

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050104.D
 Acq On : 27 Jul 2018 1:10
 Operator : MD\SY
 Sample : J4184-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSA

Quant Time: Jul 27 04:03:57 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	693459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1115128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	943999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	418243	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	479794	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.59	113	421487	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
50) Toluene-d8	10.09	98	1528420	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
62) 4-Bromofluorobenzene	12.40	95	479166	43.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.94%	

Target Compounds

						Qvalue
5) Bromomethane	2.57	94	1302	Below Cal		87
11) Tert butyl alcohol	4.74	59	798	1.12 ug/l	#	72
16) Acetone	3.83	43	8931	Below Cal		94
18) Methyl Acetate	4.34	43	10439	Below Cal		99
20) Methylene Chloride	4.70	84	29	Below Cal	#	8
25) 2-Butanone	6.84	43	1491	0.40 ug/l		97
31) Cyclohexane	7.67	56	16179	1.15 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	49413	3.93 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	62318	4.67 ug/l	#	16
39) Methylcyclohexane	9.08	83	5543	0.43 ug/l		100
40) Benzene	8.05	78	1357214	35.50 ug/l		100
41) Methacrylonitrile	7.18	41	147	2.78 ug/l	#	10
42) 1,2-Dichloroethane	8.04	62	10905	0.86 ug/l		95
43) Isopropyl Acetate	8.28	43	249657	14.31 ug/l	#	61
51) 4-Methyl-2-Pentanone	9.93	43	2720	0.32 ug/l	#	35
52) Toluene	10.16	92	168523	7.47 ug/l		99
56) Ethyl methacrylate	10.43	69	359	2.06 ug/l	#	1
59) 2-Hexanone	10.76	43	140	5.20 ug/l		66
67) Ethyl Benzene	11.51	91	764037	19.95 ug/l		99
68) m/p-Xylenes	11.63	106	167551	11.56 ug/l		99
69) o-Xylene	11.95	106	143387	10.38 ug/l		99
70) Styrene	11.95	104	14654	1.51 ug/l	#	1
73) Isopropylbenzene	12.25	105	172589	5.32 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.57	83	60	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	234674	30.19 ug/l	#	100
78) n-propylbenzene	12.59	91	35971	0.99 ug/l		98
79) 2-Chlorotoluene	12.69	91	12464	0.55 ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	27487	1.08 ug/l		93
81) trans-1,4-Dichloro-2-buten	12.40	75	234674	95.76 ug/l	#	13
83) tert-Butylbenzene	13.04	119	18797	0.84 ug/l	#	51
84) 1,2,4-Trimethylbenzene	13.04	105	136966	5.33 ug/l		100
85) sec-Butylbenzene	13.04	105	136966	4.60 ug/l	#	56
86) p-Isopropyltoluene	13.29	119	9062	0.36 ug/l		95
89) n-Butylbenzene	13.54	91	57599	2.79 ug/l	#	44

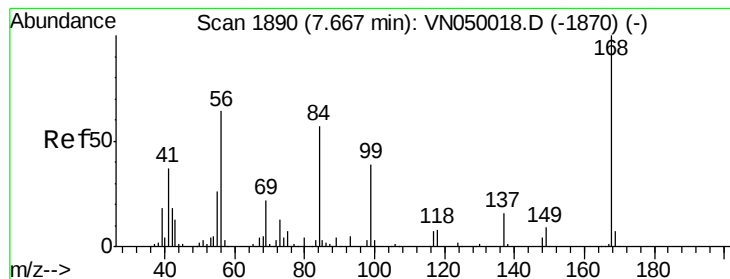
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050104.D
Acq On : 27 Jul 2018 1:10
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Quant Time: Jul 27 04:03:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	4890	0.88	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1111	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	775	3.18	ug/l #	19
95) Naphthalene	15.14	128	981232	51.25	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	800	2.30	ug/l #	75

(#) = 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: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

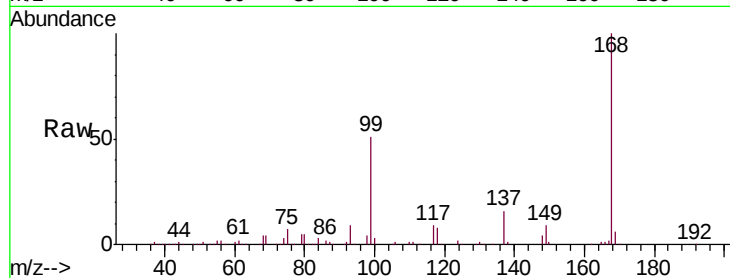
MW-7BSA

Tot Ion:168 Resp: 693459

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

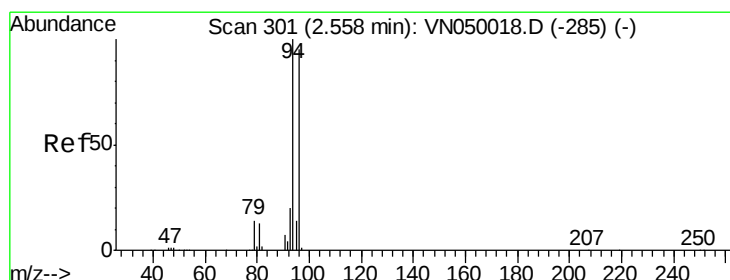
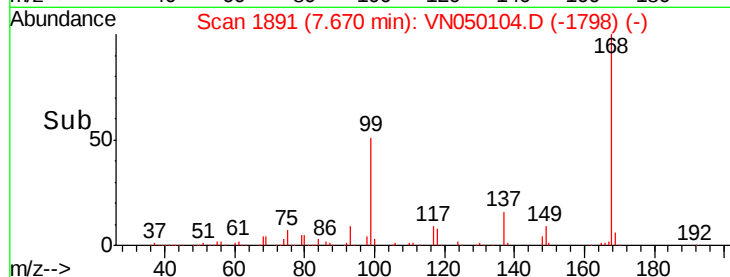
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: VN050104.D

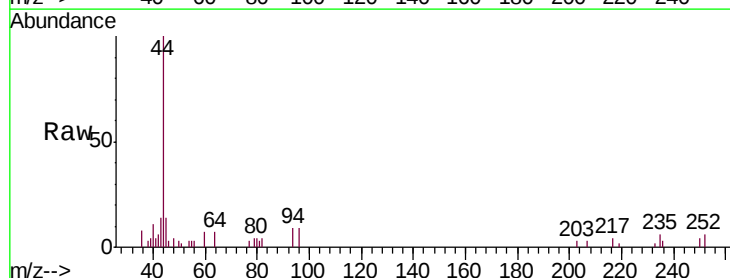
Acq: 27 Jul 2018 1:10

Tgt Ion: 94 Resp: 1302

Ion Ratio Lower Upper

94 100

96 81.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050018.D (-285) (-)

Ion 95.90 (95.60 to 96.60): VN050018.D (-285) (-)

2.57

800

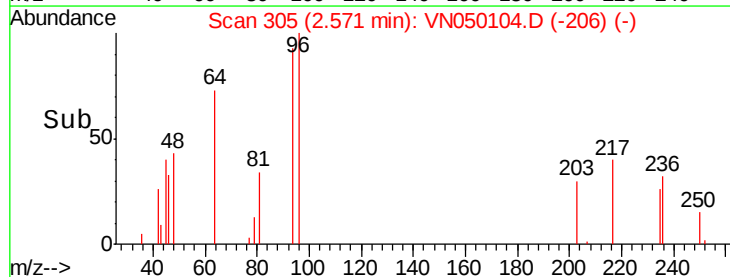
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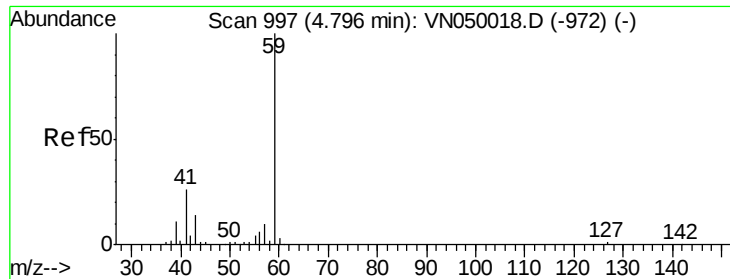
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200

0

Time-->

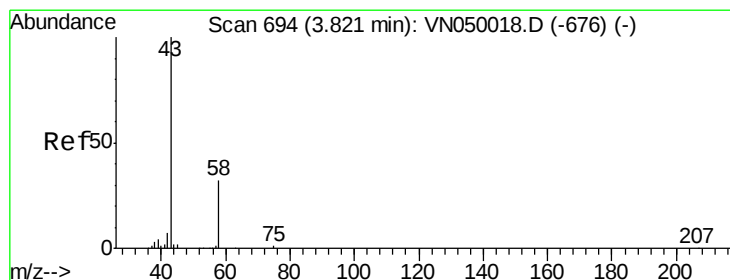
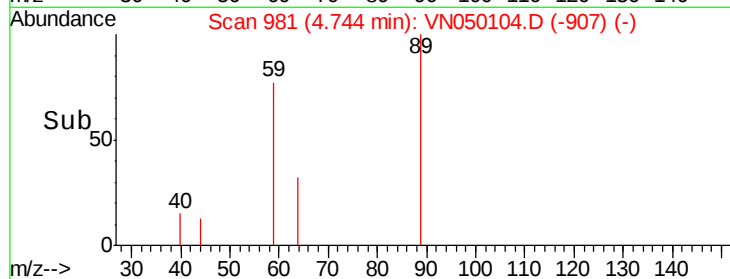
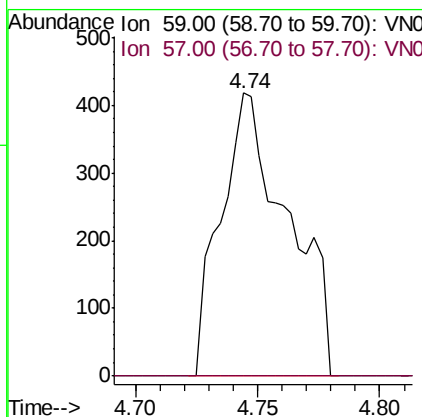
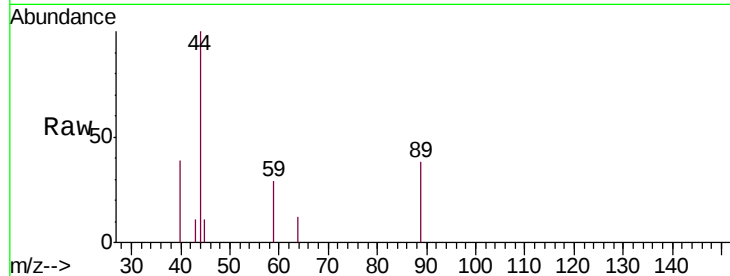




#11
Tert butyl alcohol
Concen: 1.12 ug/l
RT: 4.74 min Scan# 981
Delta R.T. -0.06 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

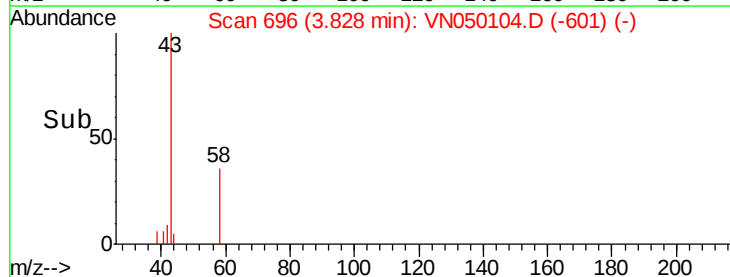
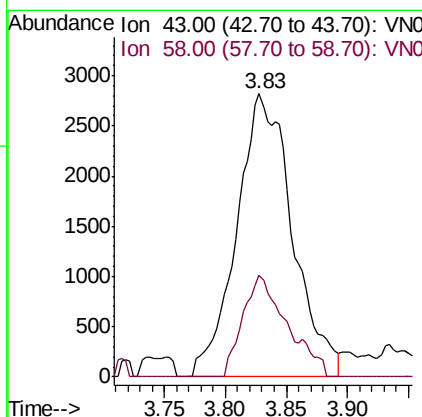
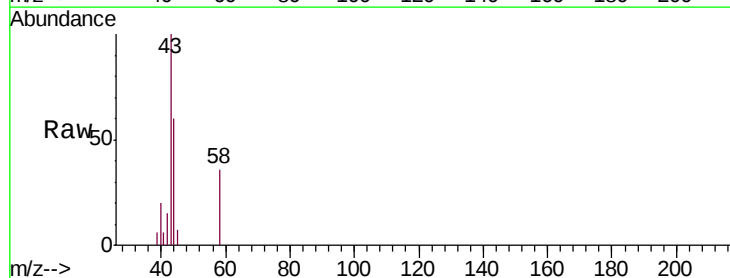
Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

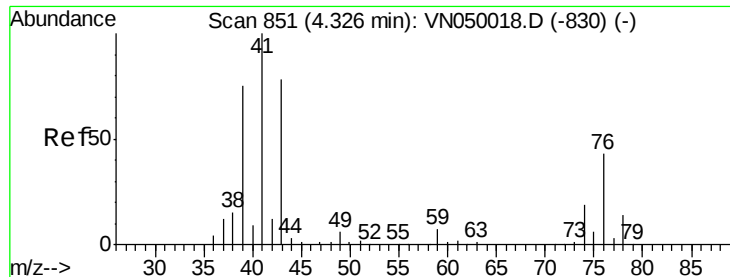
Tot Ion: 59 Resp: 798
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 43 Resp: 8931
Ion Ratio Lower Upper
43 100
58 35.9 25.8 38.8

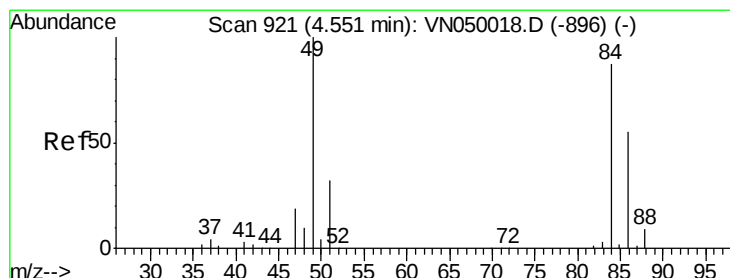
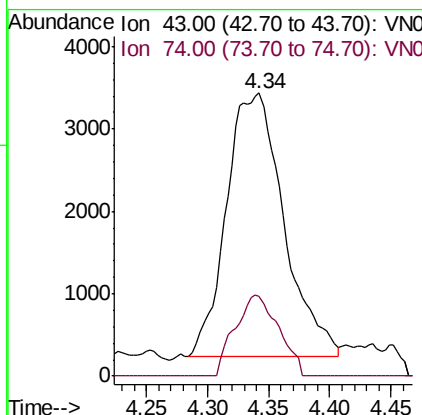
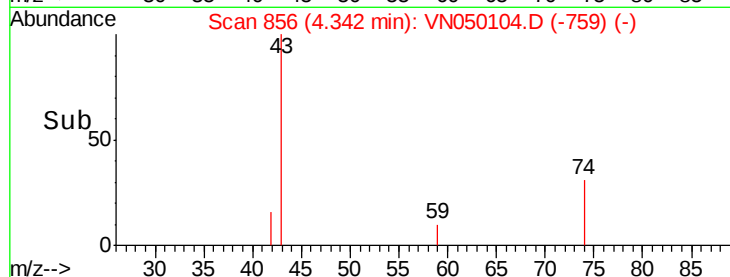
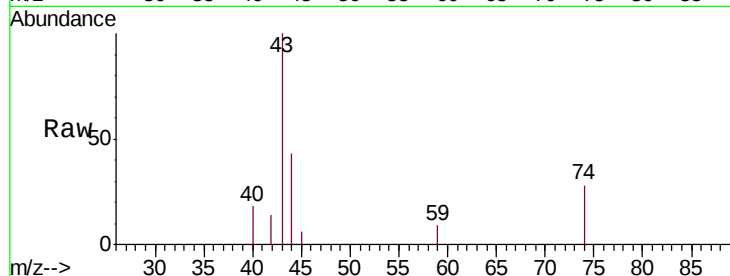




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 856
Delta R.T. 0.01 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

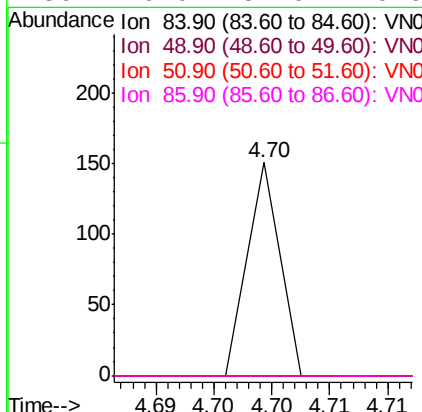
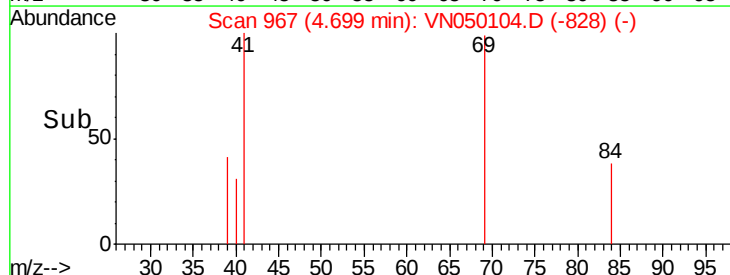
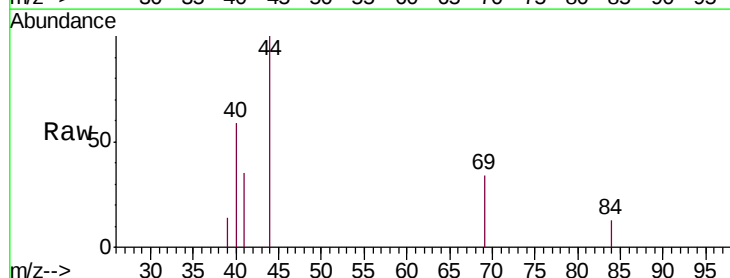
Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

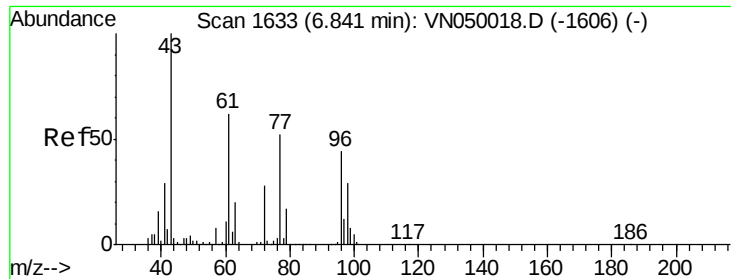
Tot Ion: 43 Resp: 10439
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.70 min Scan# 967
Delta R.T. 0.15 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 84 Resp: 29
Ion Ratio Lower Upper
84 100
49 0.0 94.8 142.2#
51 0.0 28.3 42.5#
86 0.0 51.0 76.6#





#25

2-Butanone

Concen: 0.40 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

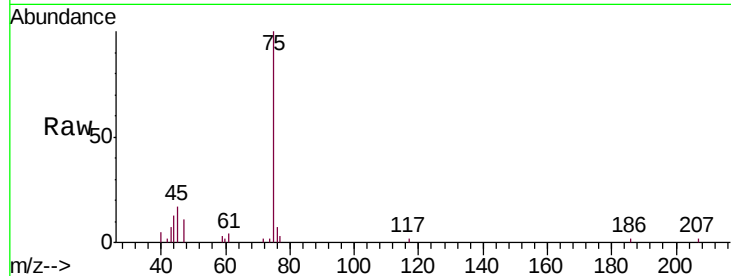
MW-7BSA

Tot Ion: 43 Resp: 1491

Ion Ratio Lower Upper

43 100

72 25.5 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

800

600

400

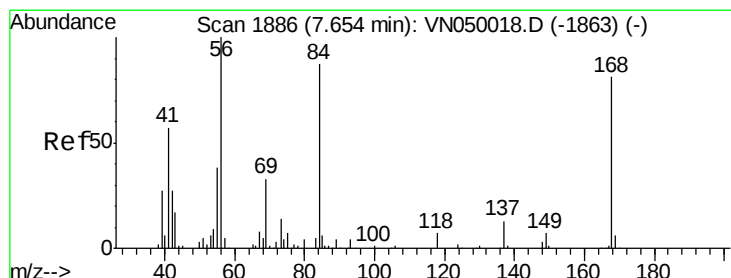
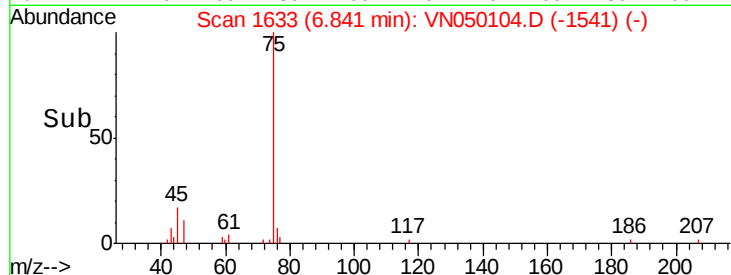
200

0

6.80

6.85

Time-->



#31

Cyclohexane

Concen: 1.15 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

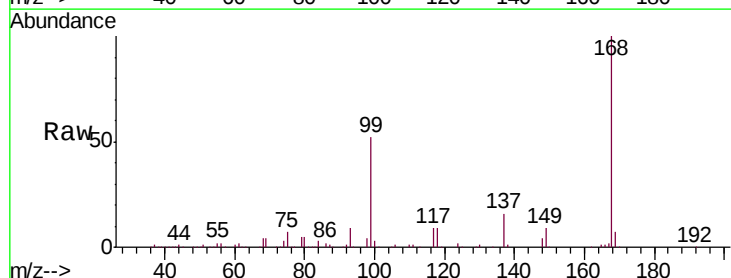
Tgt Ion: 56 Resp: 16179

Ion Ratio Lower Upper

56 100

69 165.6 26.2 39.4#

84 135.9 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

15000

10000

5000

0

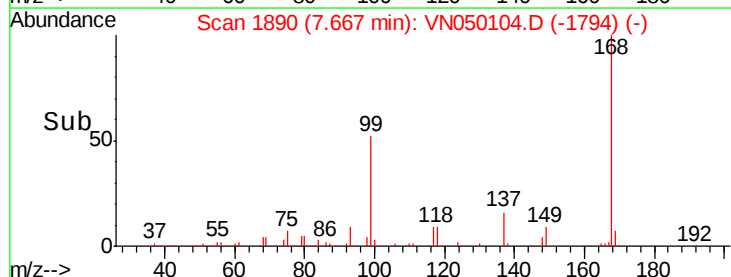
7.60

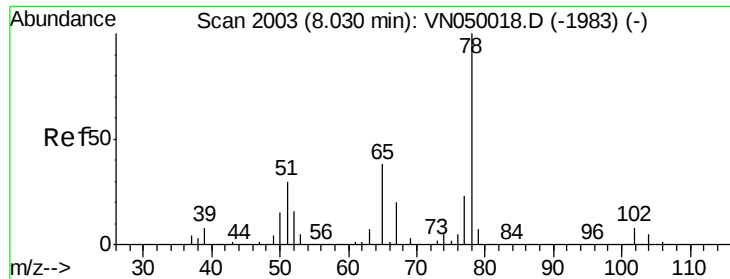
7.65

7.70

7.75

Time-->

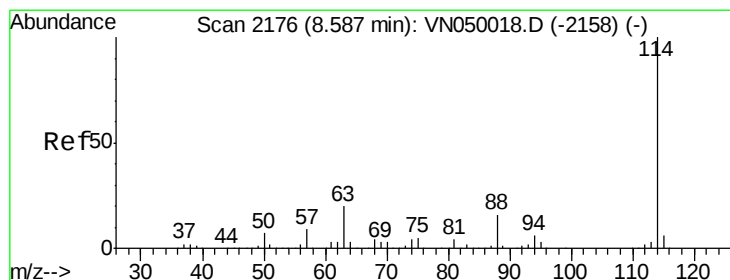
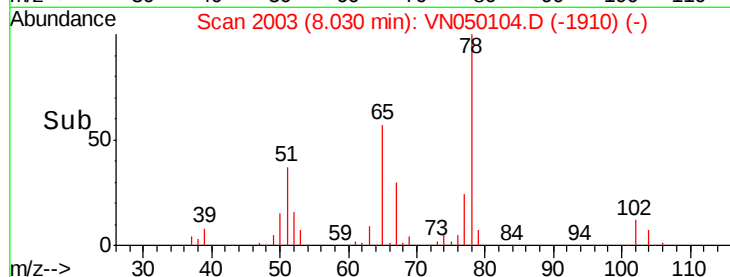
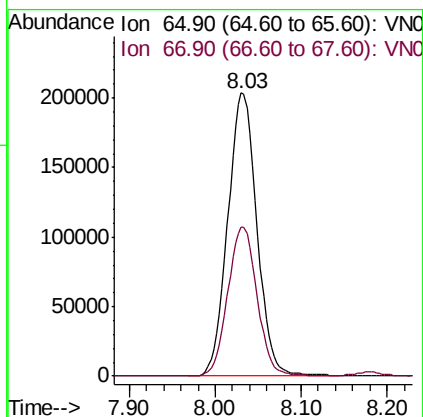
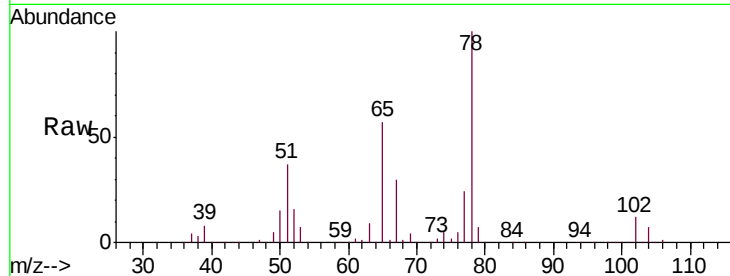




#33
 1,2-Dichloroethane-d4
 Concen: 49.59 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050104.D
 Acq: 27 Jul 2018 1:10

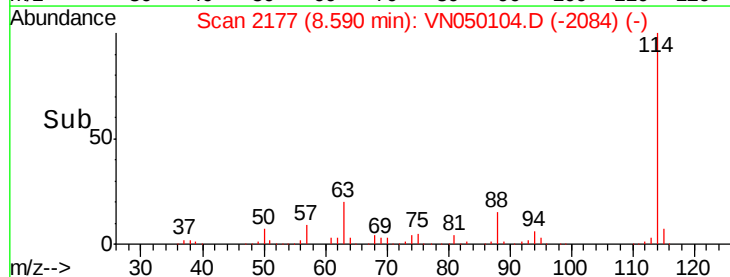
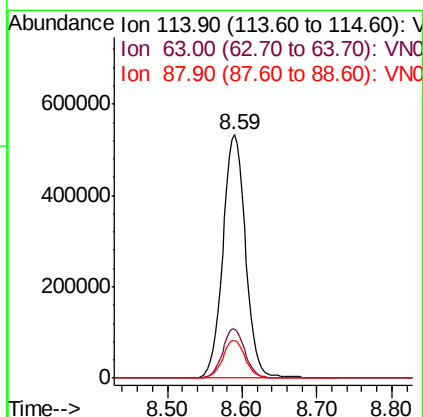
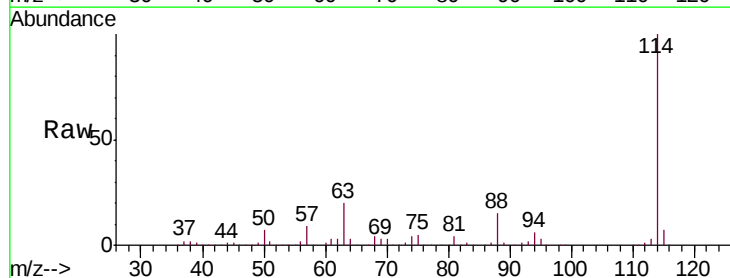
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSA

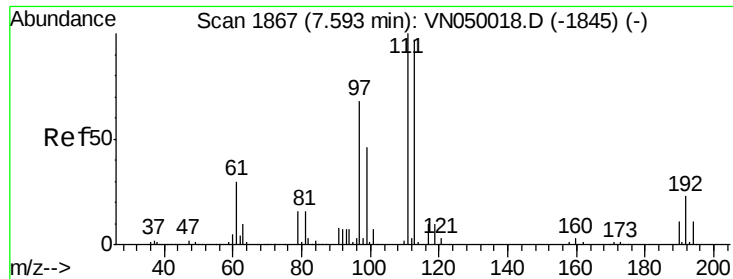
Tot Ion: 65 Resp: 479794
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050104.D
 Acq: 27 Jul 2018 1:10

Tgt Ion: 114 Resp: 1115128
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.5 0.0 31.2

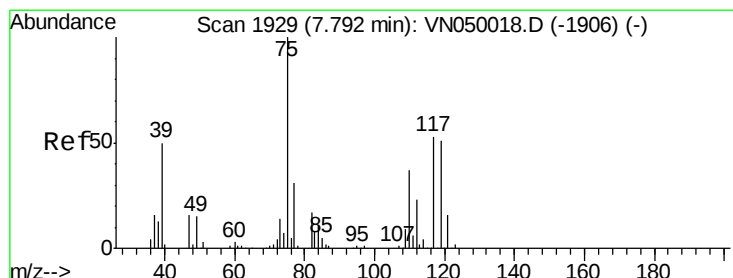
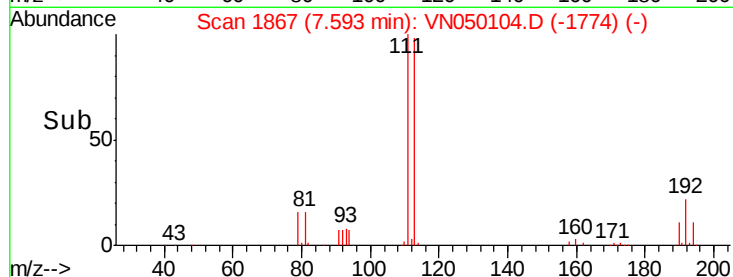
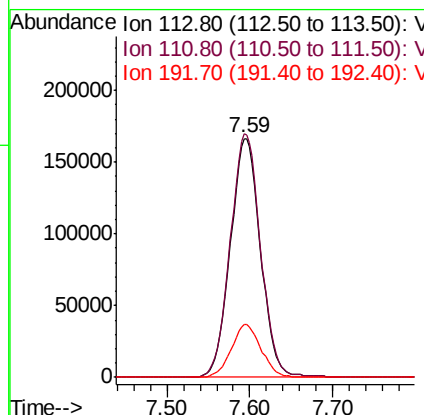
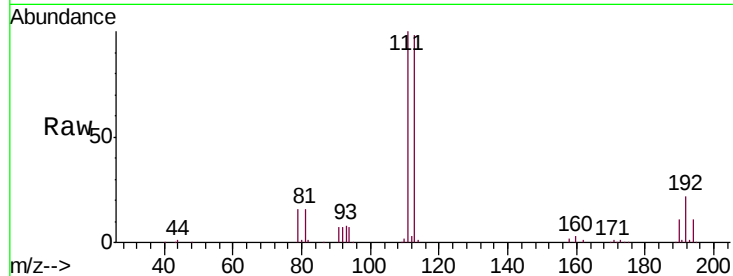




#35
Dibromofluoromethane
Concen: 46.29 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

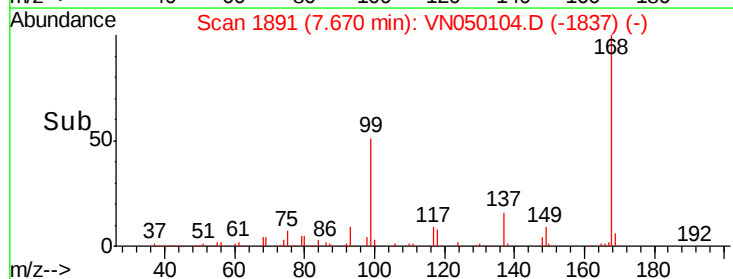
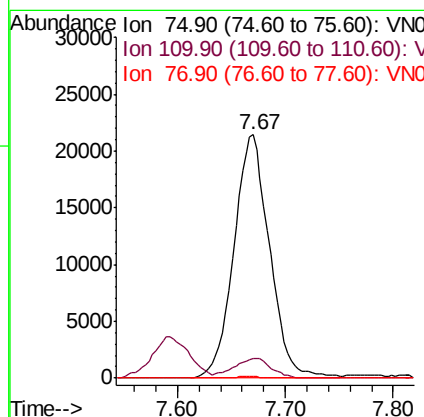
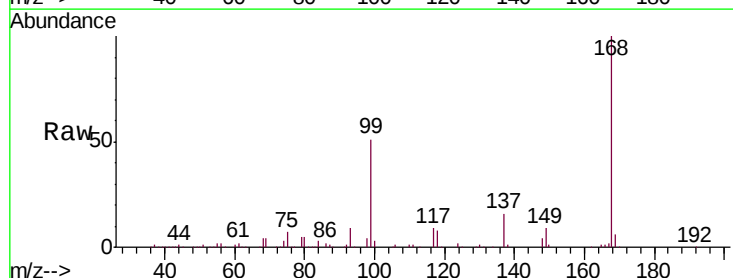
Instrument :
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MW-7BSA

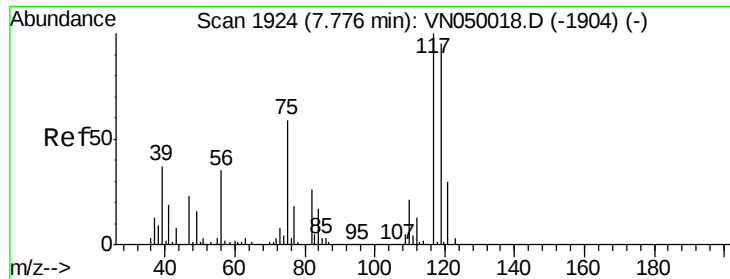
Tot Ion:113 Resp: 421487
Ion Ratio Lower Upper
113 100
111 102.6 80.7 121.1
192 21.7 17.8 26.6



#36
1,1-Dichloropropene
Concen: 3.93 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.13 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 75 Resp: 49413
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 25.3 37.9#

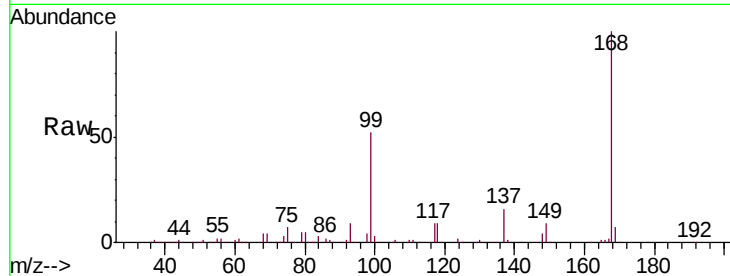




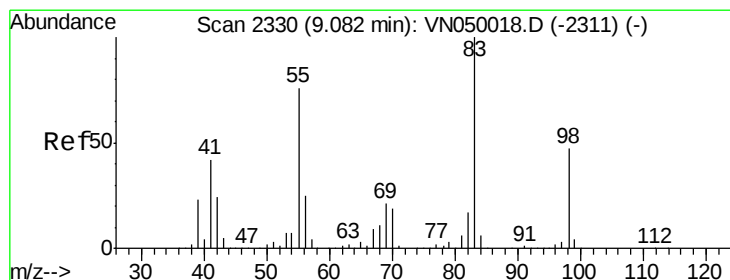
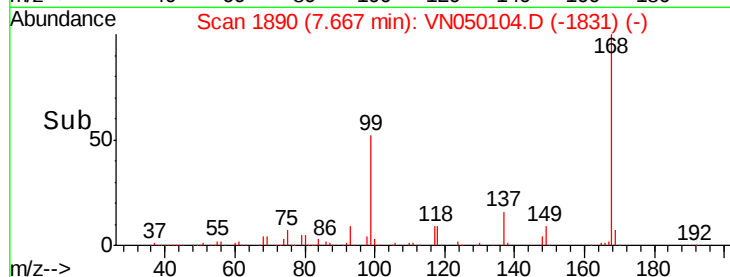
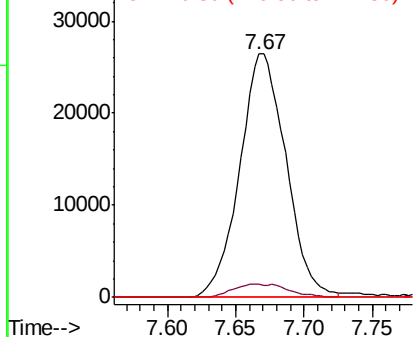
#38
Carbon Tetrachloride
Concen: 4.67 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampled :
MW-7BSA

Tot Ion:117 Resp: 62318
Ion Ratio Lower Upper
117 100
119 5.4 77.4 116.0#
121 0.0 23.9 35.9#

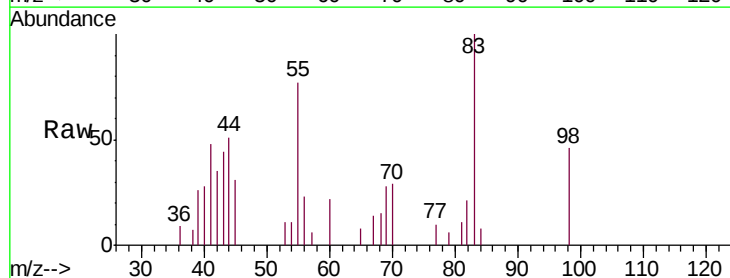


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

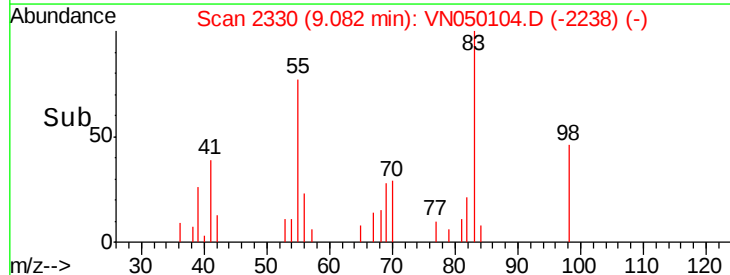
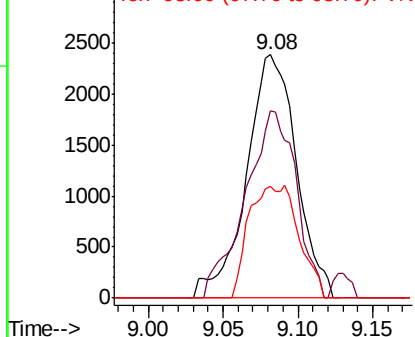


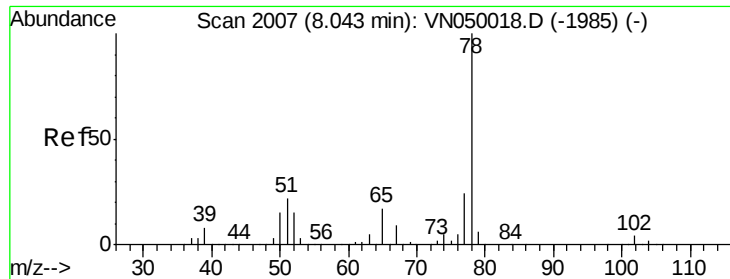
#39
Methylcyclohexane
Concen: 0.43 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 83 Resp: 5543
Ion Ratio Lower Upper
83 100
55 77.1 61.8 92.8
98 46.1 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 35.50 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

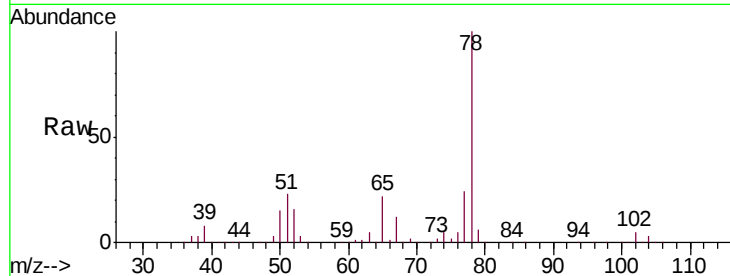
MW-7BSA

Tot Ion: 78 Resp: 1357214

Ion Ratio Lower Upper

78 100

77 23.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.05

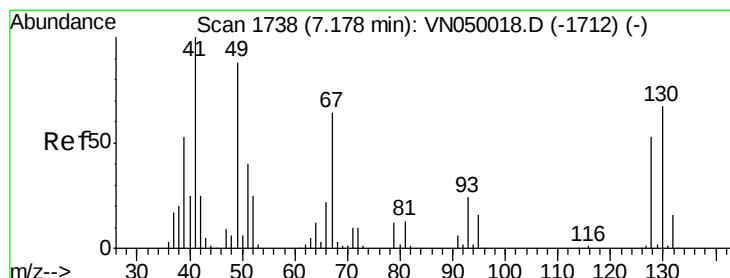
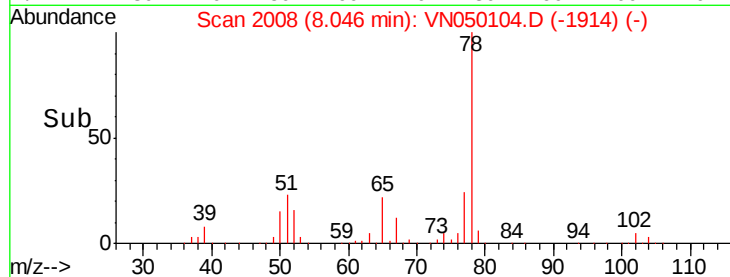
600000

400000

200000

0

Time--> 7.90 8.00 8.10 8.20



#41

Methacrylonitrile

Concen: 2.78 ug/l

RT: 7.18 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Tgt Ion: 41 Resp: 147

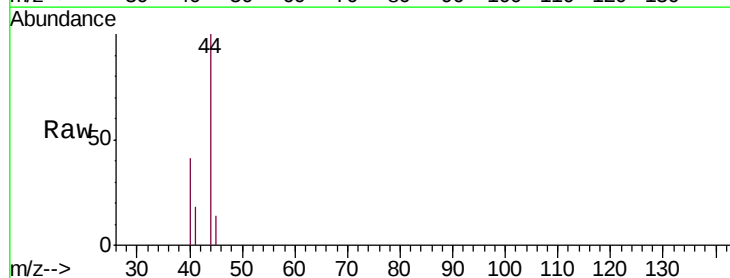
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

7.18

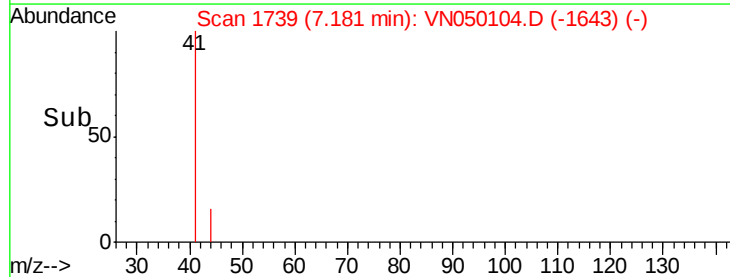
300

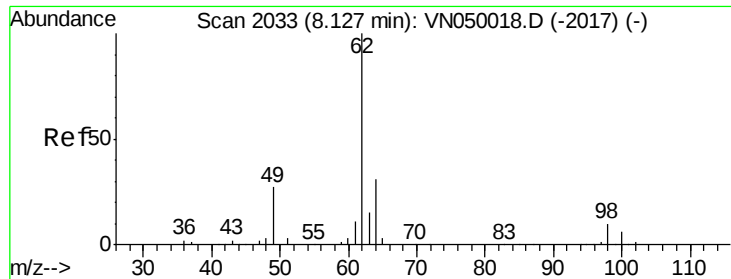
200

100

0

Time--> 7.16 7.17 7.18 7.19 7.20

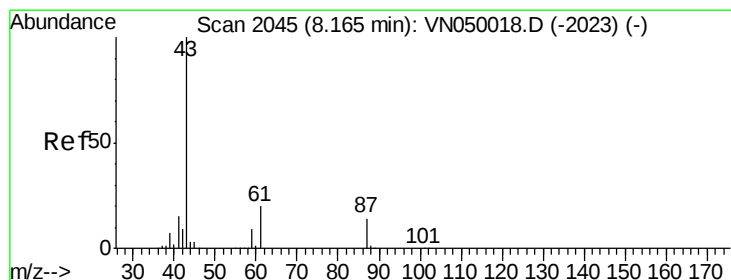
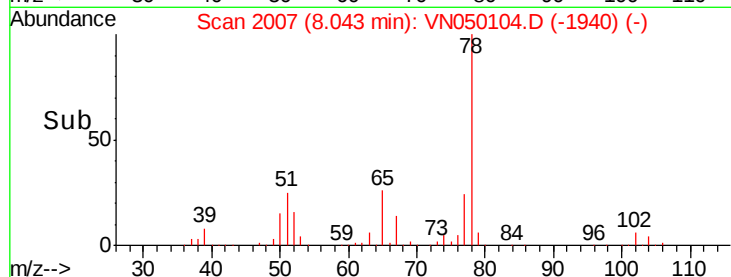
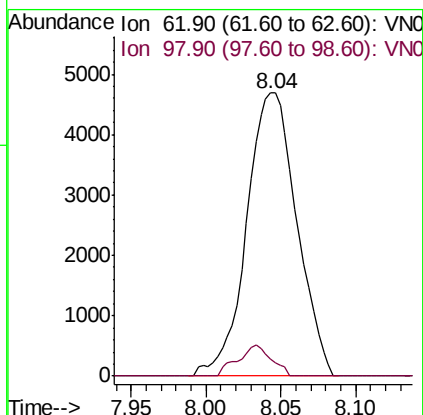
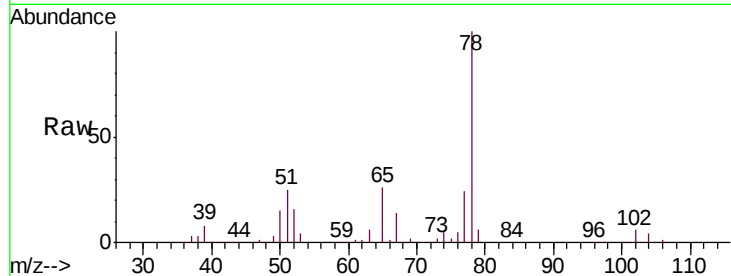




#42
 1,2-Dichloroethane
 Concen: 0.86 ug/l
 RT: 8.04 min Scan# 2007
 Delta R.T. -0.08 min
 Lab File: VN050104.D
 Acq: 27 Jul 2018 1:10

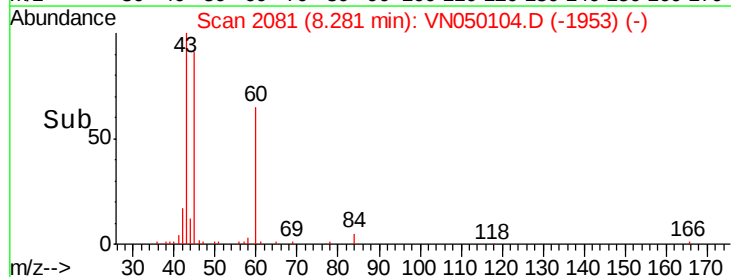
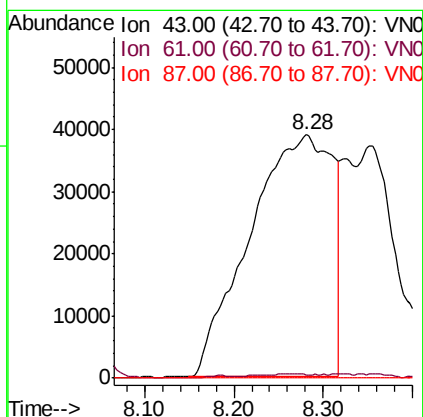
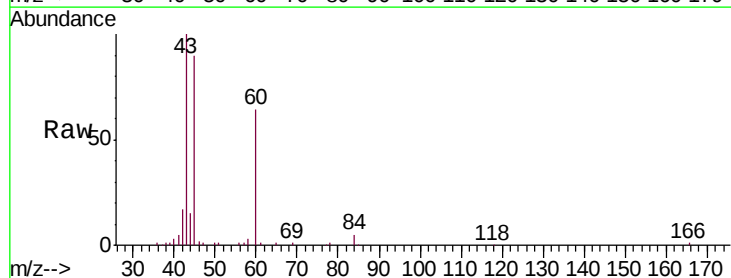
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSA

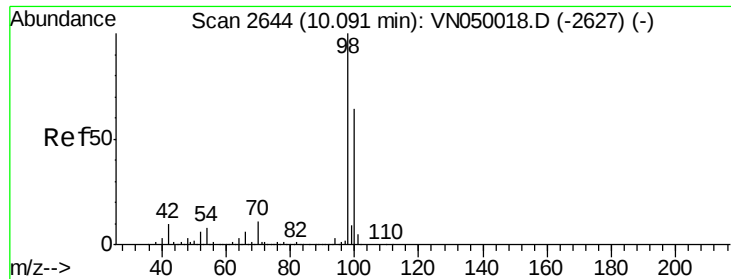
Tot Ion: 62 Resp: 10905
 Ion Ratio Lower Upper
 62 100
 98 7.4 0.0 18.8



#43
 Isopropyl Acetate
 Concen: 14.31 ug/l
 RT: 8.28 min Scan# 2081
 Delta R.T. 0.11 min
 Lab File: VN050104.D
 Acq: 27 Jul 2018 1:10

Tgt Ion: 43 Resp: 249657
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.8 23.6#
 87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 45.66 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

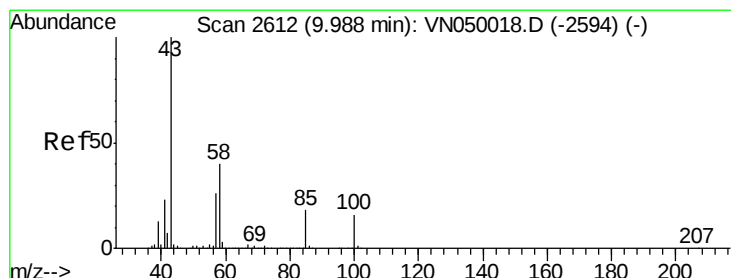
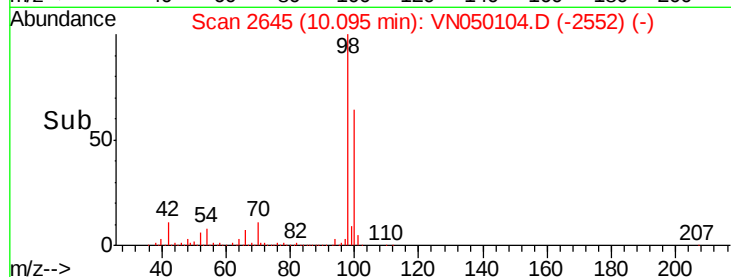
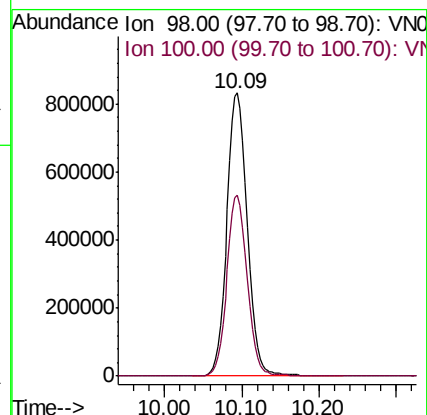
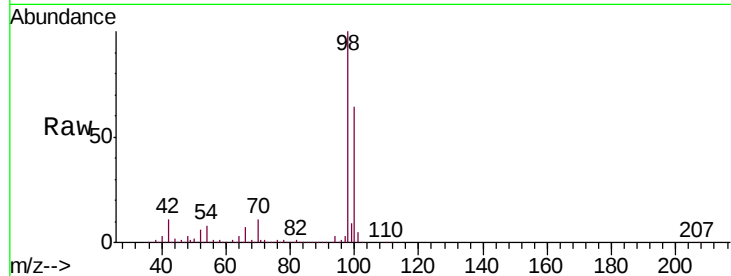
MW-7BSA

Tot Ion: 98 Resp: 1528420

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.32 ug/l

RT: 9.93 min Scan# 2595

Delta R.T. -0.05 min

Lab File: VN050104.D

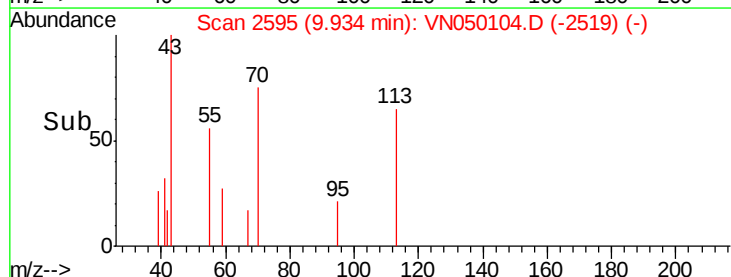
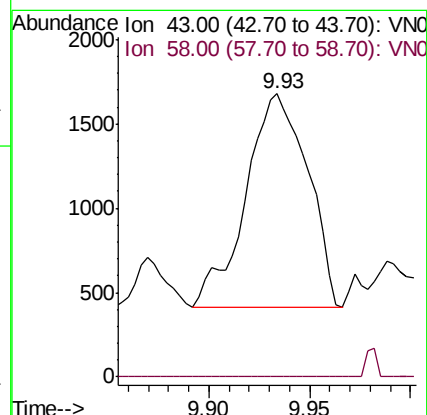
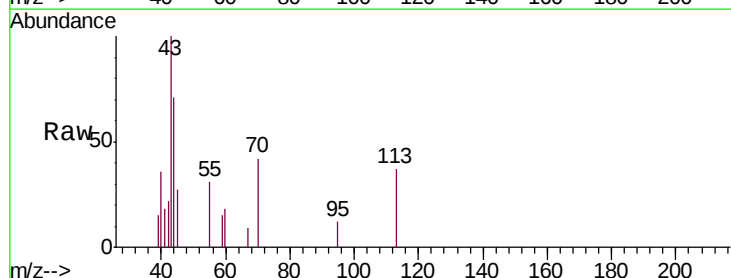
Acq: 27 Jul 2018 1:10

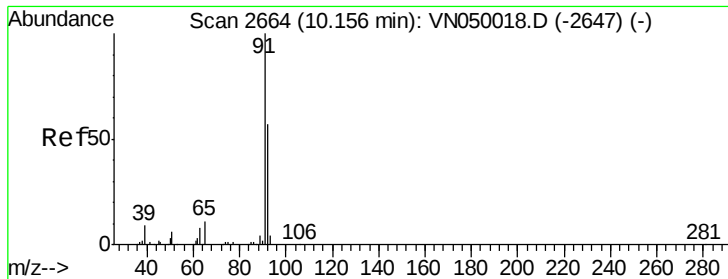
Tgt Ion: 43 Resp: 2720

Ion Ratio Lower Upper

43 100

58 0.0 31.9 47.9#





#52

Toluene

Concen: 7.47 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

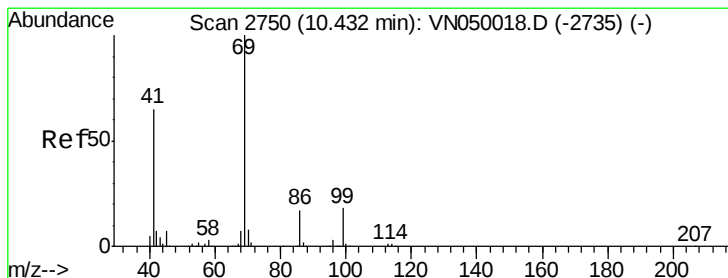
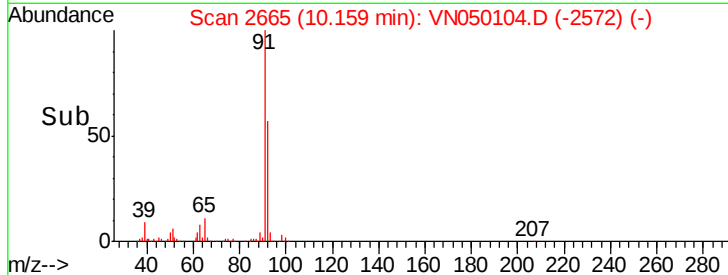
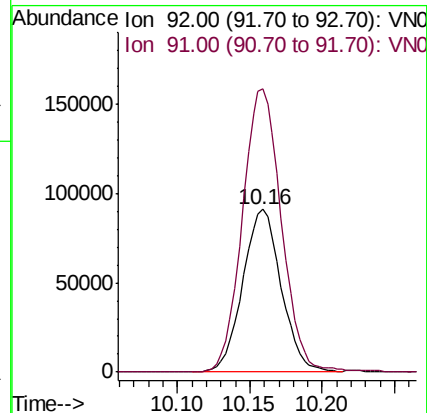
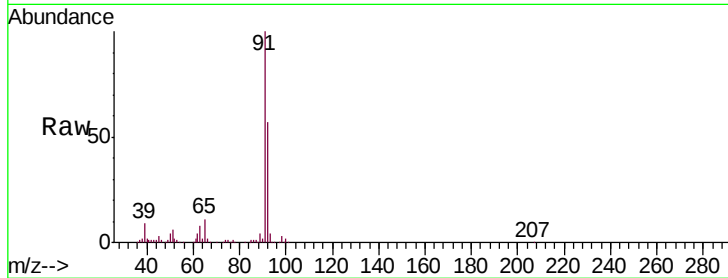
MW-7BSA

Tot Ion: 92 Resp: 168523

Ion Ratio Lower Upper

92 100

91 177.1 140.3 210.5



#56

Ethyl methacrylate

Concen: 2.06 ug/l

RT: 10.43 min Scan# 2748

Delta R.T. -0.01 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

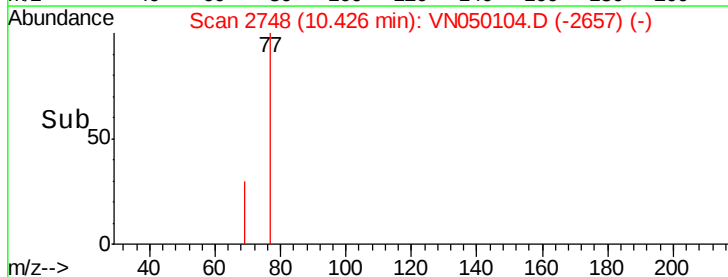
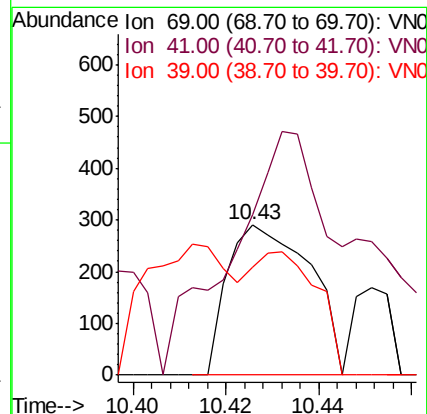
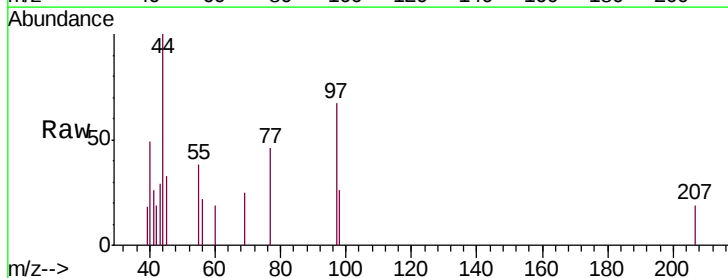
Tgt Ion: 69 Resp: 359

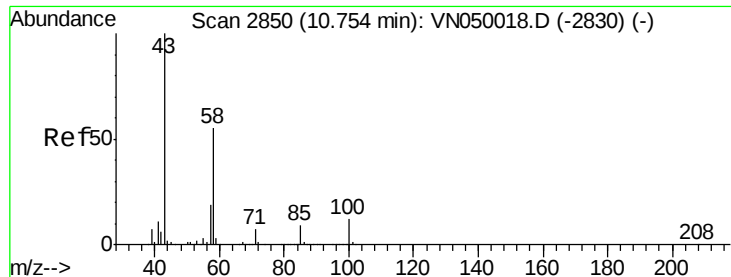
Ion Ratio Lower Upper

69 100

41 242.9 51.0 76.4#

39 0.0 26.6 40.0#





#59

2-Hexanone

Concen: 5.20 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

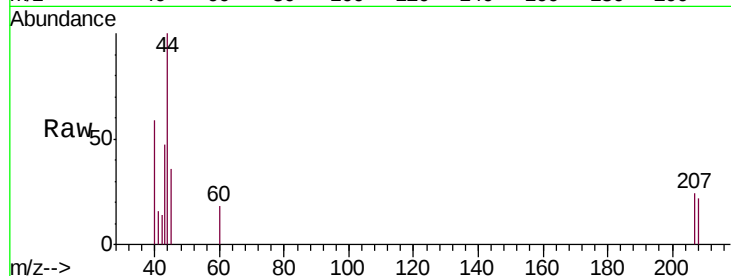
MW-7BSA

Tot Ion: 43 Resp: 140

Ion Ratio Lower Upper

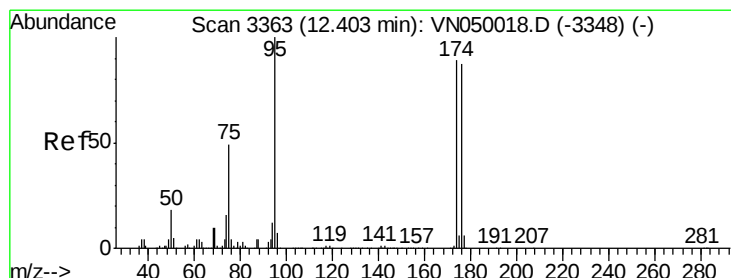
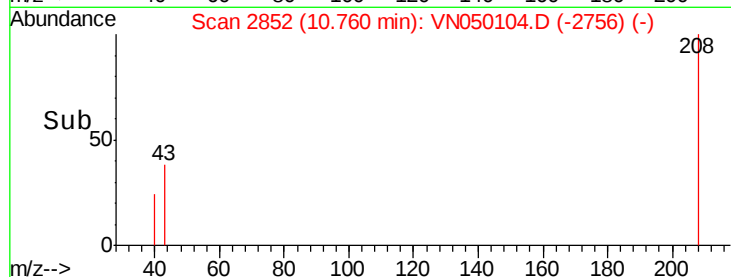
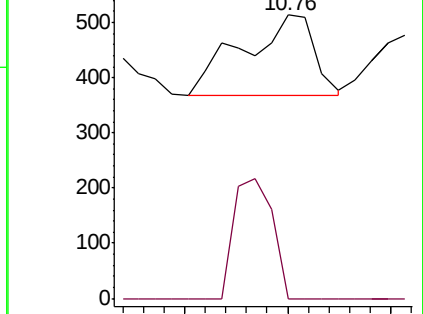
43 100

58 80.0 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: 43.47 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

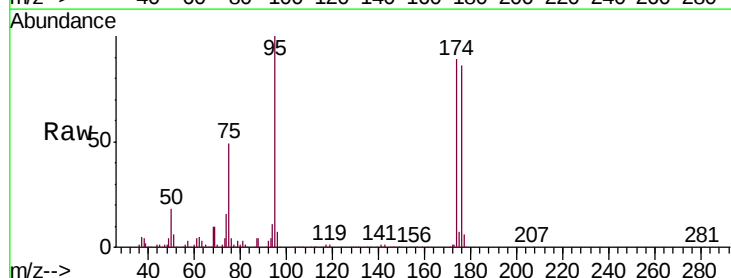
Tgt Ion: 95 Resp: 479166

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.2

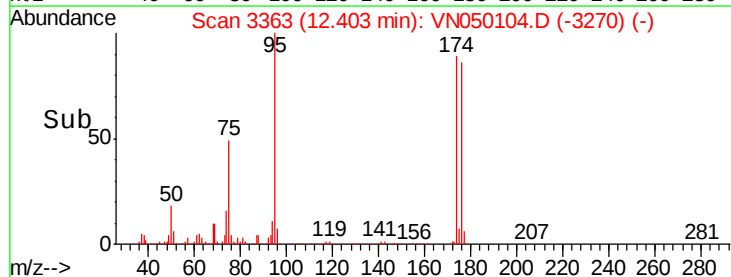
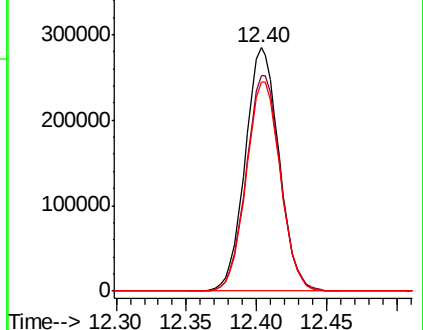
176 86.5 0.0 173.4

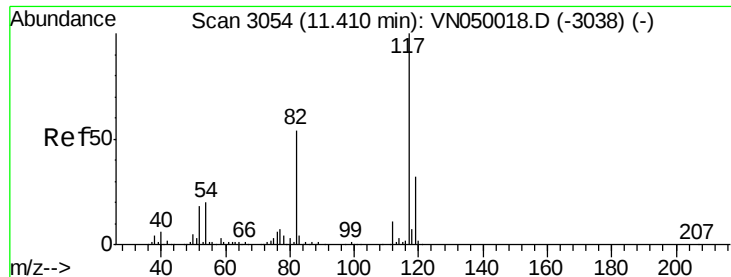


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

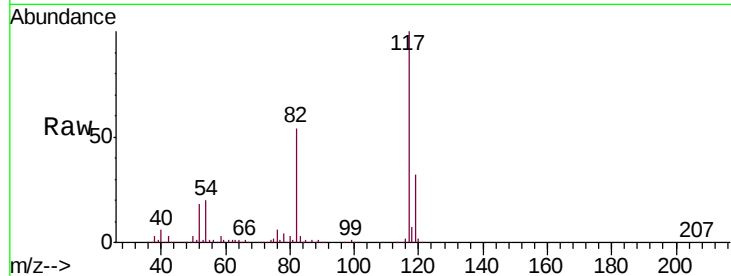




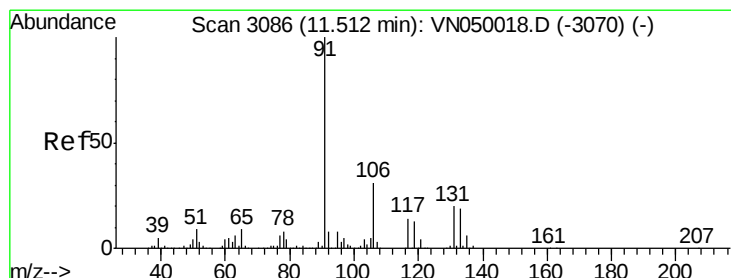
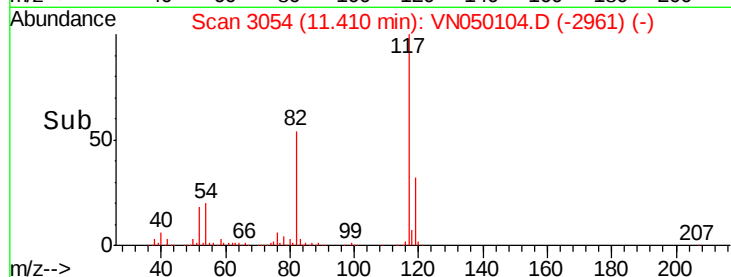
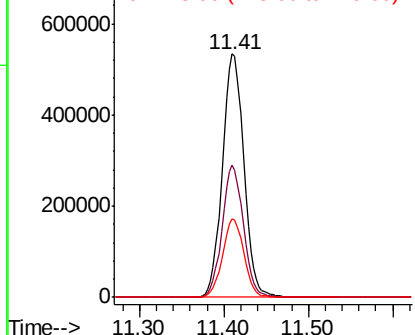
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tot Ion:117 Resp: 943999
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 32.1 26.1 39.1

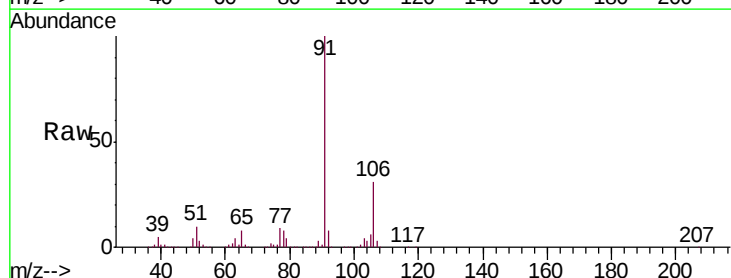


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

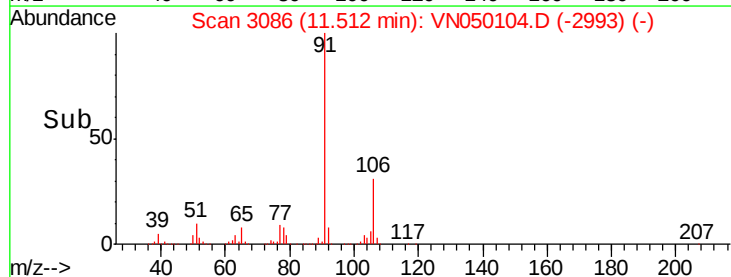
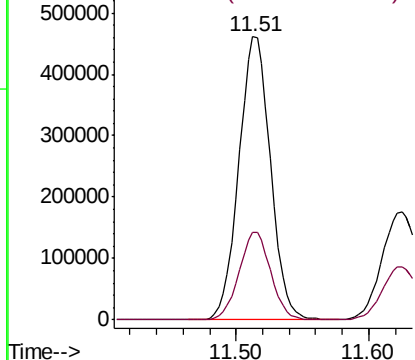


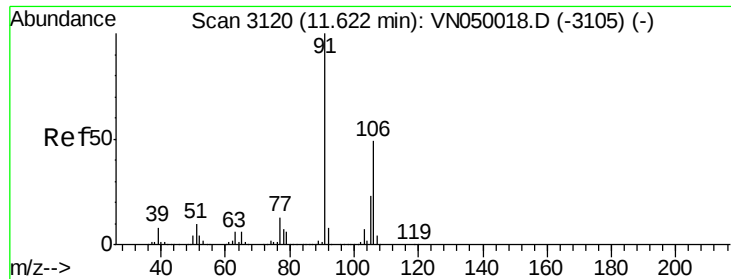
#67
Ethyl Benzene
Concen: 19.95 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 91 Resp: 764037
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

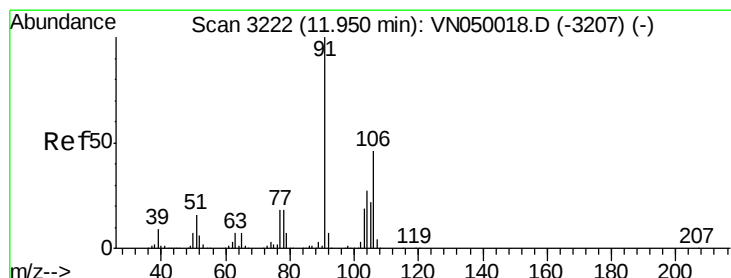
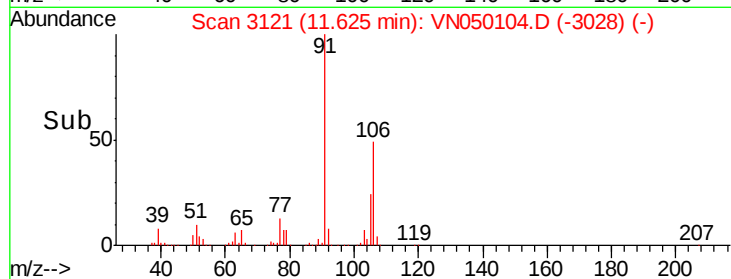
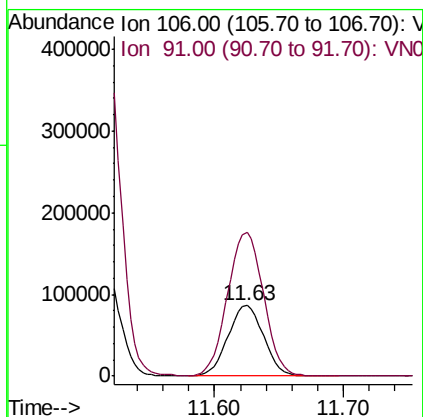
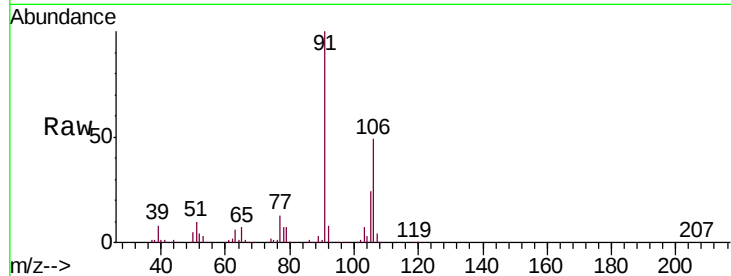




#68
m/p-Xylenes
Concen: 11.56 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

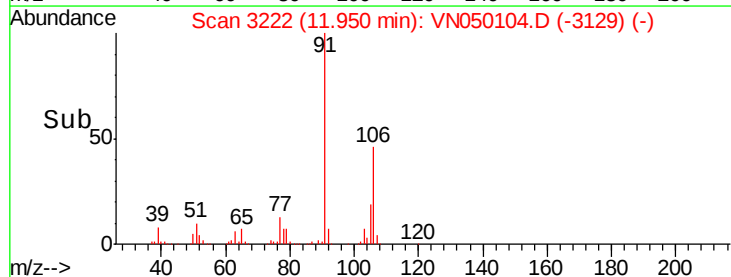
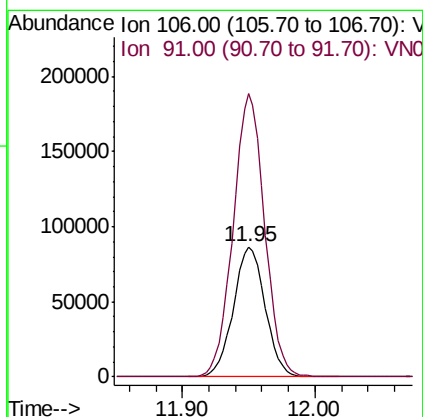
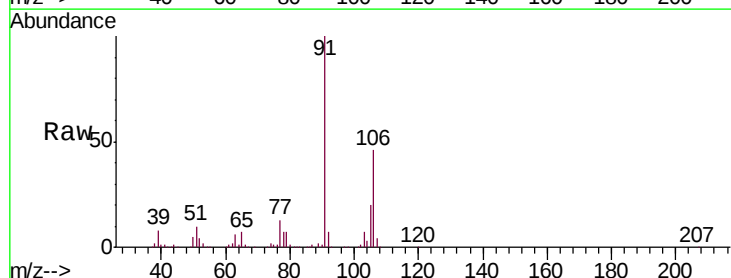
Instrument :
MSVOA_N
ClientSampled :
MW-7BSA

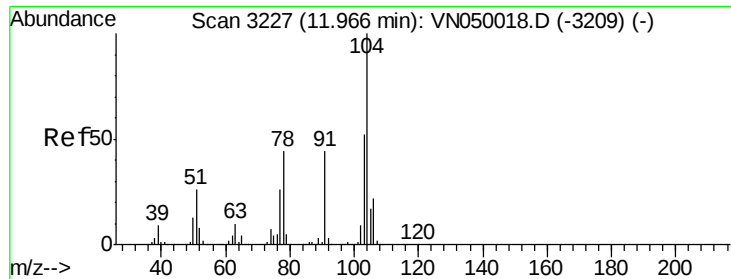
Tot Ion:106 Resp: 167551
Ion Ratio Lower Upper
106 100
91 204.3 162.2 243.2



#69
o-Xylene
Concen: 10.38 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion:106 Resp: 143387
Ion Ratio Lower Upper
106 100
91 216.3 107.7 323.1

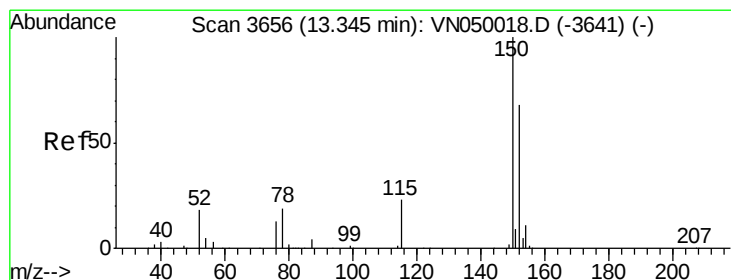
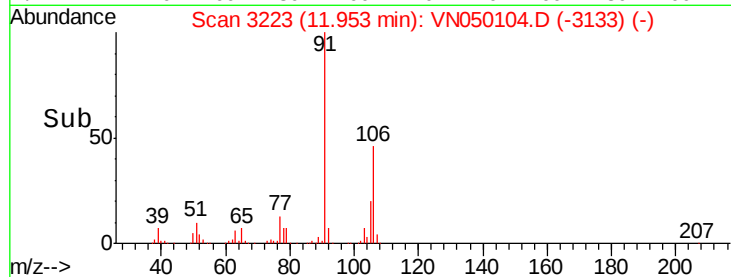
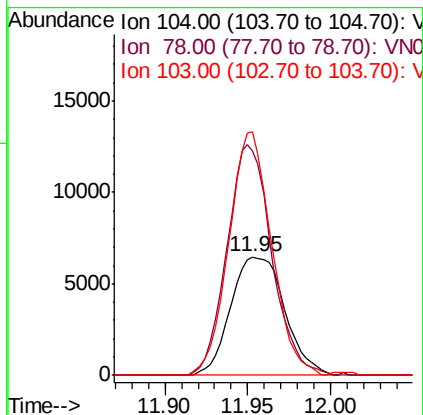
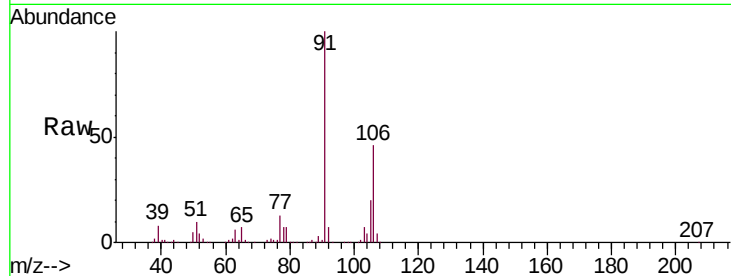




#70
Stvrene
Concen: 1.51 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. -0.01 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

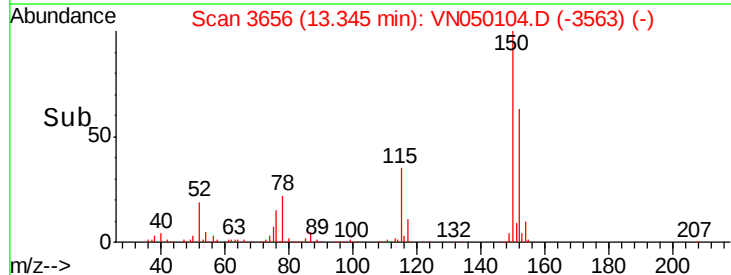
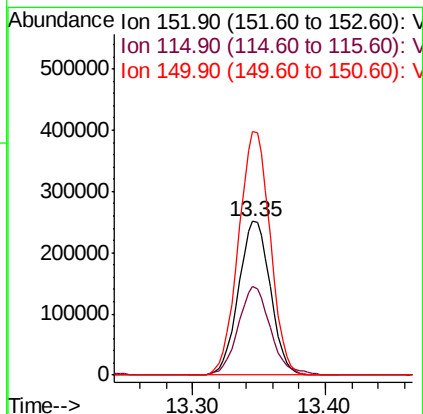
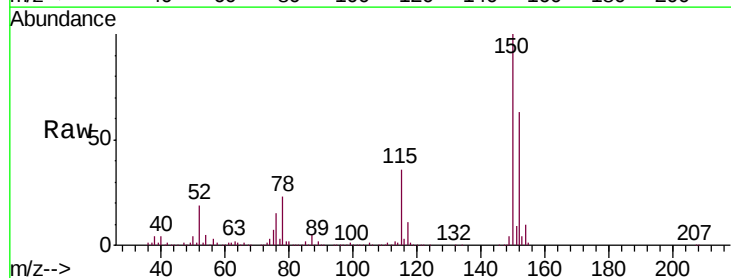
Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

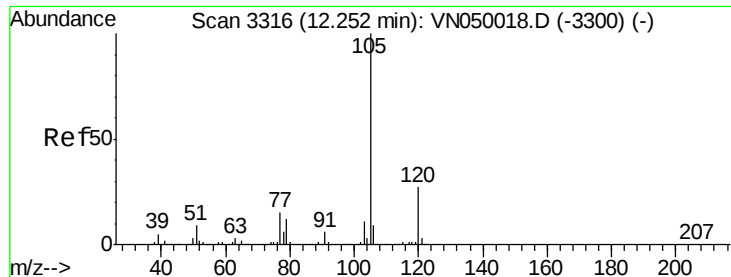
Tot Ion:104 Resp: 14654
Ion Ratio Lower Upper
104 100
78 161.3 39.3 58.9#
103 162.6 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion:152 Resp: 418243
Ion Ratio Lower Upper
152 100
115 58.2 27.8 83.3
150 157.7 0.0 348.6





#73

Isopropylbenzene

Concen: 5.32 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampled :

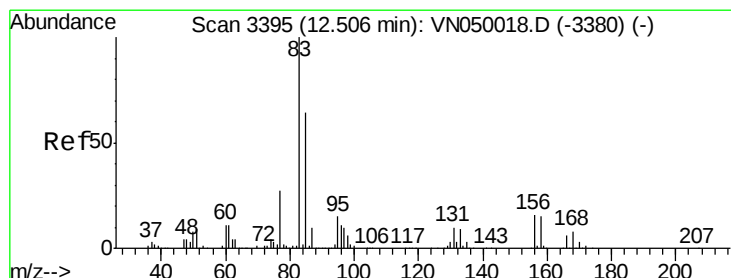
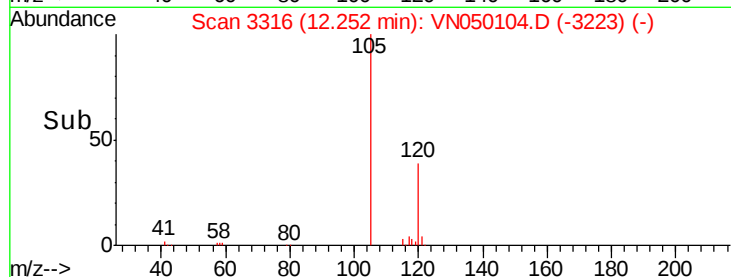
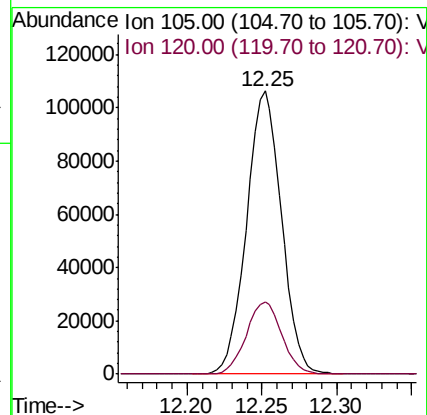
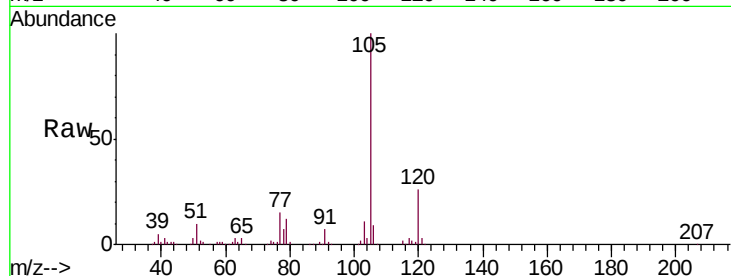
MW-7BSA

Tot Ion:105 Resp: 172589

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.57 min Scan# 3415

Delta R.T. 0.07 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

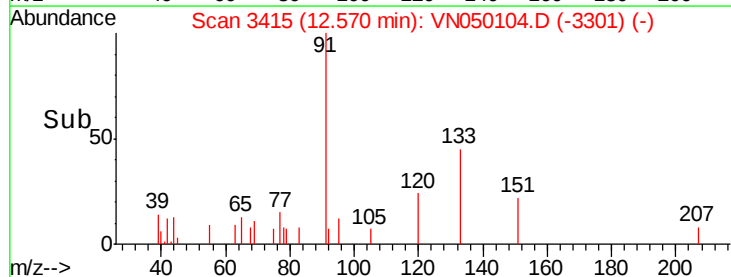
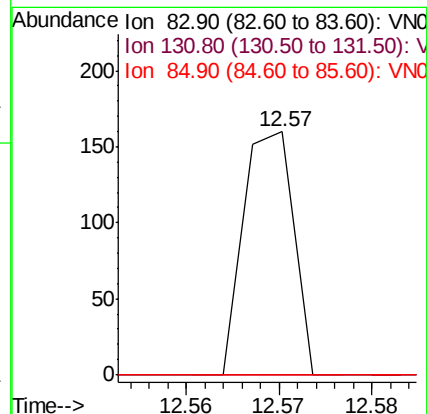
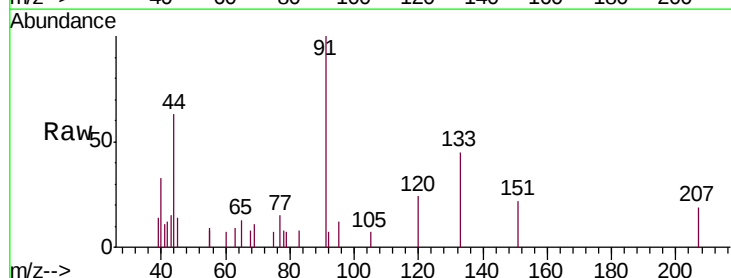
Tgt Ion: 83 Resp: 60

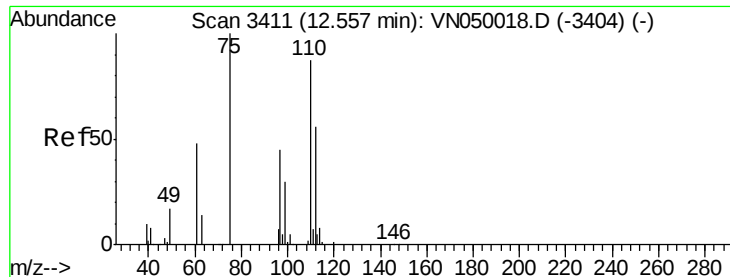
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 30.19 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

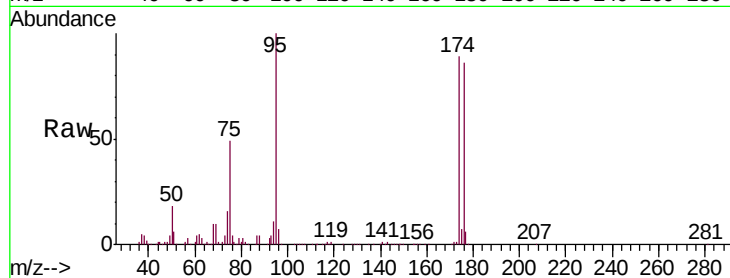
MW-7BSA

Tot Ion: 75 Resp: 234674

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

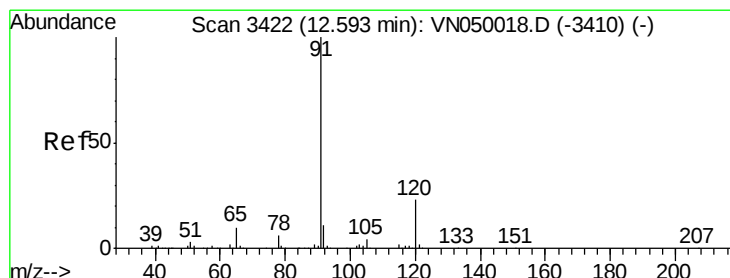
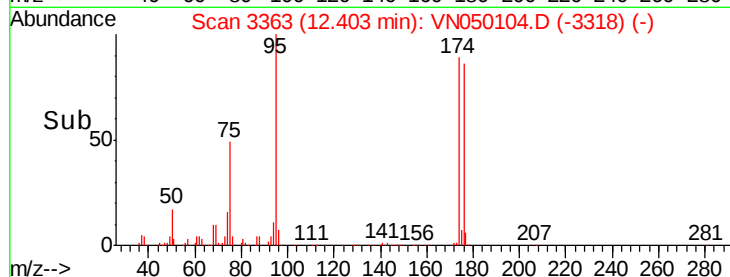
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.99 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050104.D

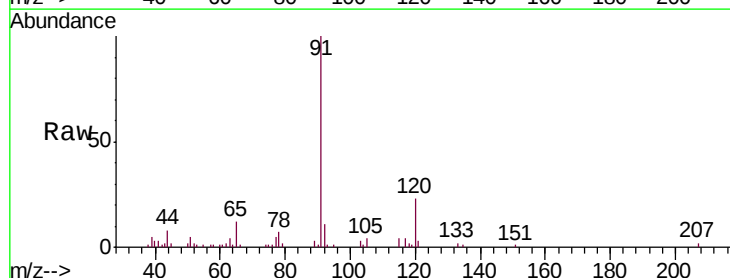
Acq: 27 Jul 2018 1:10

Tgt Ion: 91 Resp: 35971

Ion Ratio Lower Upper

91 100

120 24.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

25000

20000

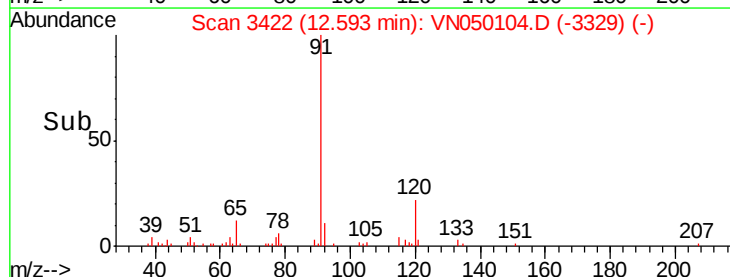
15000

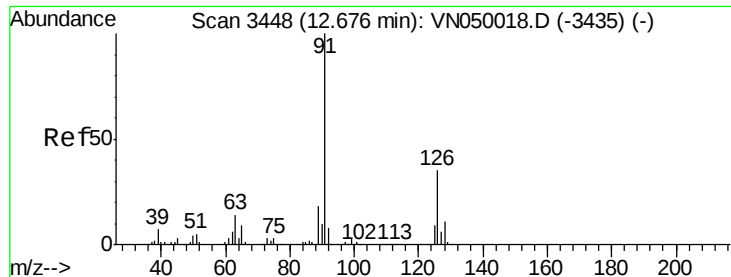
10000

5000

0

Time-->





#79

2-Chlorotoluene

Concen: 0.55 ug/l

RT: 12.69 min Scan# 3452

Delta R.T. 0.01 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampled :

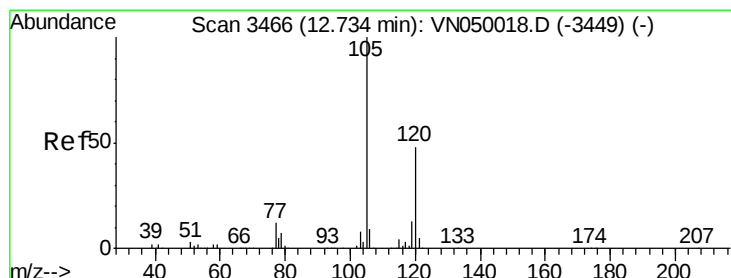
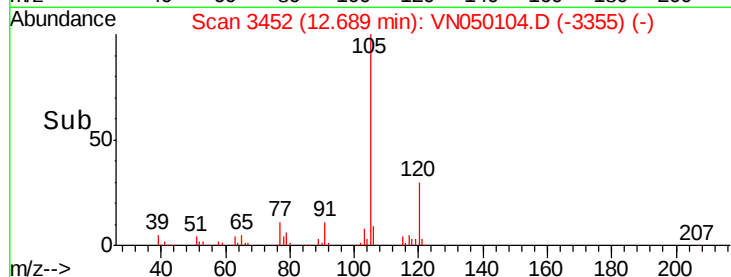
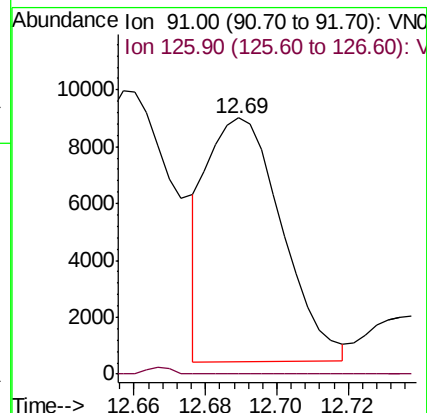
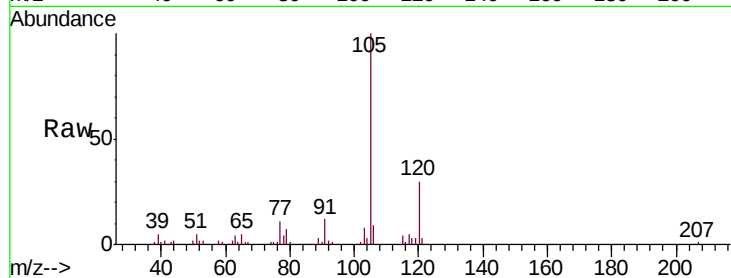
MW-7BSA

Tot Ion: 91 Resp: 12464

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: 1.08 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050104.D

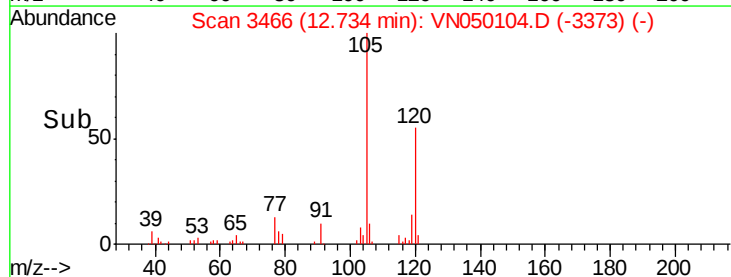
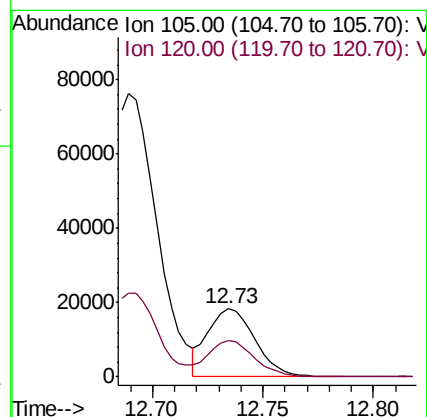
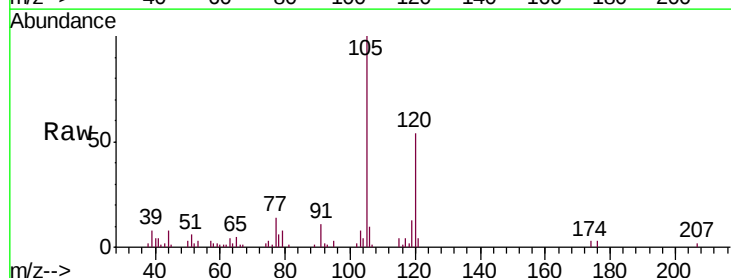
Acq: 27 Jul 2018 1:10

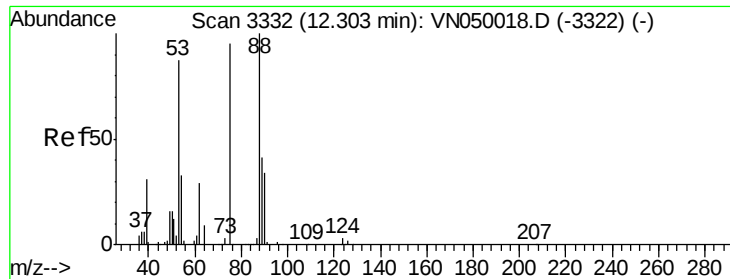
Tgt Ion: 105 Resp: 27487

Ion Ratio Lower Upper

105 100

120 53.5 24.4 73.2

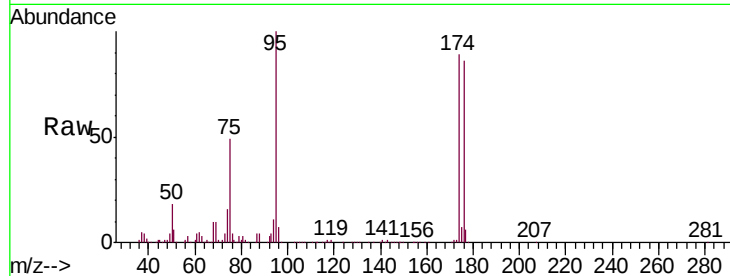




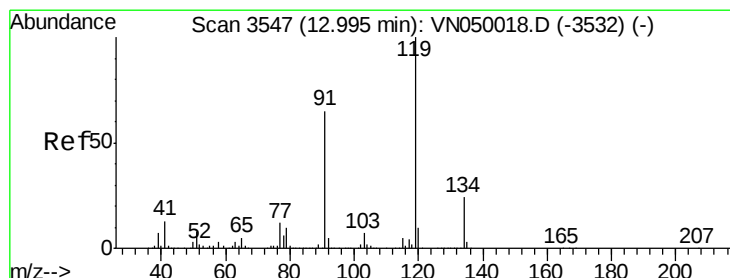
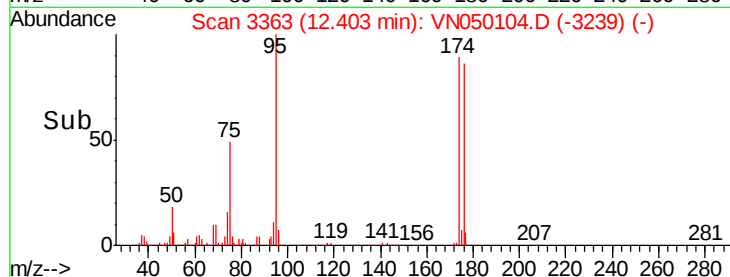
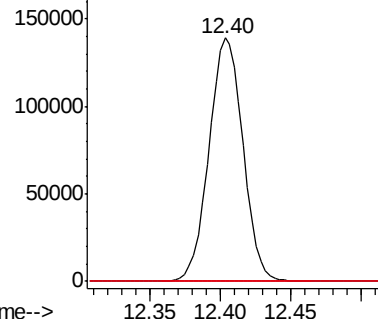
#81
trans-1,4-Dichloro-2-butene
Concen: 95.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tot Ion: 75 Resp: 234674
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 0.0 36.0 54.0#

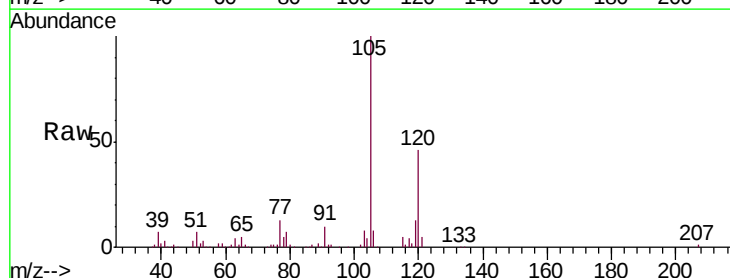


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

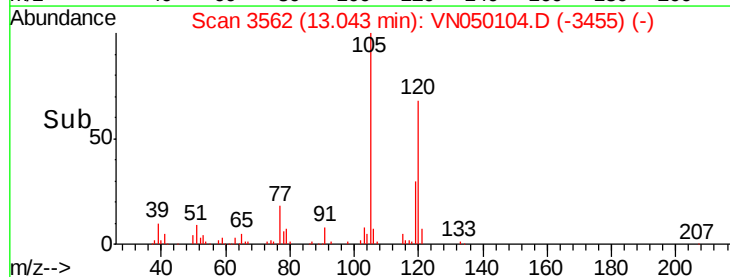
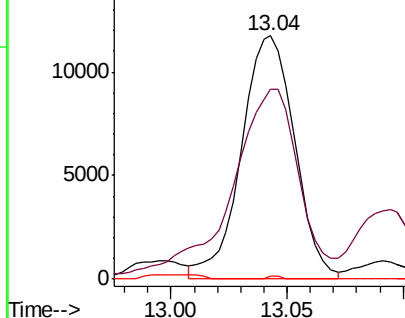


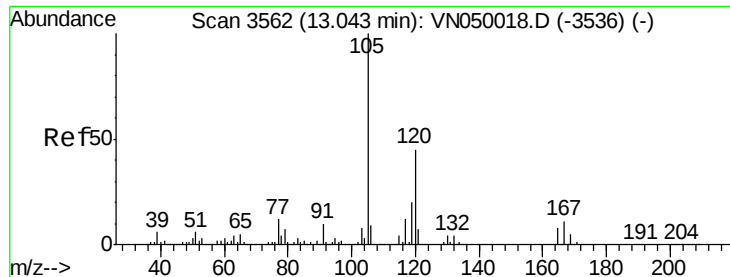
#83
tert-Butylbenzene
Concen: 0.84 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.05 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 119 Resp: 18797
Ion Ratio Lower Upper
119 100
91 101.4 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): VN0
Ion 134.00 (133.70 to 134.70): V

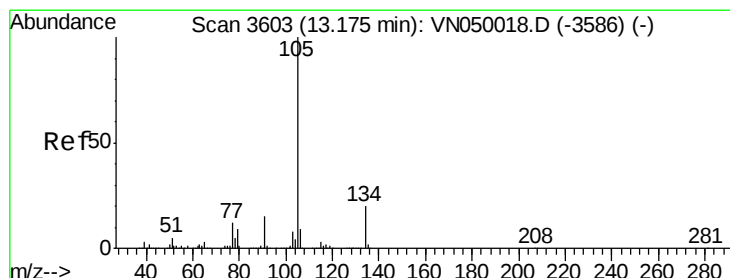
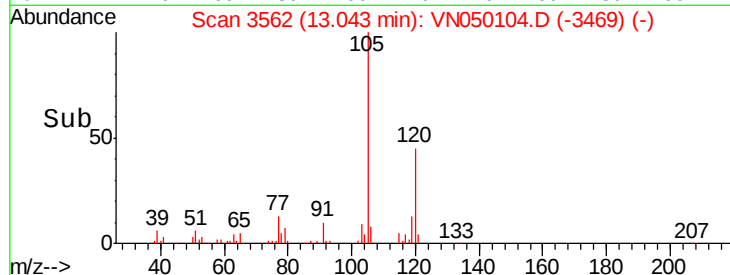
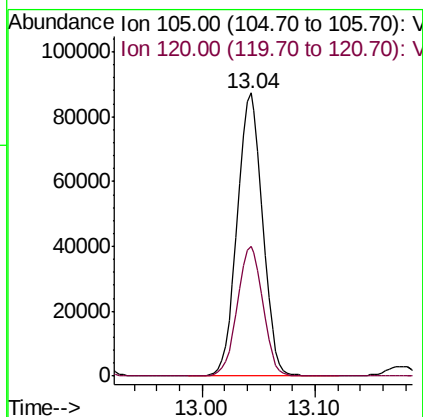
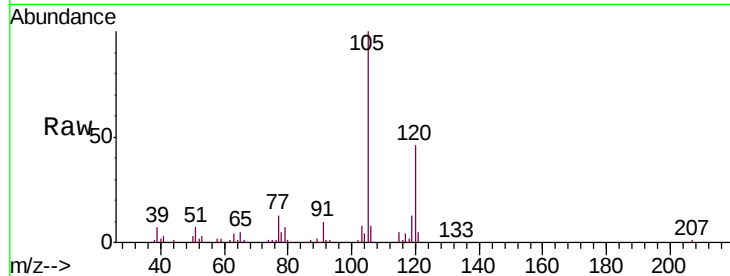




#84
 1,2,4-Trimethylbenzene
 Concen: 5.33 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050104.D
 Acq: 27 Jul 2018 1:10

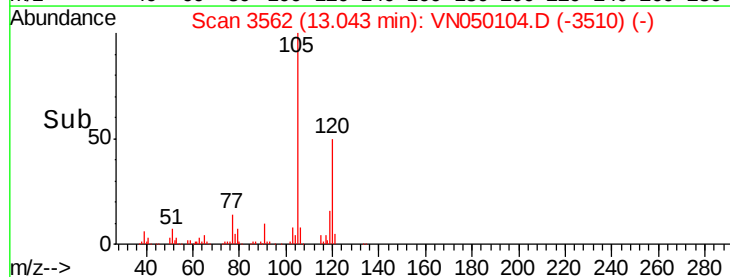
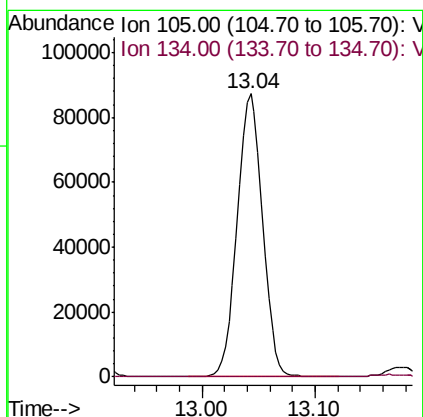
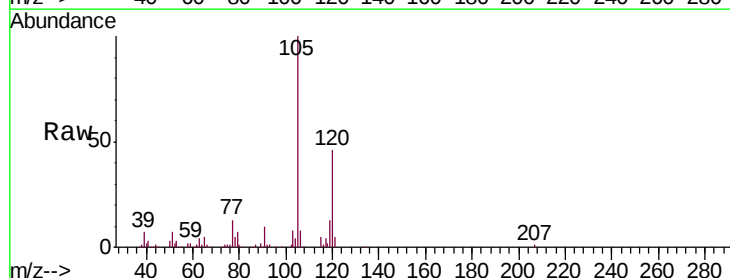
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSA

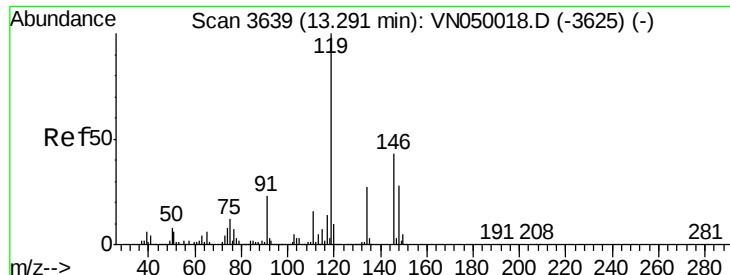
Tot Ion:105 Resp: 136966
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 4.60 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.13 min
 Lab File: VN050104.D
 Acq: 27 Jul 2018 1:10

Tgt Ion:105 Resp: 136966
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#

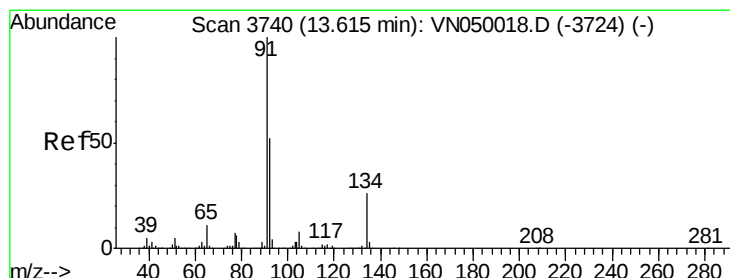
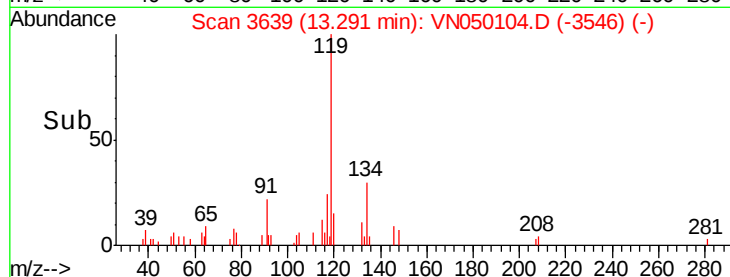
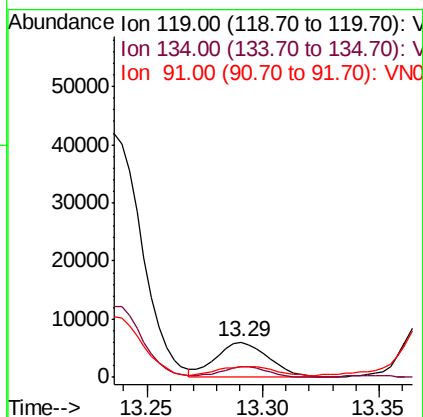
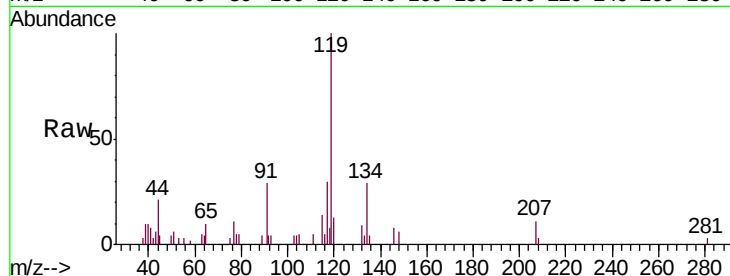




#86
 p-Isopropyltoluene
 Concen: 0.36 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050104.D
 Acq: 27 Jul 2018 1:10

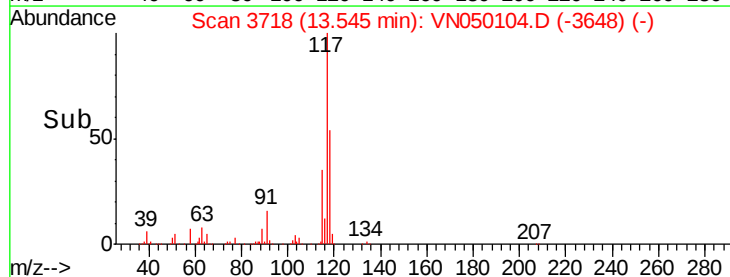
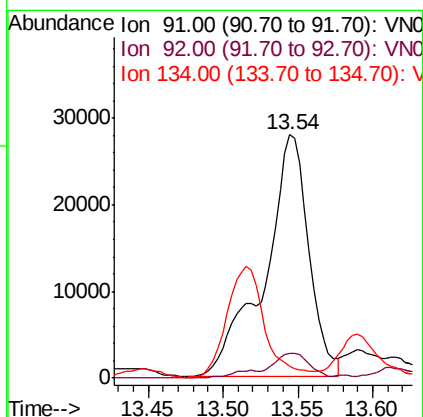
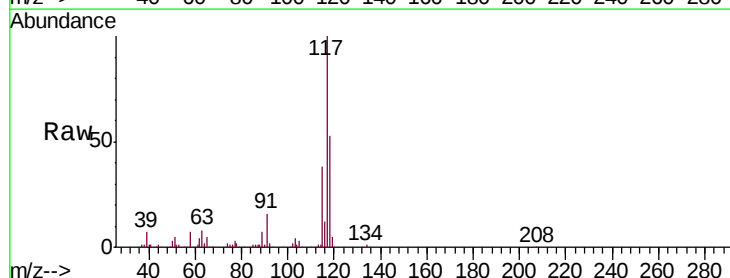
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7BSA

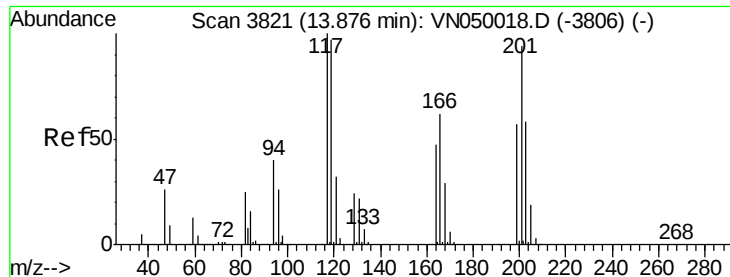
Tot Ion:119 Resp: 9062
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.8
 91 26.3 11.4 34.2



#89
 n-Butylbenzene
 Concen: 2.79 ug/l
 RT: 13.54 min Scan# 3718
 Delta R.T. -0.07 min
 Lab File: VN050104.D
 Acq: 27 Jul 2018 1:10

Tgt Ion: 91 Resp: 57599
 Ion Ratio Lower Upper
 91 100
 92 10.4 25.8 77.4#
 134 0.0 12.8 38.4#





#90

Hexachloroethane

Concen: 0.88 ug/l

RT: 13.89 min Scan# 3824

Delta R.T. 0.01 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

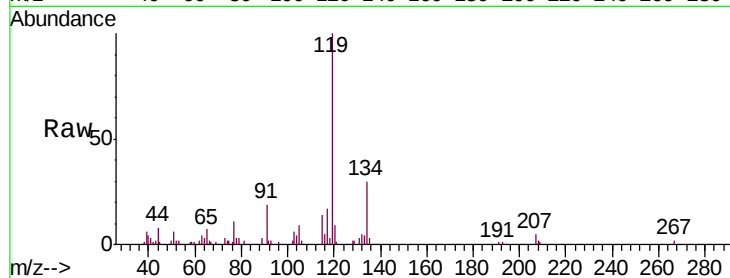
MW-7BSA

Tot Ion:117 Resp: 4890

Ion Ratio Lower Upper

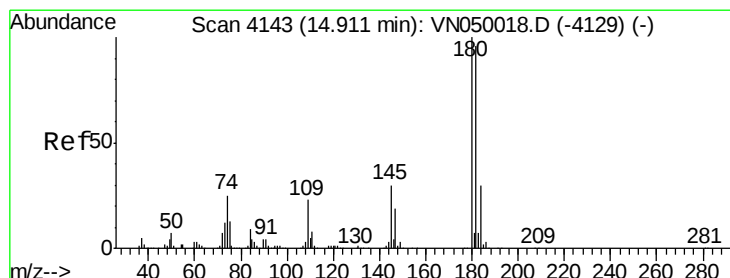
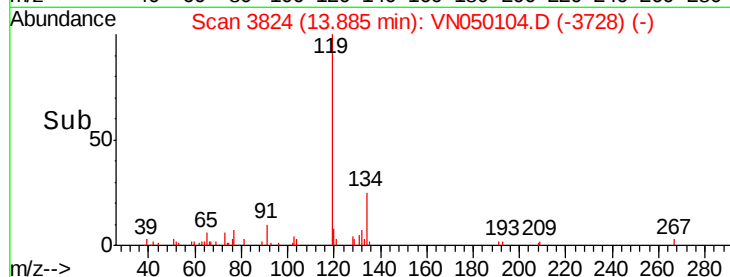
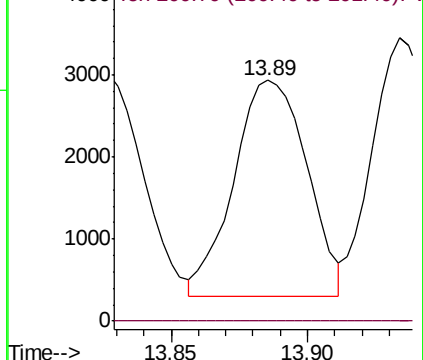
117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 3.18 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

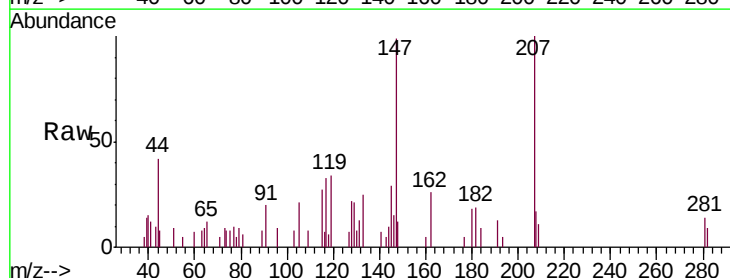
Tgt Ion:180 Resp: 775

Ion Ratio Lower Upper

180 100

182 128.0 46.7 140.1

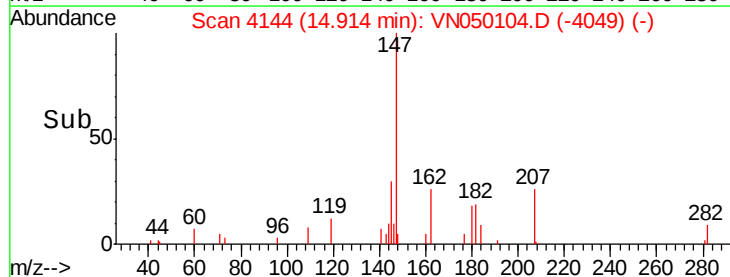
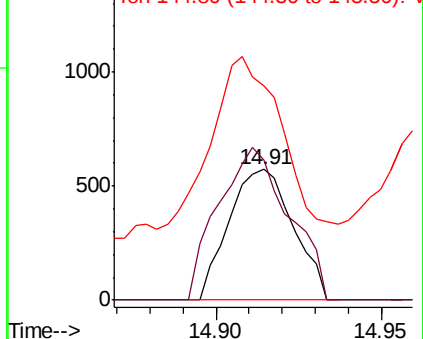
145 150.2 13.8 41.4#

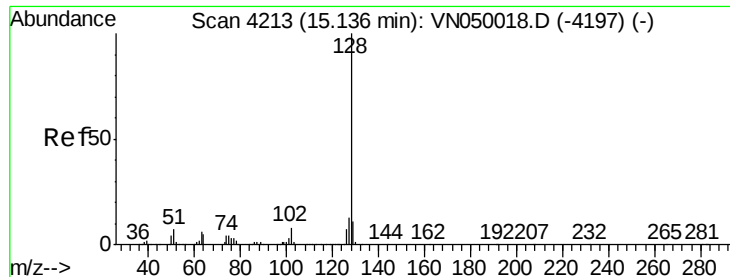


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

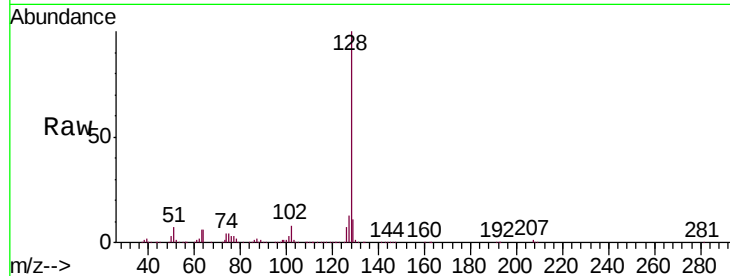




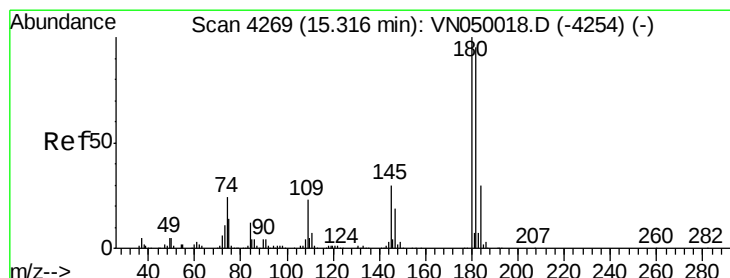
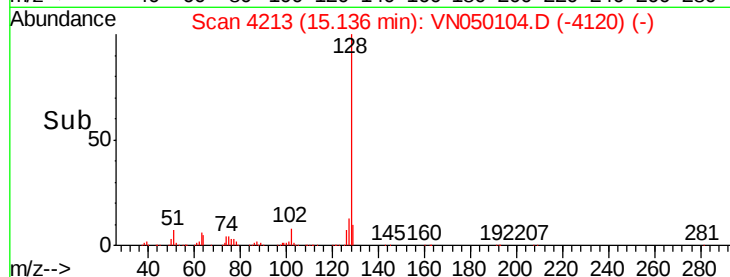
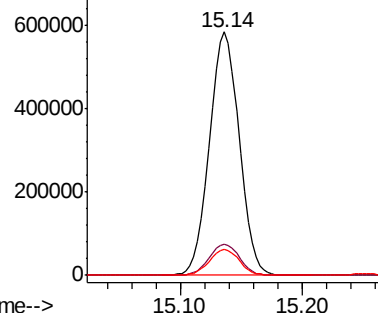
#95
Naphthalene
Concen: 51.25 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.8	13.2

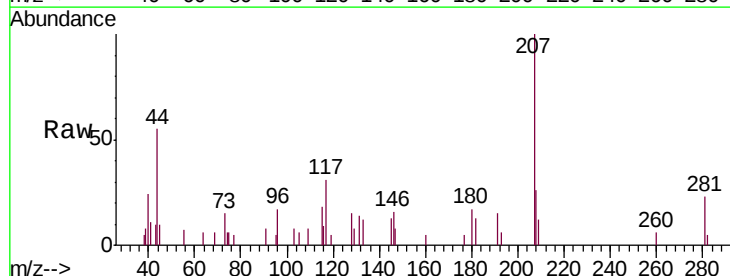


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 2.30 ug/l
RT: 15.31 min Scan# 4267
Delta R.T. -0.01 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	110.8	48.1	144.4
145	0.0	15.3	45.9#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

