

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050188.D
 Acq On : 30 Jul 2018 15:33
 Operator : MD\SY
 Sample : J4184-07DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2BDL

Quant Time: Jul 31 01:11:56 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	686314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1099209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	930164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	408695	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	466356	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	7.59	113	424987	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
50) Toluene-d8	10.09	98	1499152	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
62) 4-Bromofluorobenzene	12.40	95	457131	42.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.16%	

Target Compounds

						Qvalue
5) Bromomethane	2.56	94	450	Below Cal		97
11) Tert butyl alcohol	4.74	59	150	0.21 ug/l	#	72
16) Acetone	3.82	43	4751	Below Cal	#	87
18) Methyl Acetate	4.33	43	18754	0.53 ug/l		93
20) Methylene Chloride	4.55	84	1059	Below Cal		84
31) Cyclohexane	7.67	56	15128	1.08 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	47454	3.83 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	62317	4.74 ug/l	#	16
39) Methylcyclohexane	9.08	83	3832	0.30 ug/l		92
40) Benzene	8.04	78	268090	7.11 ug/l		99
41) Methacrylonitrile	7.22	41	229	2.80 ug/l	#	10
42) 1,2-Dichloroethane	8.04	62	2610	0.21 ug/l	#	33
43) Isopropyl Acetate	8.28	43	200315	11.43 ug/l	#	61
52) Toluene	10.16	92	327446	14.72 ug/l		98
53) t-1,3-Dichloropropene	10.15	75	3937	0.32 ug/l	#	1
59) 2-Hexanone	10.74	43	94	5.19 ug/l	#	24
67) Ethyl Benzene	11.51	91	544915	14.44 ug/l		99
68) m/p-Xylenes	11.62	106	268990	18.84 ug/l		99
69) o-Xylene	11.95	106	78050	5.74 ug/l		96
70) Styrene	11.97	104	42457	2.64 ug/l	#	80
71) Bromoform	12.40	173	3904	0.59 ug/l	#	1
73) Isopropylbenzene	12.25	105	25637	0.81 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.40	83	148	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	223337	29.40 ug/l	#	100
77) Bromobenzene	12.53	156	2820	0.32 ug/l	#	1
78) n-propylbenzene	12.59	91	17491	0.49 ug/l		97
79) 2-Chlorotoluene	12.66	91	19512	0.89 ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	44968	1.80 ug/l		98
81) trans-1,4-Dichloro-2-buten	12.40	75	223337	93.27 ug/l	#	13
82) 4-Chlorotoluene	12.73	91	5379	0.25 ug/l	#	41
83) tert-Butylbenzene	13.04	119	13502	0.62 ug/l	#	55
84) 1,2,4-Trimethylbenzene	13.04	105	100116	3.98 ug/l		98
85) sec-Butylbenzene	13.04	105	100116	3.44 ug/l	#	56
86) p-Isopropyltoluene	13.29	119	18675	0.76 ug/l		95

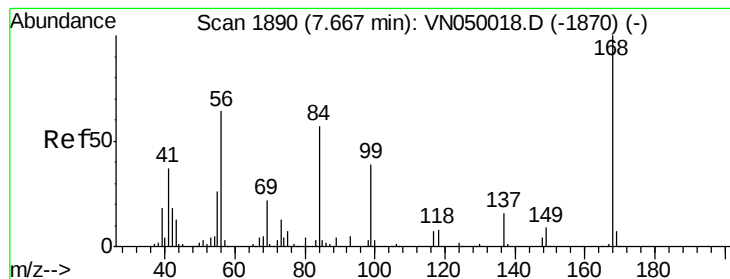
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
Data File : VN050188.D
Acq On : 30 Jul 2018 15:33
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Quant Time: Jul 31 01:11:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.82	117	2035	0.37	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	381	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.90	180	67	3.09	ug/l #	1
95) Naphthalene	15.14	128	2127658	108.34	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

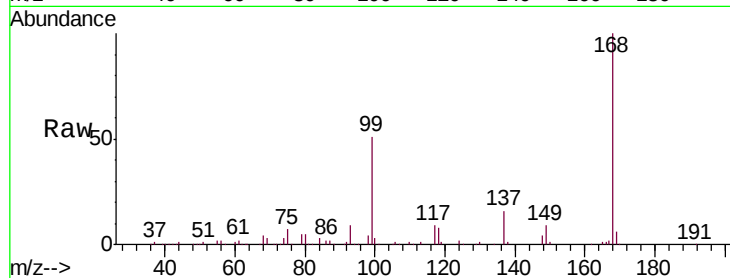
MW-2BDL

Tot Ion:168 Resp: 686314

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): VNO

7.67

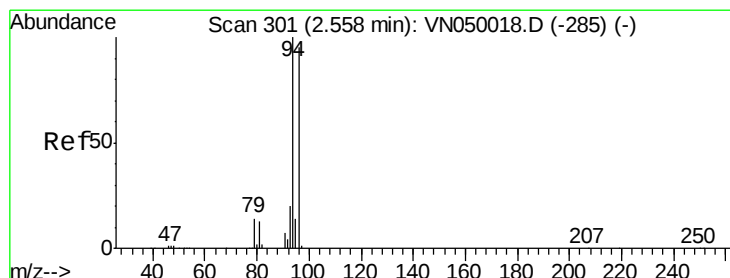
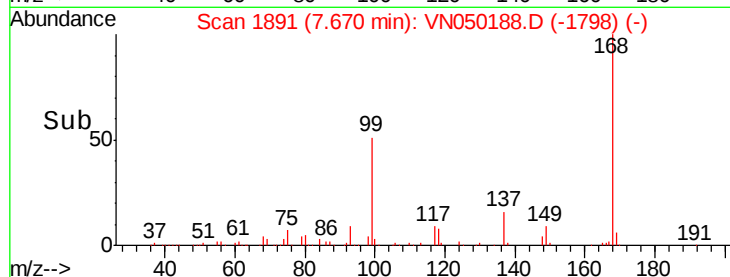
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050188.D

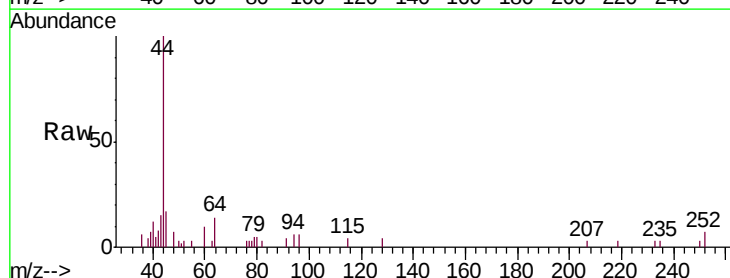
Acq: 30 Jul 2018 15:33

Tgt Ion: 94 Resp: 450

Ion Ratio Lower Upper

94 100

96 90.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

400

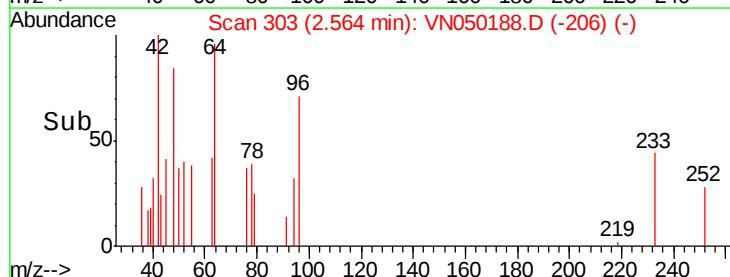
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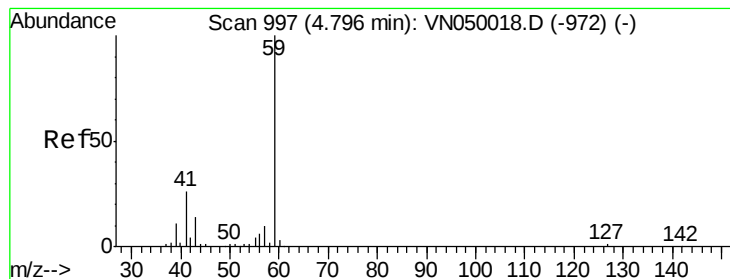
200

100

0

Time-->



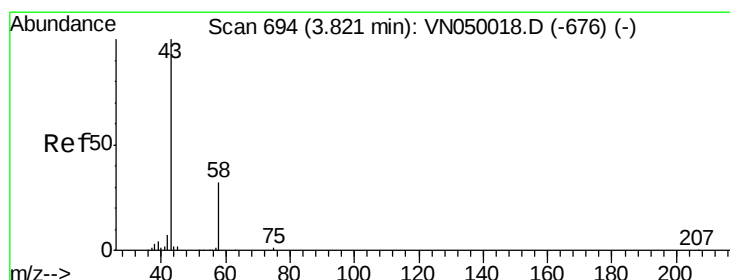
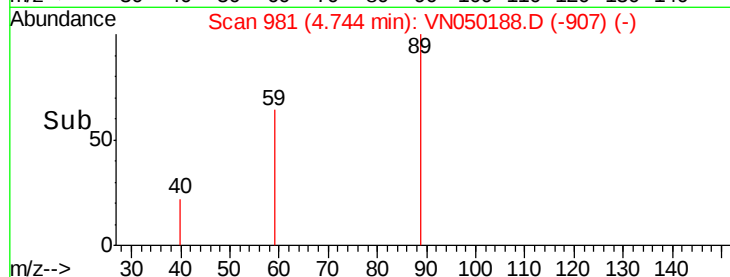
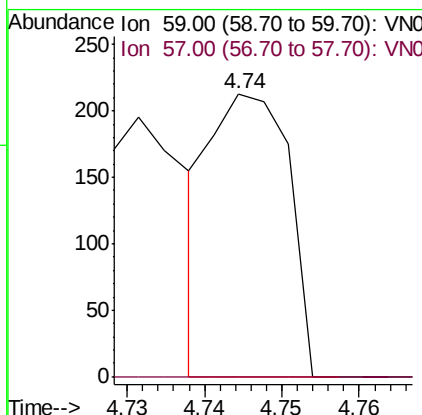
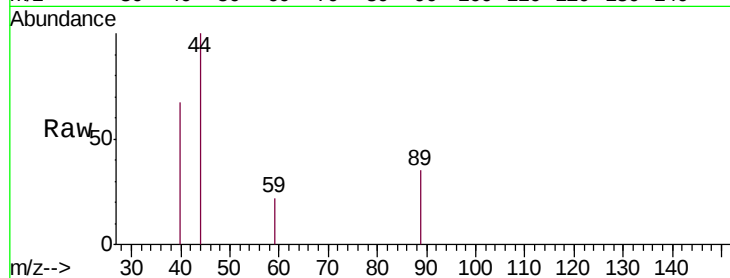


#11

Tert butyl alcohol
 Concen: 0.21 ug/l
 RT: 4.74 min Scan# 981
 Delta R.T. -0.06 min
 Lab File: VN050188.D
 Acq: 30 Jul 2018 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2BDL

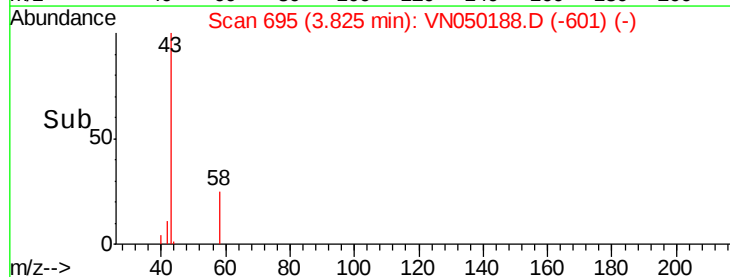
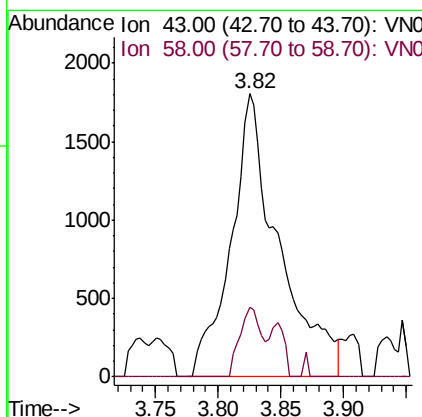
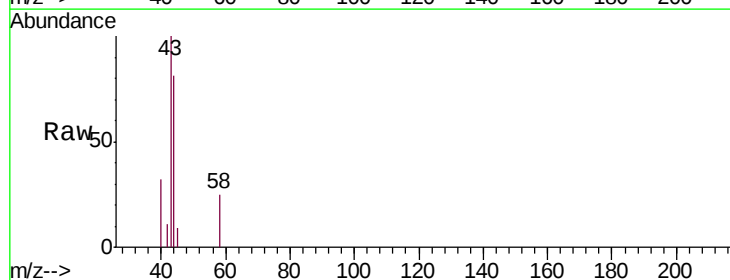
Tot Ion: 59 Resp: 150
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

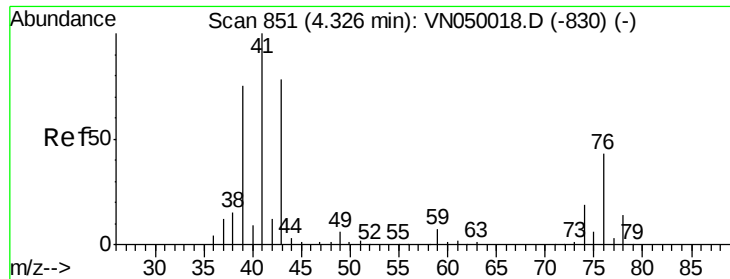


#16

Acetone
 Concen: Below Cal
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN050188.D
 Acq: 30 Jul 2018 15:33

Tgt Ion: 43 Resp: 4751
 Ion Ratio Lower Upper
 43 100
 58 24.8 25.8 38.8#

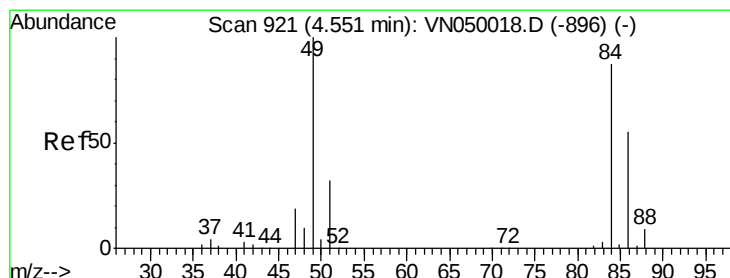
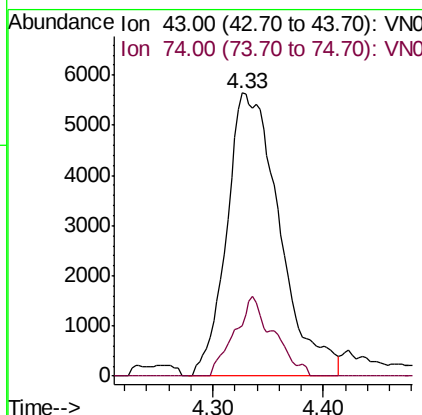
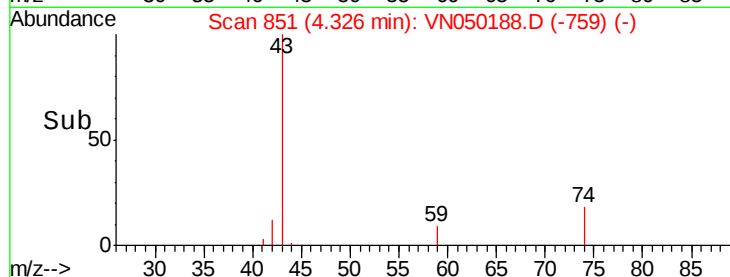
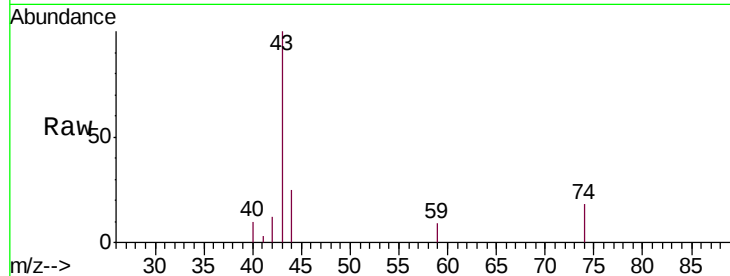




#18
Methyl Acetate
Concen: 0.53 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.01 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

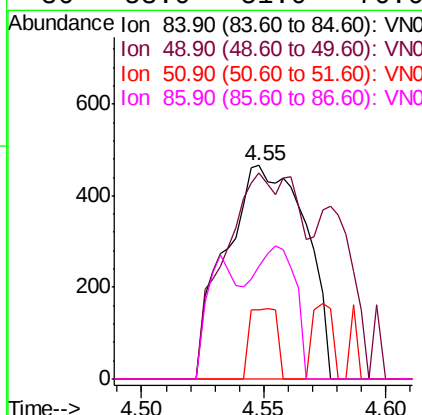
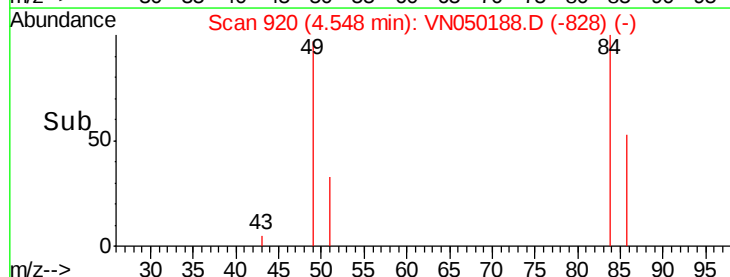
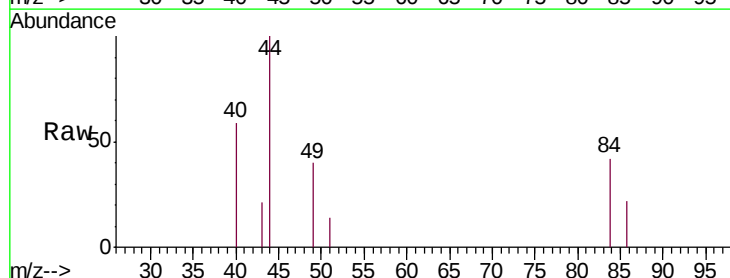
Instrument :
MSVOA_N
ClientSampled :
MW-2BDL

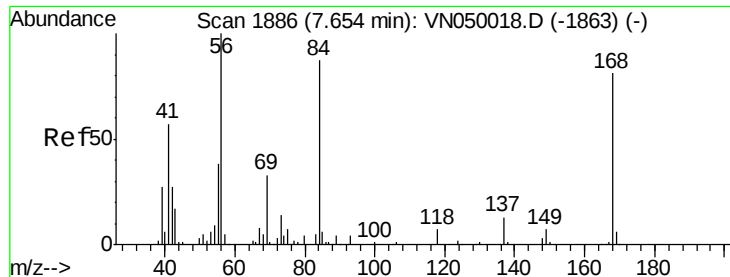
Tot Ion: 43 Resp: 18754
Ion Ratio Lower Upper
43 100
74 20.8 19.2 28.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

Tgt Ion: 84 Resp: 1059
Ion Ratio Lower Upper
84 100
49 96.6 94.8 142.2
51 32.6 28.3 42.5
86 53.0 51.0 76.6





#31

Cyclohexane

Concen: 1.08 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

MW-2BDL

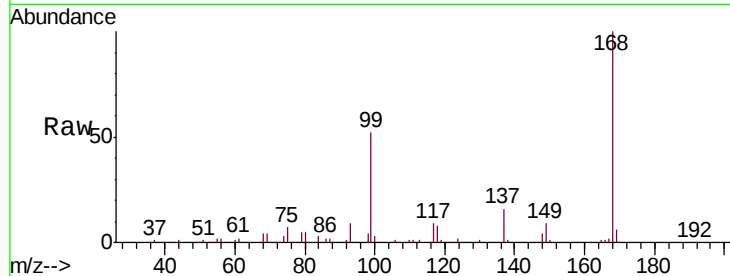
Tot Ion: 56 Resp: 15128

Ion Ratio Lower Upper

56 100

69 169.8 26.2 39.4#

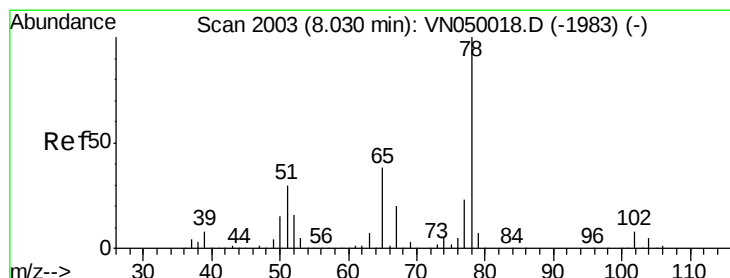
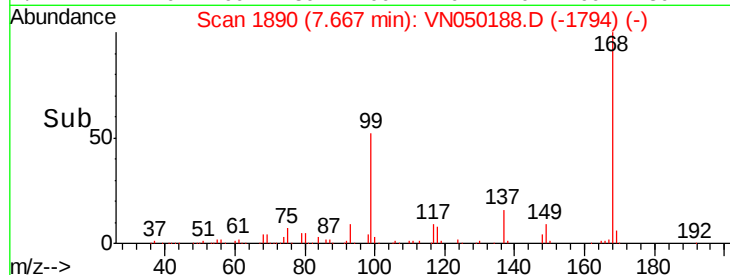
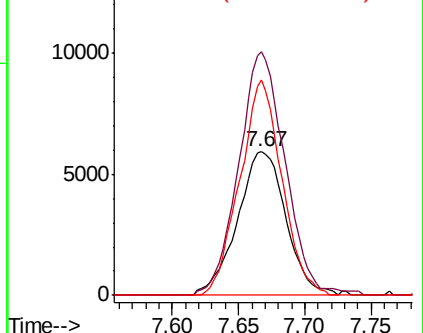
84 150.2 67.4 101.0#



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: 48.70 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050188.D

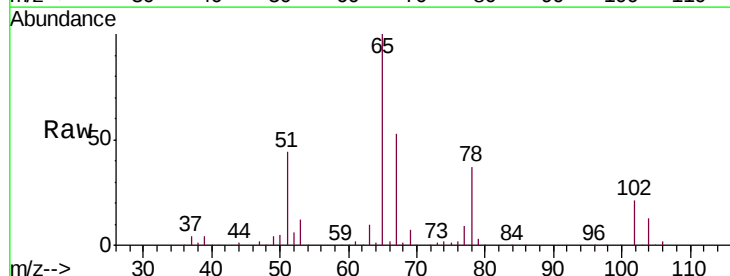
Acq: 30 Jul 2018 15:33

Tgt Ion: 65 Resp: 466356

Ion Ratio Lower Upper

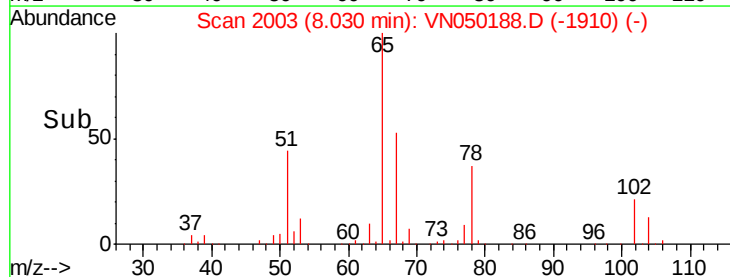
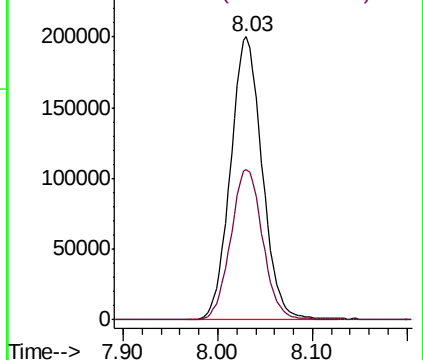
65 100

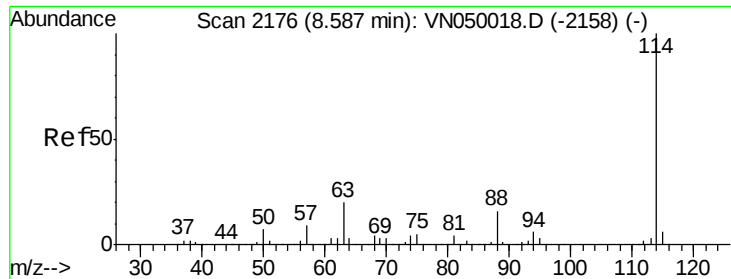
67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

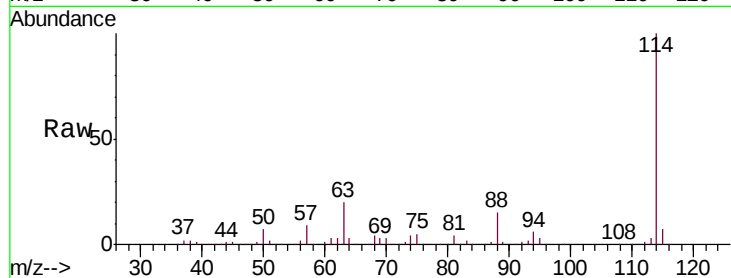




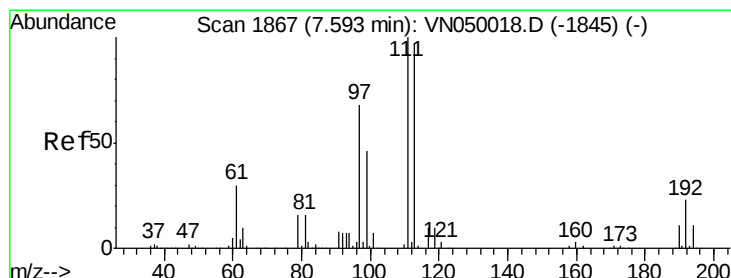
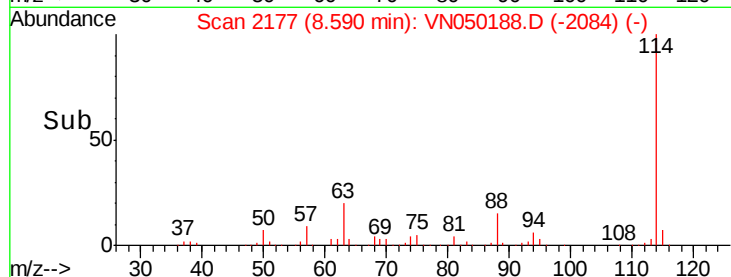
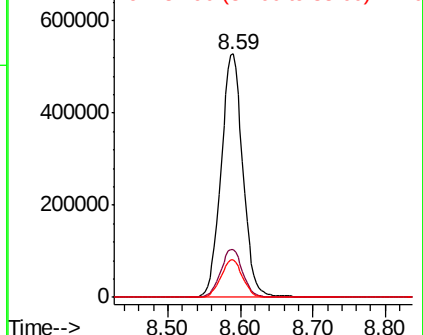
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050188.D
 Acq: 30 Jul 2018 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2BDL

Tot Ion:114 Resp: 1099209
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.4 0.0 31.2

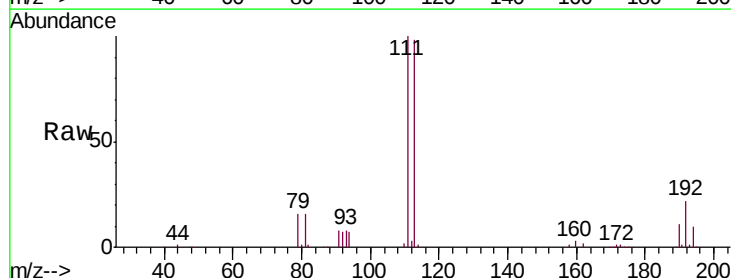


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

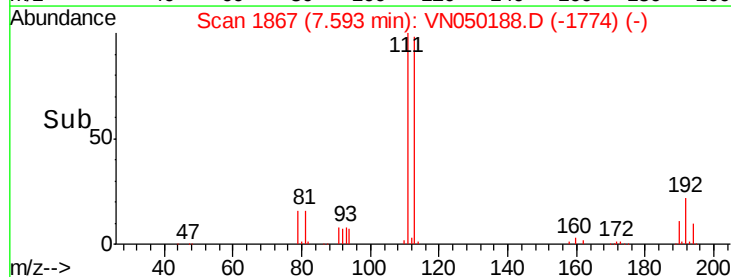
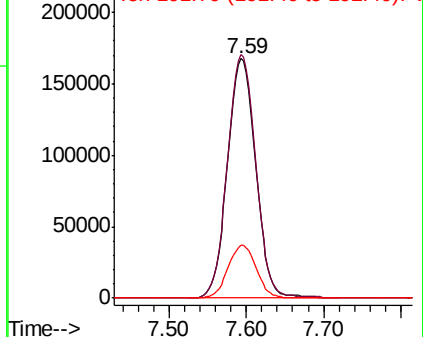


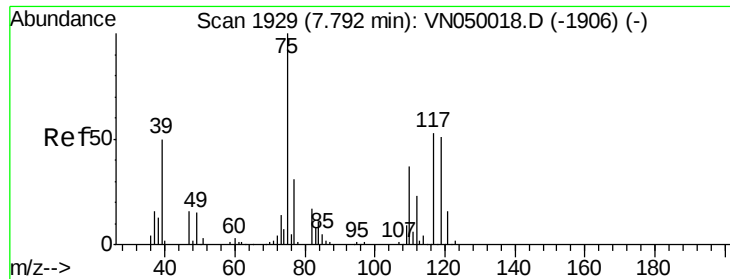
#35
 Dibromofluoromethane
 Concen: 47.35 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050188.D
 Acq: 30 Jul 2018 15:33

Tgt Ion:113 Resp: 424987
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.7 121.1
 192 22.1 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

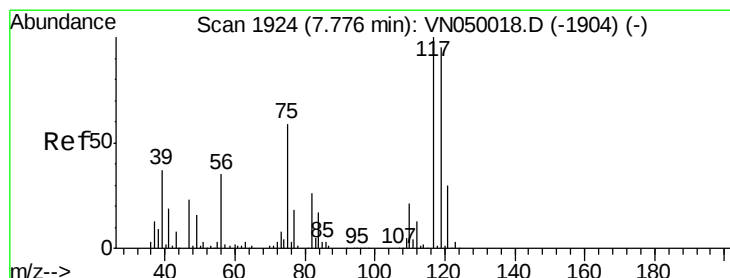
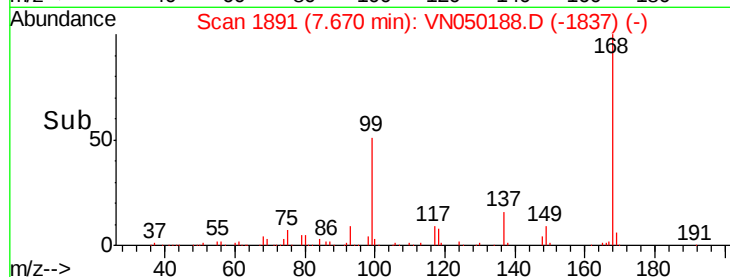
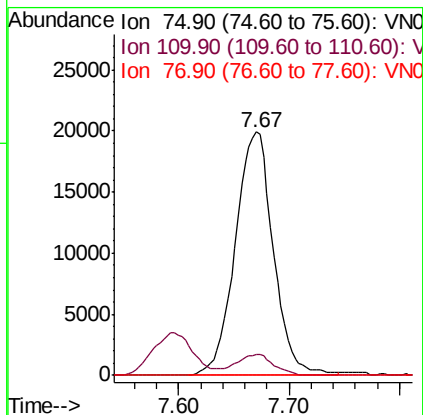
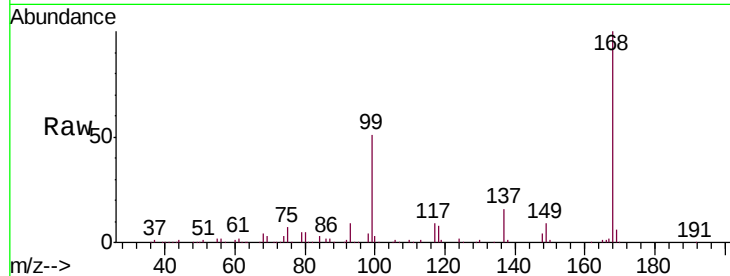




#36
 1,1-Dichloropropene
 Concen: 3.83 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050188.D
 Acq: 30 Jul 2018 15:33

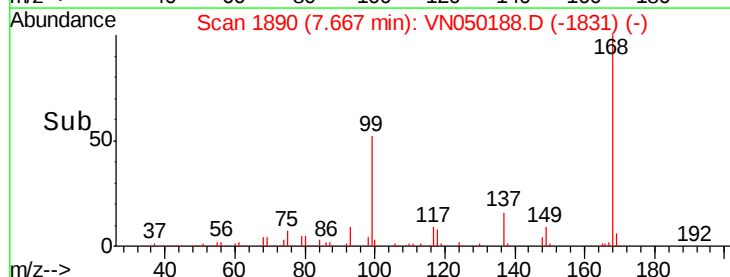
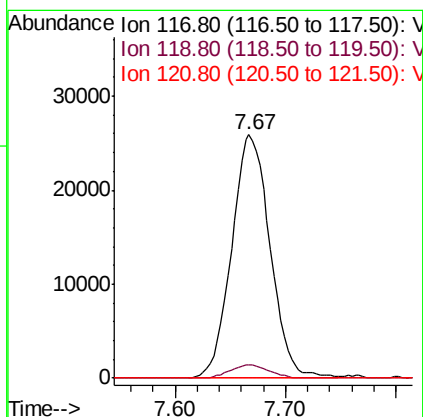
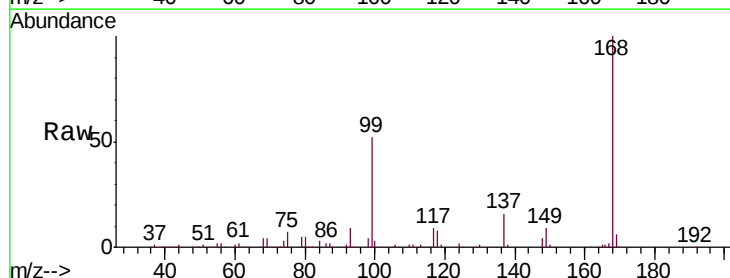
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2BDL

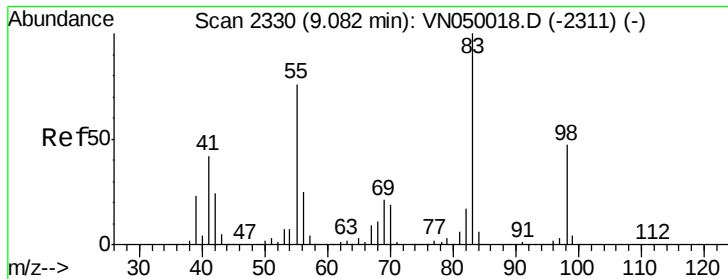
Tot Ion: 75 Resp: 47454
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.74 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050188.D
 Acq: 30 Jul 2018 15:33

Tgt Ion: 117 Resp: 62317
 Ion Ratio Lower Upper
 117 100
 119 5.7 77.4 116.0#
 121 0.0 23.9 35.9#

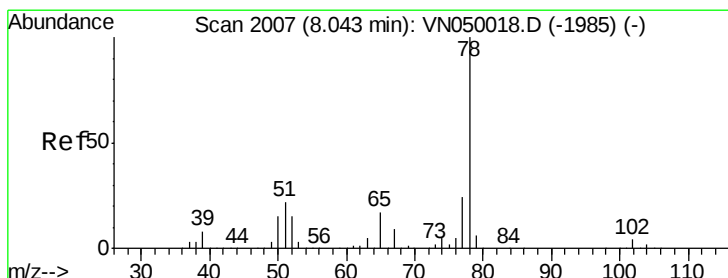
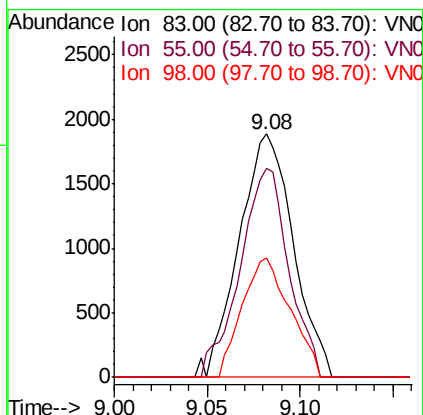
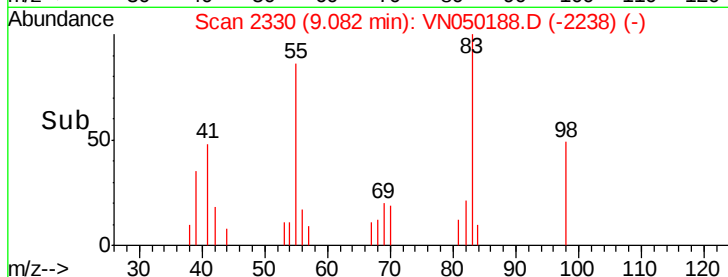
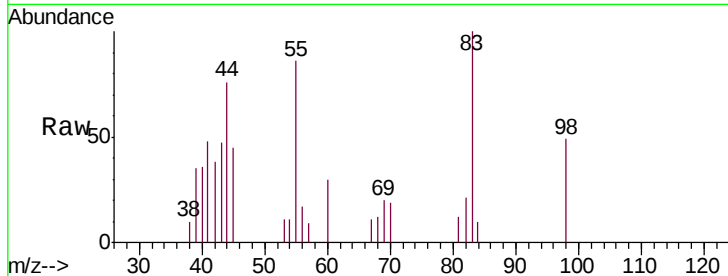




#39
Methvlcvclohexane
Concen: 0.30 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

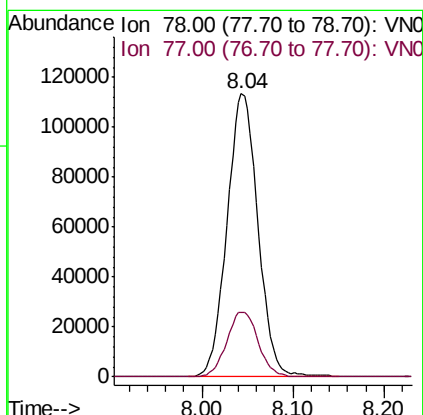
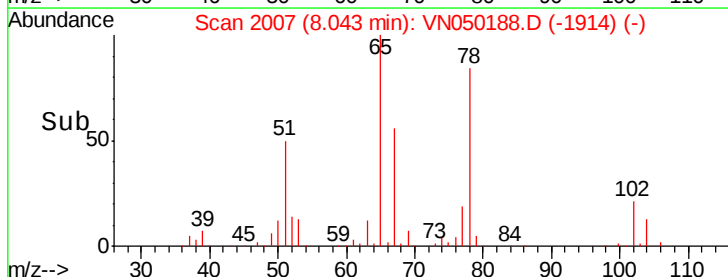
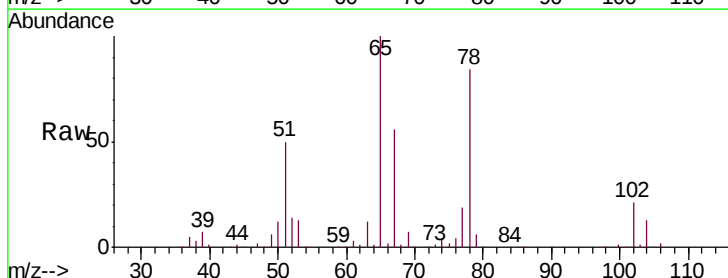
Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

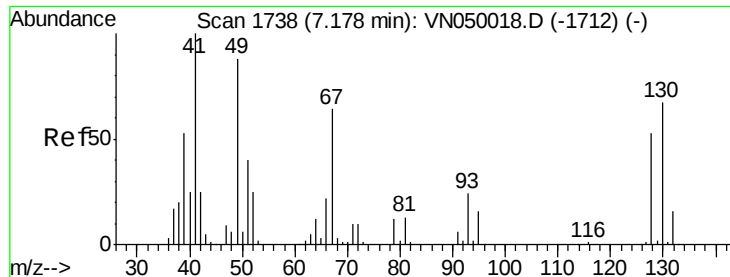
Tot Ion: 83 Resp: 3832
Ion Ratio Lower Upper
83 100
55 86.0 61.8 92.8
98 49.0 36.5 54.7



#40
Benzene
Concen: 7.11 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

Tgt Ion: 78 Resp: 268090
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1

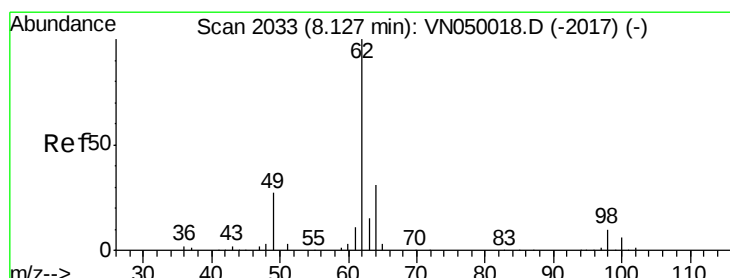
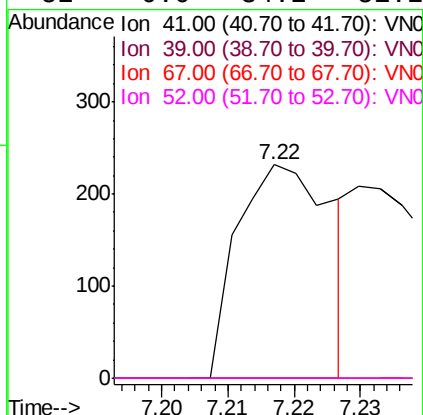
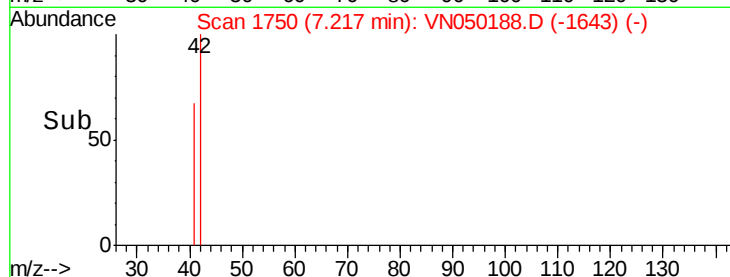
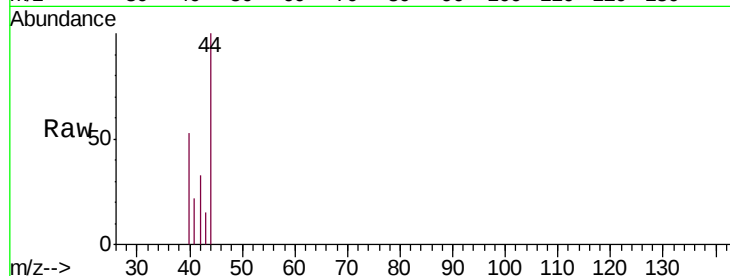




#41
Methacrylonitrile
Concen: 2.80 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

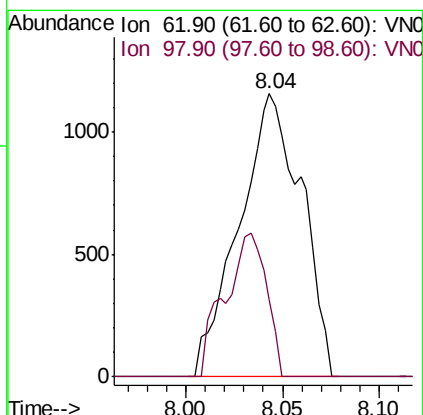
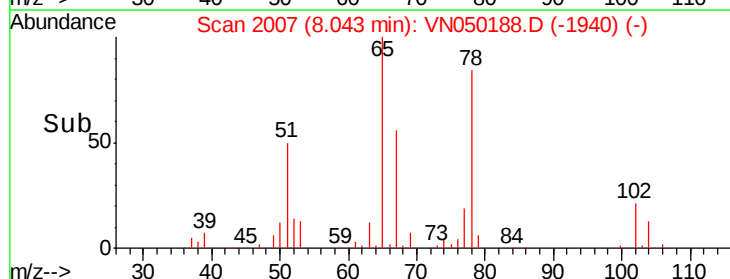
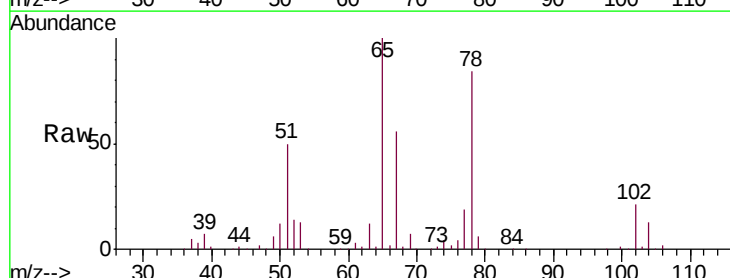
Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

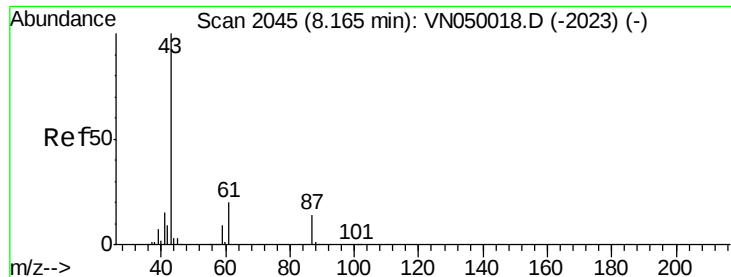
Tot Ion: 41 Resp: 229
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#42
1,2-Dichloroethane
Concen: 0.21 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.08 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

Tgt Ion: 62 Resp: 2610
Ion Ratio Lower Upper
62 100
98 33.8 0.0 18.8#





#43

Isopropyl Acetate

Concen: 11.43 ug/l

RT: 8.28 min Scan# 2080

Delta R.T. 0.11 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampled :

MW-2BDL

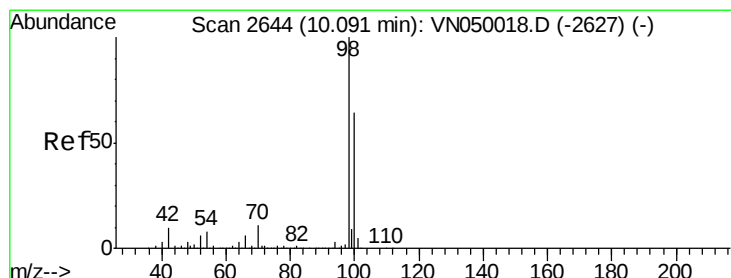
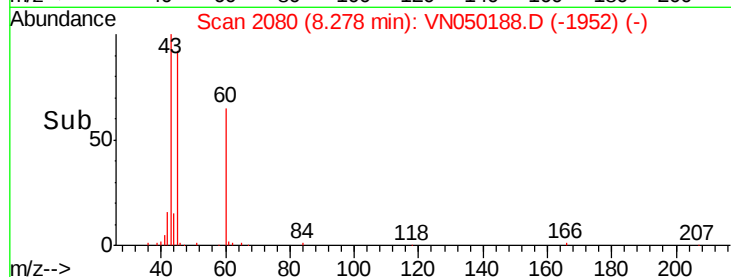
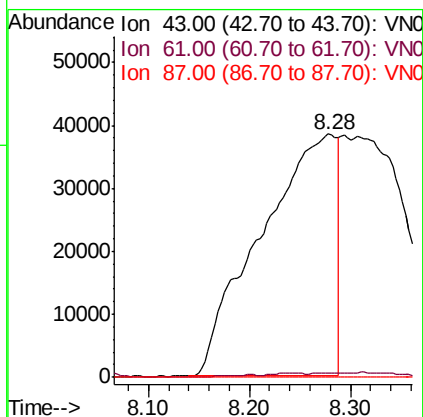
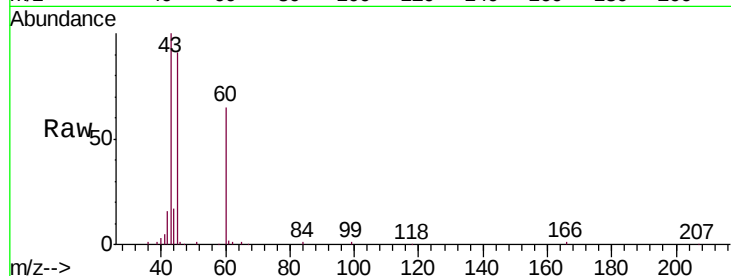
Tot Ion: 43 Resp: 200315

Ion Ratio Lower Upper

43 100

61 0.2 15.8 23.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 45.44 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050188.D

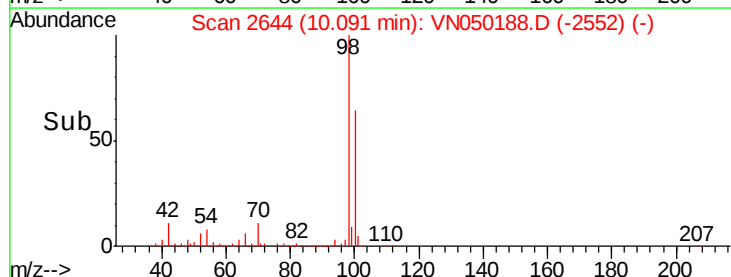
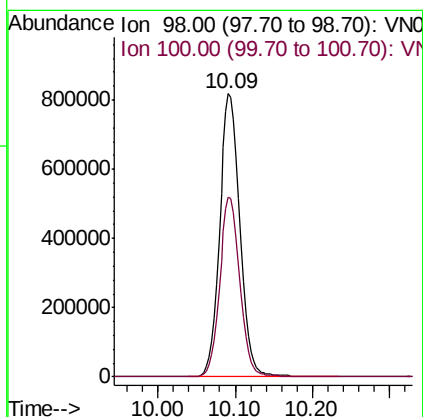
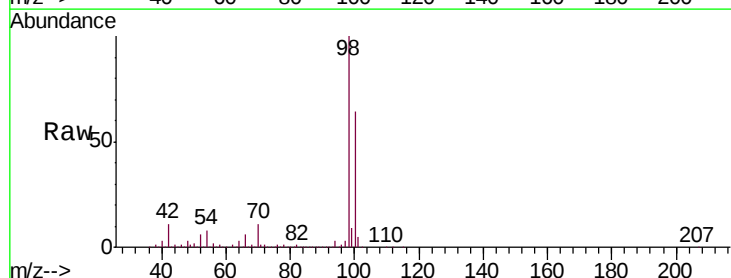
Acq: 30 Jul 2018 15:33

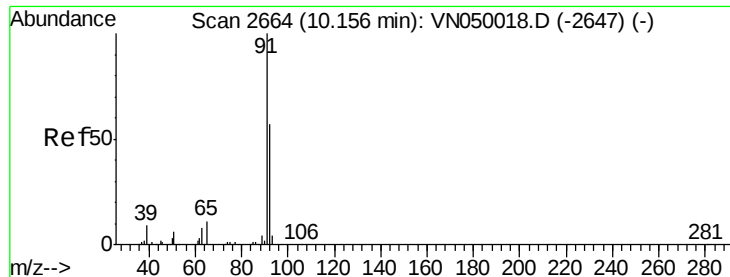
Tgt Ion: 98 Resp: 1499152

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1





#52

Toluene

Concen: 14.72 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

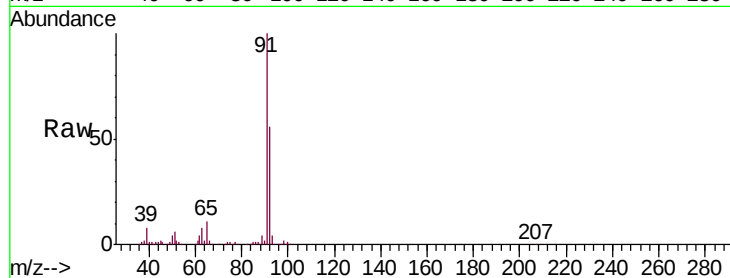
MW-2BDL

Tot Ion: 92 Resp: 327446

Ion Ratio Lower Upper

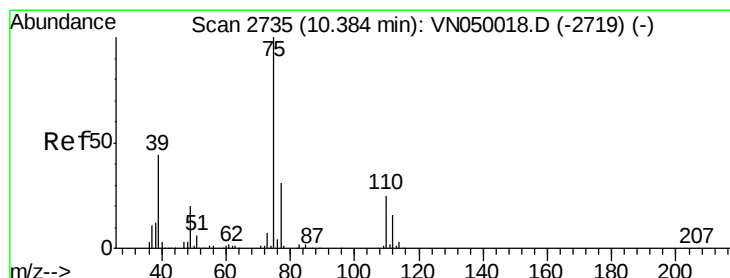
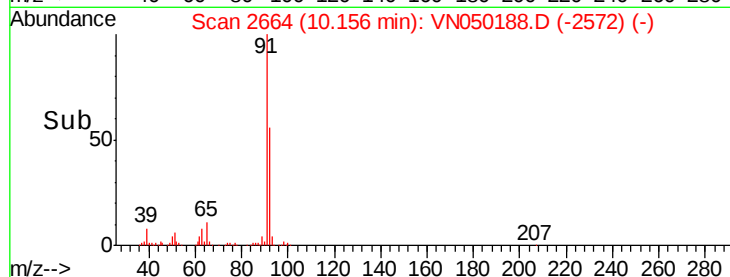
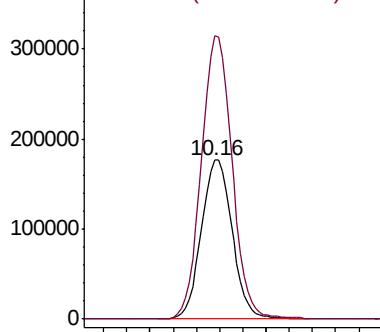
92 100

91 177.7 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.32 ug/l

RT: 10.15 min Scan# 2663

Delta R.T. -0.23 min

Lab File: VN050188.D

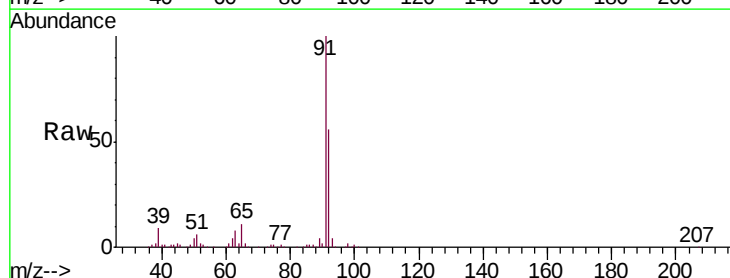
Acq: 30 Jul 2018 15:33

Tgt Ion: 75 Resp: 3937

Ion Ratio Lower Upper

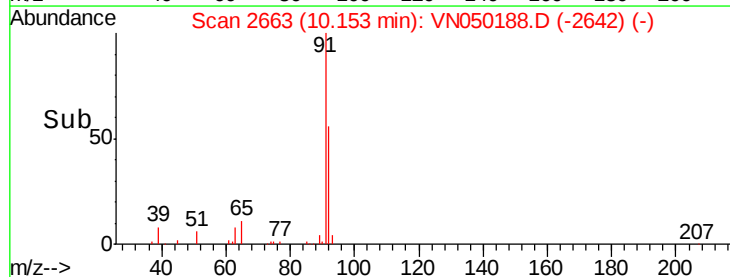
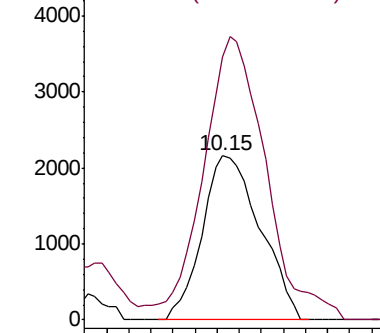
75 100

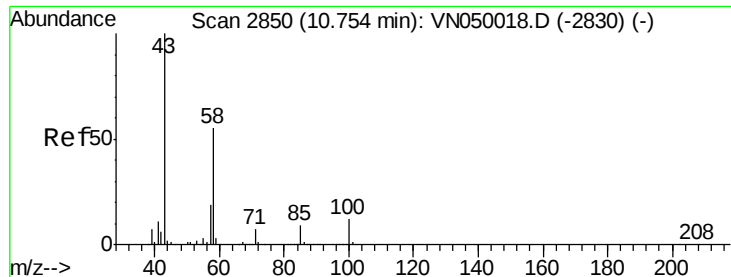
77 151.1 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

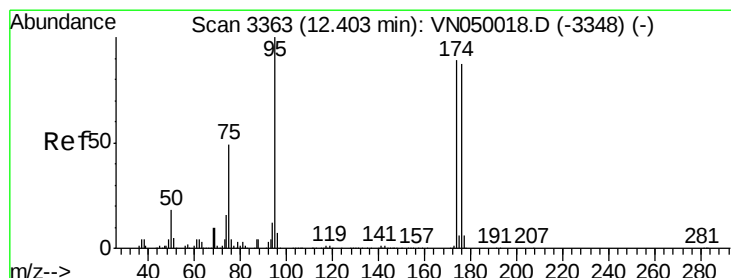
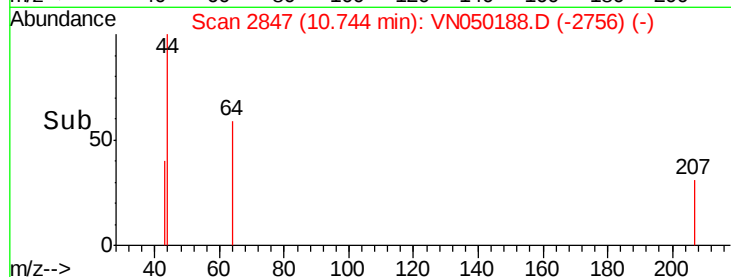
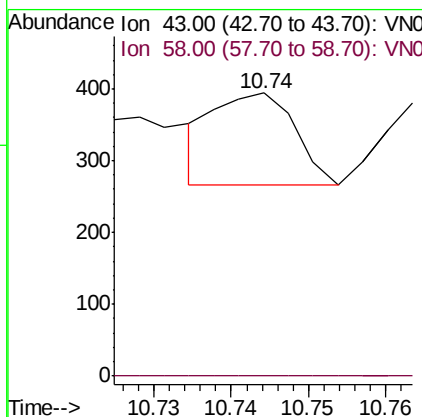
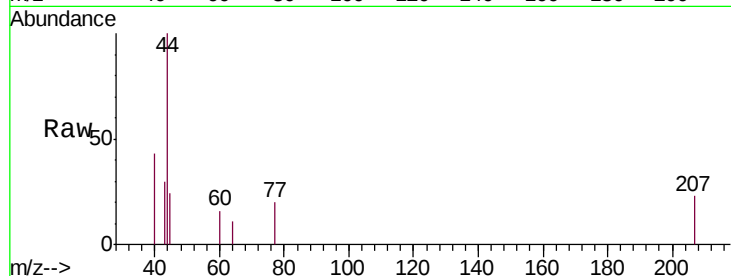




#59
2-Hexanone
Concen: 5.19 ug/l
RT: 10.74 min Scan# 2847
Delta R.T. -0.01 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

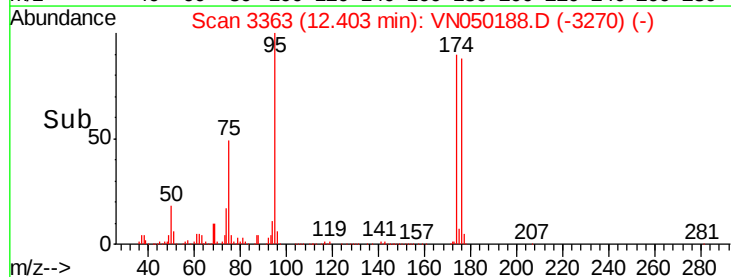
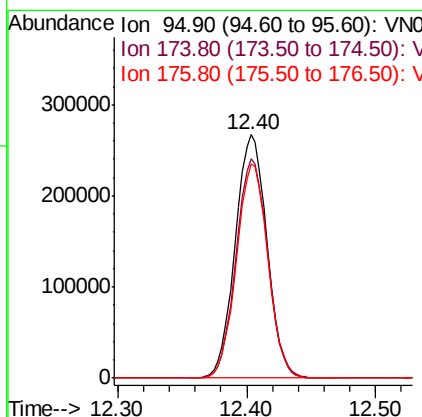
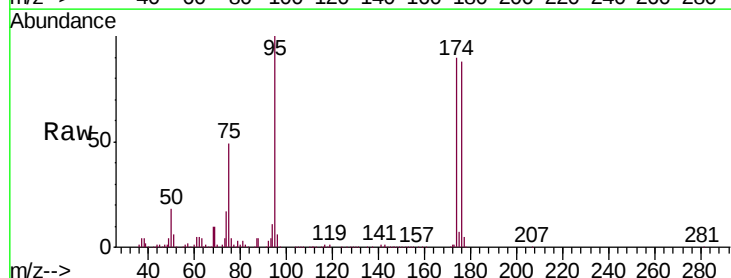
Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

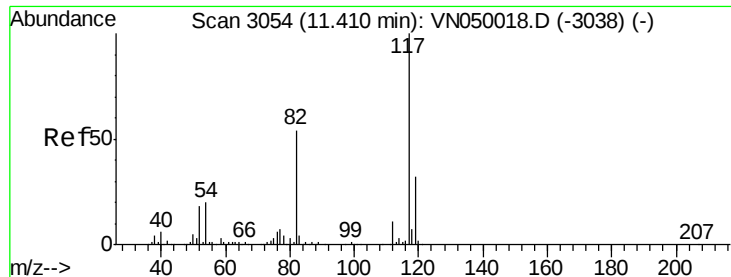
Tot Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
58 0.0 27.6 82.7#



#62
4-Bromofluorobenzene
Concen: 42.08 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

Tgt Ion: 95 Resp: 457131
Ion Ratio Lower Upper
95 100
174 90.4 0.0 178.2
176 87.3 0.0 173.4

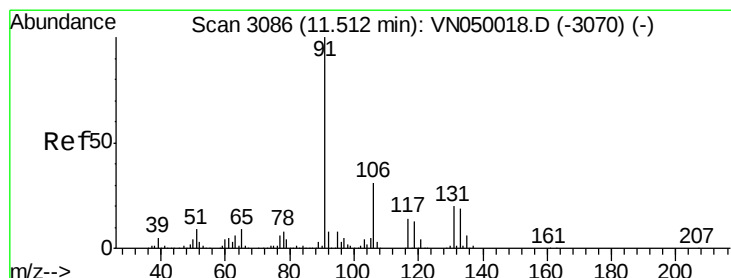
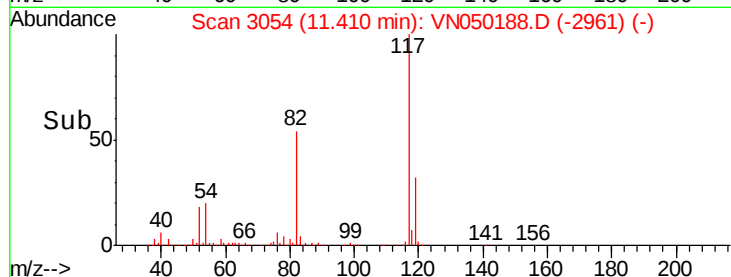
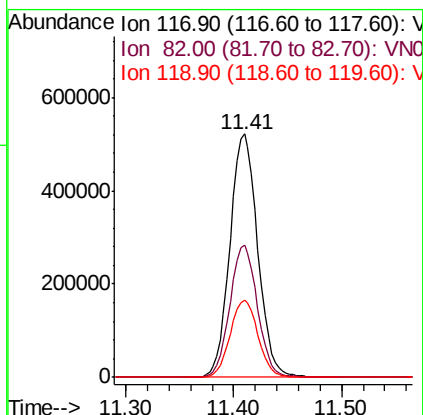
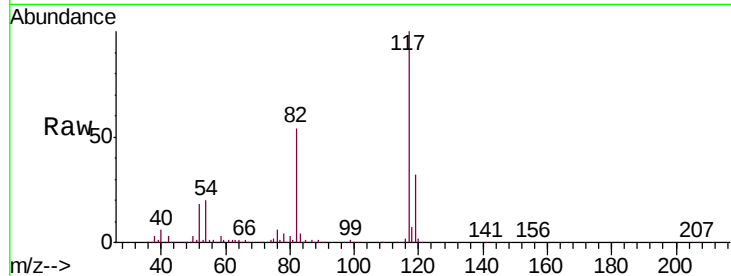




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

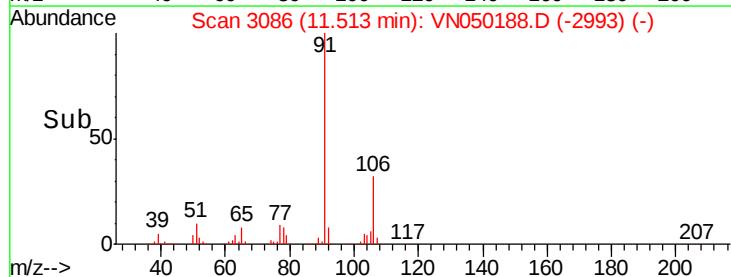
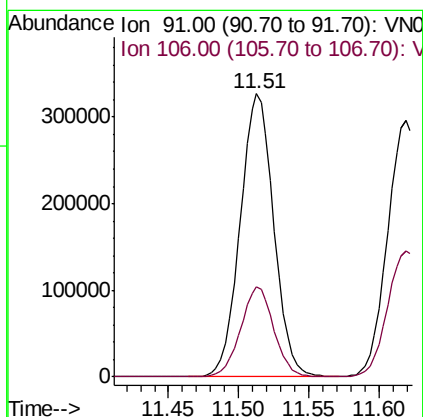
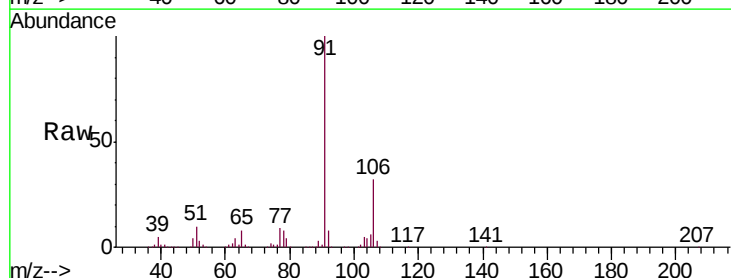
Instrument :
MSVOA_N
ClientSampled :
MW-2BDL

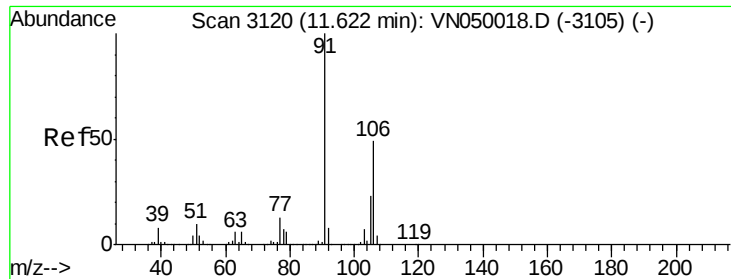
Tot Ion:117 Resp: 930164
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 31.9 26.1 39.1



#67
Ethyl Benzene
Concen: 14.44 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

Tgt Ion: 91 Resp: 544915
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4

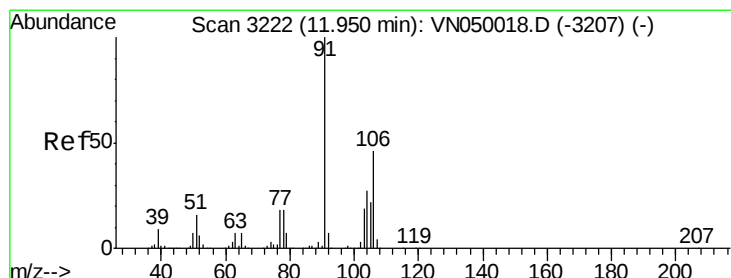
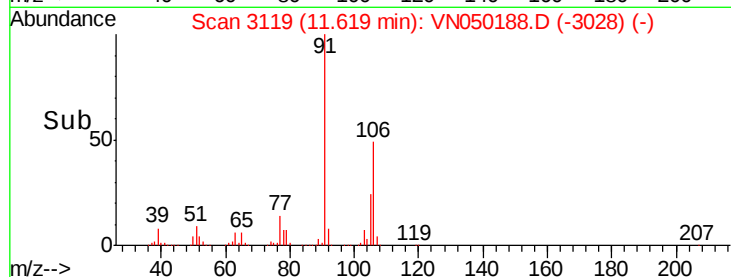
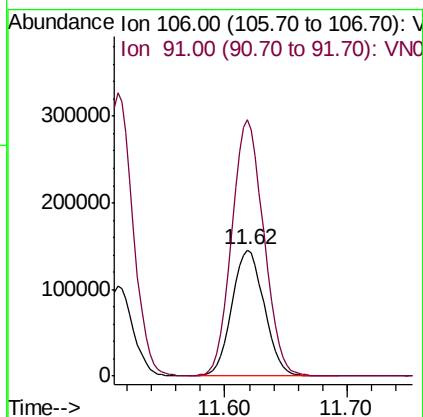
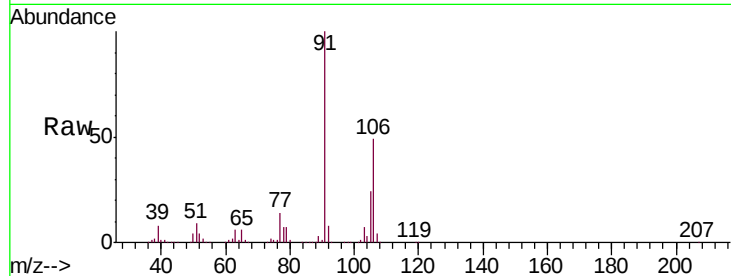




#68
m/p-Xylenes
Concen: 18.84 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

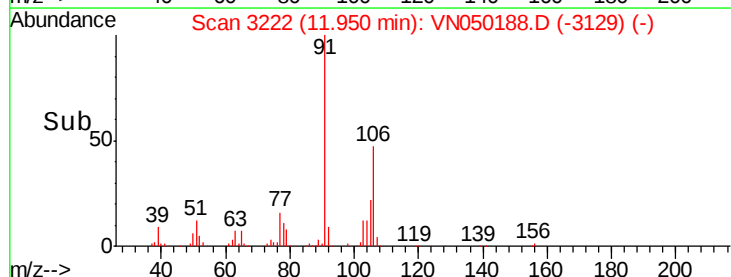
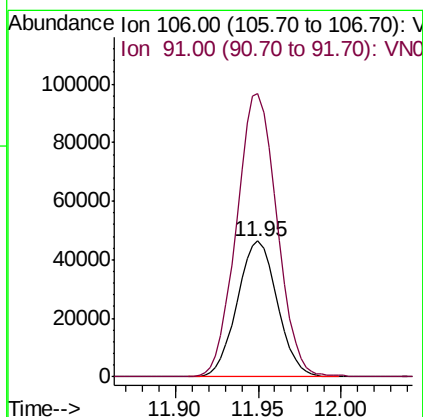
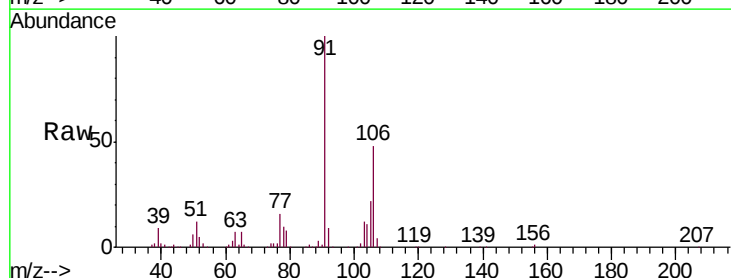
Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

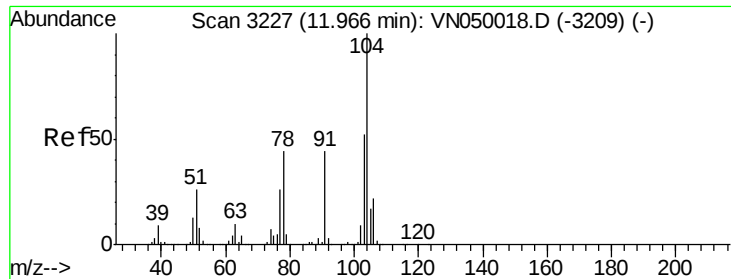
Tot Ion:106 Resp: 268990
Ion Ratio Lower Upper
106 100
91 200.6 162.2 243.2



#69
o-Xylene
Concen: 5.74 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

Tgt Ion:106 Resp: 78050
Ion Ratio Lower Upper
106 100
91 209.2 107.7 323.1





#70

Stvrene

Concen: 2.64 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

MW-2BDL

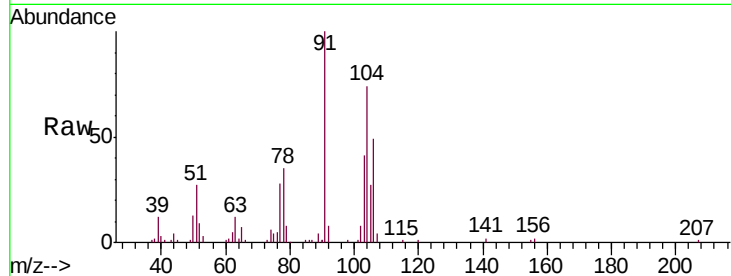
Tot Ion:104 Resp: 42457

Ion Ratio Lower Upper

104 100

78 62.9 39.3 58.9#

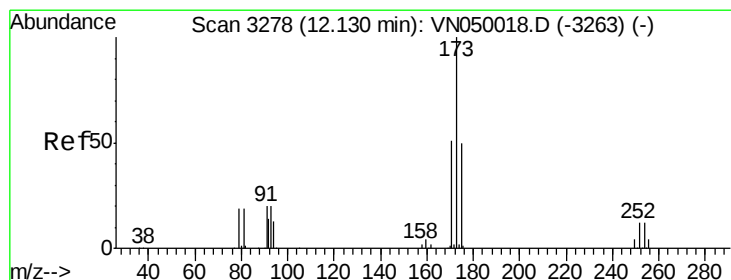
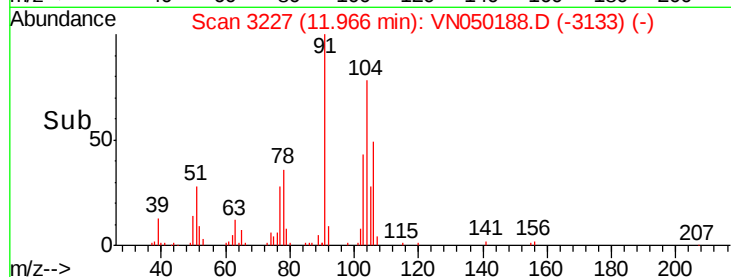
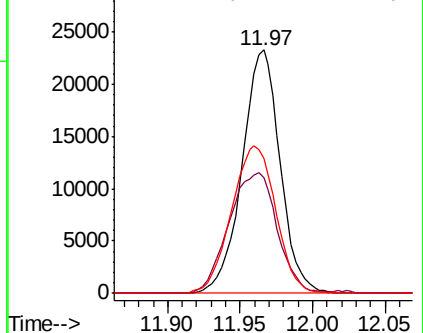
103 70.5 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.59 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

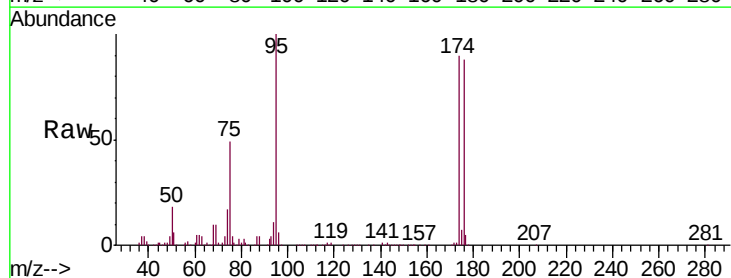
Tgt Ion:173 Resp: 3904

Ion Ratio Lower Upper

173 100

175 684.6 24.1 72.2#

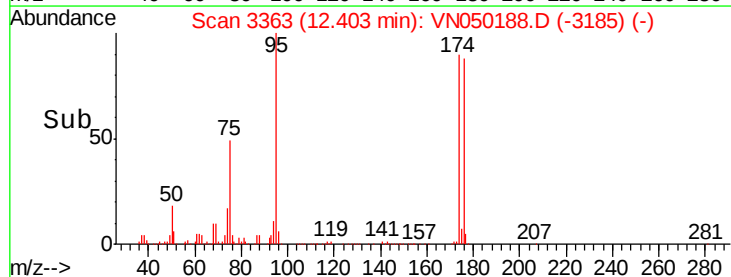
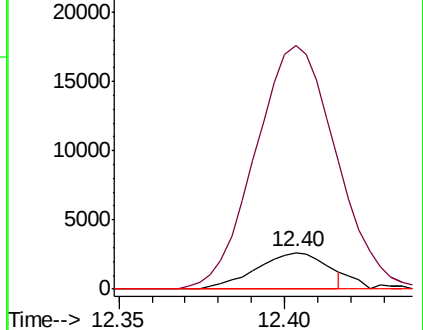
254 0.0 0.2 0.2#

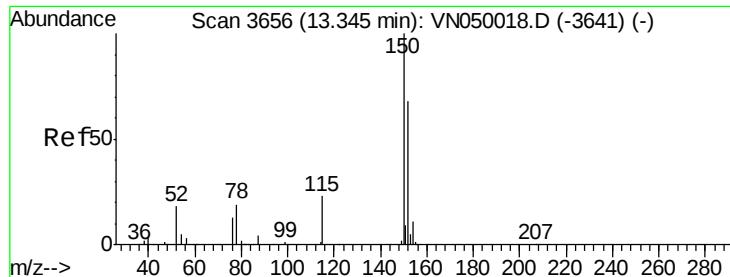


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

MW-2BDL

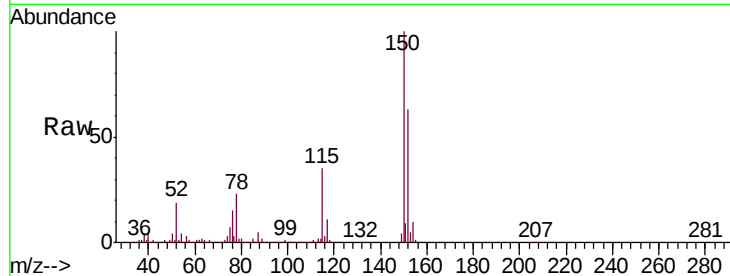
Tot Ion:152 Resp: 408695

Ion Ratio Lower Upper

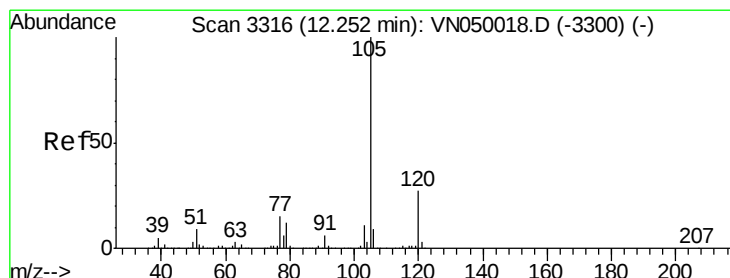
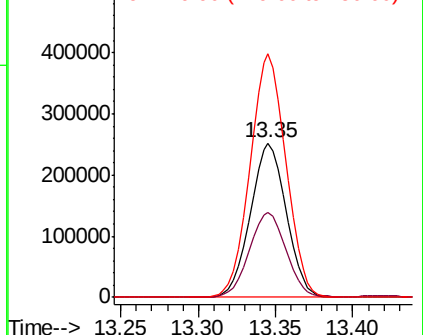
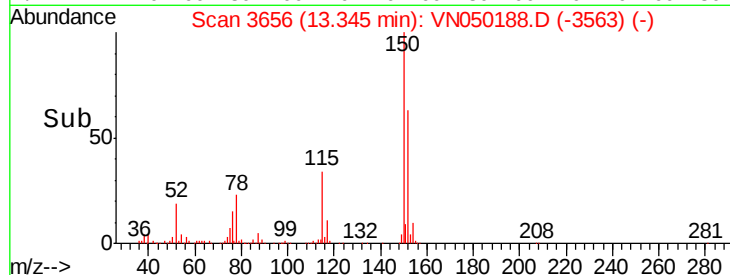
152 100

115 55.7 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



#73

Isopropylbenzene

Concen: 0.81 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050188.D

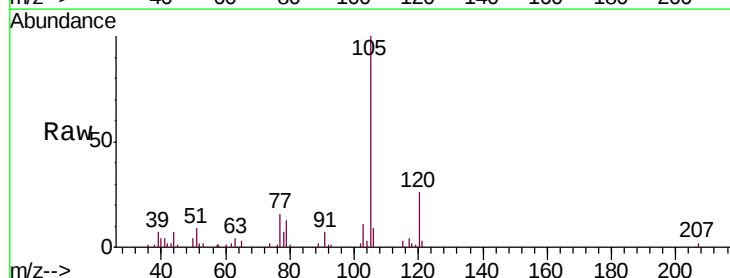
Acq: 30 Jul 2018 15:33

Tgt Ion:105 Resp: 25637

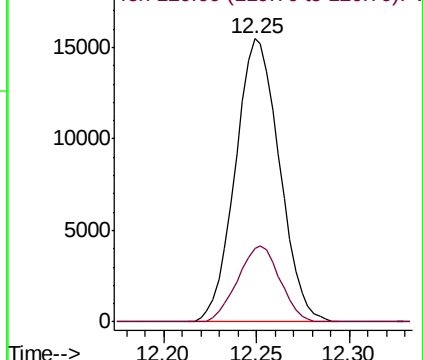
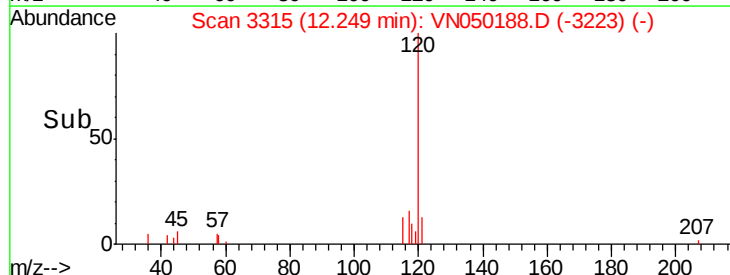
Ion Ratio Lower Upper

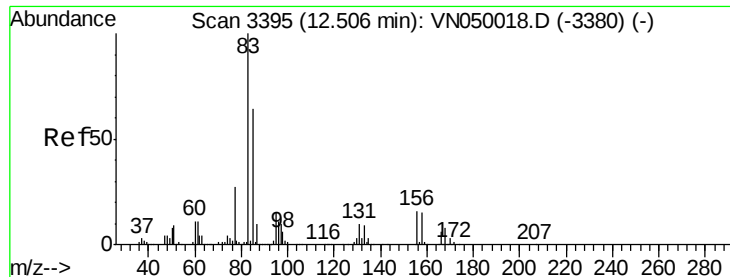
105 100

120 25.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

MW-2BDL

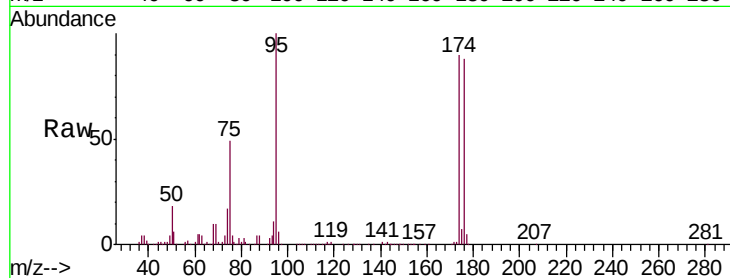
Tot Ion: 83 Resp: 148

Ion Ratio Lower Upper

83 100

131 383.8 5.1 15.3#

85 0.0 32.3 96.8#

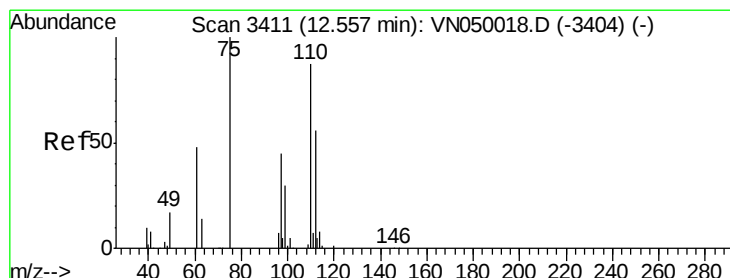
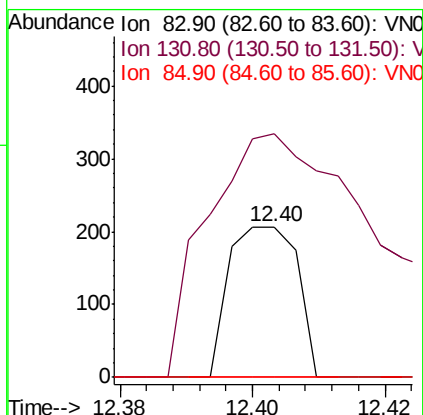
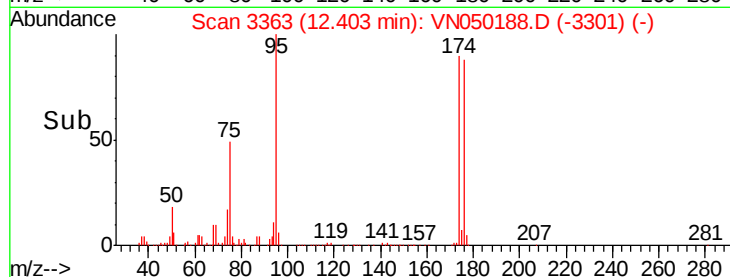


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO

Time--> 12.38 12.40 12.42



#76

1,2,3-Trichloropropane

Concen: 29.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050188.D

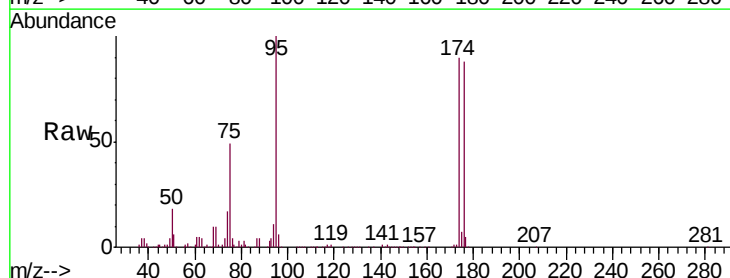
Acq: 30 Jul 2018 15:33

Tgt Ion: 75 Resp: 223337

Ion Ratio Lower Upper

75 100

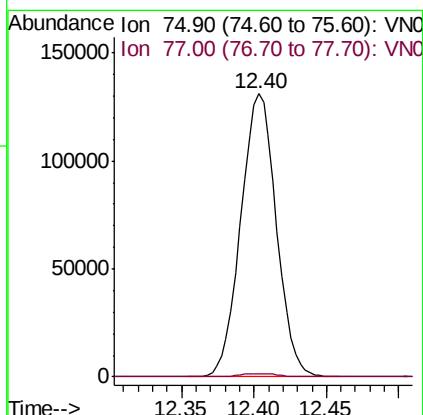
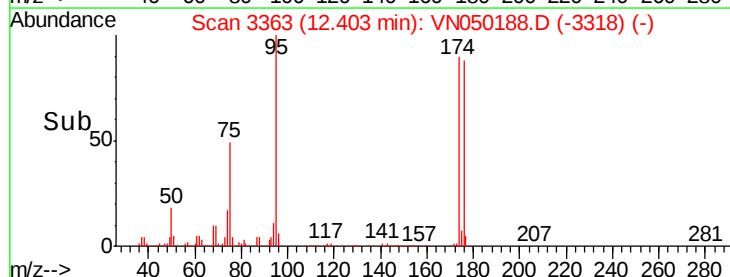
77 1.3 0.0 0.0#

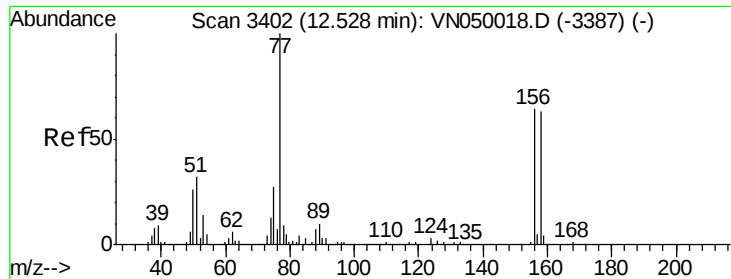


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

Time--> 12.35 12.40 12.45





#77

Bromobenzene

Concen: 0.32 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampled :

MW-2BDL

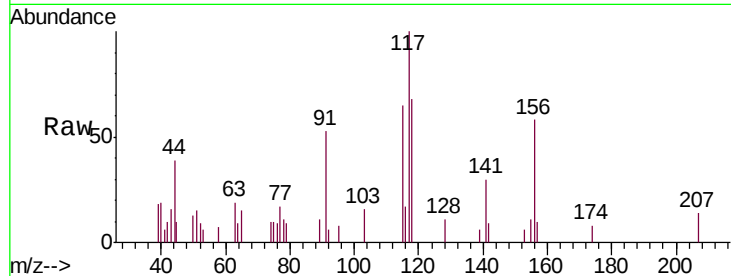
Tot Ion:156 Resp: 2820

Ion Ratio Lower Upper

156 100

77 0.0 91.7 275.1#

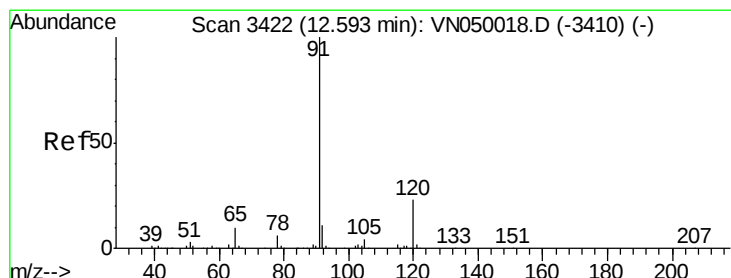
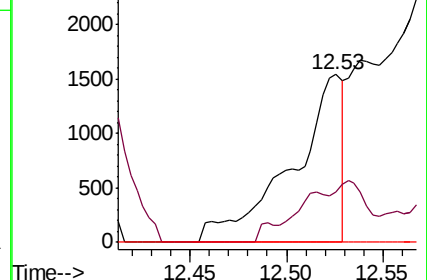
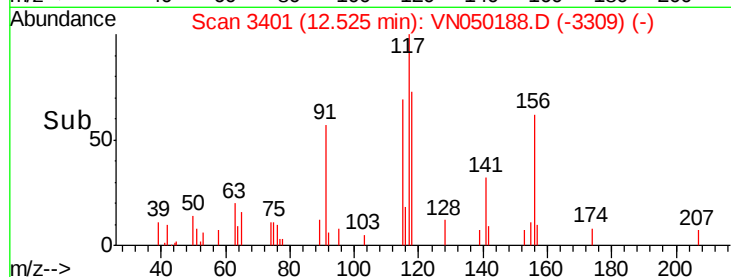
158 0.0 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.49 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050188.D

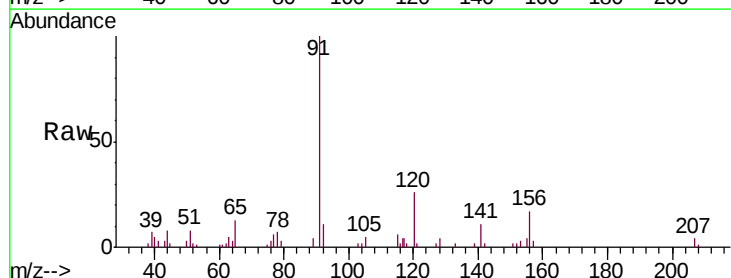
Acq: 30 Jul 2018 15:33

Tgt Ion: 91 Resp: 17491

Ion Ratio Lower Upper

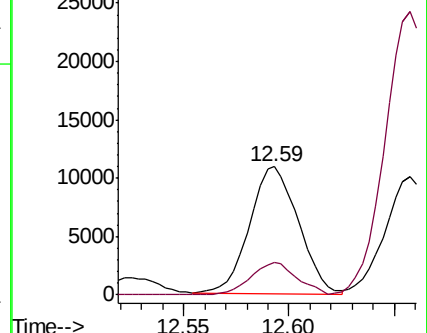
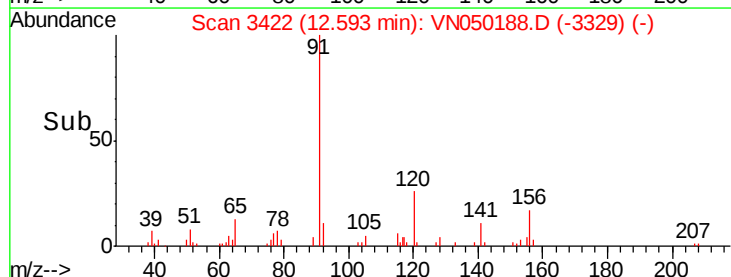
91 100

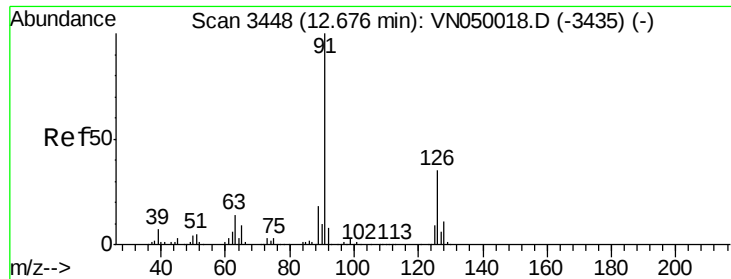
120 24.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.89 ug/l

RT: 12.66 min Scan# 3442

Delta R.T. -0.02 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

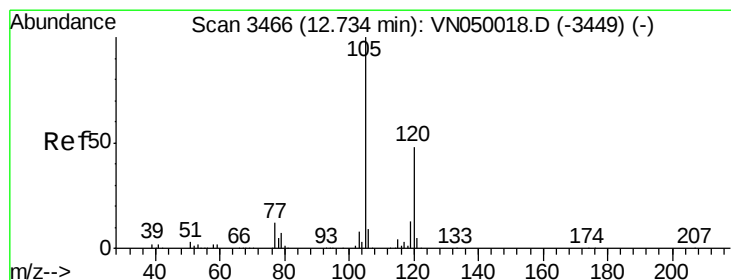
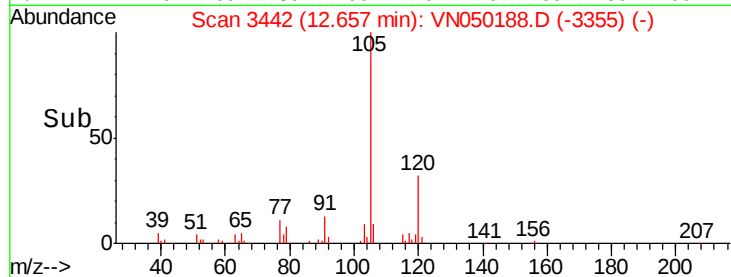
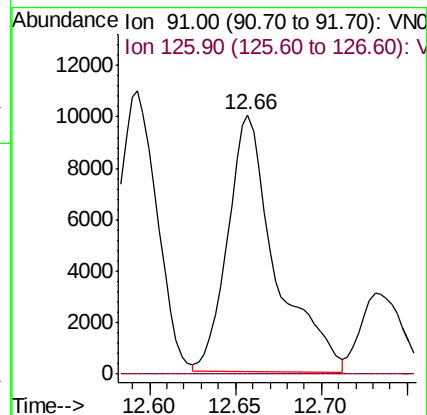
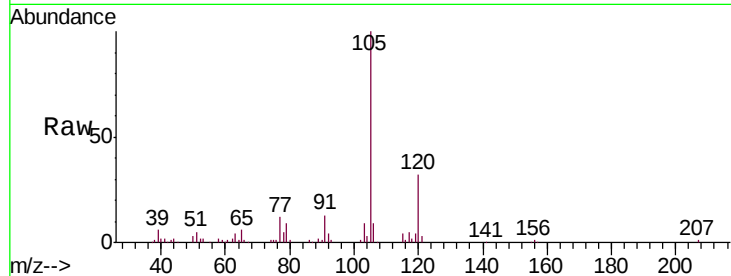
MW-2BDL

Tot Ion: 91 Resp: 19512

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: 1.80 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050188.D

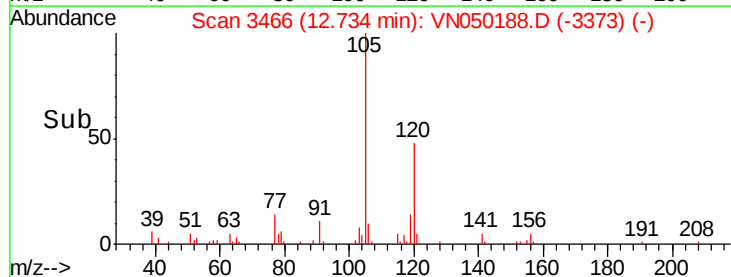
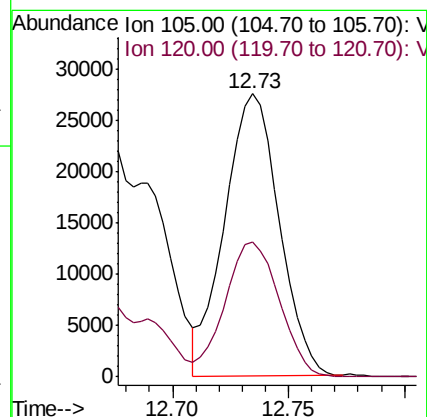
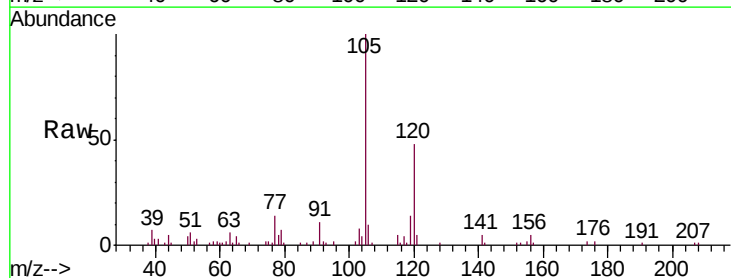
Acq: 30 Jul 2018 15:33

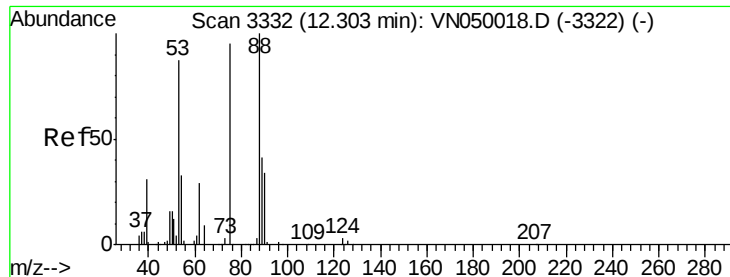
Tgt Ion: 105 Resp: 44968

Ion Ratio Lower Upper

105 100

120 47.7 24.4 73.2

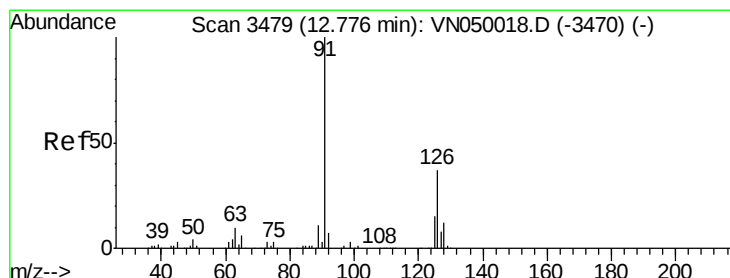
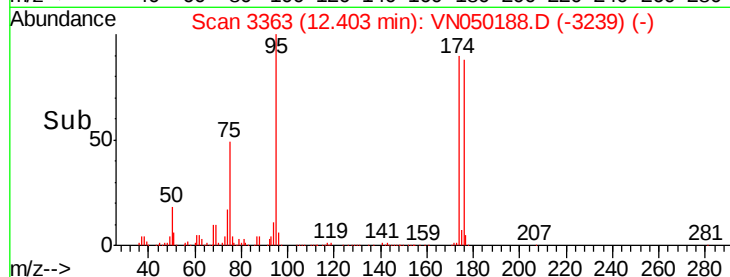
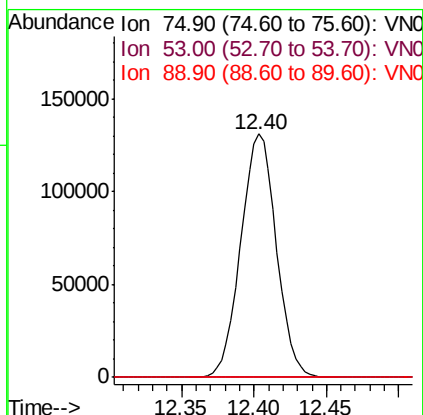
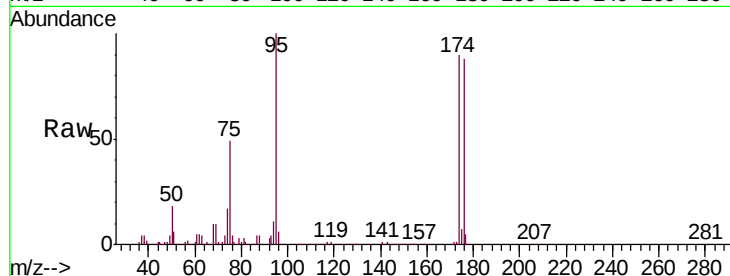




#81
trans-1,4-Dichloro-2-butene
Concen: 93.27 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

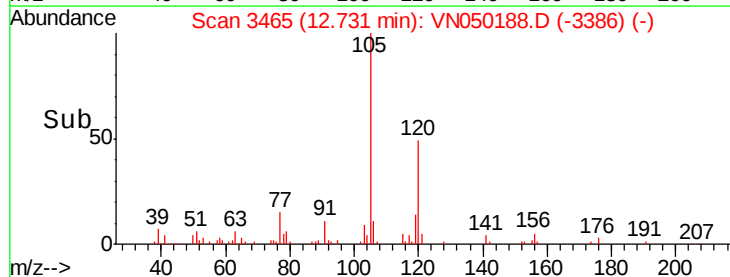
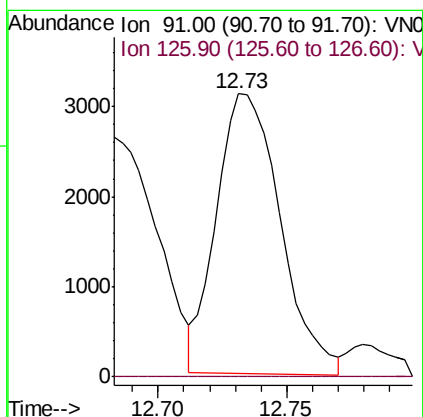
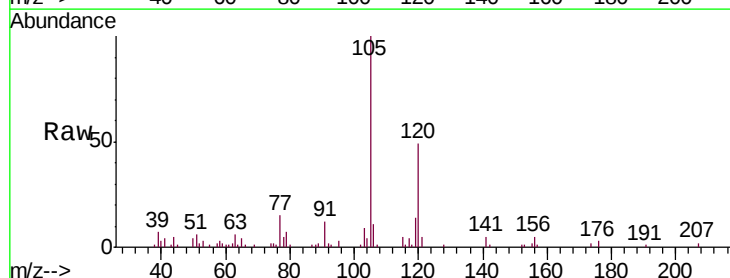
Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

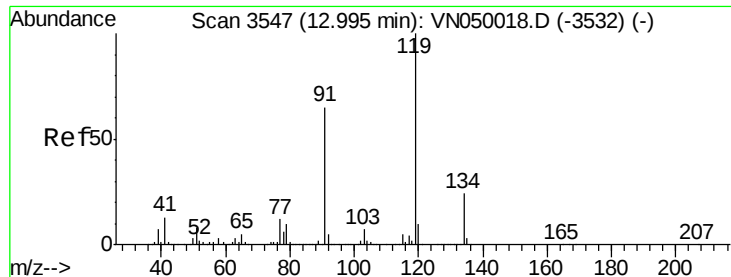
Tot Ion: 75 Resp: 22337
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 0.0 36.0 54.0#



#82
4-Chlorotoluene
Concen: 0.25 ug/l
RT: 12.73 min Scan# 3465
Delta R.T. -0.04 min
Lab File: VN050188.D
Acq: 30 Jul 2018 15:33

Tgt Ion: 91 Resp: 5379
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#





#83

tert-Butylbenzene

Concen: 0.62 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampled :

MW-2BDL

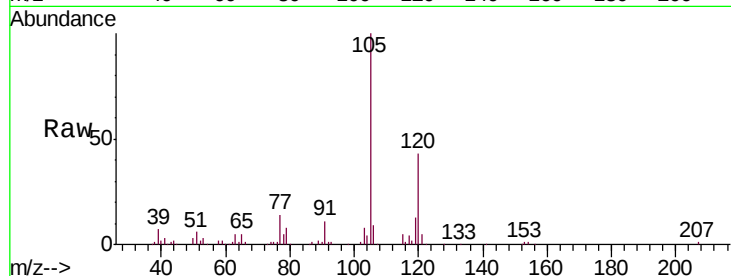
Tot Ion:119 Resp: 13502

Ion Ratio Lower Upper

119 100

91 97.7 32.1 96.3#

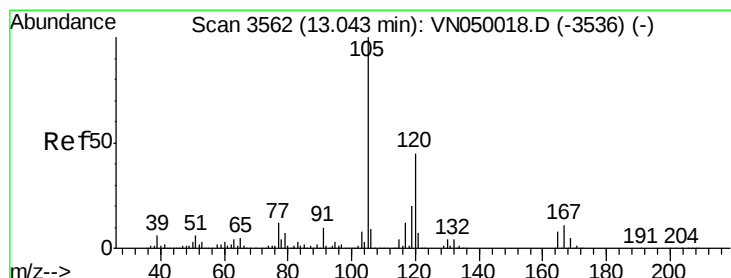
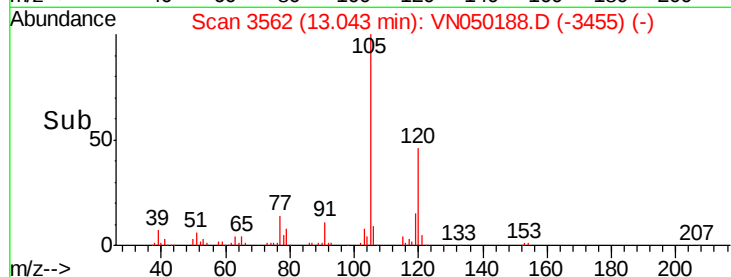
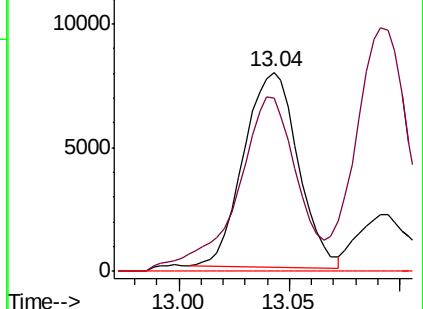
134 0.0 13.2 39.5#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.98 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050188.D

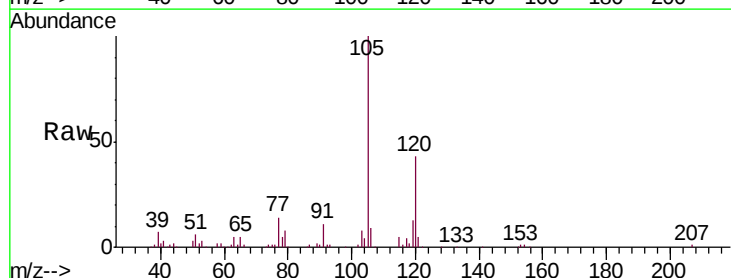
Acq: 30 Jul 2018 15:33

Tgt Ion:105 Resp: 100116

Ion Ratio Lower Upper

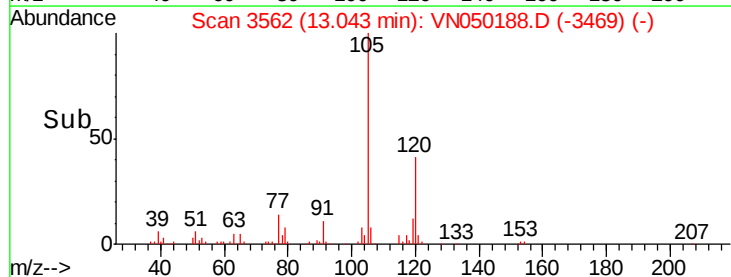
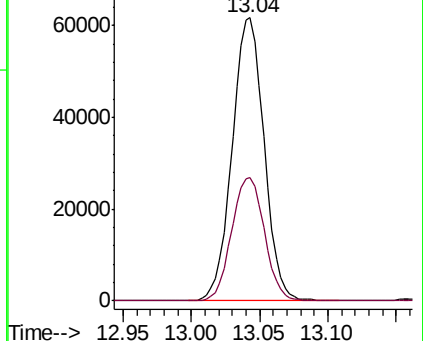
105 100

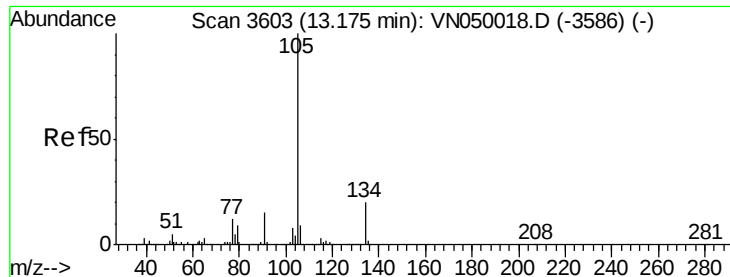
120 44.7 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 3.44 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.13 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampled :

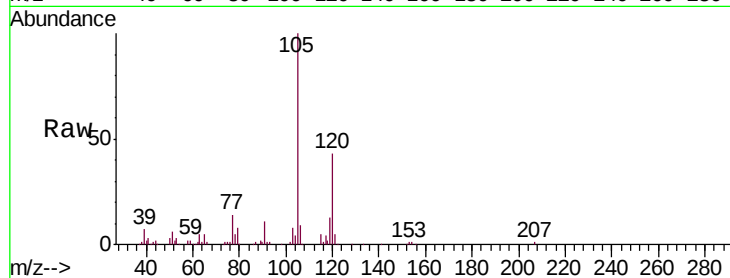
MW-2BDL

Tot Ion:105 Resp: 100116

Ion Ratio Lower Upper

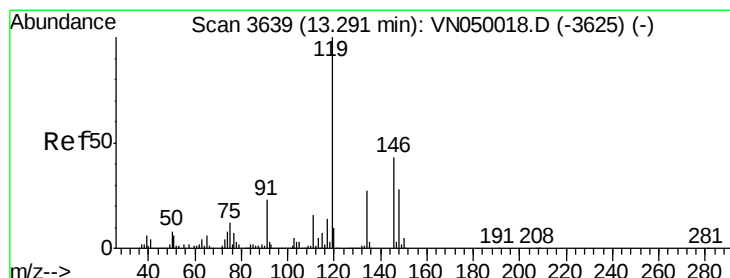
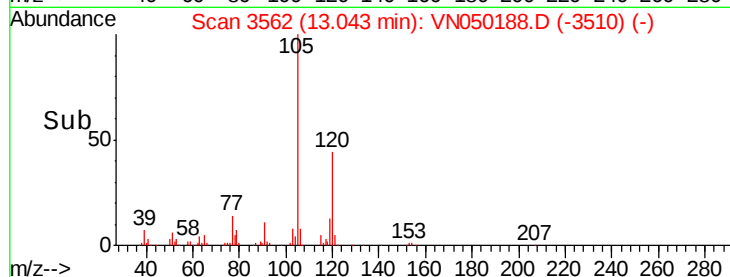
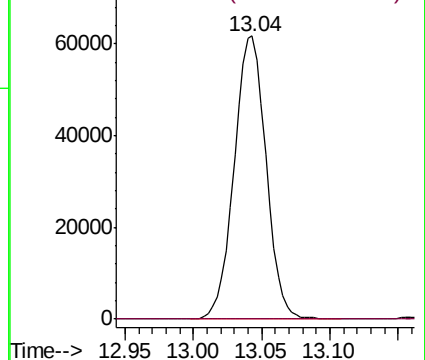
105 100

134 0.0 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.76 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

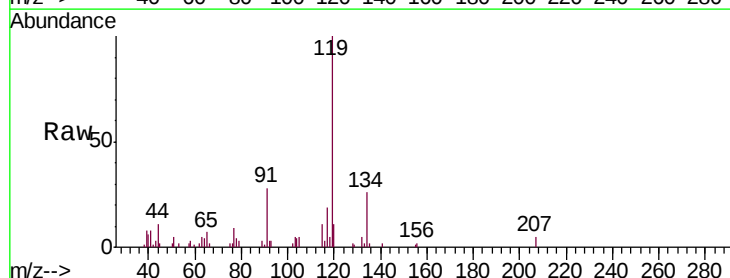
Tgt Ion:119 Resp: 18675

Ion Ratio Lower Upper

119 100

134 24.7 13.3 39.8

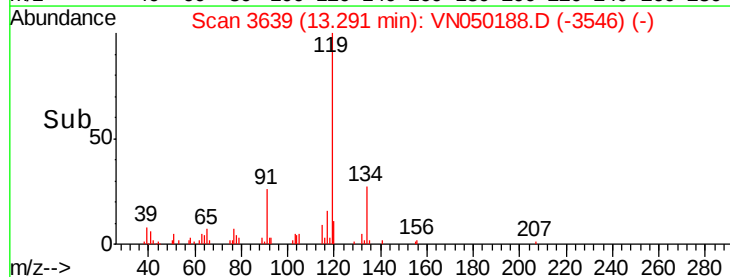
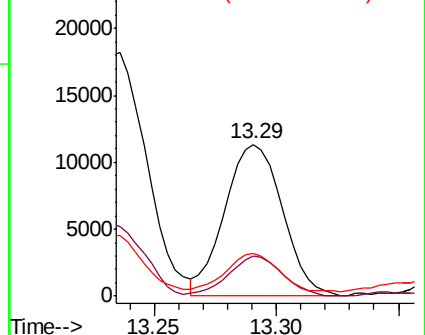
91 25.7 11.4 34.2

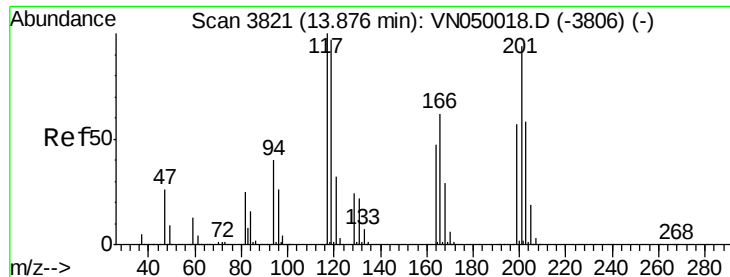


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#90

Hexachloroethane

Concen: 0.37 ug/l

RT: 13.82 min Scan# 3805

Delta R.T. -0.05 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampled :

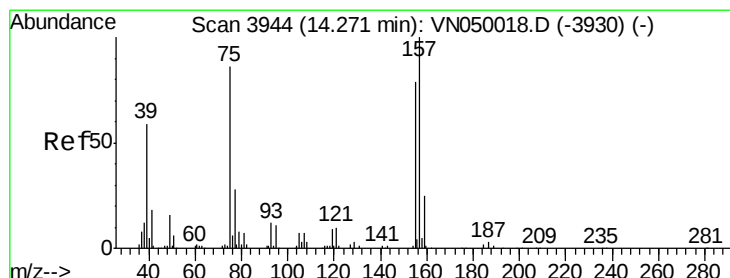
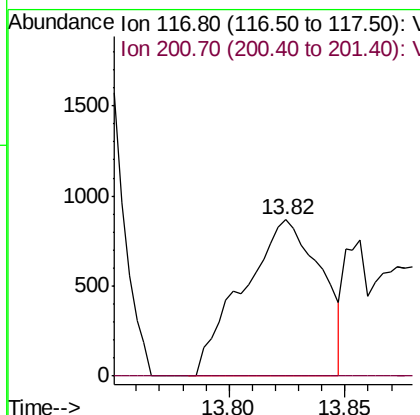
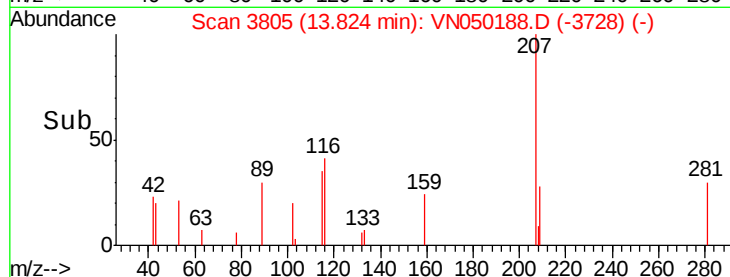
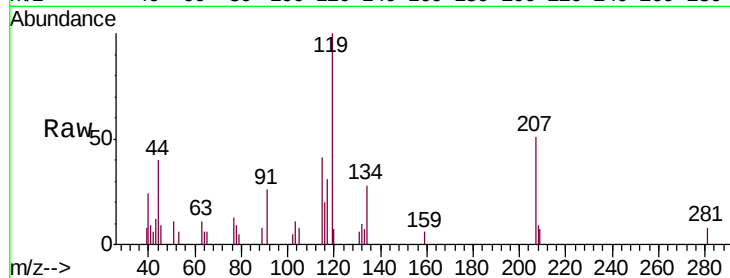
MW-2BDL

Tot Ion:117 Resp: 2035

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

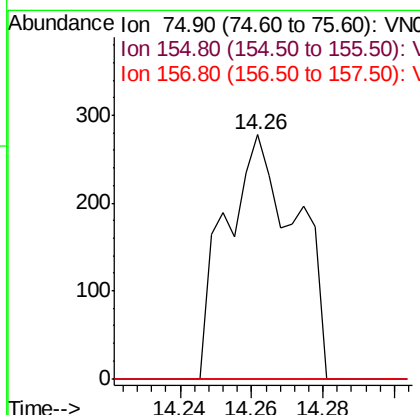
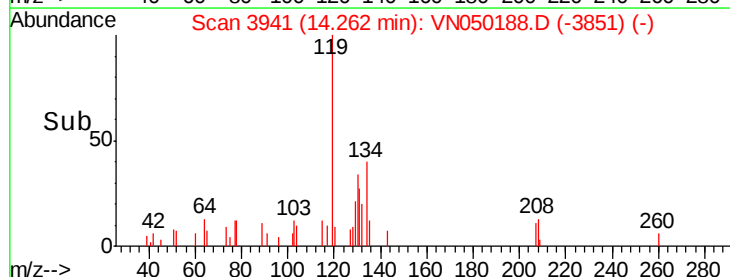
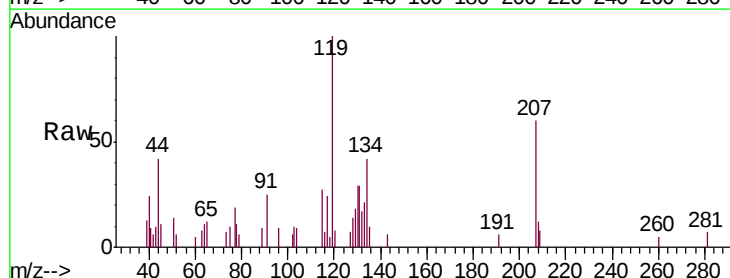
Tgt Ion: 75 Resp: 381

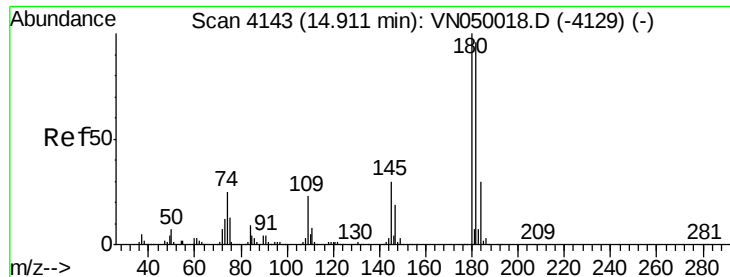
Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#





#93

1,2,4-Trichlorobenzene

Concen: 3.09 ug/l

RT: 14.90 min Scan# 4141

Delta R.T. -0.01 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

MW-2BDL

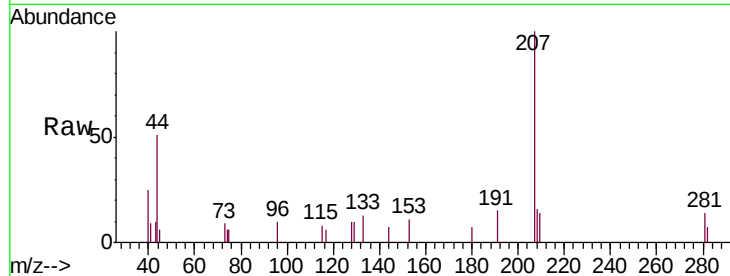
Tot Ion:180 Resp: 67

Ion Ratio Lower Upper

180 100

182 226.9 46.7 140.1#

145 0.0 13.8 41.4#

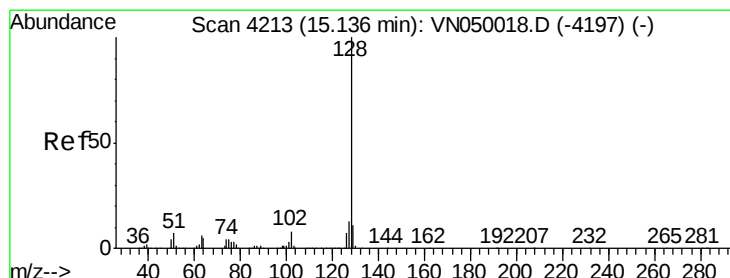
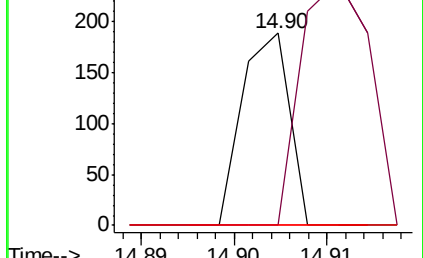
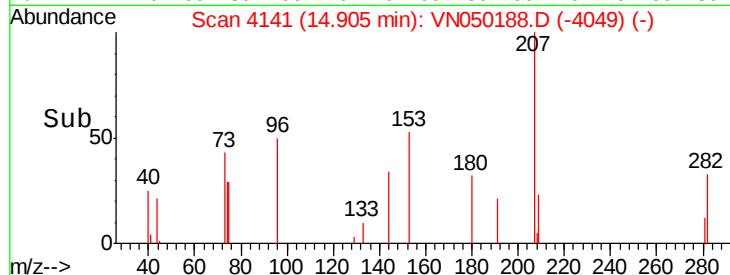


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

Time-->



#95

Naphthalene

Concen: 108.34 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050188.D

Acq: 30 Jul 2018 15:33

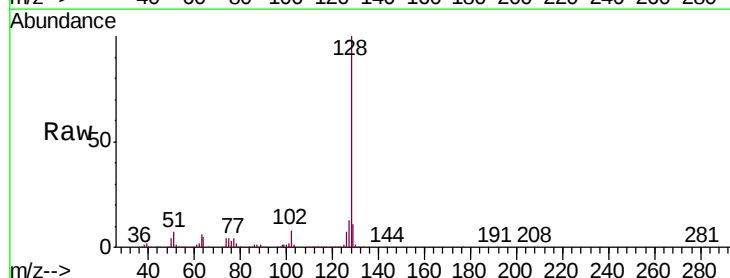
Tgt Ion:128 Resp: 2127658

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 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

Time-->

