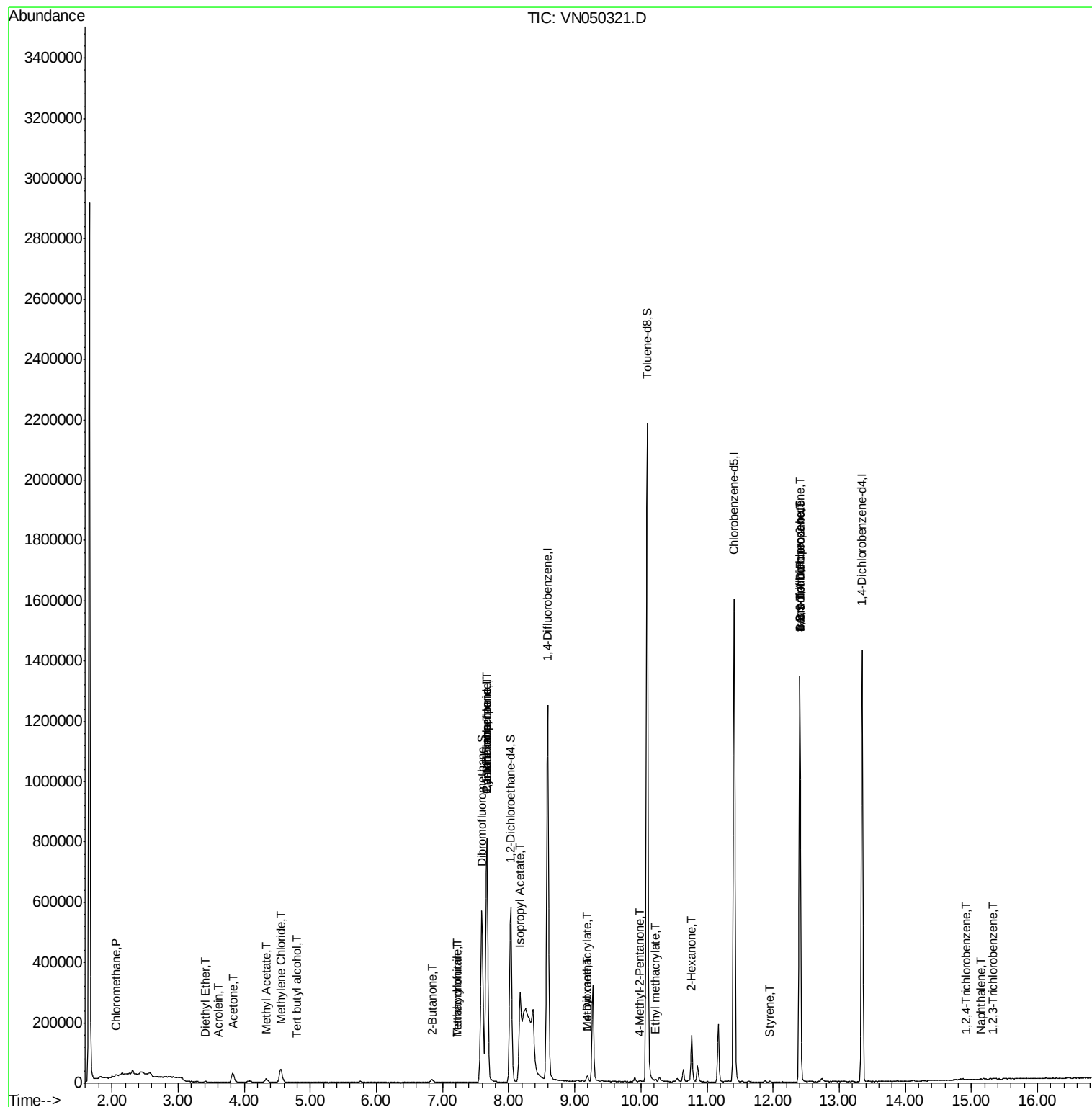
						Qvalue
3) Chloromethane	2.06	50	3910	0.36	ug/l	96
5) Bromomethane	2.57	94	4470	Below	Cal	95
8) Diethyl Ether	3.41	74	1047	0.21	ug/l	66
11) Tert butyl alcohol	4.81	59	415	0.59	ug/l #	72
13) Acrolein	3.61	56	919	1.62	ug/l #	65
16) Acetone	3.83	43	54719	20.25	ug/l	97
18) Methyl Acetate	4.34	43	21314	0.82	ug/l	99
20) Methylene Chloride	4.55	84	35287	2.97	ug/l	95
25) 2-Butanone	6.84	43	3250	0.89	ug/l	95
29) Tetrahydrofuran	7.23	42	2154	0.91	ug/l #	49
31) Cyclohexane	7.67	56	13173	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	47394	3.65	ug/l #	48
38) Carbon Tetrachloride	7.67	117	61996	4.50	ug/l #	16
41) Methacrylonitrile	7.23	41	1182	2.99	ug/l #	26
43) Isopropyl Acetate	8.17	43	370734	21.10	ug/l #	89
48) Methyl methacrylate	9.18	41	9114	1.17	ug/l #	25
49) 1,4-Dioxane	9.20	88	388	3.66	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3163	0.36	ug/l	93
56) Ethyl methacrylate	10.22	69	3452	2.30	ug/l	93
59) 2-Hexanone	10.77	43	21210	8.35	ug/l #	57
70) Styrene	11.96	104	226	0.93	ug/l #	49
71) Bromoform	12.41	173	4045	0.59	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.42	83	30	Below	Cal #	25
76) 1,2,3-Trichloropropane	12.40	75	217119	29.13	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	217119	92.40	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.91	180	302	3.12	ug/l #	69
95) Naphthalene	15.14	128	984	4.46	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.32	180	101	2.22	ug/l #	62

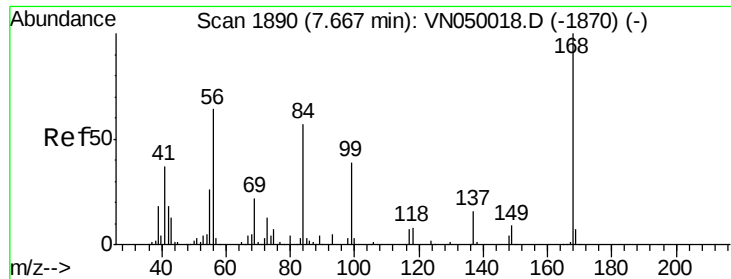
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

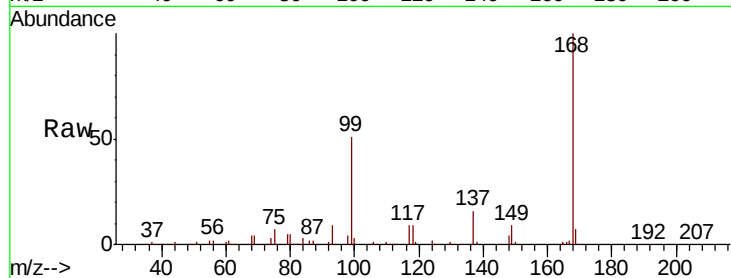
PB111719ZHE#06

Tot Ion:168 Resp: 686869

Ion Ratio Lower Upper

168 100

99 51.2 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

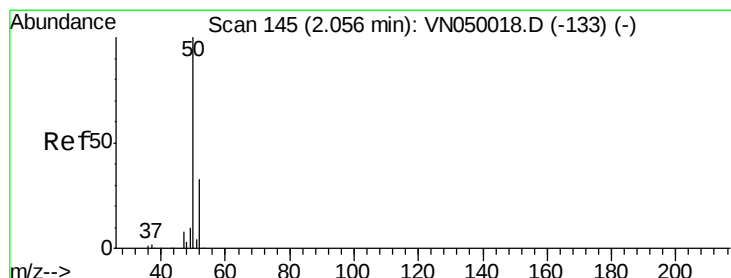
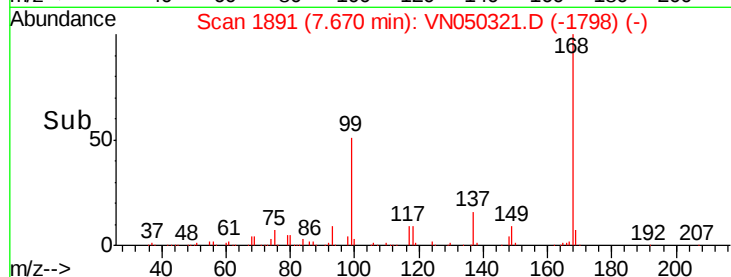
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.36 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050321.D

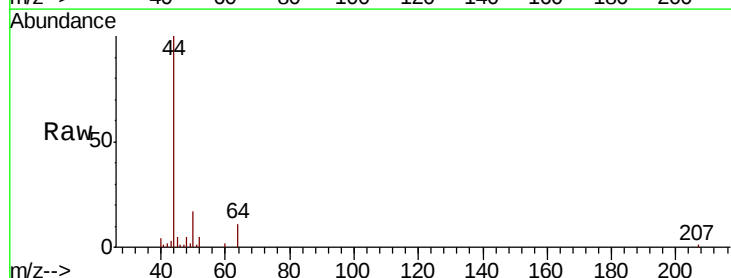
Acq: 3 Aug 2018 18:42

Tgt Ion: 50 Resp: 3910

Ion Ratio Lower Upper

50 100

52 30.2 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

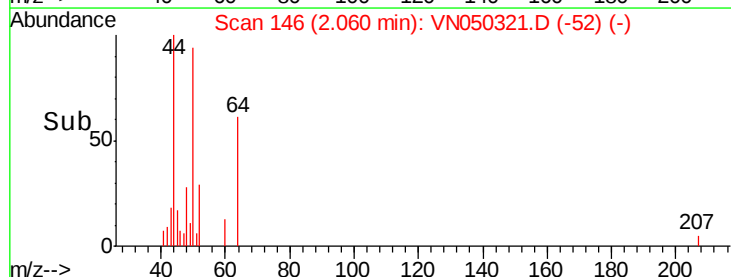
3000

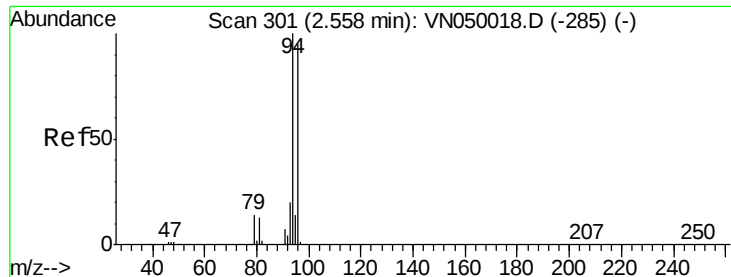
2000

1000

0

Time--> 2.05 2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

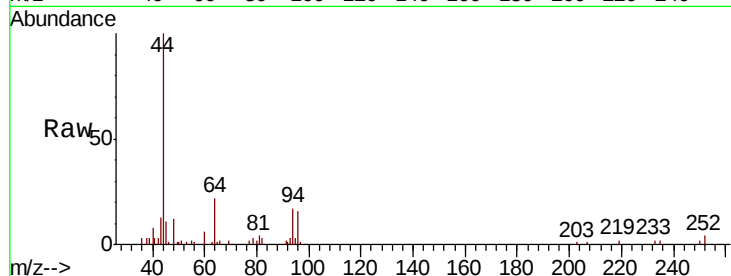
PB111719ZHE#06

Tot Ion: 94 Resp: 4470

Ion Ratio Lower Upper

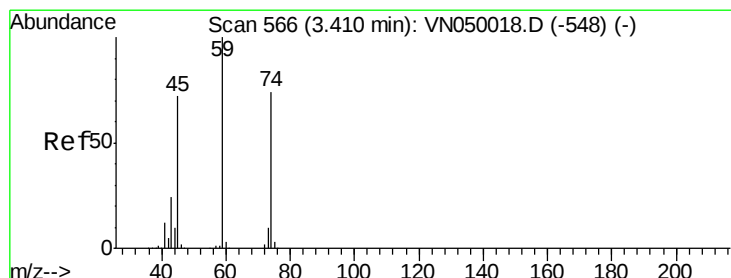
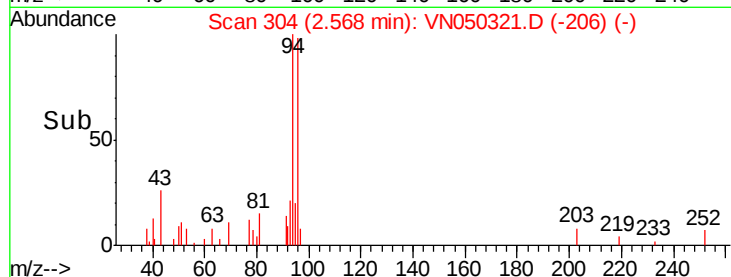
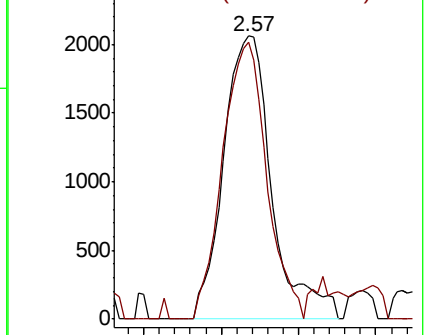
94 100

96 97.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.21 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN050321.D

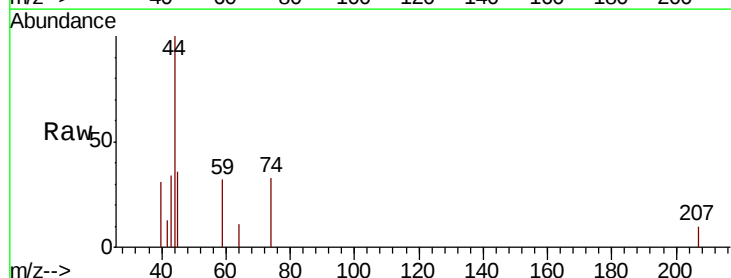
Acq: 3 Aug 2018 18:42

Tgt Ion: 74 Resp: 1047

Ion Ratio Lower Upper

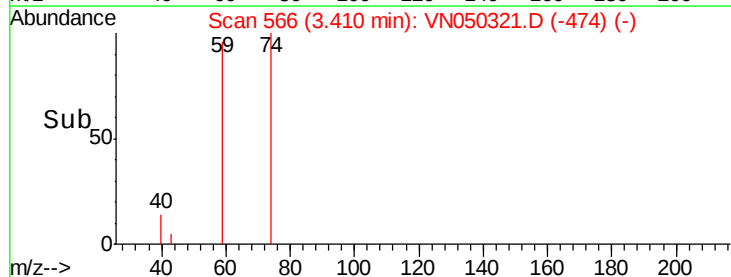
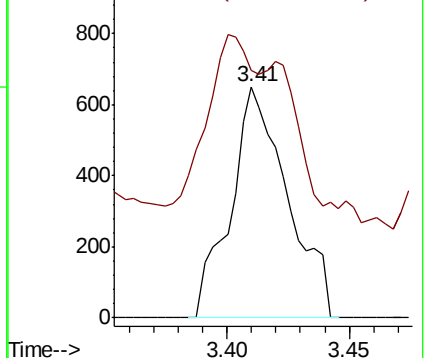
74 100

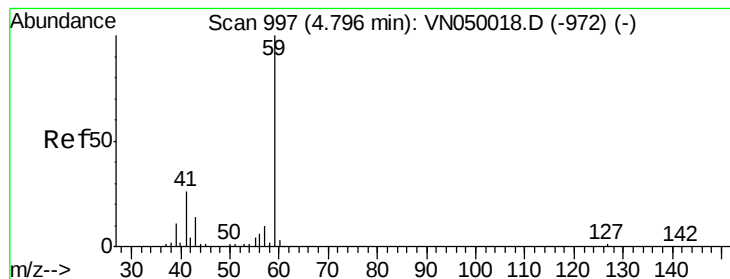
45 62.5 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#11

Tert butyl alcohol

Concen: 0.59 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

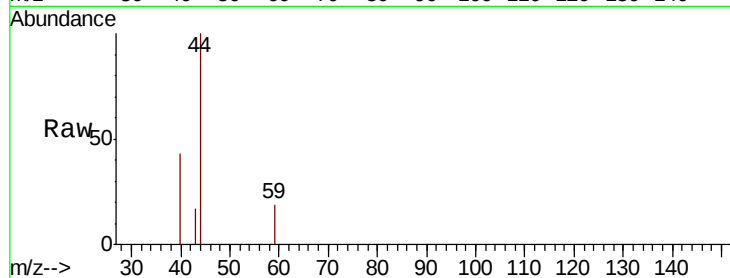
PB111719ZHE#06

Tot Ion: 59 Resp: 415

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.81

250

200

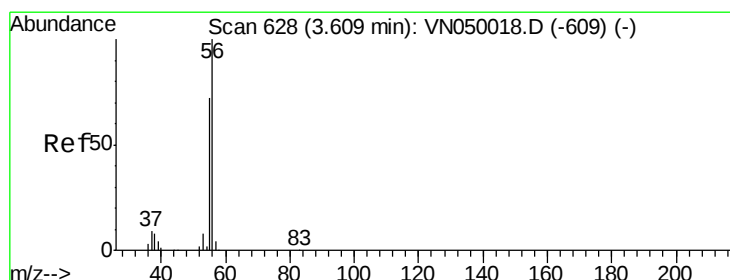
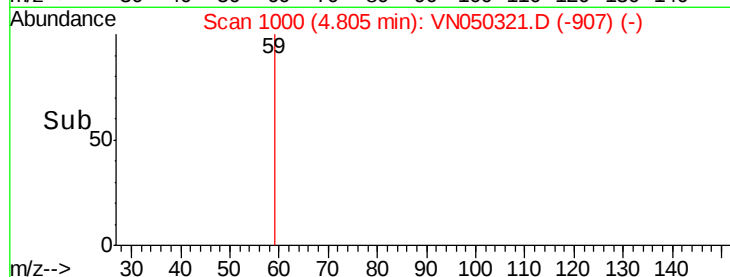
150

100

50

0

Time--> 4.76 4.78 4.80 4.82 4.84



#13

Acrolein

Concen: 1.62 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050321.D

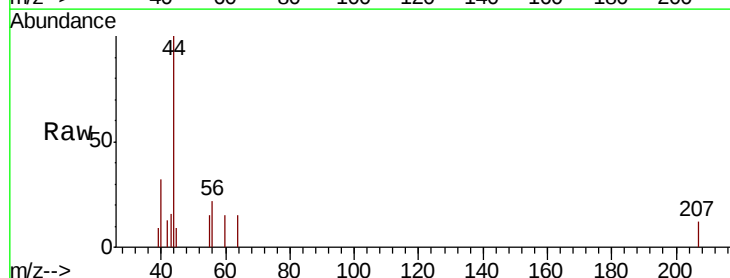
Acq: 3 Aug 2018 18:42

Tgt Ion: 56 Resp: 919

Ion Ratio Lower Upper

56 100

55 41.2 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

400

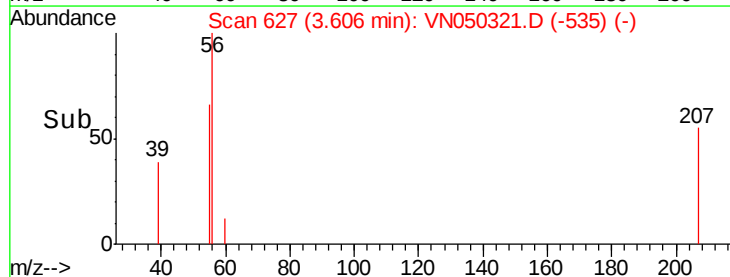
300

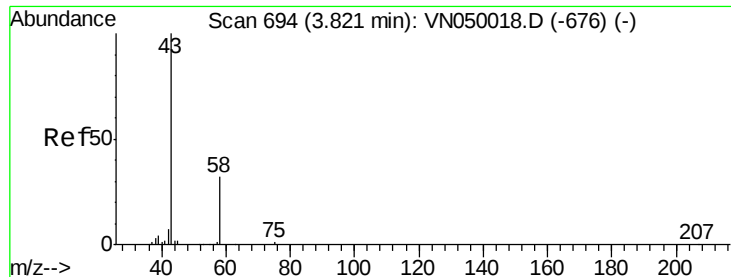
200

100

0

Time--> 3.55 3.60 3.65





#16

Acetone

Concen: 20.25 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

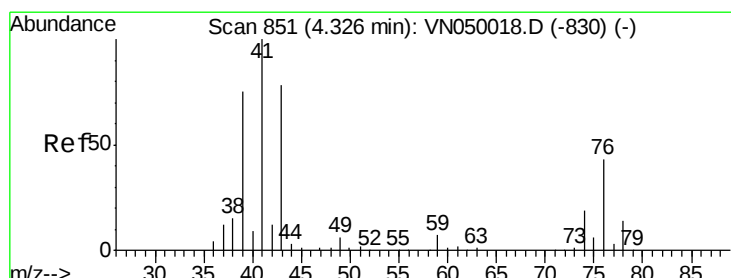
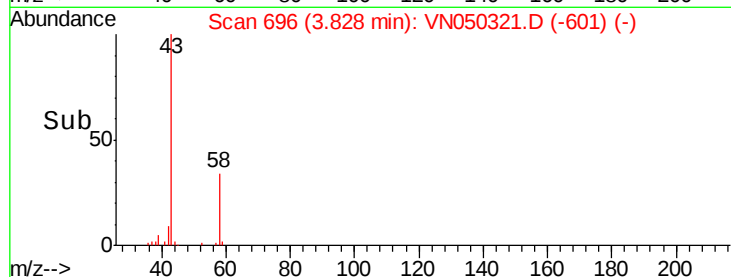
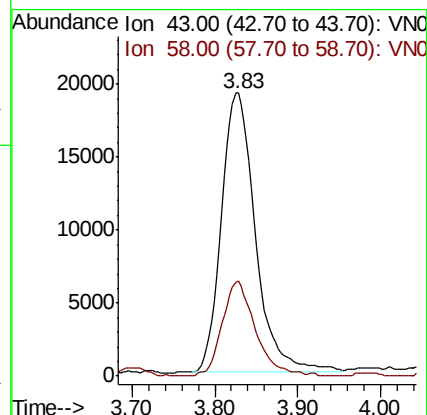
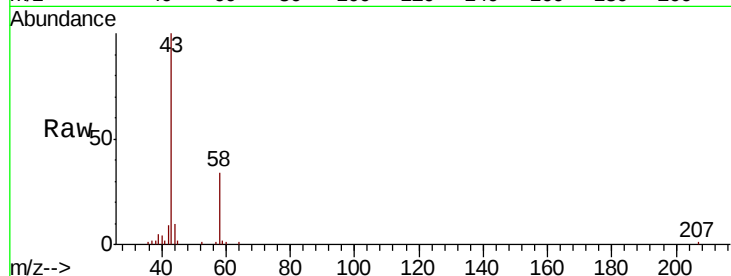
PB111719ZHE#06

Tot Ion: 43 Resp: 54719

Ion Ratio Lower Upper

43 100

58 34.1 25.8 38.8



#18

Methyl Acetate

Concen: 0.82 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050321.D

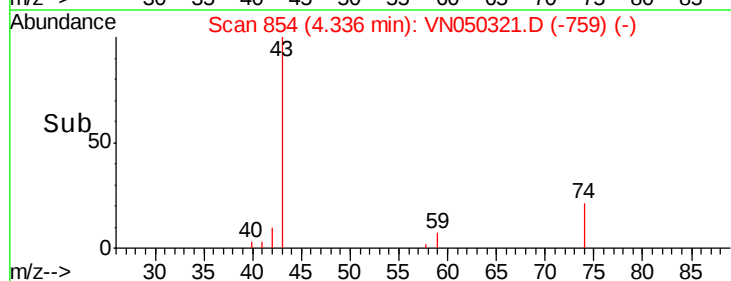
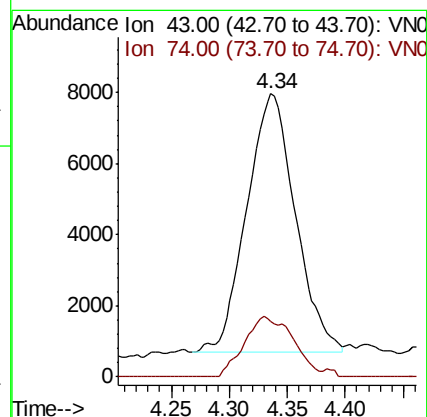
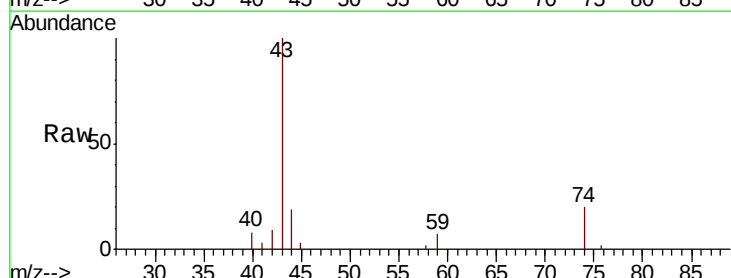
Acq: 3 Aug 2018 18:42

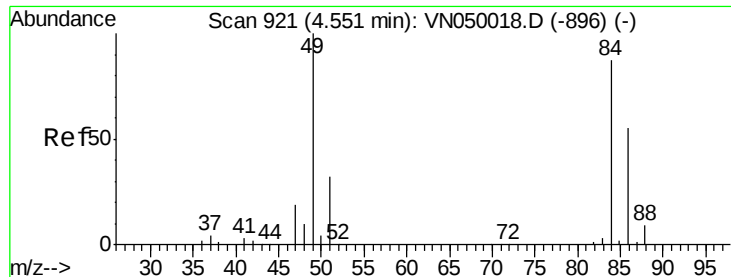
Tgt Ion: 43 Resp: 21314

Ion Ratio Lower Upper

43 100

74 23.3 19.2 28.8

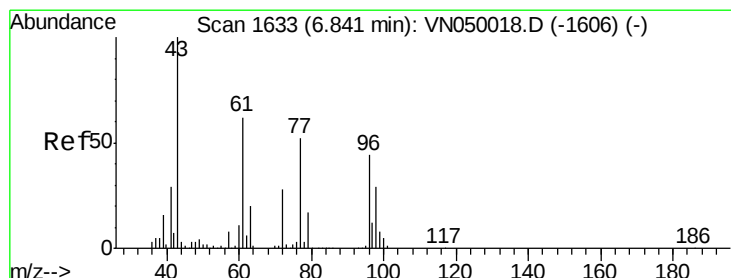
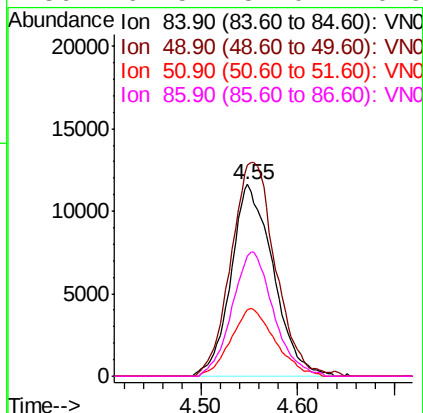
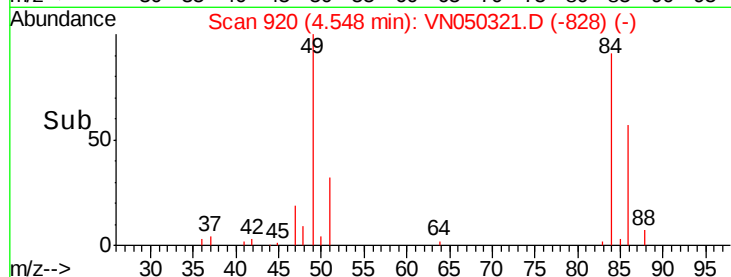
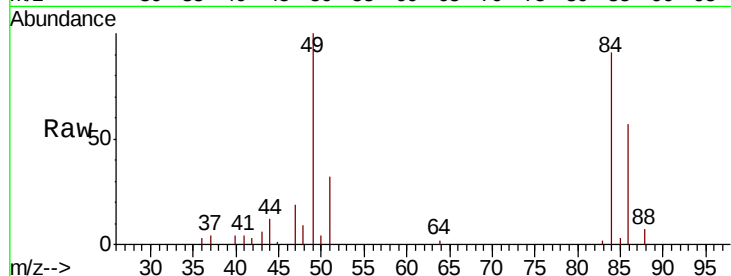




#20
Methvlene Chloride
Concen: 2.97 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050321.D
Acq: 3 Aug 2018 18:42

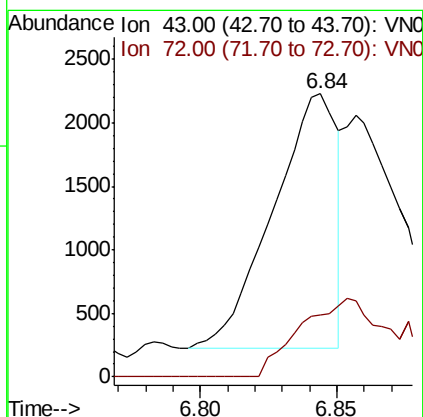
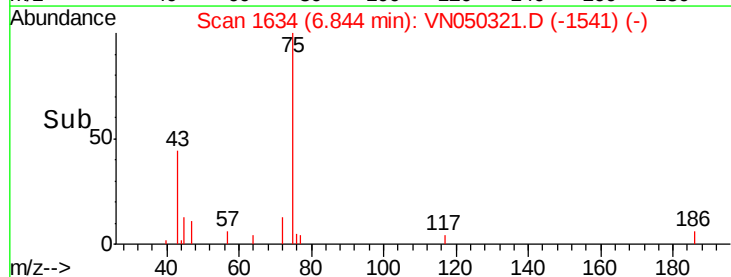
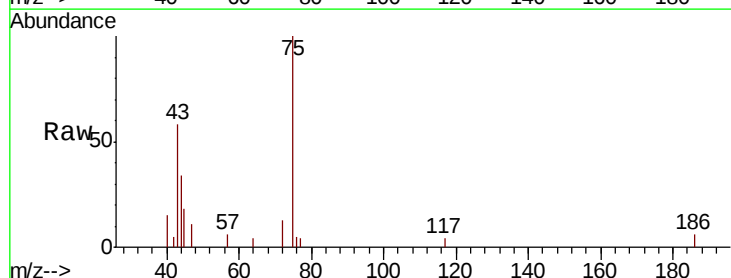
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#06

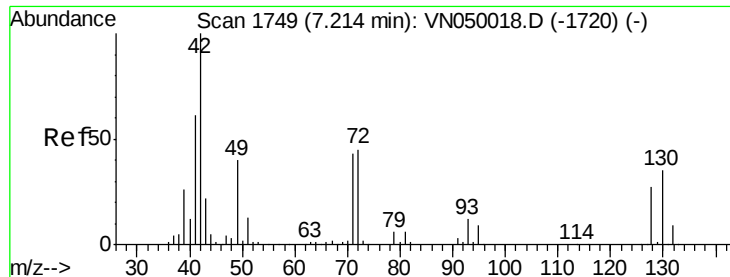
Tot Ion:	84	Resp:	35287
Ion	Ratio	Lower	Upper
84	100		
49	110.4	94.8	142.2
51	34.9	28.3	42.5
86	62.5	51.0	76.6



#25
2-Butanone
Concen: 0.89 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050321.D
Acq: 3 Aug 2018 18:42

Tgt Ion:	43	Resp:	3250
Ion	Ratio	Lower	Upper
43	100		
72	24.4	21.5	32.3





#29

Tetrahydrofuran

Concen: 0.91 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#06

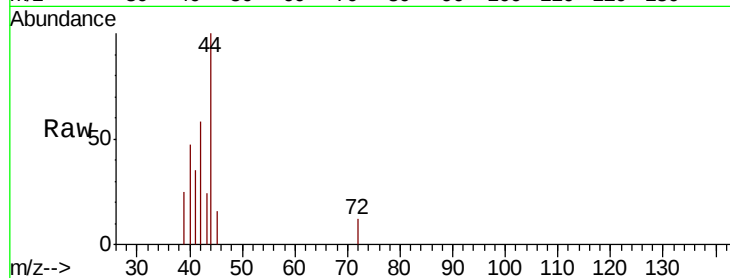
Tot Ion: 42 Resp: 2154

Ion Ratio Lower Upper

42 100

72 5.1 35.9 53.9#

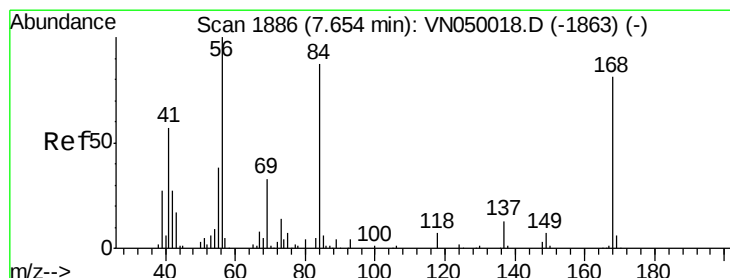
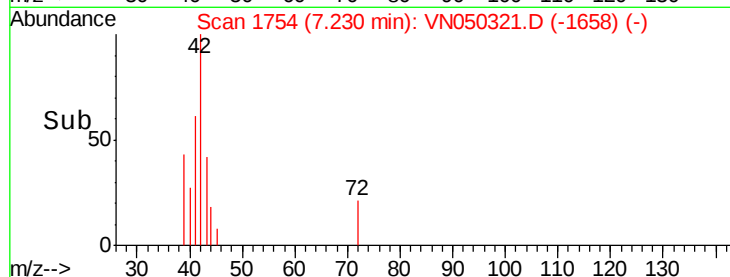
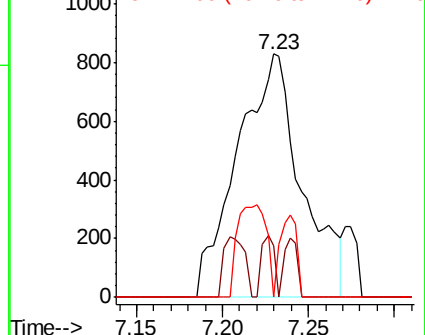
71 17.1 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.93 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

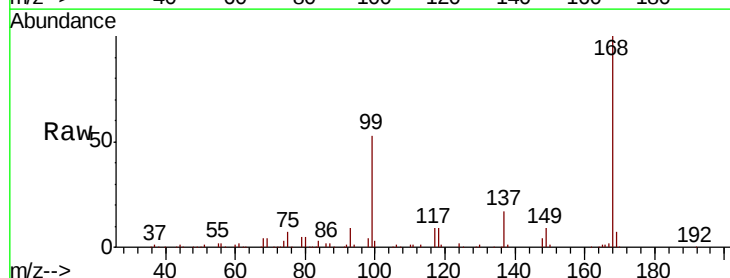
Tgt Ion: 56 Resp: 13173

Ion Ratio Lower Upper

56 100

69 187.2 26.2 39.4#

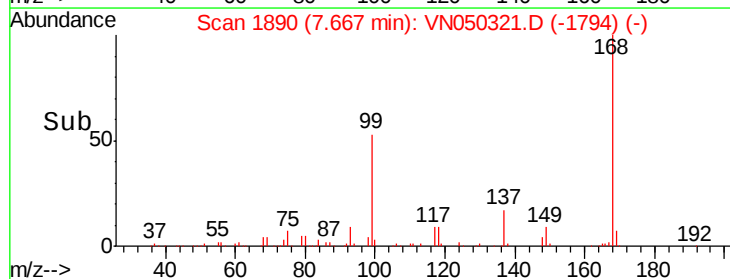
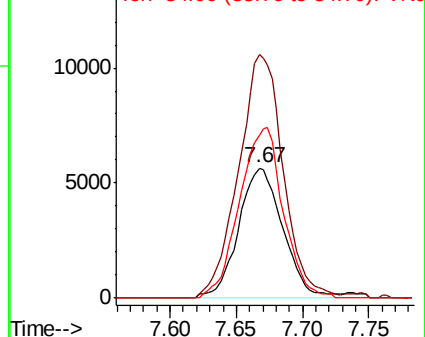
84 125.6 67.4 101.0#

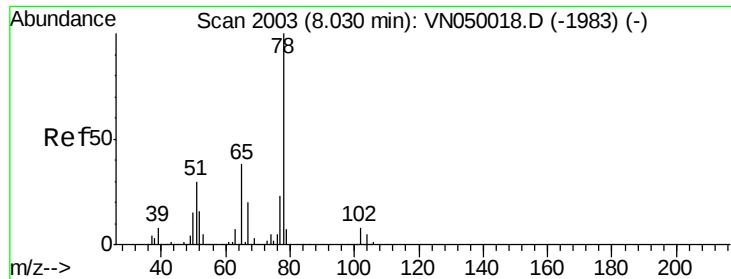


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

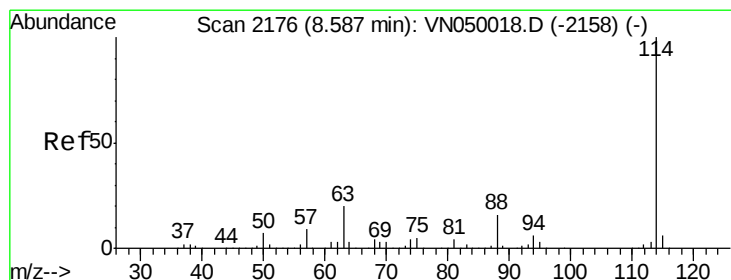
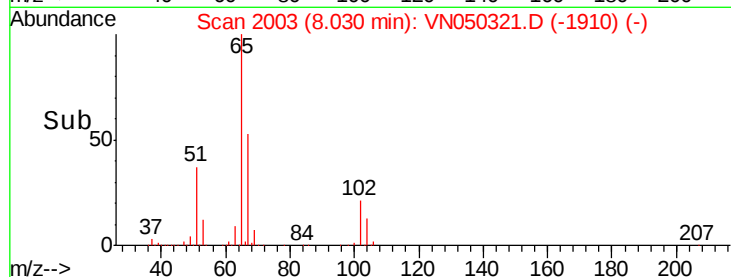
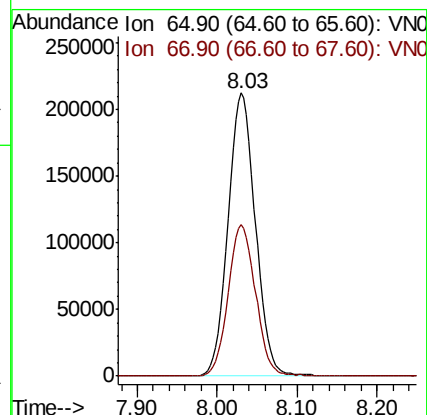
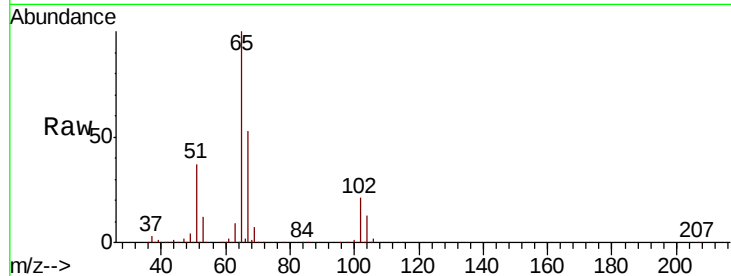




#33
 1,2-Dichloroethane-d4
 Concen: 51.80 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

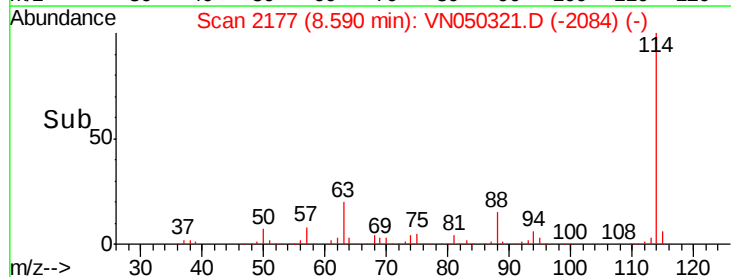
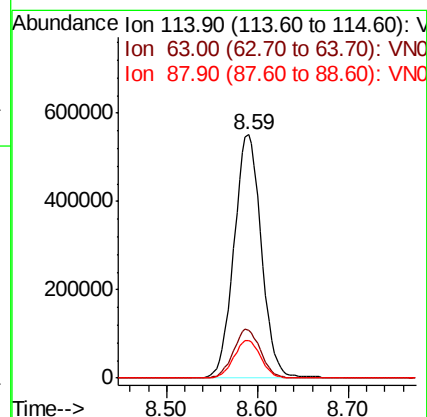
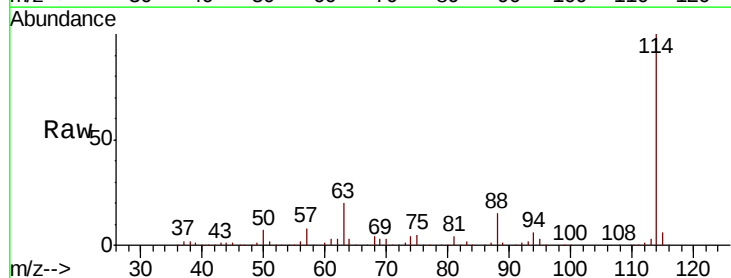
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#06

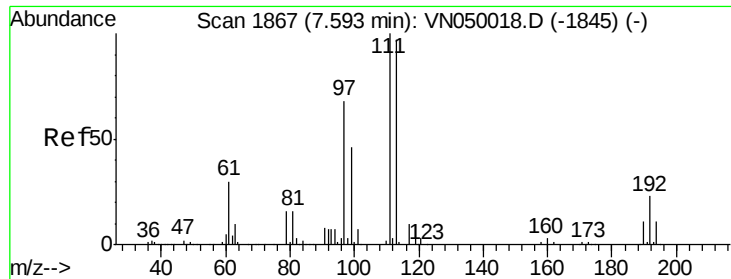
Tot Ion: 65 Resp: 496450
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

Tgt Ion: 114 Resp: 1151190
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.2 0.0 31.2

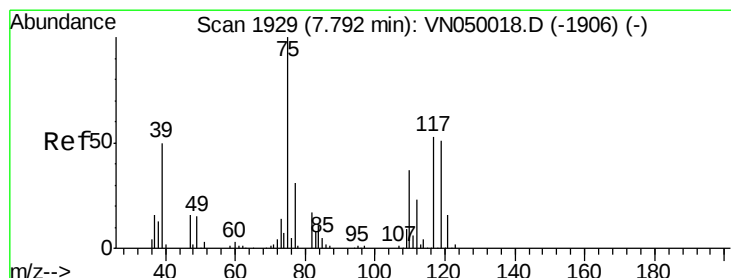
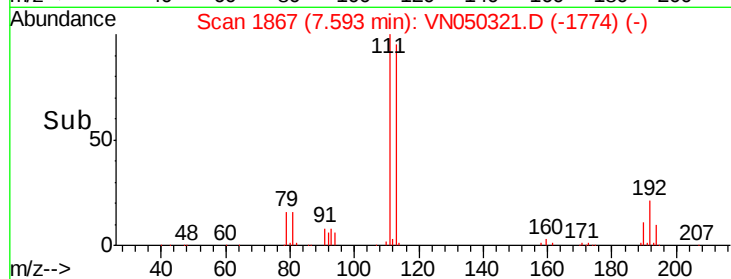
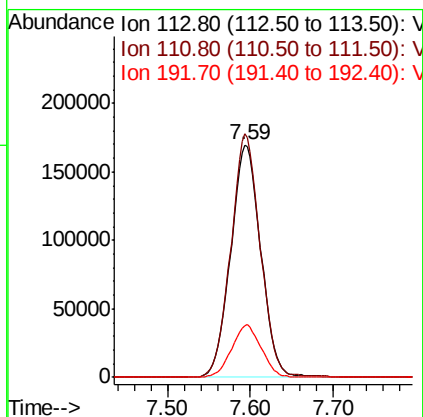
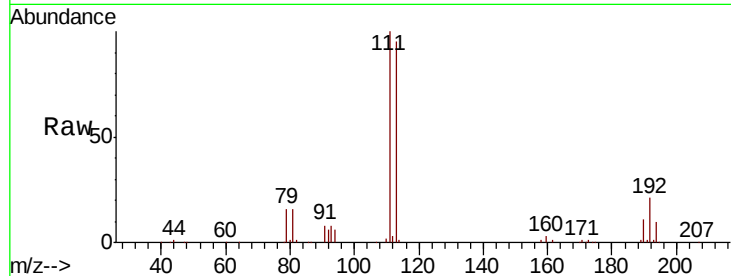




#35
 Dibromofluoromethane
 Concen: 45.62 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

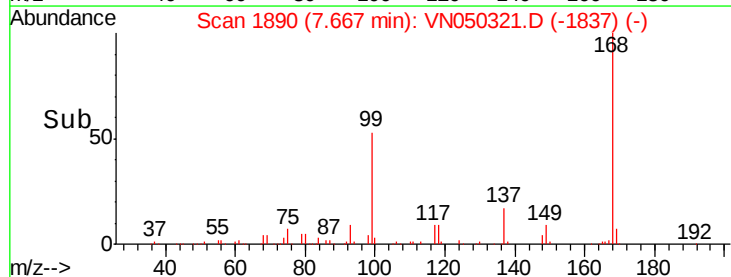
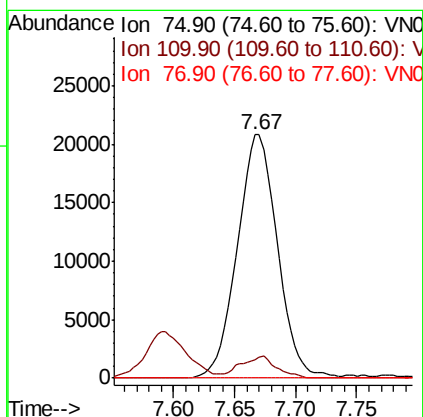
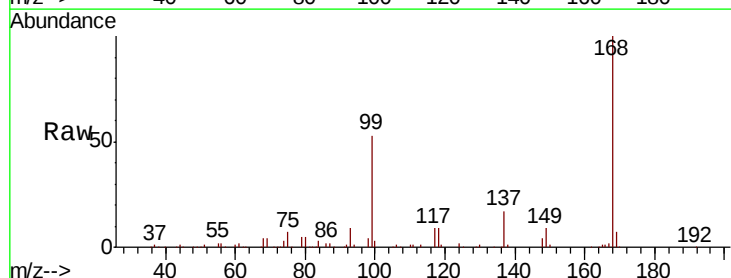
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#06

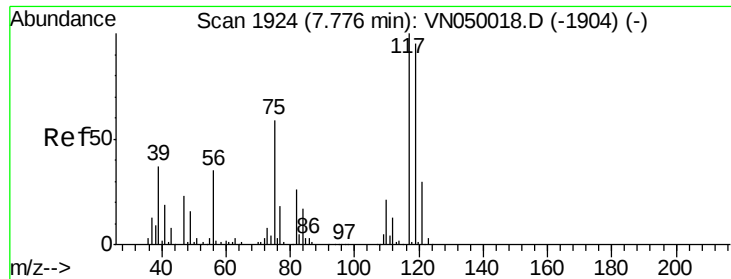
Tot Ion:113 Resp: 428789
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.65 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

Tgt Ion: 75 Resp: 47394
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.4 55.2#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.50 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#06

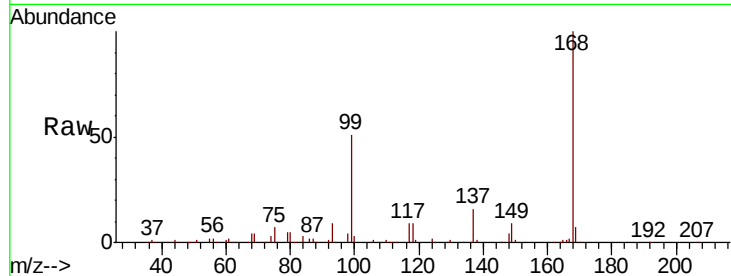
Tot Ion:117 Resp: 61996

Ion Ratio Lower Upper

117 100

119 5.8 77.4 116.0#

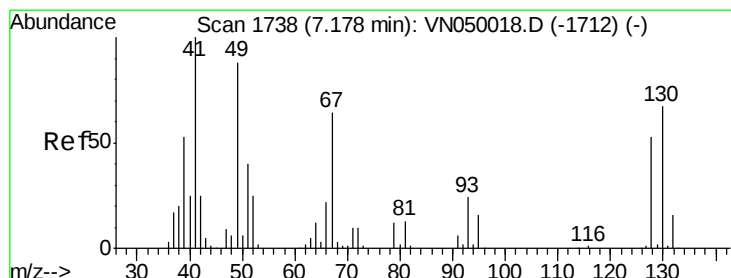
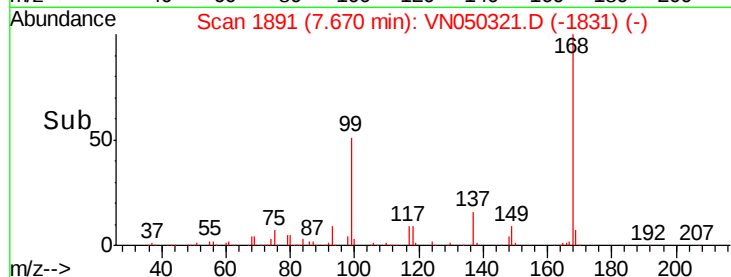
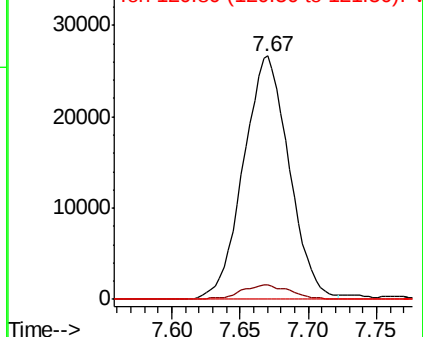
121 0.0 23.9 35.9#



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: 2.99 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.05 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Tgt Ion: 41 Resp: 1182

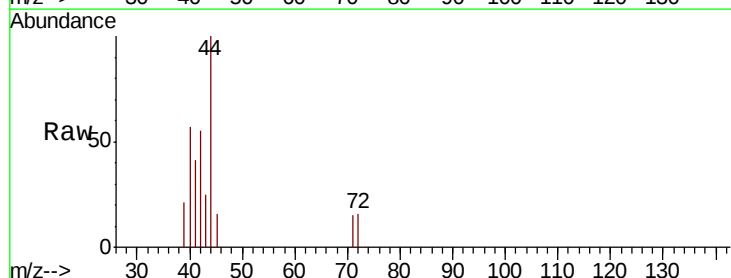
Ion Ratio Lower Upper

41 100

39 40.8 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

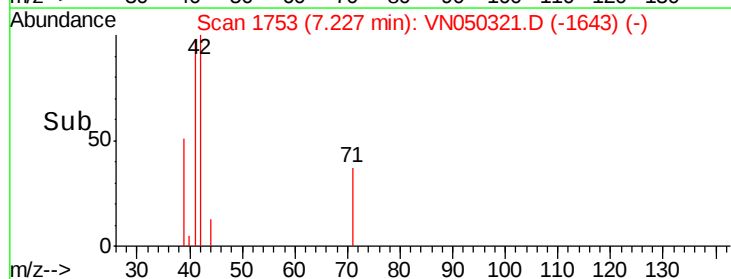
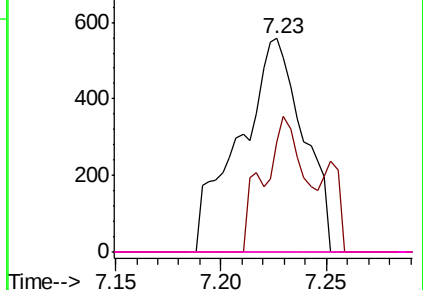


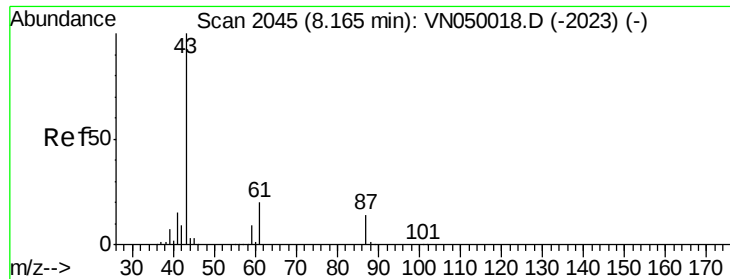
Abundance Ion 41.00 (40.70 to 41.70): V

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



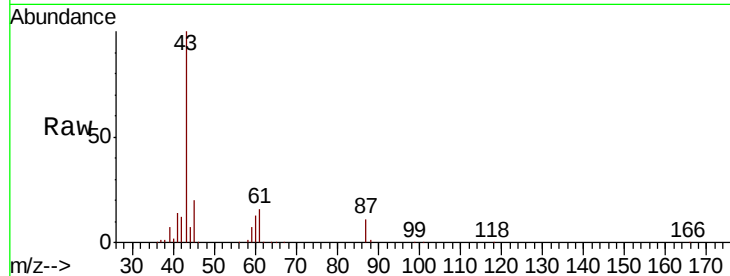


#43

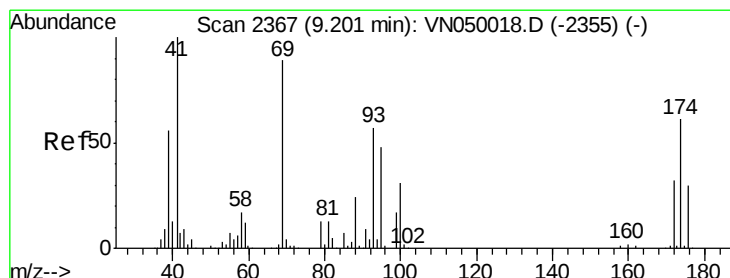
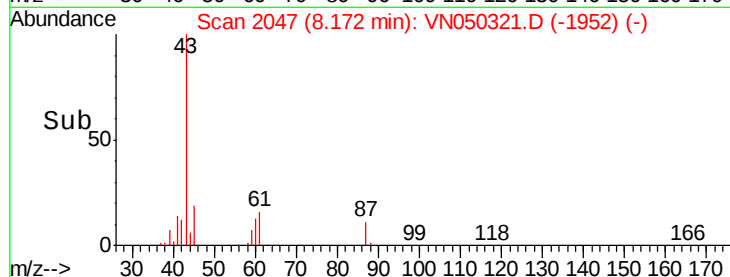
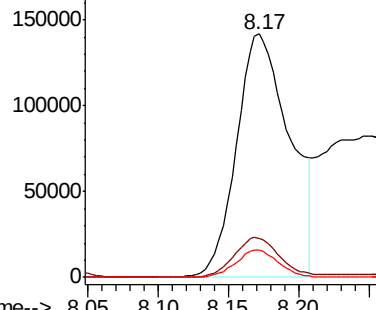
Isopropyl Acetate
 Concen: 21.10 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#06

Tot Ion: 43 Resp: 370734
 Ion Ratio Lower Upper
 43 100
 61 14.5 15.8 23.6#
 87 9.1 10.3 15.5#



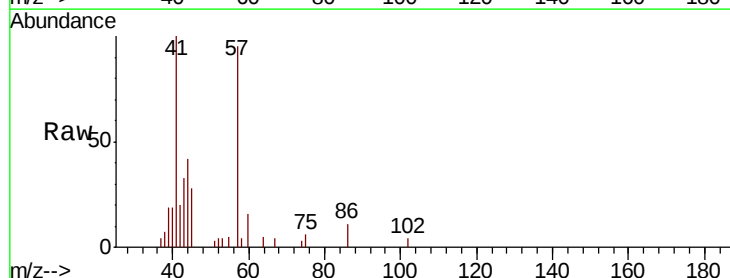
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



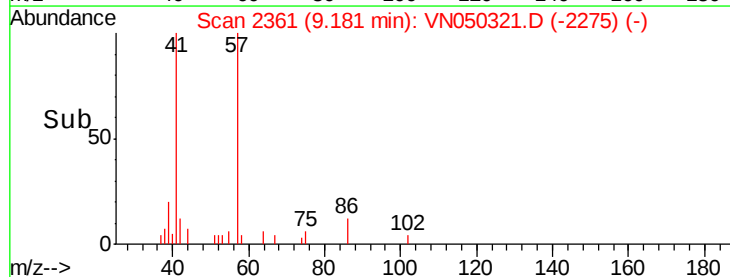
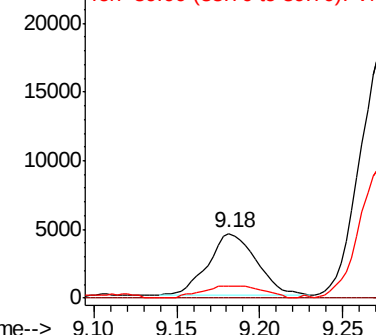
#48

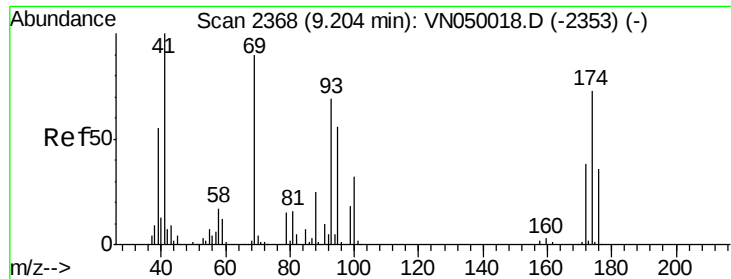
Methyl methacrylate
 Concen: 1.17 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

Tgt Ion: 41 Resp: 9114
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.6 105.8#
 39 24.4 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: 3.66 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#06

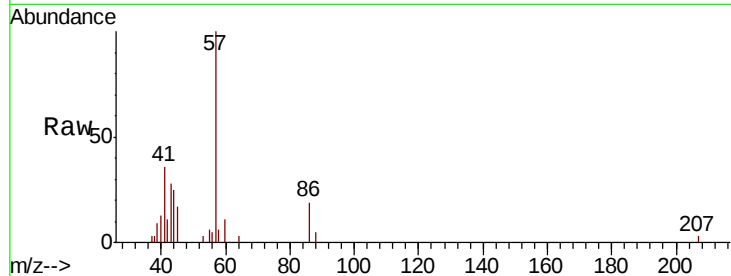
Tot Ion: 88 Resp: 388

Ion Ratio Lower Upper

88 100

43 0.0 26.9 40.3#

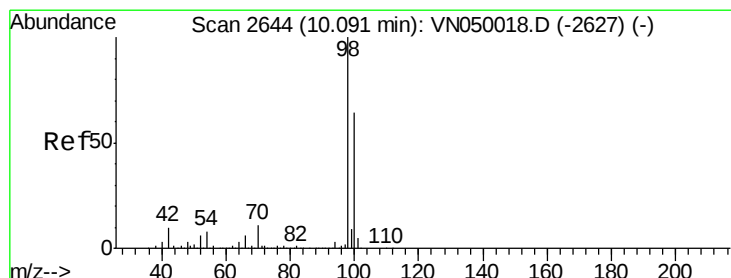
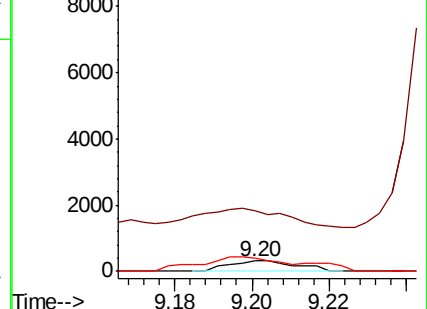
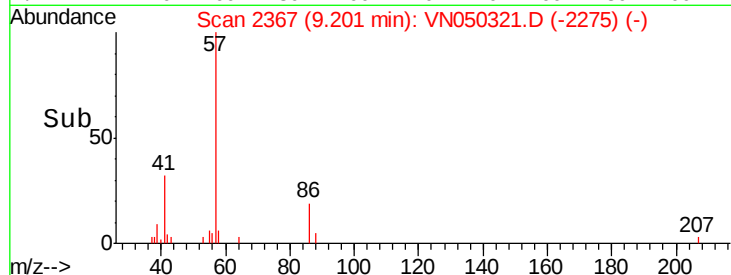
58 169.6 57.3 85.9#



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: 44.81 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050321.D

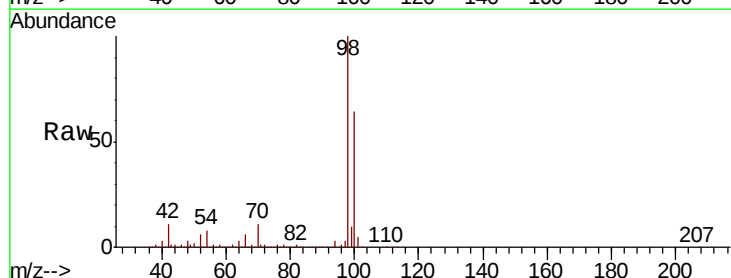
Acq: 3 Aug 2018 18:42

Tgt Ion: 98 Resp: 1548389

Ion Ratio Lower Upper

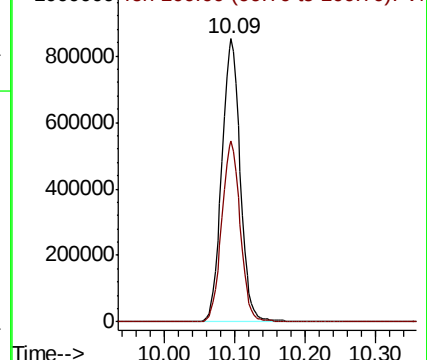
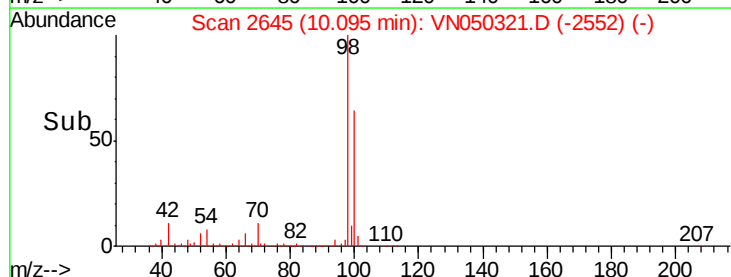
98 100

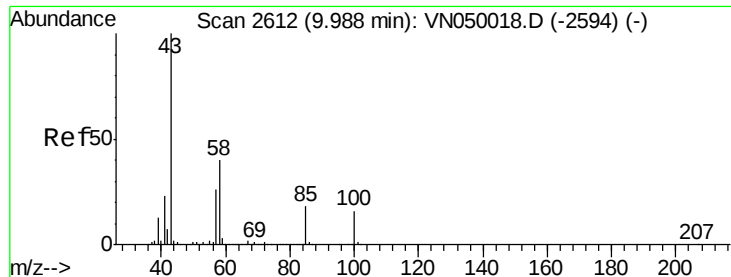
100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

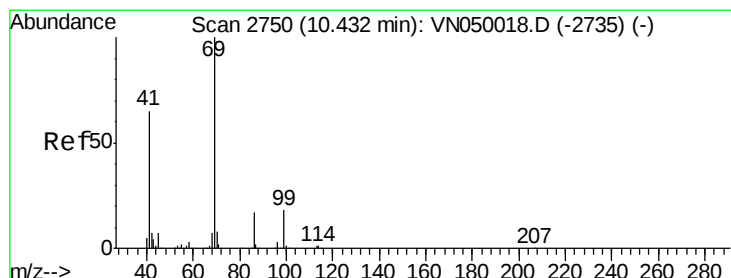
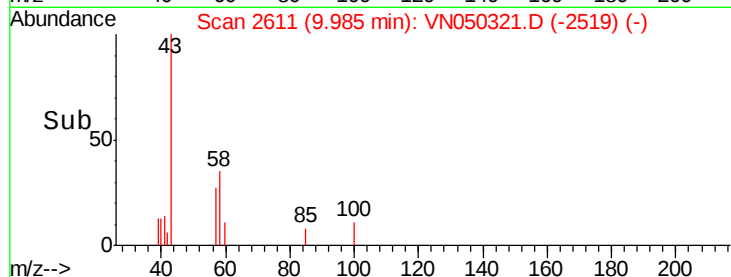
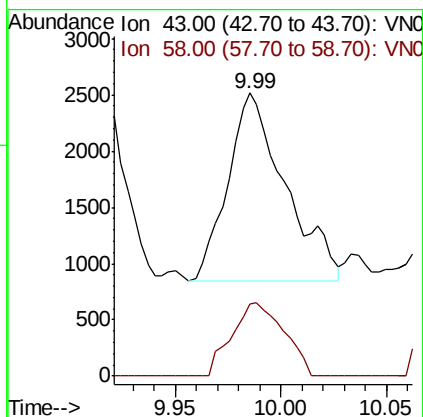
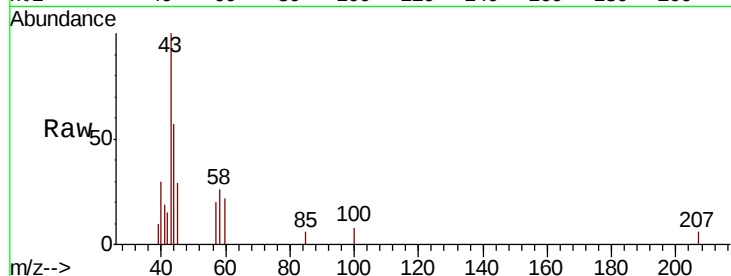




#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050321.D
Acq: 3 Aug 2018 18:42

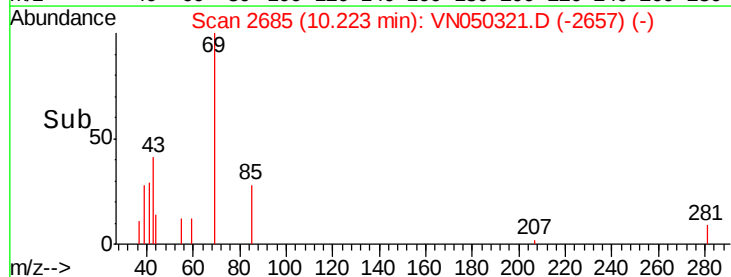
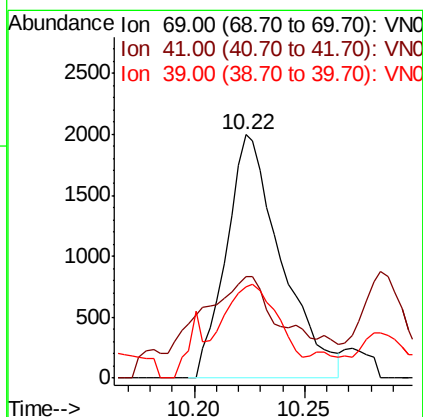
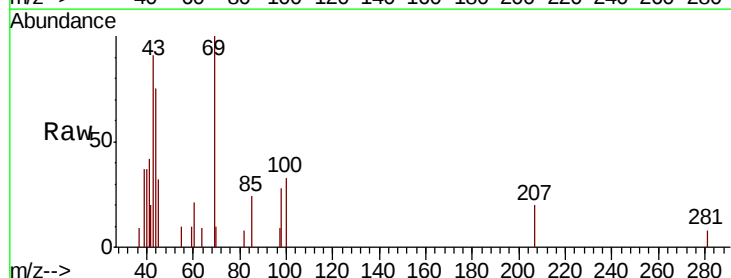
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#06

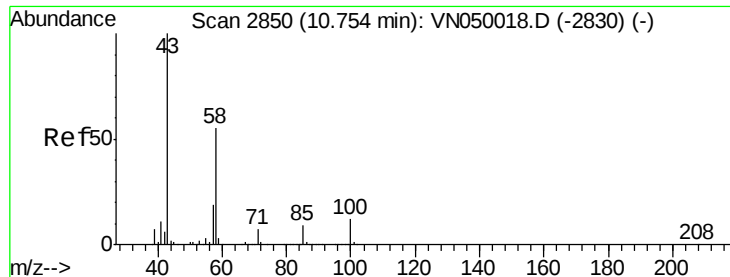
Tot Ion: 43 Resp: 3163
Ion Ratio Lower Upper
43 100
58 35.3 31.9 47.9



#56
Ethyl methacrylate
Concen: 2.30 ug/l
RT: 10.22 min Scan# 2685
Delta R.T. -0.21 min
Lab File: VN050321.D
Acq: 3 Aug 2018 18:42

Tgt Ion: 69 Resp: 3452
Ion Ratio Lower Upper
69 100
41 69.5 51.0 76.4
39 30.2 26.6 40.0





#59

2-Hexanone

Concen: 8.35 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

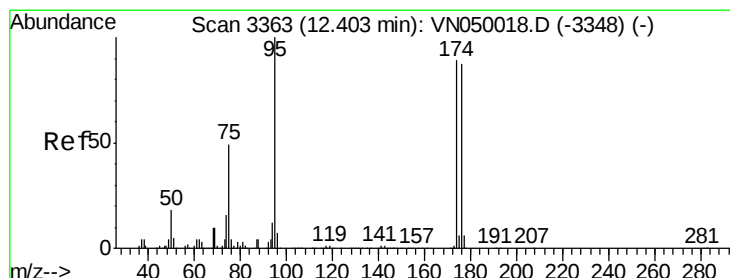
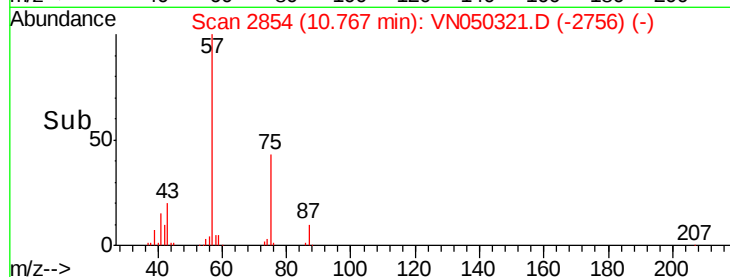
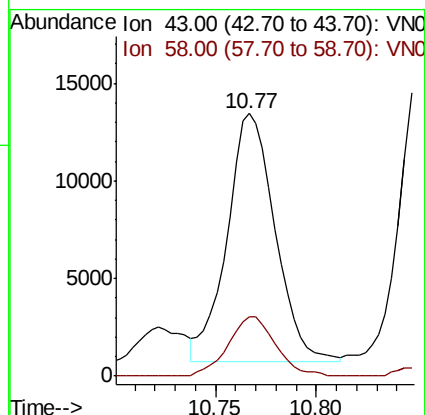
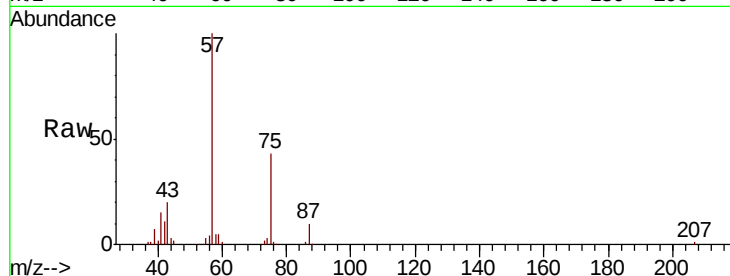
PB111719ZHE#06

Tot Ion: 43 Resp: 21210

Ion Ratio Lower Upper

43 100

58 23.8 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 39.12 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

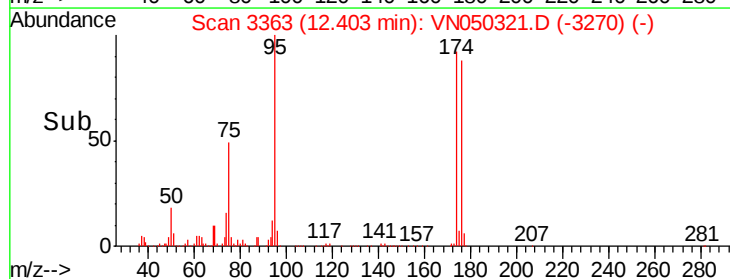
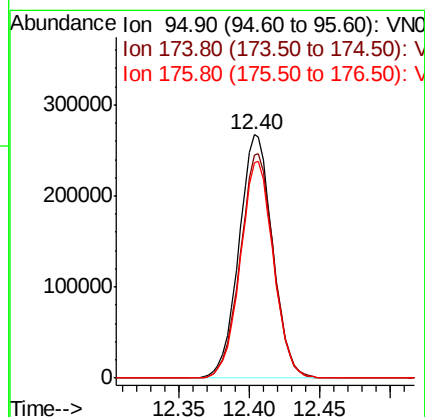
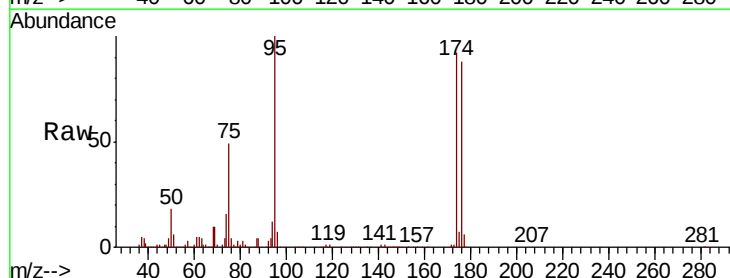
Tgt Ion: 95 Resp: 445169

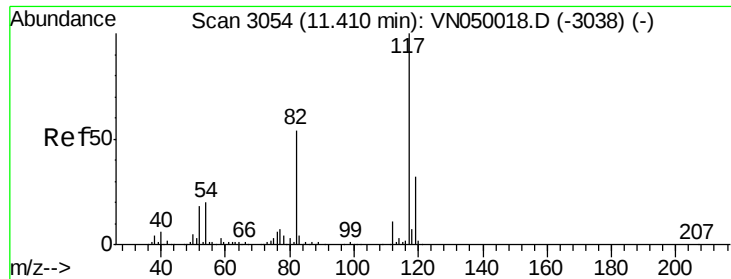
Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.2

176 87.7 0.0 173.4

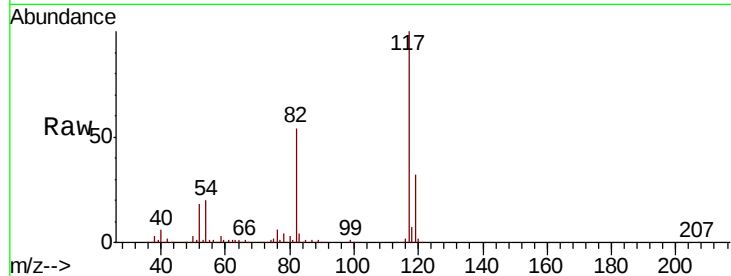




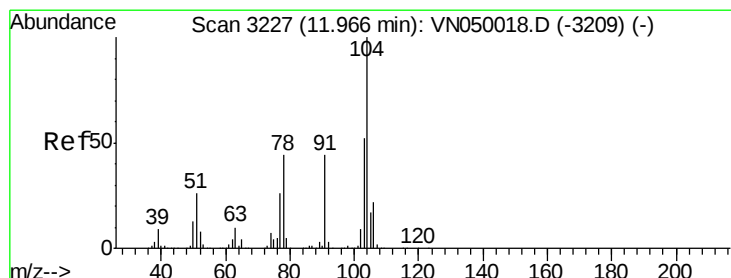
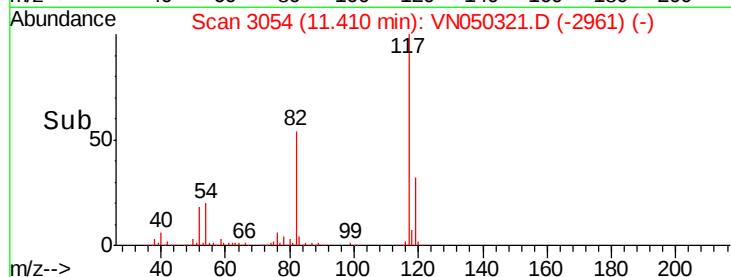
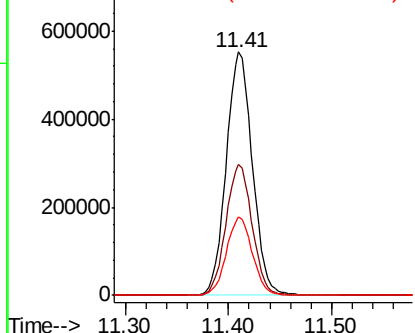
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050321.D
Acq: 3 Aug 2018 18:42

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#06

Tot Ion:117 Resp: 977293
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.0 26.1 39.1

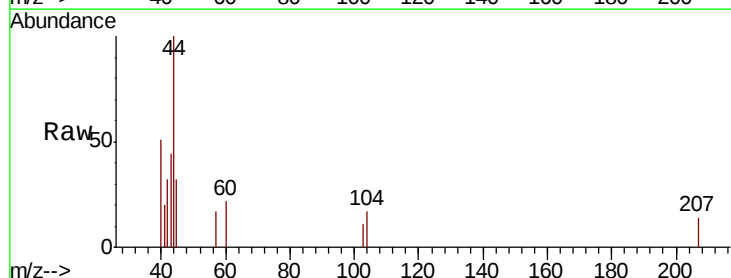


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

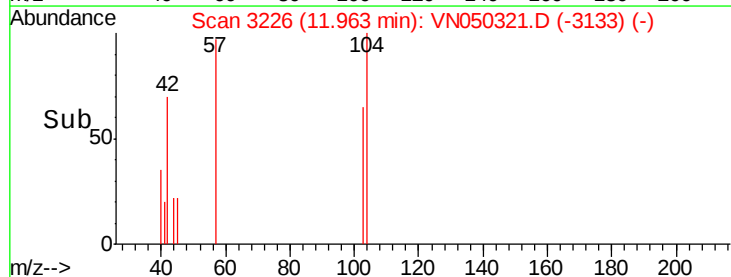
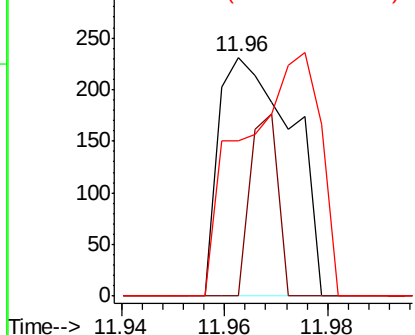


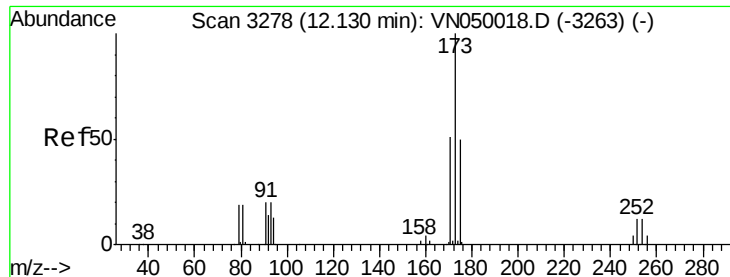
#70
Styrene
Concen: 0.93 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050321.D
Acq: 3 Aug 2018 18:42

Tgt Ion:104 Resp: 226
Ion Ratio Lower Upper
104 100
78 28.8 39.3 58.9#
103 107.5 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: 0.59 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#06

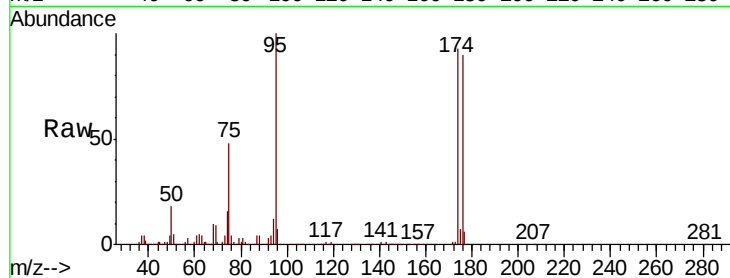
Tot Ion:173 Resp: 4045

Ion Ratio Lower Upper

173 100

175 642.8 24.1 72.2#

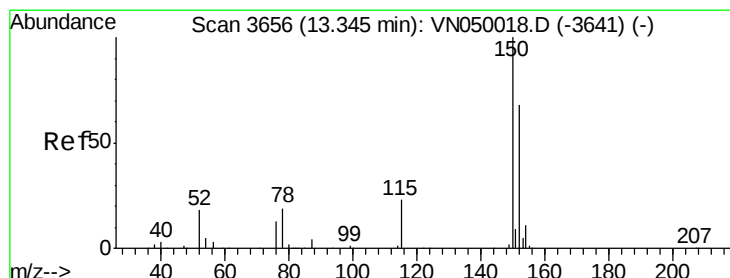
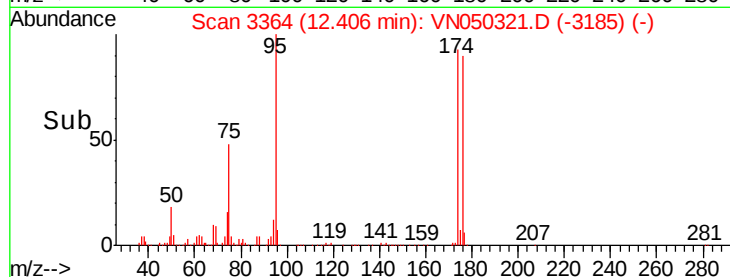
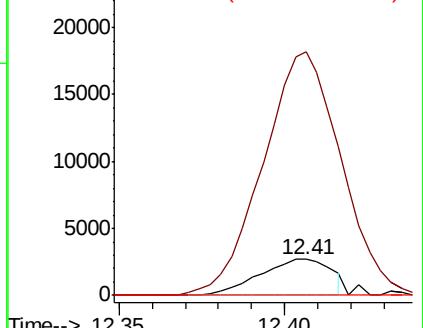
254 0.0 0.2 0.2#



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: VN050321.D

Acq: 3 Aug 2018 18:42

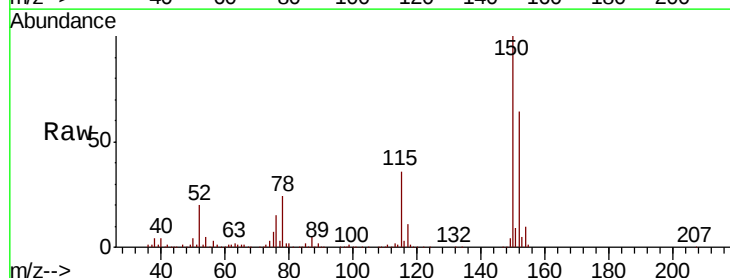
Tgt Ion:152 Resp: 401041

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.3

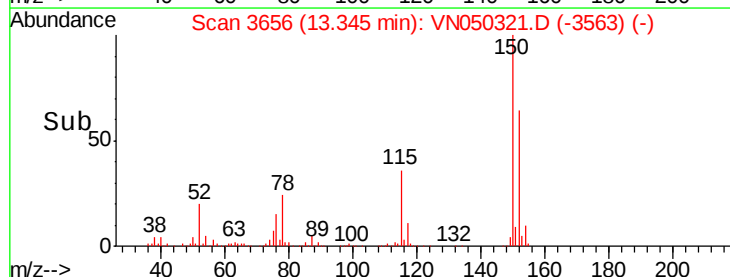
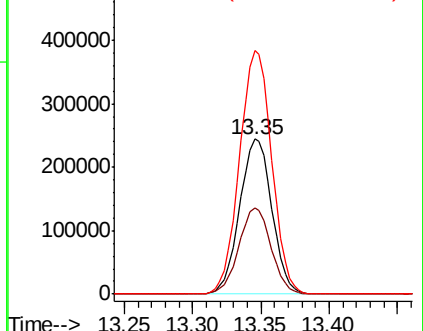
150 157.0 0.0 348.6

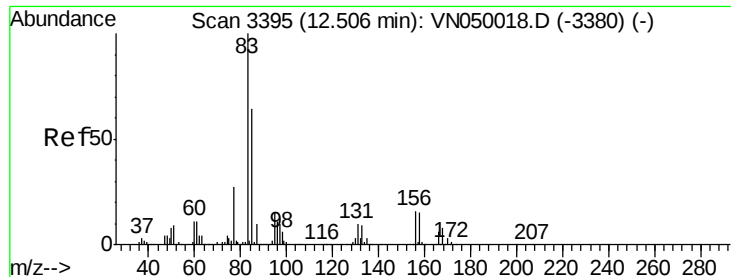


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.42 min Scan# 3369

Delta R.T. -0.08 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#06

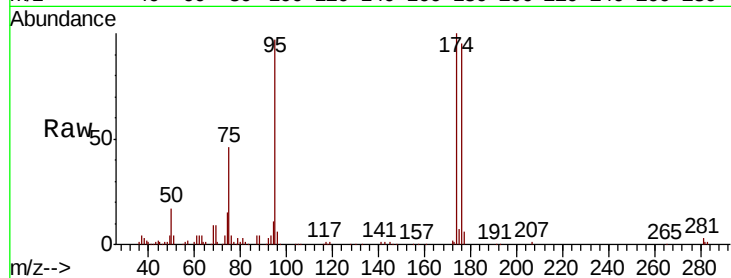
Tot Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

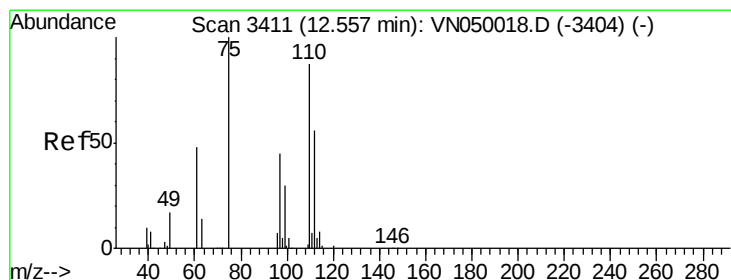
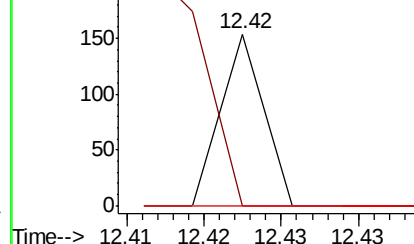
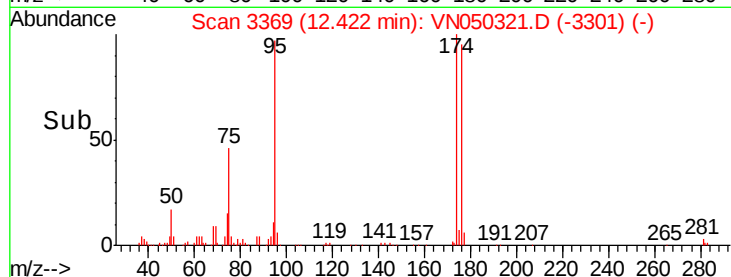
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.13 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050321.D

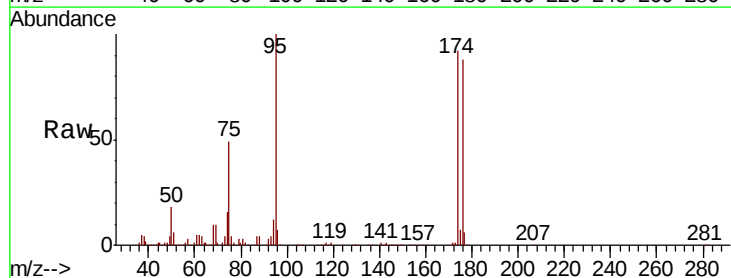
Acq: 3 Aug 2018 18:42

Tgt Ion: 75 Resp: 217119

Ion Ratio Lower Upper

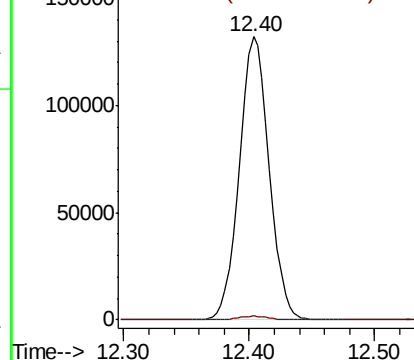
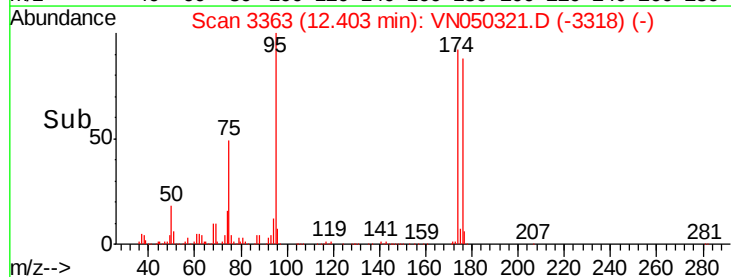
75 100

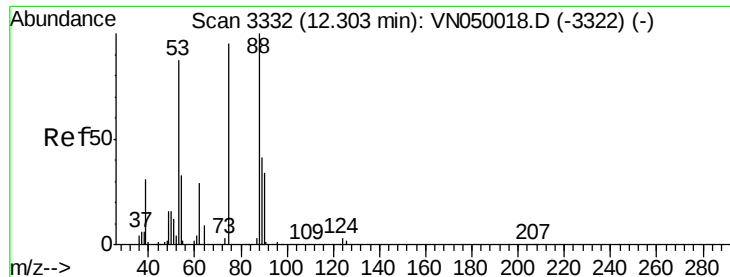
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 92.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#06

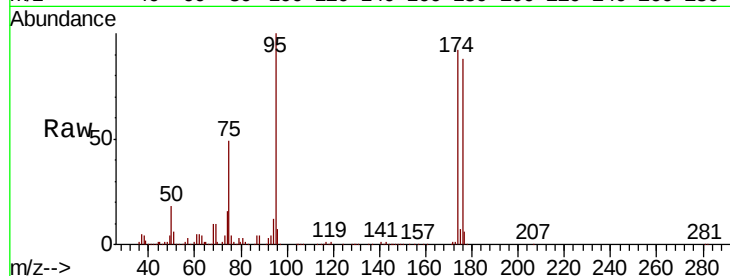
Tot Ion: 75 Resp: 217119

Ion Ratio Lower Upper

75 100

53 0.3 73.5 110.3#

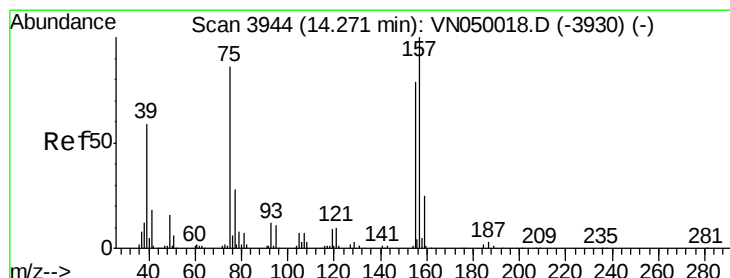
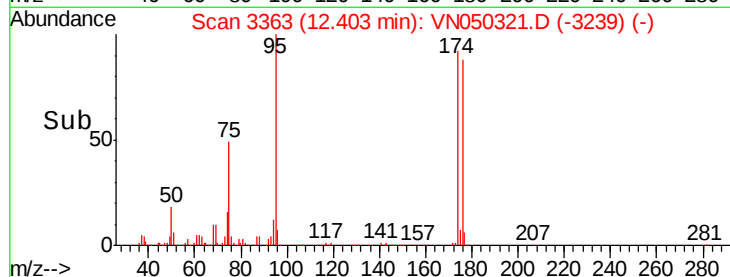
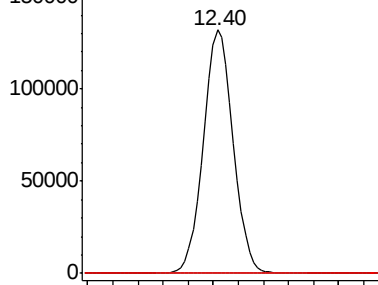
89 0.0 36.0 54.0#



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: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

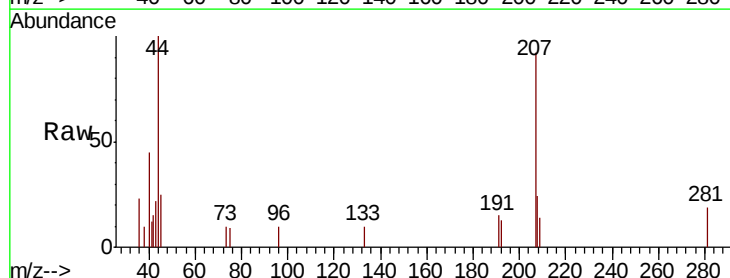
Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

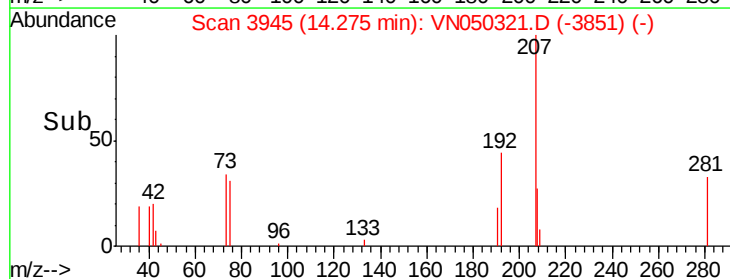
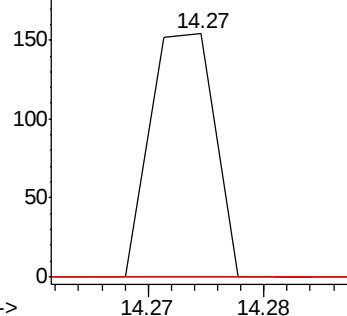
157 0.0 57.2 171.6#

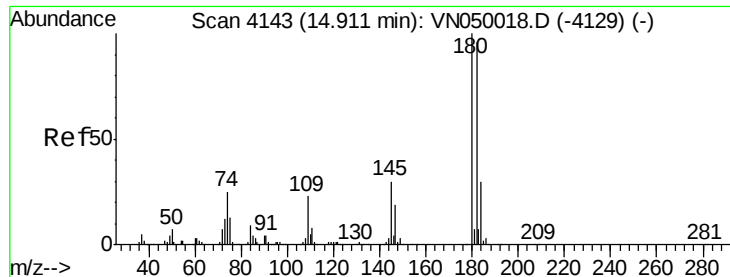


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

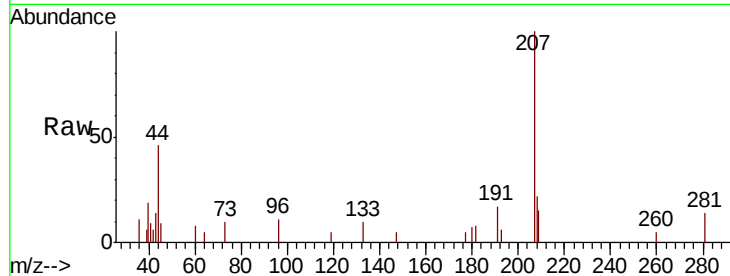




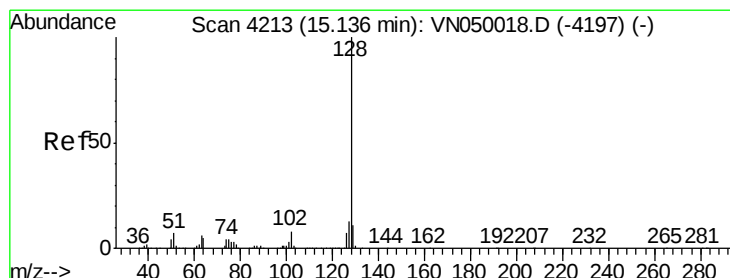
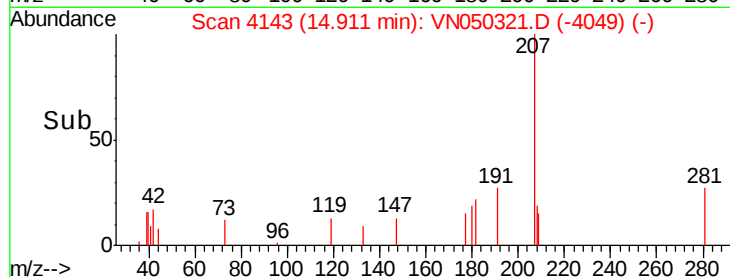
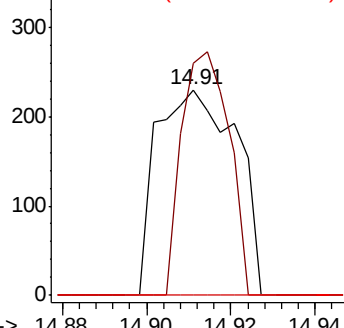
#93
 1,2,4-Trichlorobenzene
 Concen: 3.12 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#06

Tot Ion:180 Resp: 302
 Ion Ratio Lower Upper
 180 100
 182 70.2 46.7 140.1
 145 0.0 13.8 41.4#

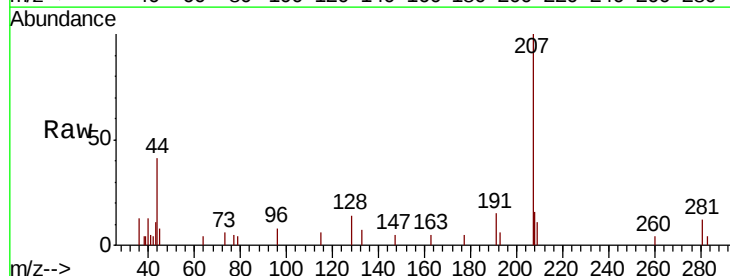


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

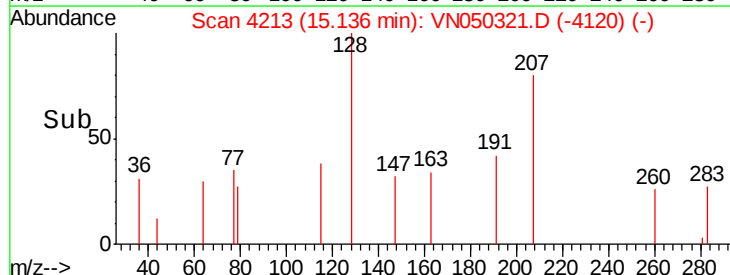
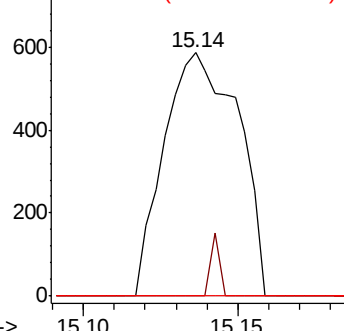


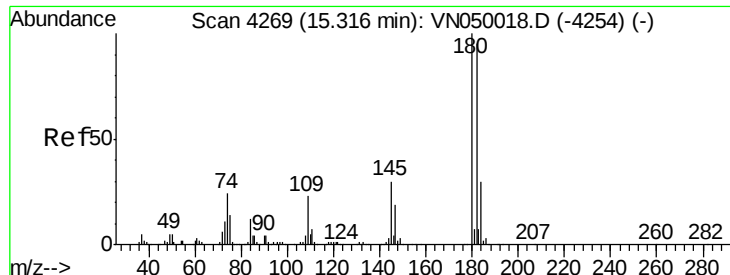
#95
 Naphthalene
 Concen: 4.46 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

Tgt Ion:128 Resp: 984
 Ion Ratio Lower Upper
 128 100
 127 2.9 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: 2.22 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#06

Tot Ion	Ratio	Lower	Upper
180	100		
182	64.4	48.1	144.4
145	0.0	15.3	45.9#

