

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050139.D
 Acq On : 27 Jul 2018 19:08
 Operator : MD\SY
 Sample : J4184-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BS

Quant Time: Jul 27 23:33:38 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	754101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1179650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	983229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	425458	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	499600	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.59	113	439766	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
50) Toluene-d8	10.09	98	1588590	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	
62) 4-Bromofluorobenzene	12.40	95	488678	41.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.82%	

Target Compounds				Qvalue		
5) Bromomethane	2.57	94	988	Below Cal		97
17) Carbon Disulfide	4.05	76	6915	0.26 ug/l		100
18) Methyl Acetate	4.33	43	7757	Below Cal	#	83
20) Methylene Chloride	4.55	84	3293	Below Cal	#	83
31) Cyclohexane	7.66	56	17865	1.17 ug/l	#	12
36) 1,1-Dichloropropene	7.67	75	51725	3.89 ug/l	#	49
38) Carbon Tetrachloride	7.67	117	66592	4.72 ug/l	#	16
39) Methylcyclohexane	9.09	83	6693	0.49 ug/l		97
40) Benzene	8.05	78	1618669	40.02 ug/l		99
41) Methacrylonitrile	7.37	41	29	2.75 ug/l	#	10
42) 1,2-Dichloroethane	8.05	62	13361	0.99 ug/l	#	74
43) Isopropyl Acetate	8.25	43	107634	5.14 ug/l	#	61
52) Toluene	10.16	92	206443	8.65 ug/l		98
56) Ethyl methacrylate	10.44	69	470	2.07 ug/l	#	1
58) 2-Chloroethyl Vinyl ether	9.44	63	59	8.54 ug/l	#	48
59) 2-Hexanone	10.76	43	250	5.21 ug/l		63
67) Ethyl Benzene	11.52	91	953930	23.91 ug/l		100
68) m/p-Xylenes	11.62	106	207845	13.77 ug/l		99
69) o-Xylene	11.95	106	177880	12.37 ug/l		99
70) Styrene	11.96	104	16583	1.56 ug/l	#	1
71) Bromoform	12.41	173	3737	0.54 ug/l	#	1
73) Isopropylbenzene	12.25	105	213041	6.46 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.56	83	63	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	241012	30.48 ug/l	#	100
78) n-propylbenzene	12.59	91	44179	1.20 ug/l		99
79) 2-Chlorotoluene	12.69	91	16846	0.74 ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	34596	1.33 ug/l		98
81) trans-1,4-Dichloro-2-buten	12.40	75	241012	96.68 ug/l	#	13
83) tert-Butylbenzene	13.04	119	25278	1.12 ug/l	#	61
84) 1,2,4-Trimethylbenzene	13.04	105	177509	6.79 ug/l		100
85) sec-Butylbenzene	13.04	105	177509	5.87 ug/l	#	56
86) p-Isopropyltoluene	13.29	119	11208	0.44 ug/l		92
89) n-Butylbenzene	13.59	91	8332	0.40 ug/l	#	1
90) Hexachloroethane	13.89	117	5252	0.93 ug/l	#	4

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Instrument :
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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

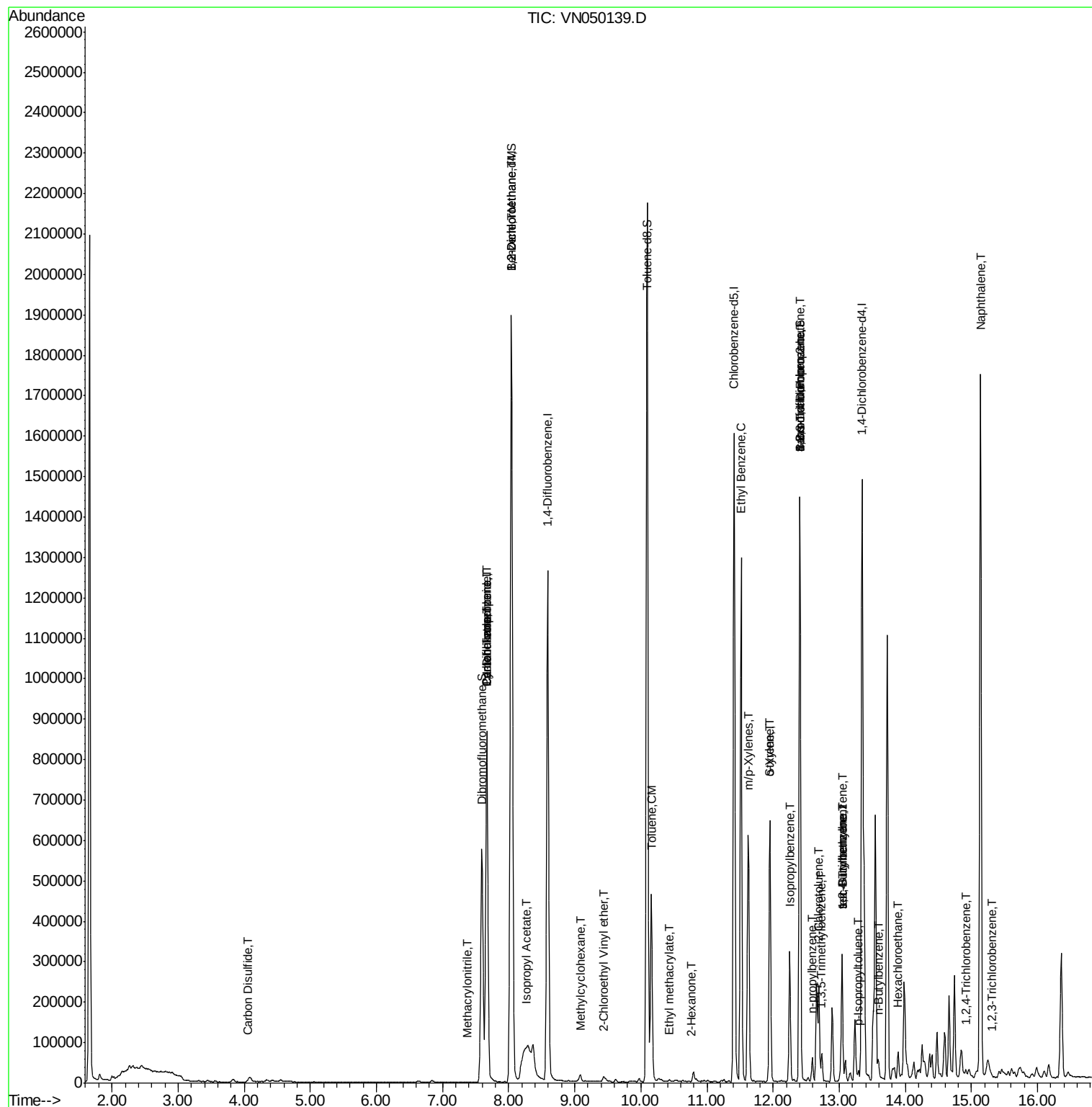
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.28	75	411	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	572	3.15	ug/l #	1
95) Naphthalene	15.14	128	1499976	74.80	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	513	2.27	ug/l #	70

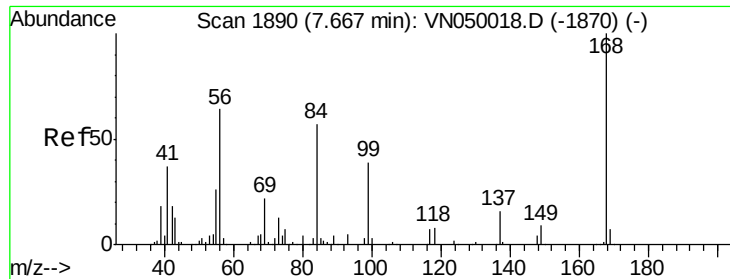
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072718\
Data File : VN050139.D
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

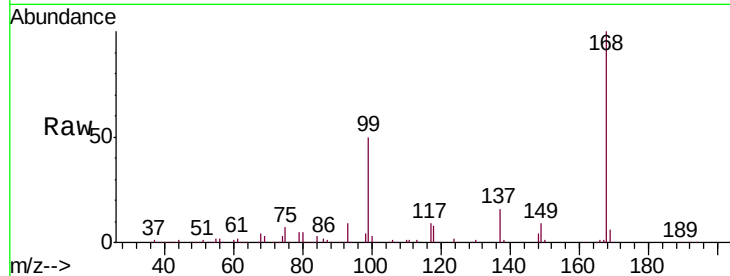
MW-7BS

Tot Ion:168 Resp: 754101

Ion Ratio Lower Upper

168 100

99 49.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

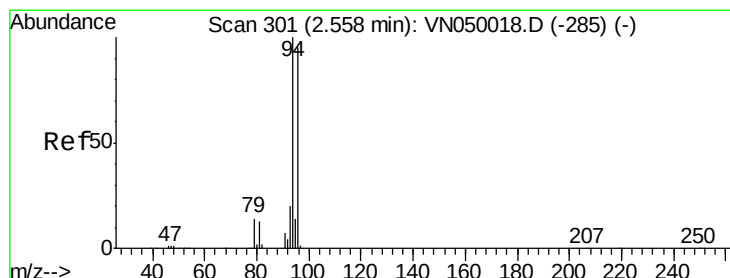
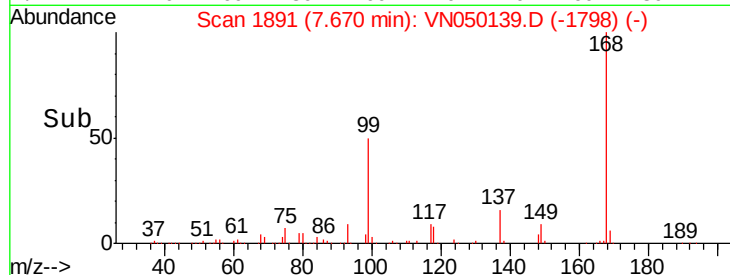
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050139.D

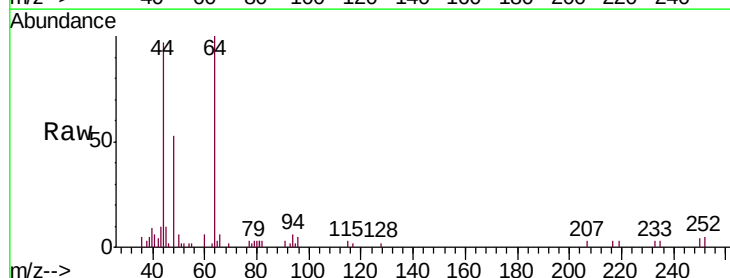
Acq: 27 Jul 2018 19:08

Tgt Ion: 94 Resp: 988

Ion Ratio Lower Upper

94 100

96 90.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.57

600

500

400

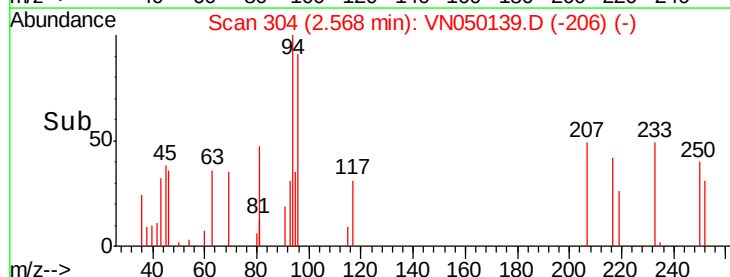
300

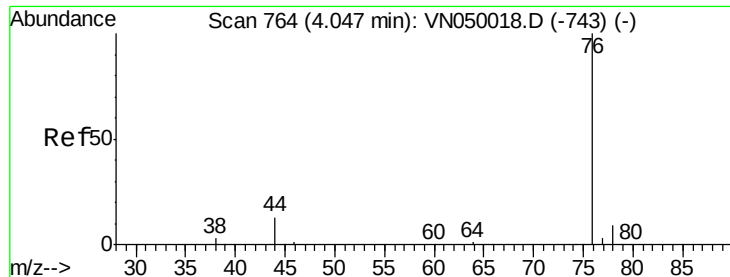
200

100

0

Time-->

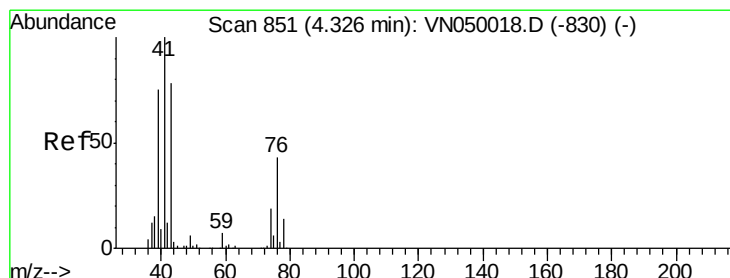
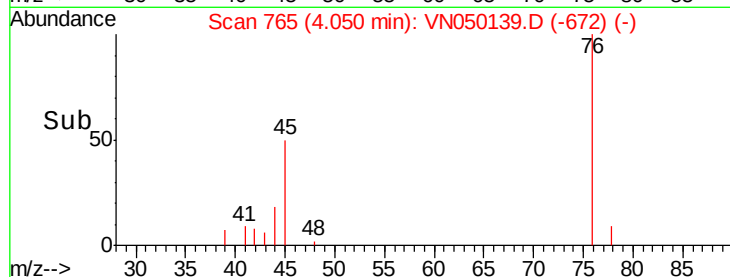
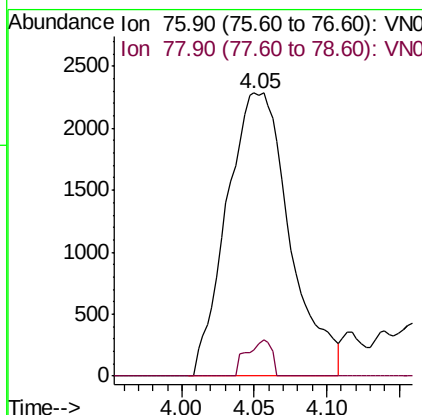
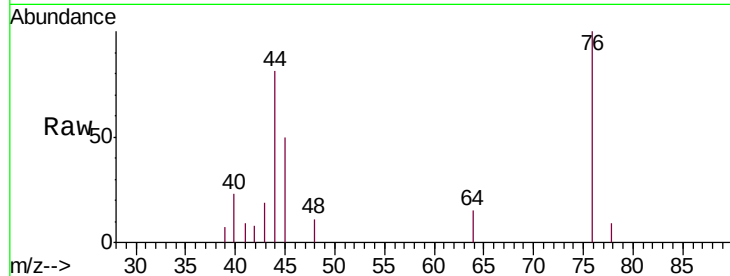




#17
Carbon Disulfide
Concen: 0.26 ua/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

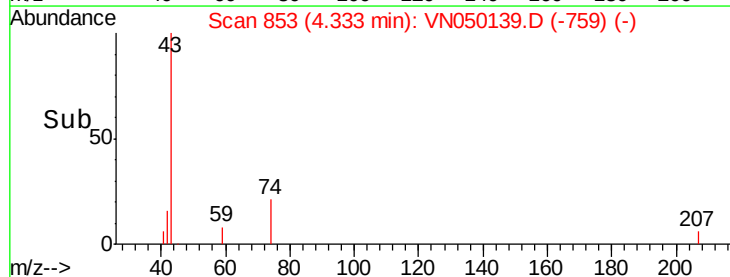
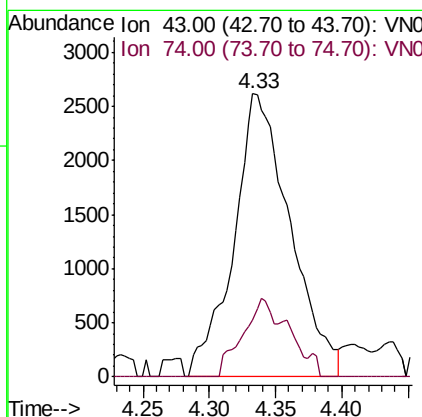
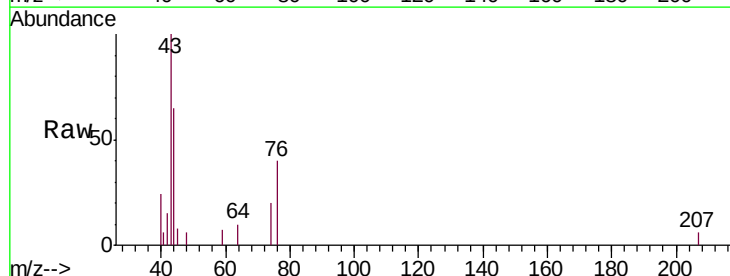
Instrument :
MSVOA_N
ClientSampled :
MW-7BS

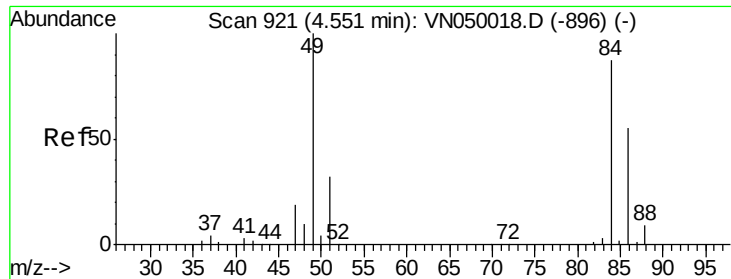
Tot Ion: 76 Resp: 6915
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

Tgt Ion: 43 Resp: 7757
Ion Ratio Lower Upper
43 100
74 15.8 19.2 28.8#

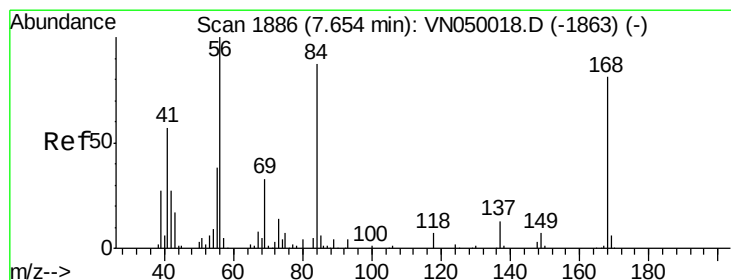
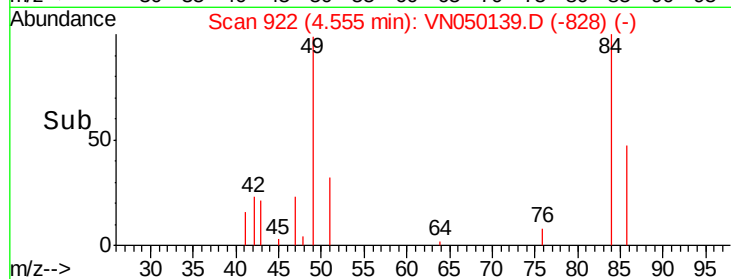
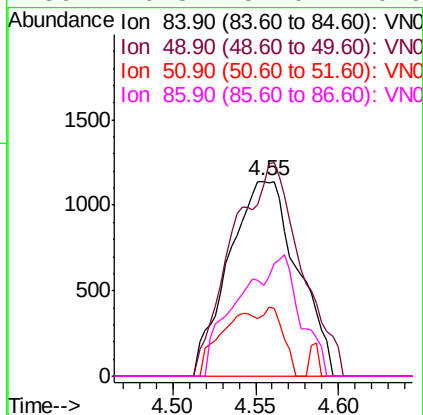
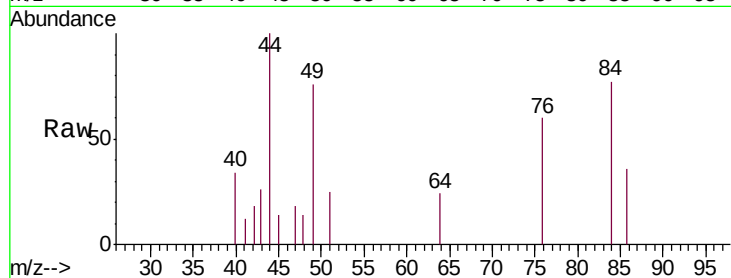




#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

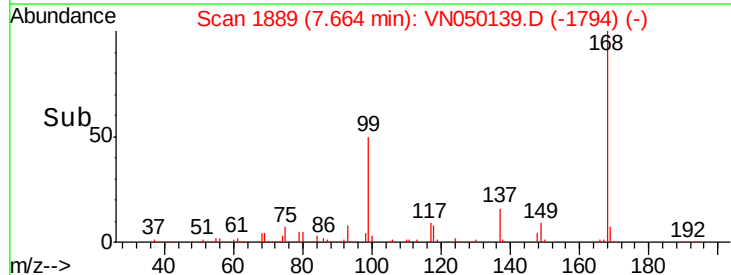
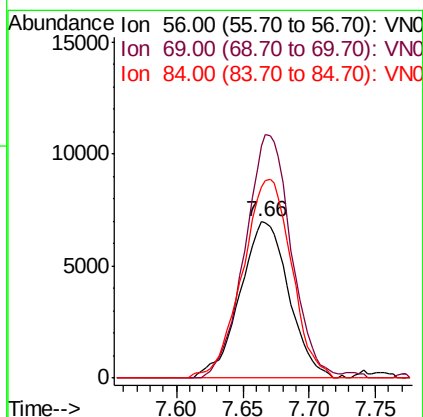
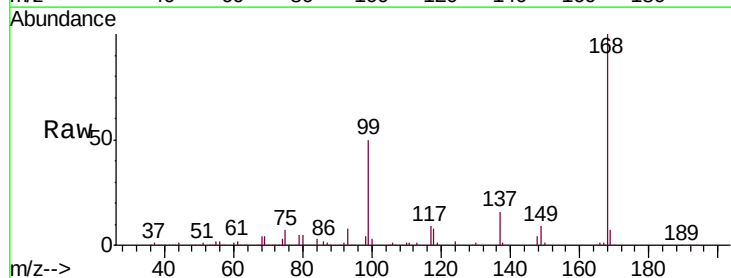
Instrument :
MSVOA_N
ClientSampleId :
MW-7BS

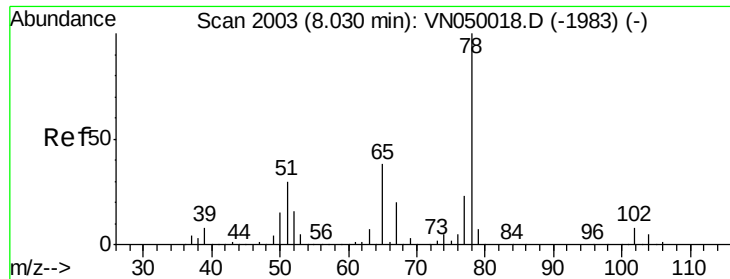
Tot Ion: 84 Resp: 3293
Ion Ratio Lower Upper
84 100
49 98.6 94.8 142.2
51 31.7 28.3 42.5
86 46.8 51.0 76.6#



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

Tgt Ion: 56 Resp: 17865
Ion Ratio Lower Upper
56 100
69 148.6 26.2 39.4#
84 122.3 67.4 101.0#

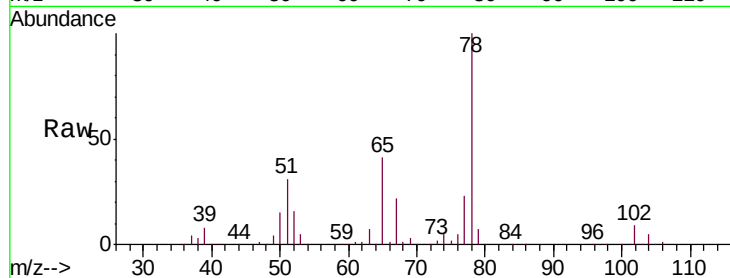




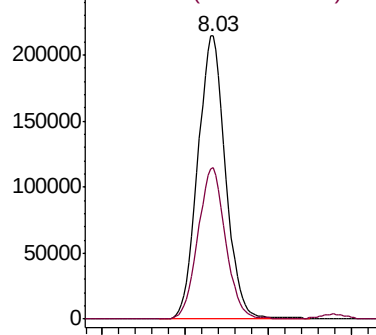
#33
 1,2-Dichloroethane-d4
 Concen: 47.48 ug/l
 RT: 8.03 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: VN050139.D
 Acq: 27 Jul 2018 19:08

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BS

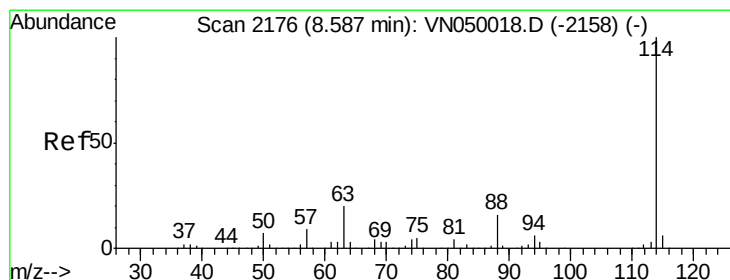
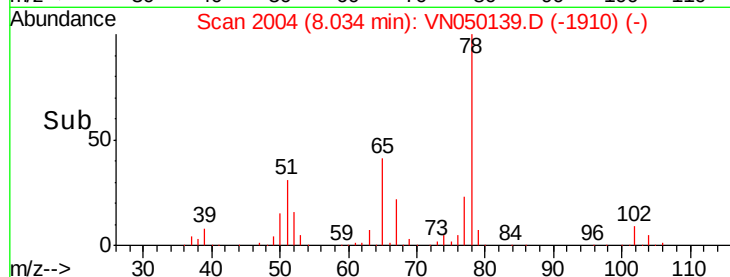
Tot Ion: 65 Resp: 499600
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050139.D (-1983) (-)
 Ion 66.90 (66.60 to 67.60): VN050139.D (-1983) (-)

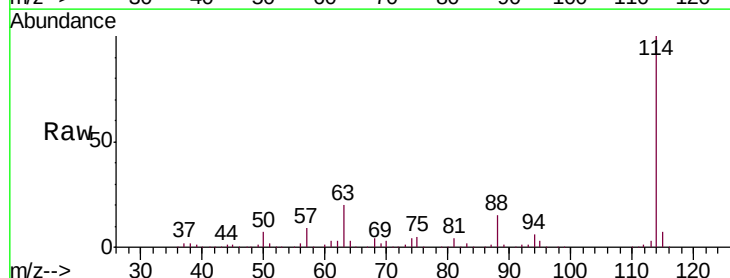


Time-->

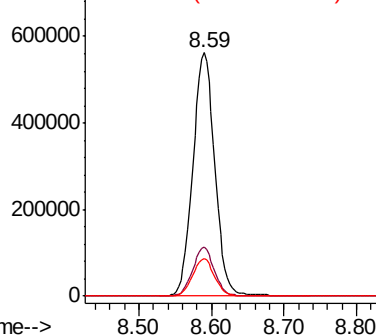


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050139.D
 Acq: 27 Jul 2018 19:08

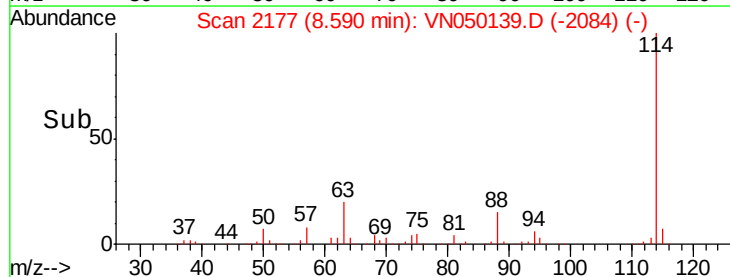
Tgt Ion: 114 Resp: 1179650
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.2 0.0 31.2

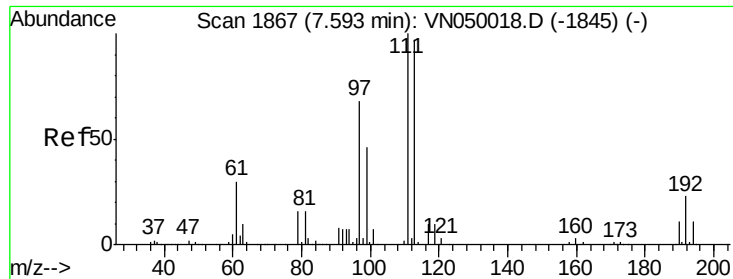


Abundance Ion 113.90 (113.60 to 114.60): VN050139.D (-2158) (-)
 Ion 63.00 (62.70 to 63.70): VN050139.D (-2158) (-)
 Ion 87.90 (87.60 to 88.60): VN050139.D (-2158) (-)



Time-->

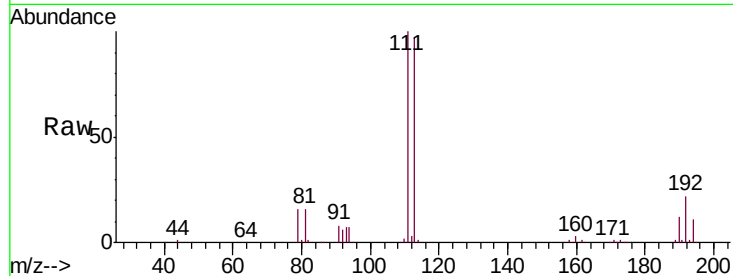




#35
 Dibromofluoromethane
 Concen: 45.66 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050139.D
 Acq: 27 Jul 2018 19:08

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	22.5	17.8	26.6

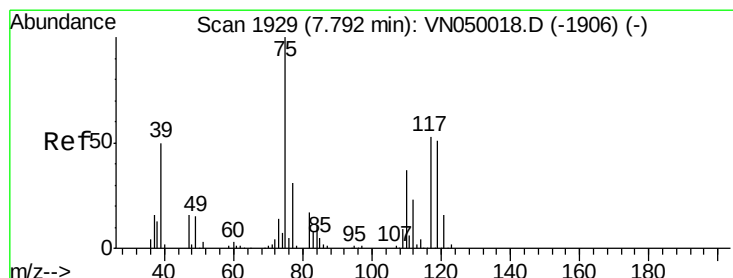
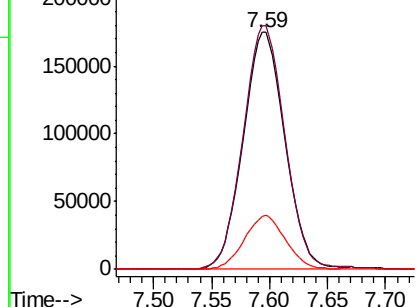
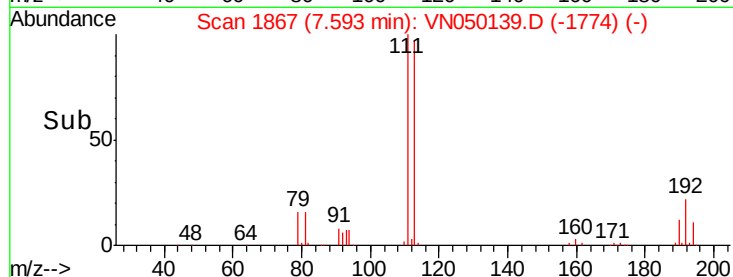


Abundance

Ion 112.80 (112.50 to 113.50): V

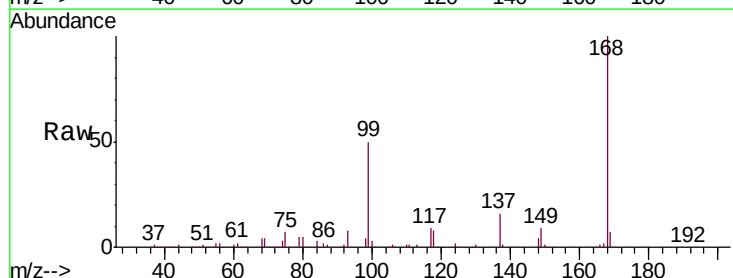
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 3.89 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050139.D
 Acq: 27 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.4	55.2#
77	0.0	25.3	37.9#

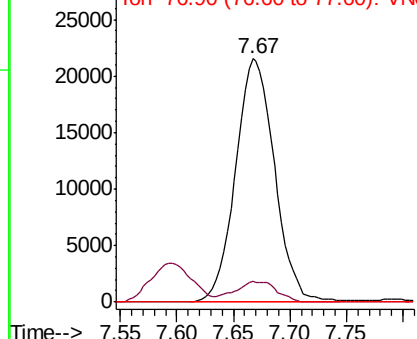
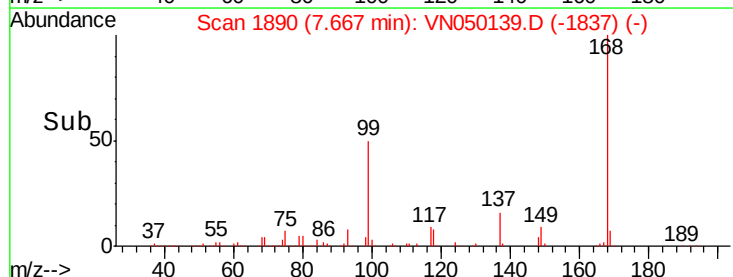


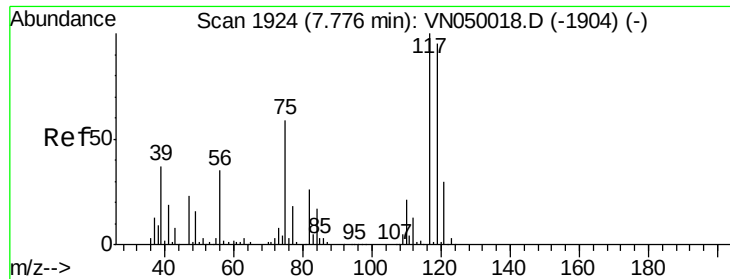
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

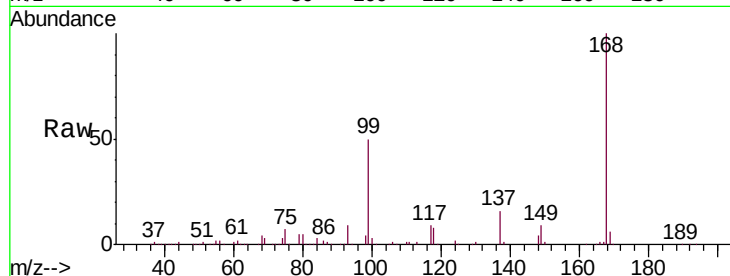




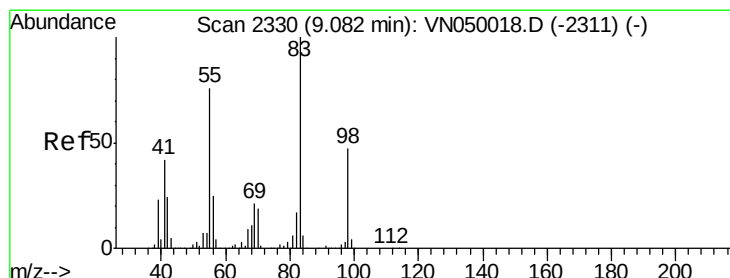
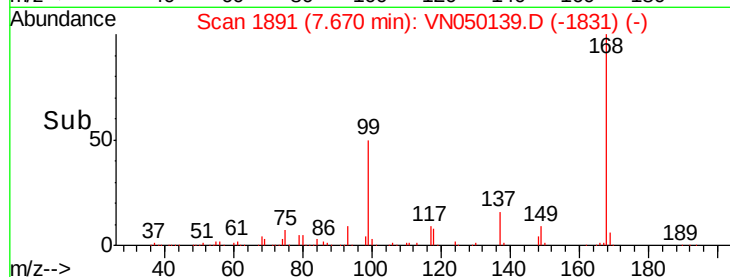
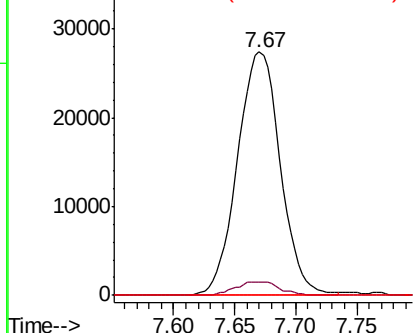
#38
Carbon Tetrachloride
Concen: 4.72 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

Instrument :
MSVOA_N
ClientSampled :
MW-7BS

Tot Ion:117 Resp: 66592
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.0#
121 0.0 23.9 35.9#

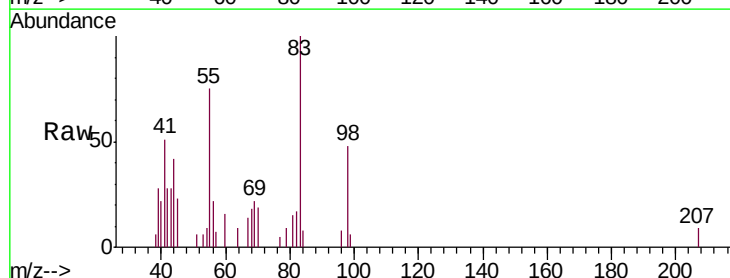


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

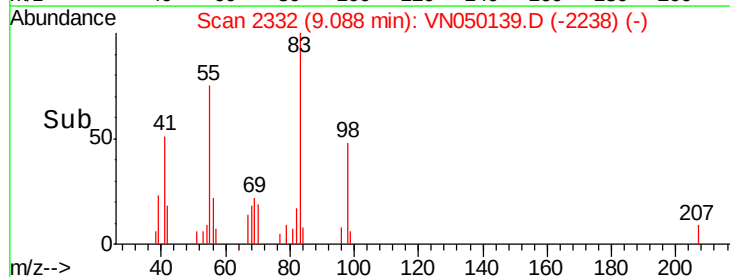
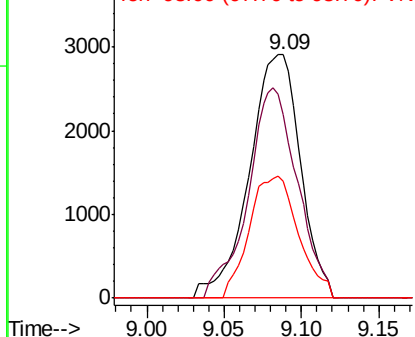


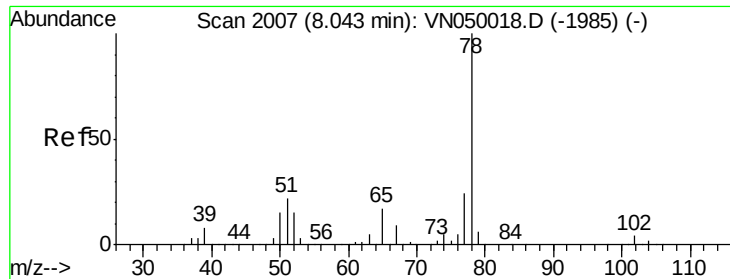
#39
Methylcyclohexane
Concen: 0.49 ug/l
RT: 9.09 min Scan# 2332
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

Tgt Ion: 83 Resp: 6693
Ion Ratio Lower Upper
83 100
55 75.4 61.8 92.8
98 47.9 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: 40.02 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

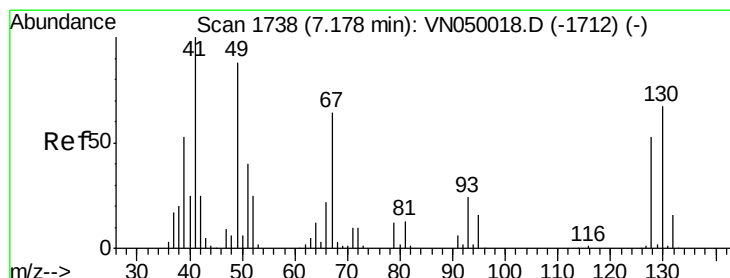
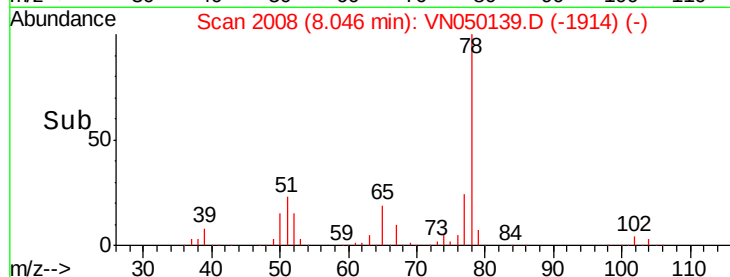
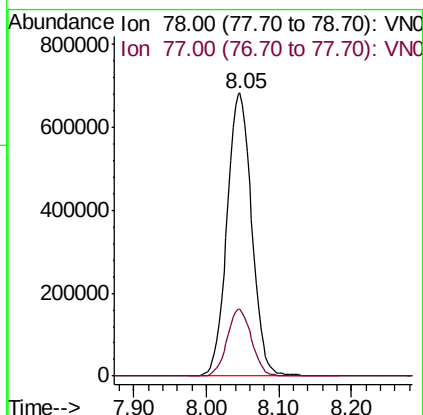
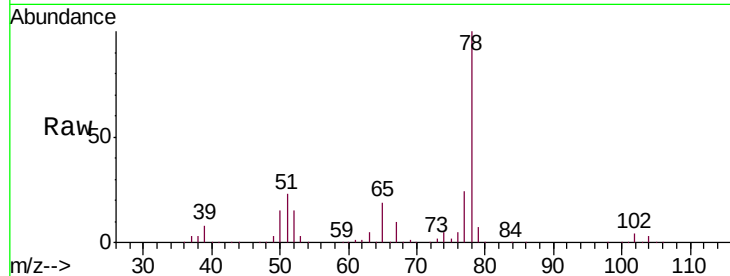
MW-7BS

Tot Ion: 78 Resp: 1618669

Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1



#41

Methacrylonitrile

Concen: 2.75 ug/l

RT: 7.37 min Scan# 1797

Delta R.T. 0.19 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Tgt Ion: 41 Resp: 29

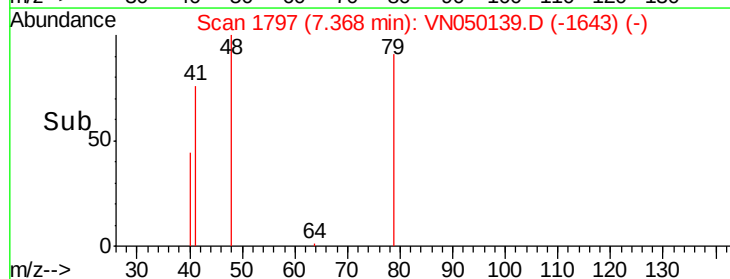
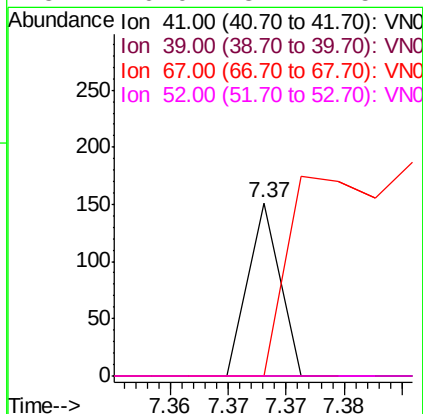
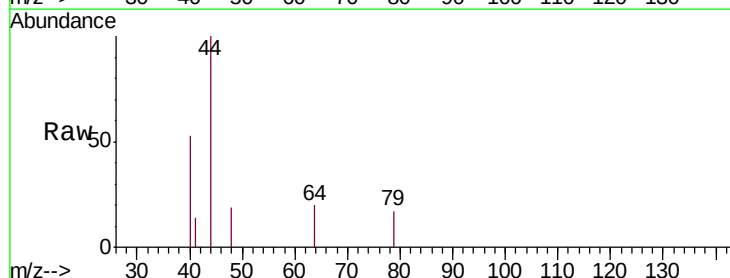
Ion Ratio Lower Upper

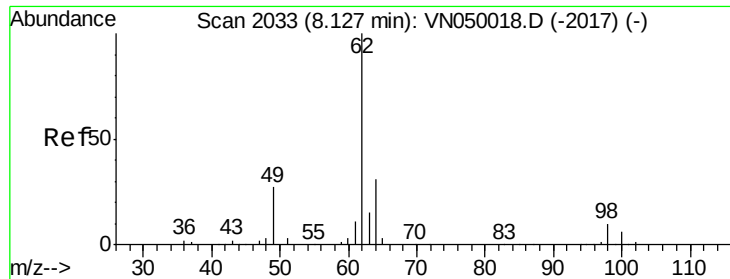
41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

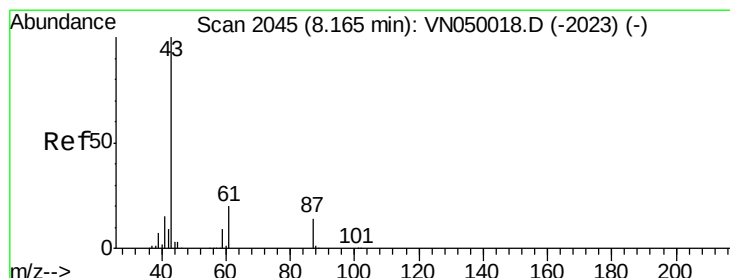
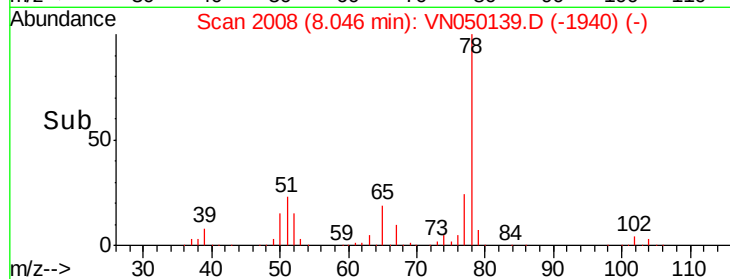
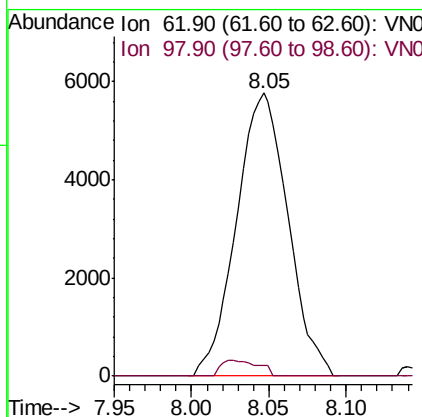
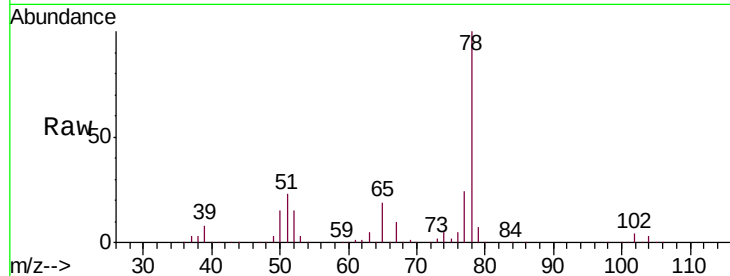




#42
 1,2-Dichloroethane
 Concen: 0.99 ug/l
 RT: 8.05 min Scan# 2008
 Delta R.T. -0.08 min
 Lab File: VN050139.D
 Acq: 27 Jul 2018 19:08

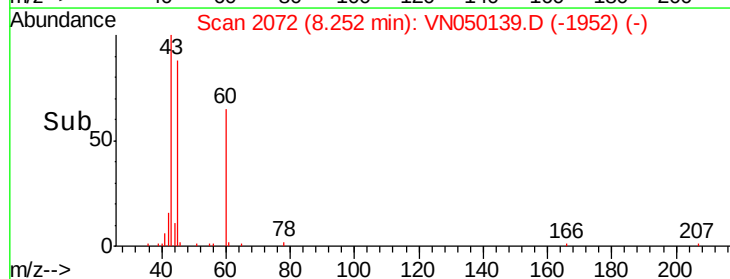
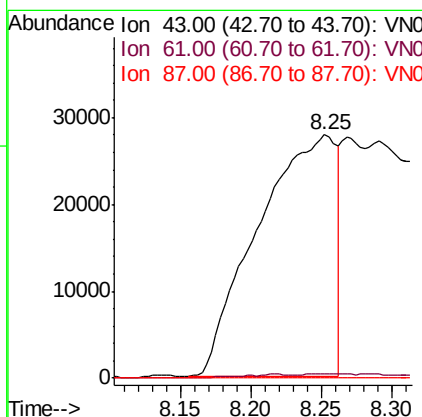
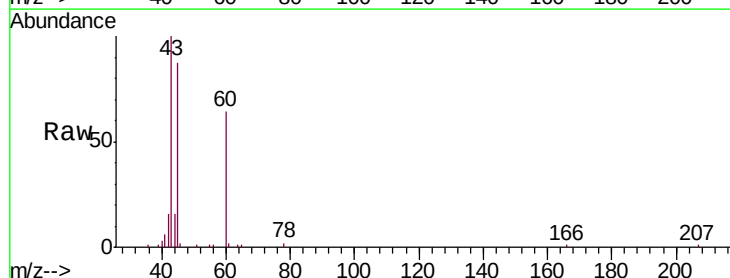
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BS

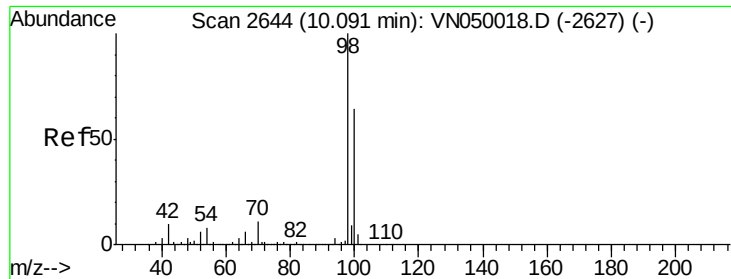
Tot Ion: 62 Resp: 13361
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 18.8



#43
 Isopropyl Acetate
 Concen: 5.14 ug/l
 RT: 8.25 min Scan# 2072
 Delta R.T. 0.08 min
 Lab File: VN050139.D
 Acq: 27 Jul 2018 19:08

Tgt Ion: 43 Resp: 107634
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.8 23.6#
 87 0.0 10.3 15.5#

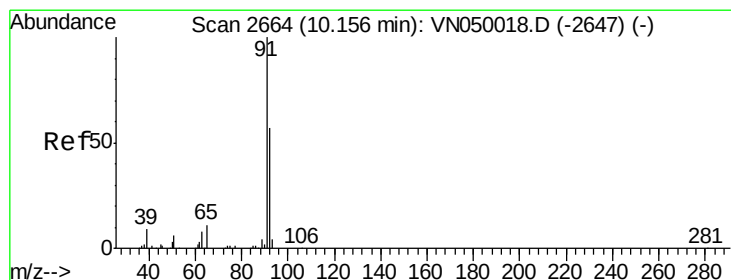
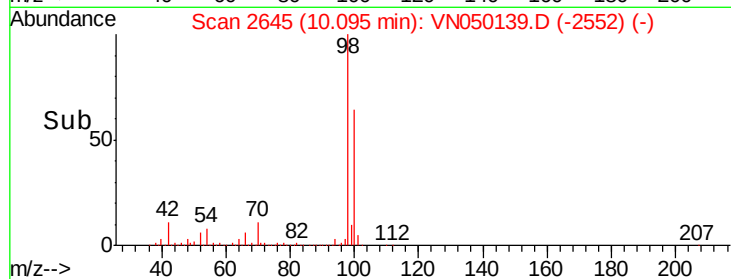
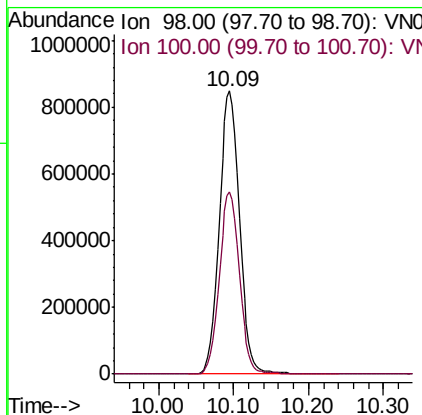
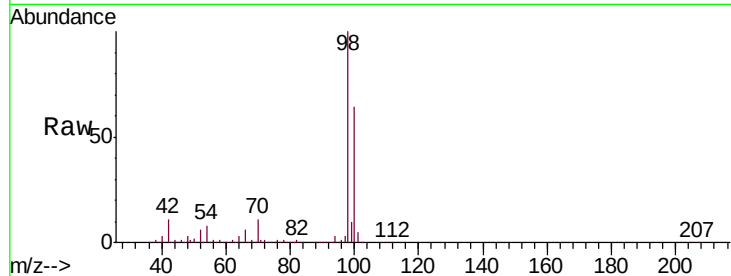




#50
Toluene-d8
Concen: 44.86 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

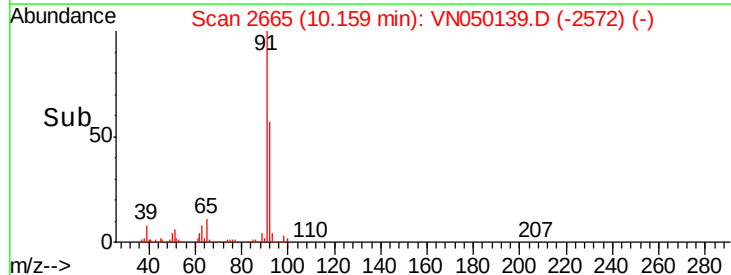
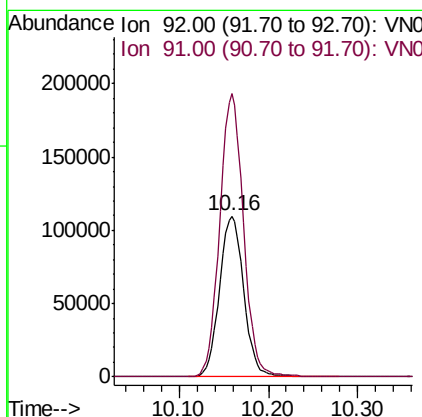
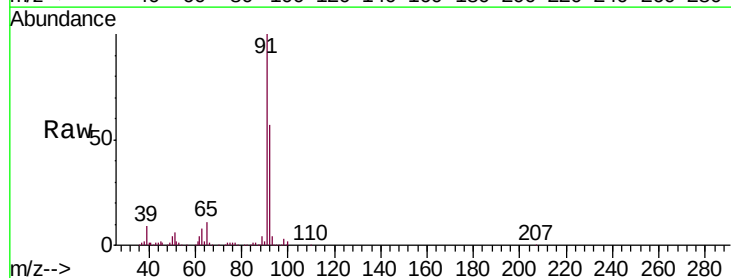
Instrument :
MSVOA_N
ClientSampleId :
MW-7BS

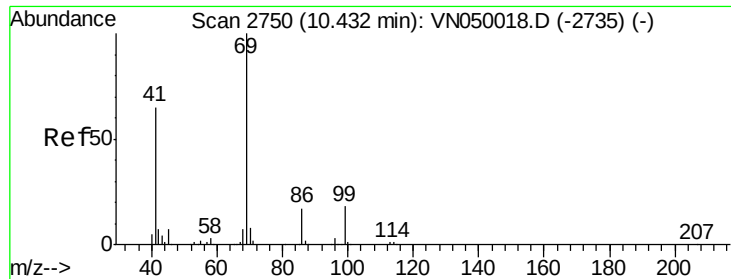
Tot Ion: 98 Resp: 1588590
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1



#52
Toluene
Concen: 8.65 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

Tgt Ion: 92 Resp: 206443
Ion Ratio Lower Upper
92 100
91 172.8 140.3 210.5





#56

Ethyl methacrylate

Concen: 2.07 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampled :

MW-7BS

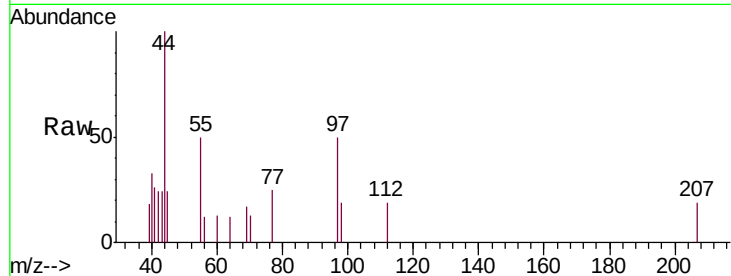
Tot Ion: 69 Resp: 470

Ion Ratio Lower Upper

69 100

41 231.7 51.0 76.4#

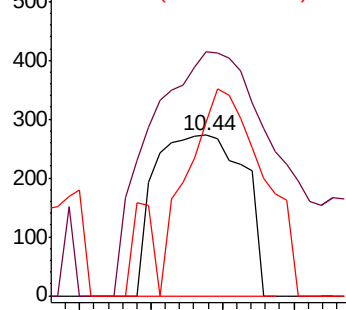
39 0.0 26.6 40.0#



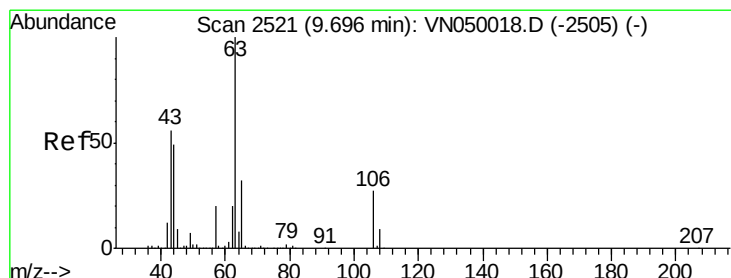
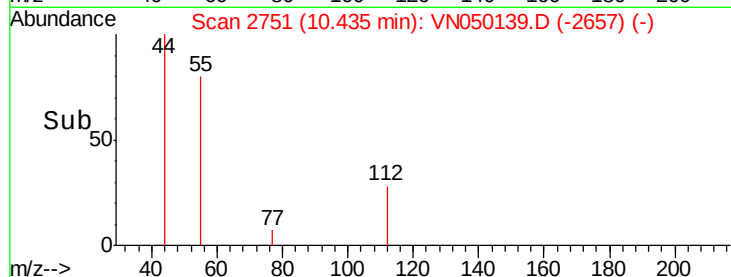
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 8.54 ug/l

RT: 9.44 min Scan# 2441

Delta R.T. -0.26 min

Lab File: VN050139.D

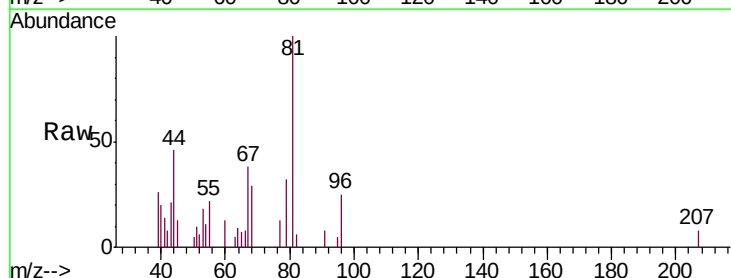
Acq: 27 Jul 2018 19:08

Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

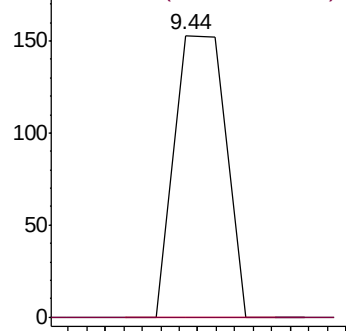
63 100

106 0.0 21.7 32.5#

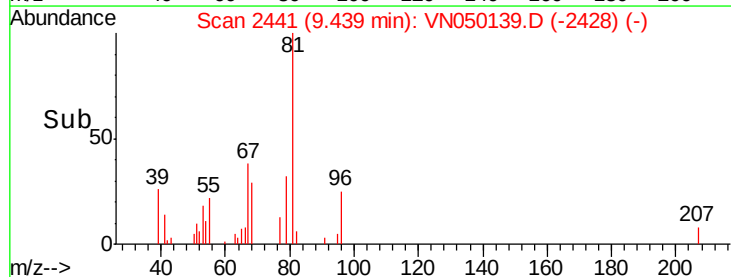


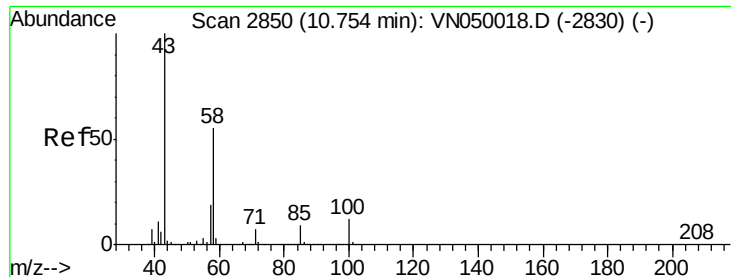
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->

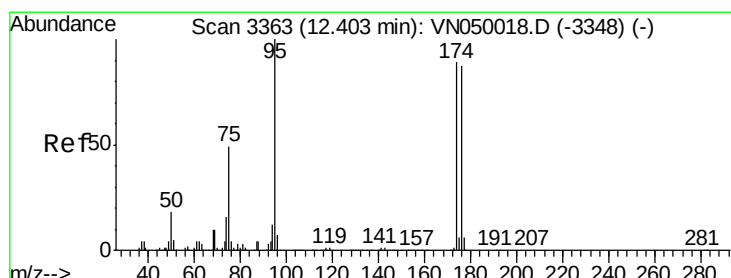
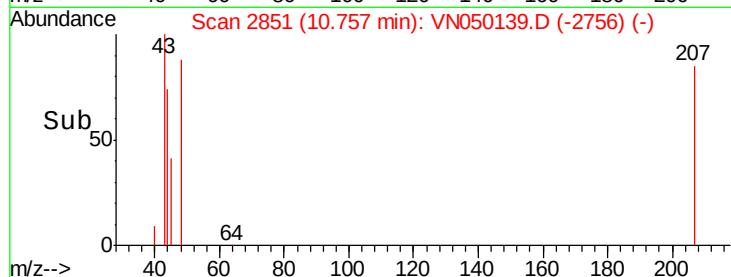
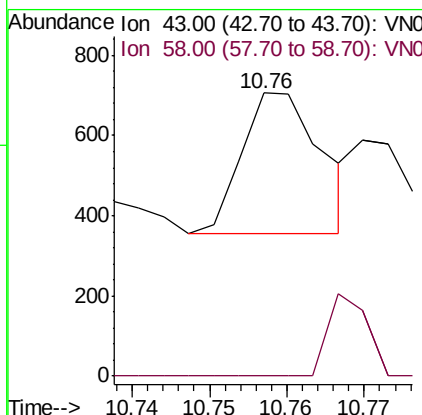
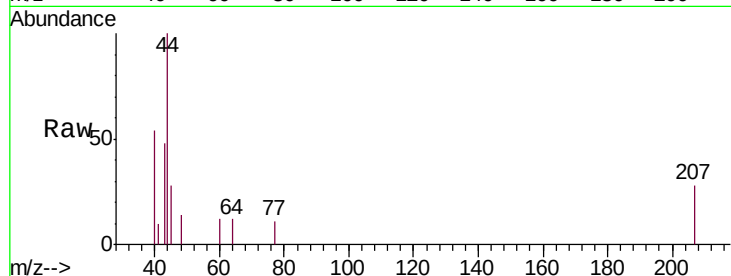




#59
2-Hexanone
Concen: 5.21 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

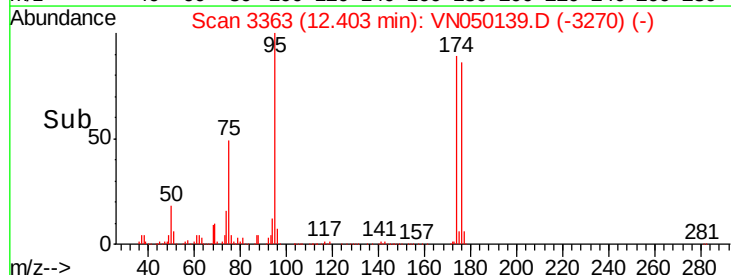
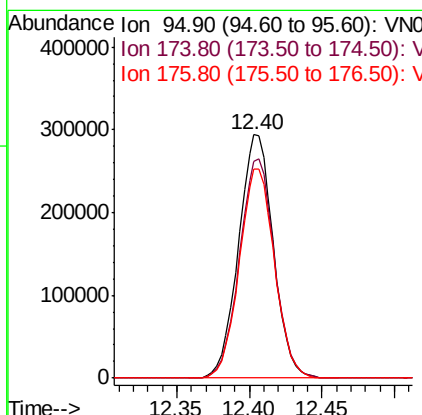
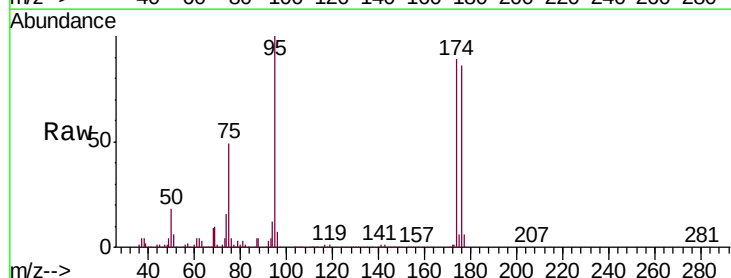
Instrument :
MSVOA_N
ClientSampleId :
MW-7BS

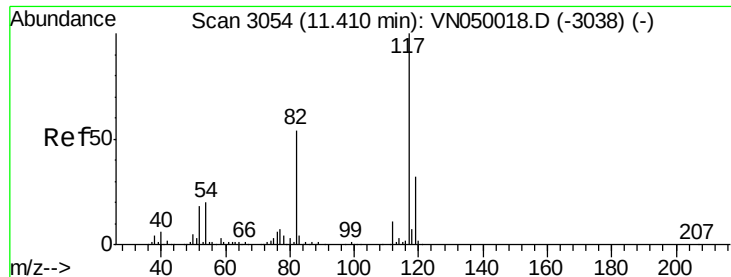
Tot Ion: 43 Resp: 250
Ion Ratio Lower Upper
43 100
58 28.4 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 41.91 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

Tgt Ion: 95 Resp: 488678
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.2
176 87.3 0.0 173.4

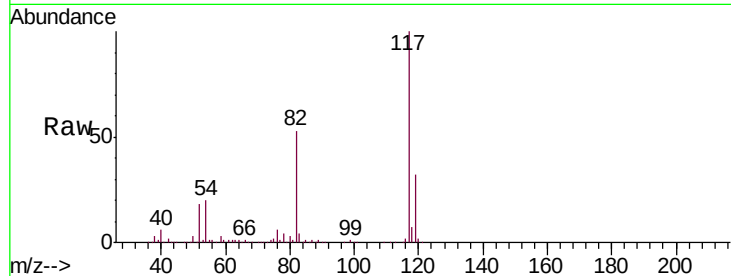




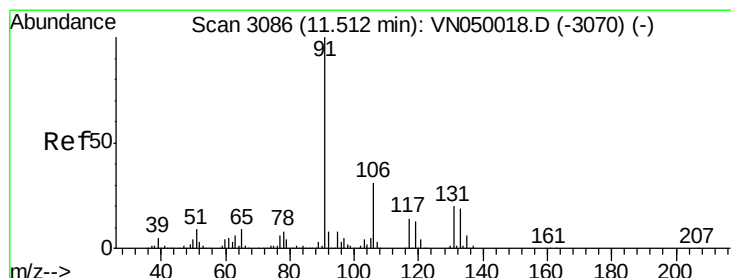
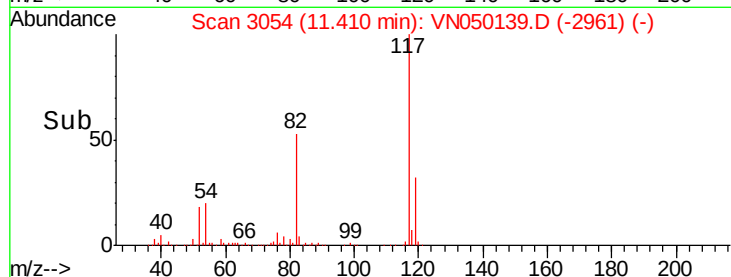
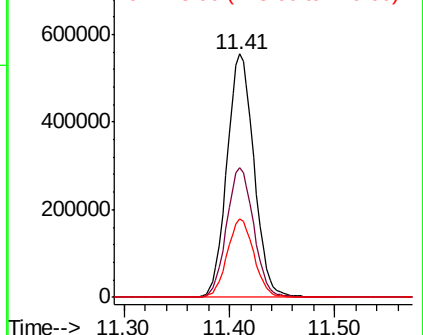
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

Instrument :
MSVOA_N
ClientSampleId :
MW-7BS

Tot Ion:117 Resp: 983229
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.1 26.1 39.1

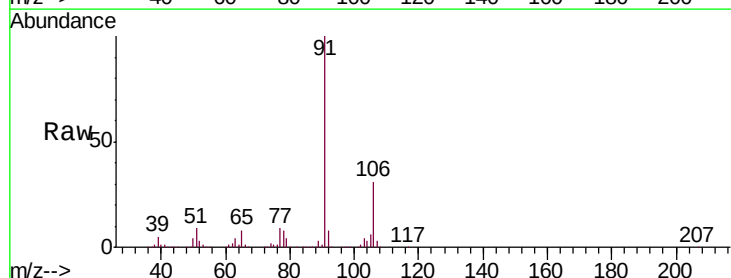


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

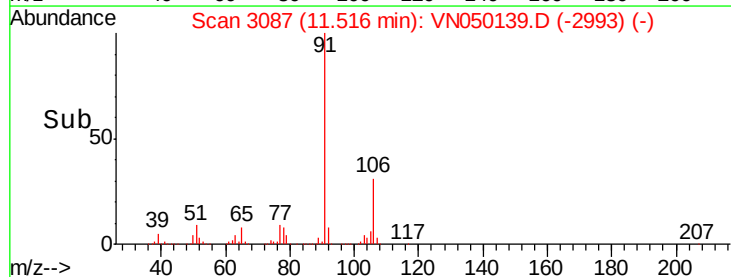
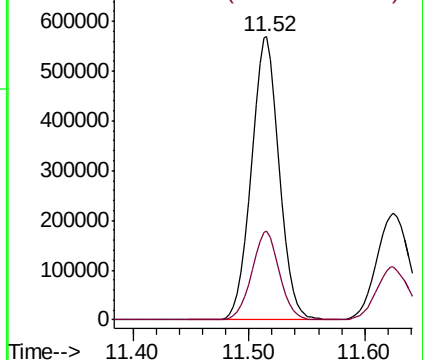


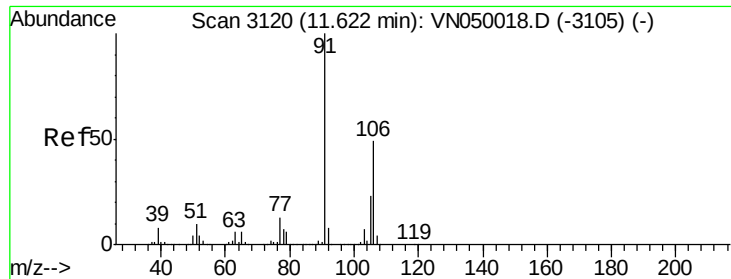
#67
Ethyl Benzene
Concen: 23.91 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

Tgt Ion: 91 Resp: 953930
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



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

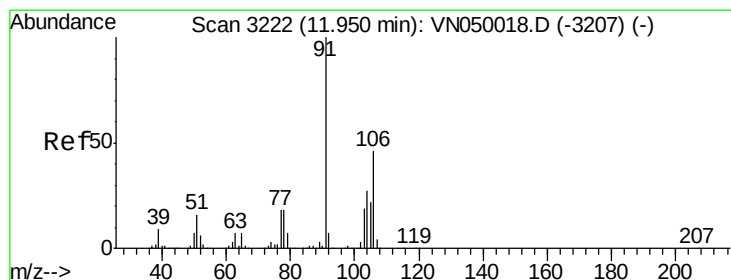
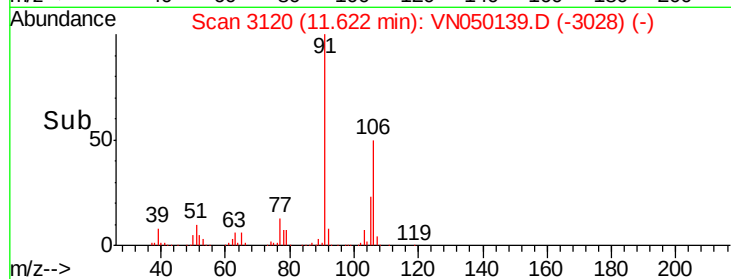
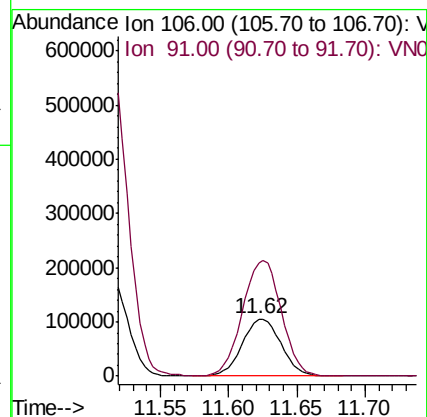
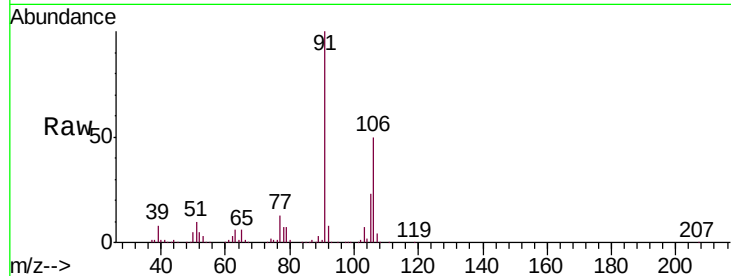




#68
m/p-Xylenes
Concen: 13.77 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

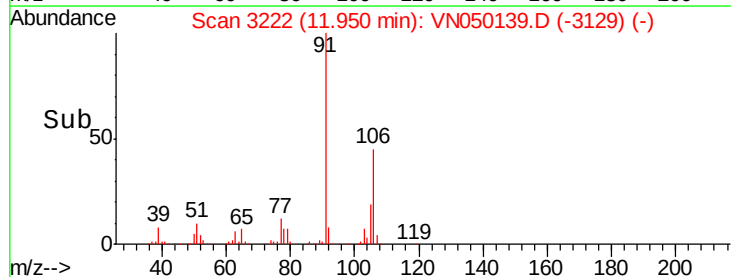
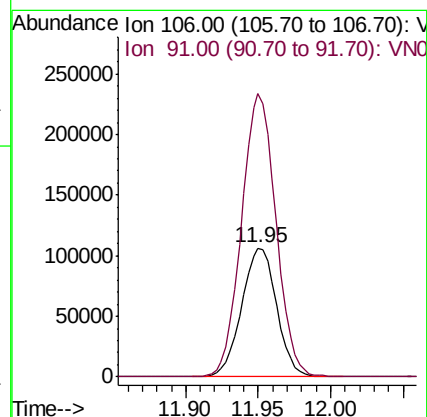
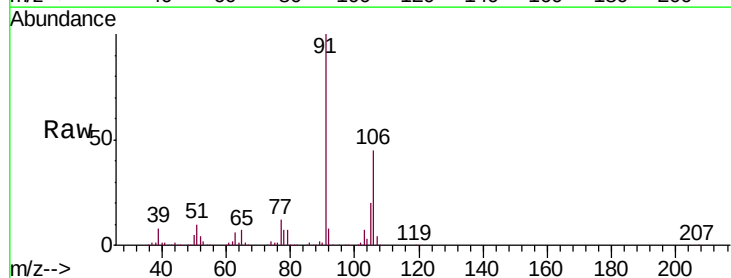
Instrument :
MSVOA_N
ClientSampled :
MW-7BS

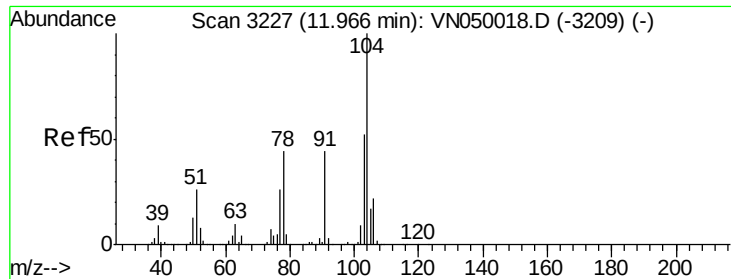
Tot Ion:106 Resp: 207845
Ion Ratio Lower Upper
106 100
91 203.7 162.2 243.2



#69
o-Xylene
Concen: 12.37 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

Tgt Ion:106 Resp: 177880
Ion Ratio Lower Upper
106 100
91 217.2 107.7 323.1

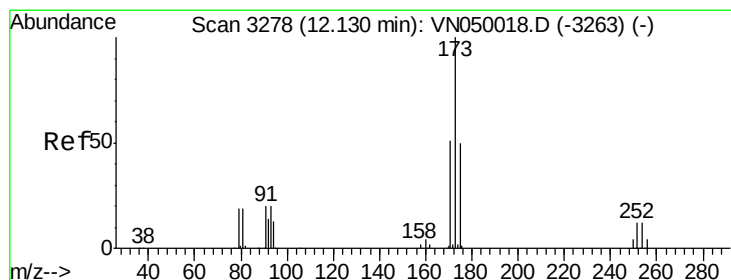
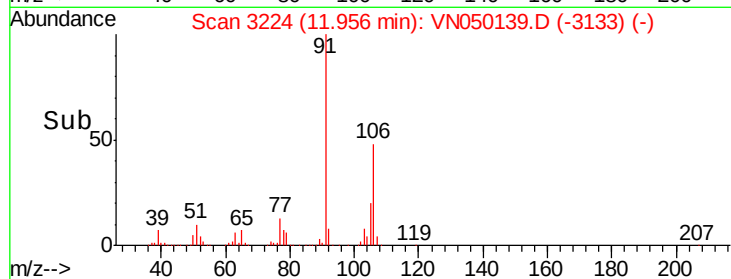
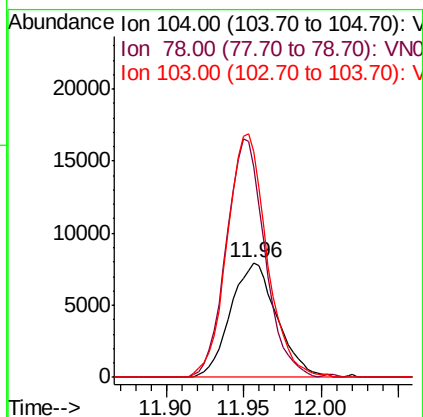
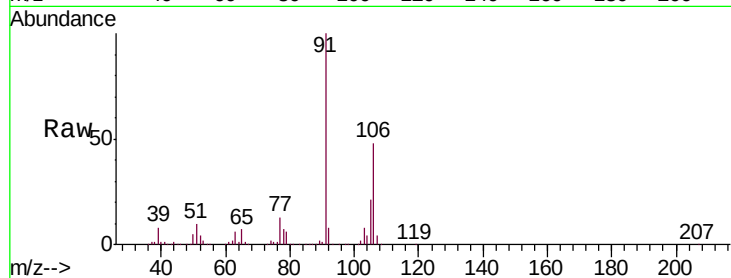




#70
Stvrene
Concen: 1.56 ug/l
RT: 11.96 min Scan# 3224
Delta R.T. -0.01 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

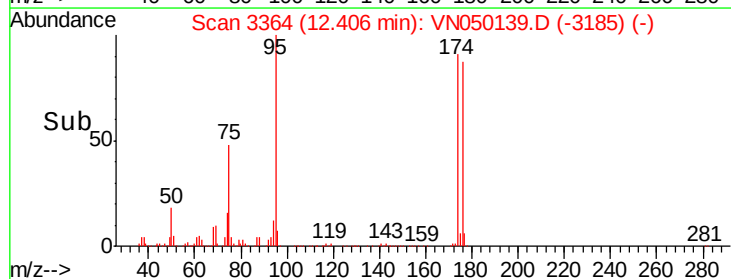
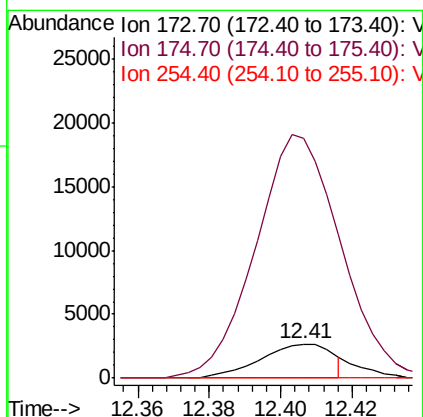
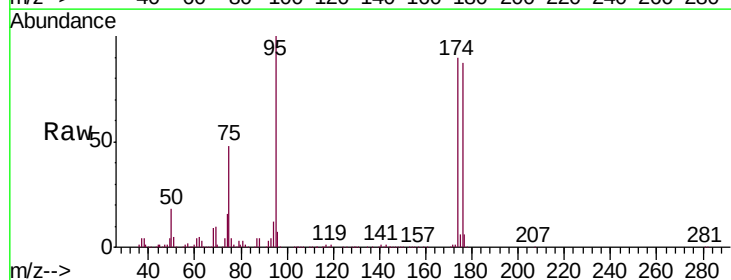
Instrument :
MSVOA_N
ClientSampled :
MW-7BS

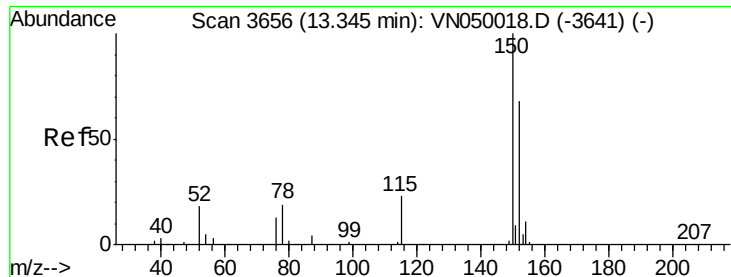
Tot Ion:104 Resp: 16583
Ion Ratio Lower Upper
104 100
78 172.6 39.3 58.9#
103 181.6 45.0 67.6#



#71
Bromoform
Concen: 0.54 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN050139.D
Acq: 27 Jul 2018 19:08

Tgt Ion:173 Resp: 3737
Ion Ratio Lower Upper
173 100
175 732.0 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

MW-7BS

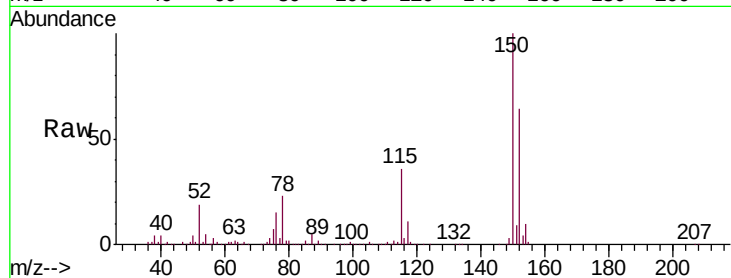
Tot Ion:152 Resp: 425458

Ion Ratio Lower Upper

152 100

115 57.0 27.8 83.3

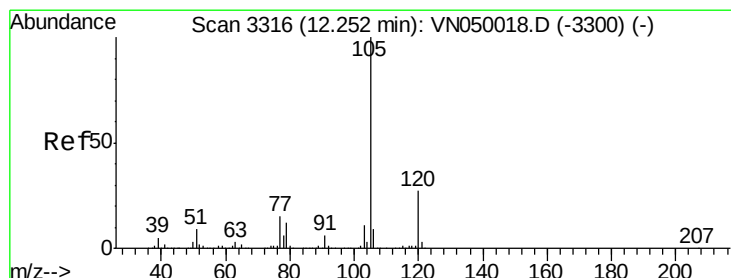
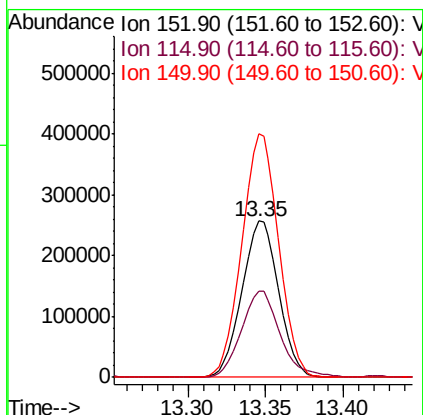
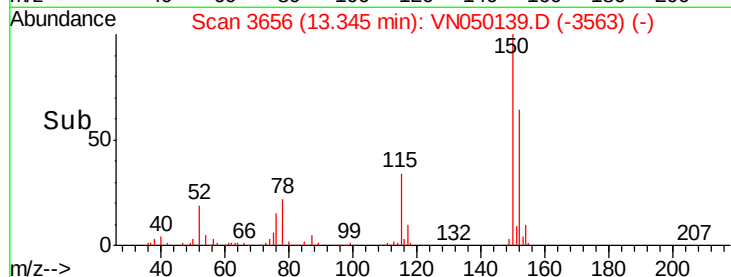
150 155.7 0.0 348.6



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: 6.46 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050139.D

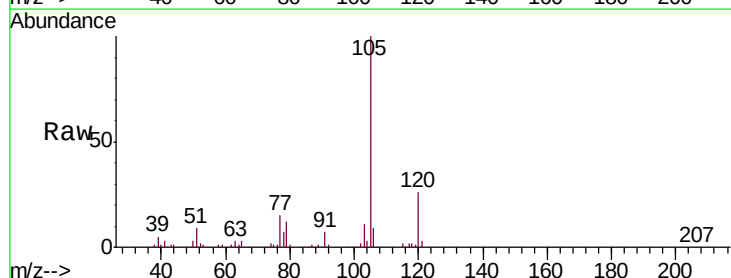
Acq: 27 Jul 2018 19:08

Tgt Ion:105 Resp: 213041

Ion Ratio Lower Upper

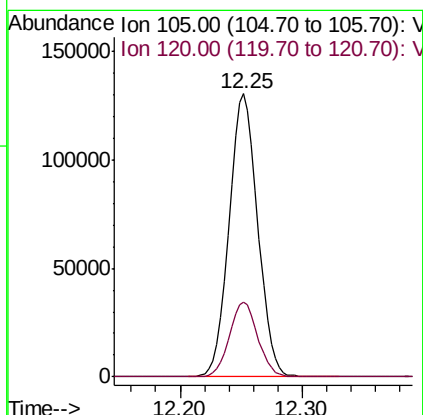
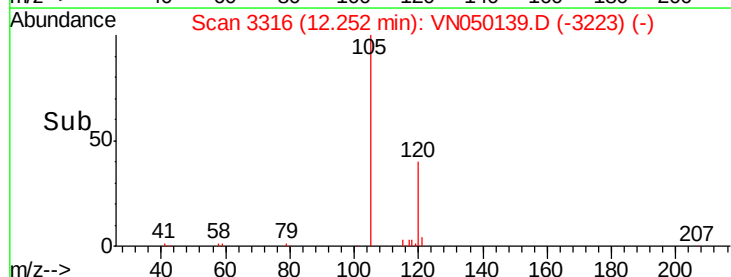
105 100

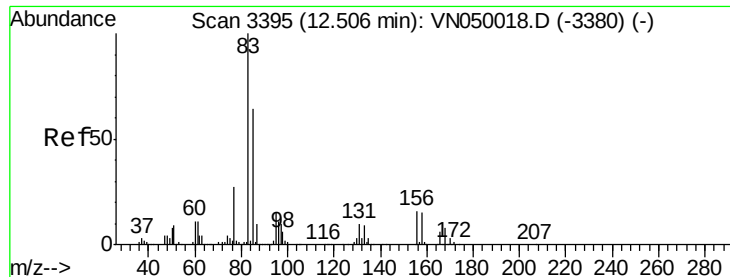
120 26.2 13.3 39.8



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: 12.56 min Scan# 3412

Delta R.T. 0.06 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

MW-7BS

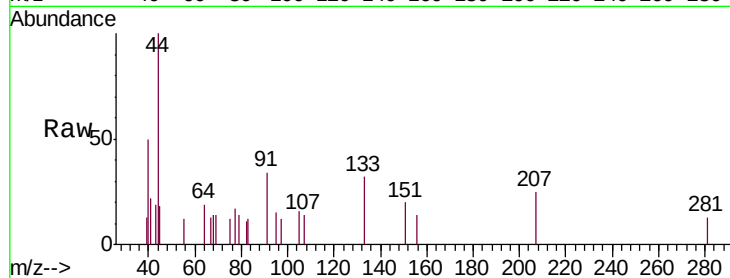
Tot Ion: 83 Resp: 63

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

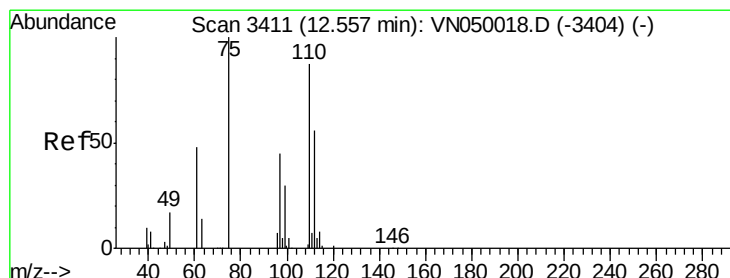
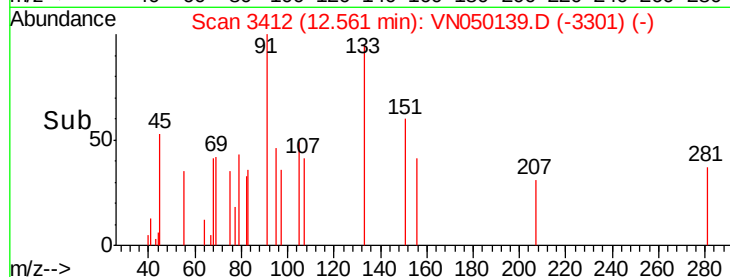
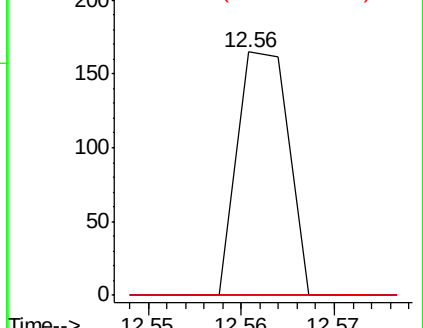
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 30.48 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050139.D

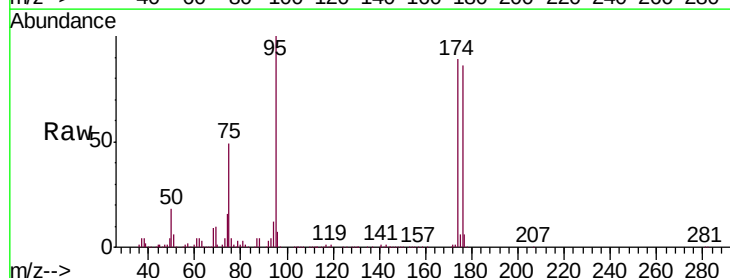
Acq: 27 Jul 2018 19:08

Tgt Ion: 75 Resp: 241012

Ion Ratio Lower Upper

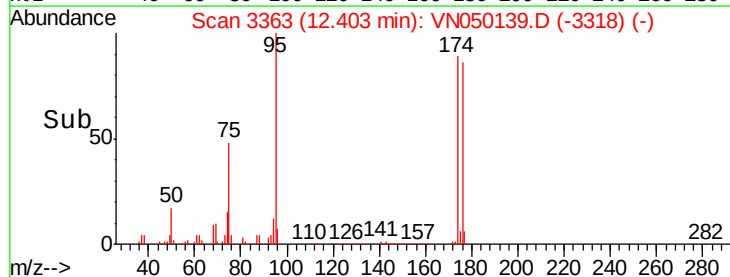
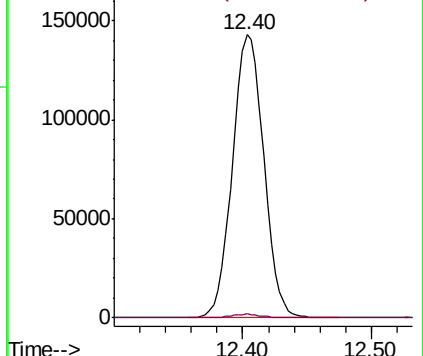
75 100

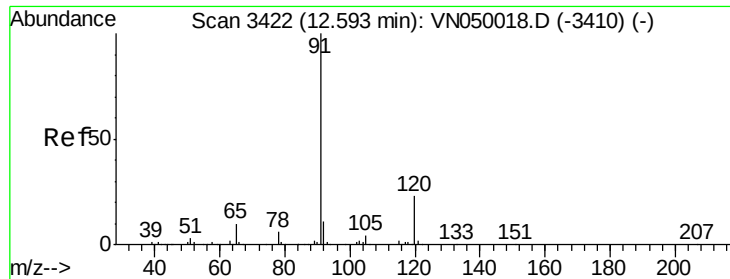
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 1.20 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

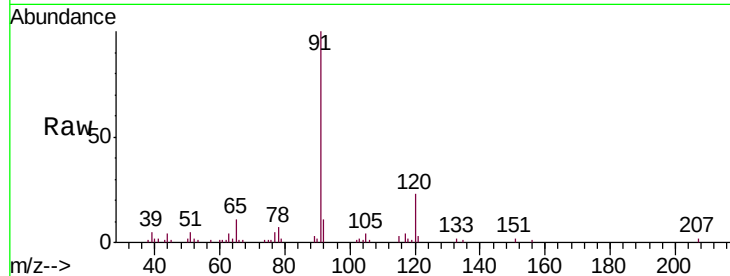
MW-7BS

Tot Ion: 91 Resp: 44179

Ion Ratio Lower Upper

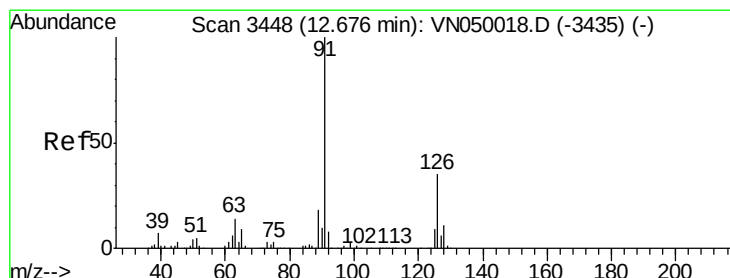
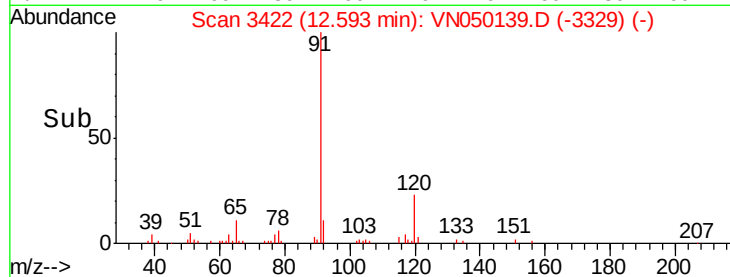
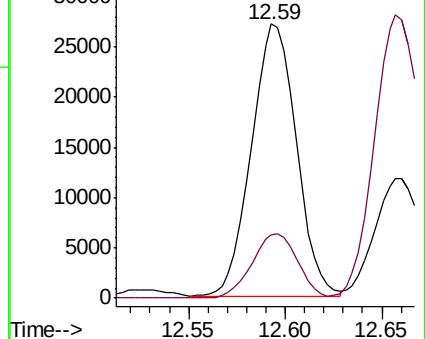
91 100

120 23.7 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: 0.74 ug/l

RT: 12.69 min Scan# 3452

Delta R.T. 0.01 min

Lab File: VN050139.D

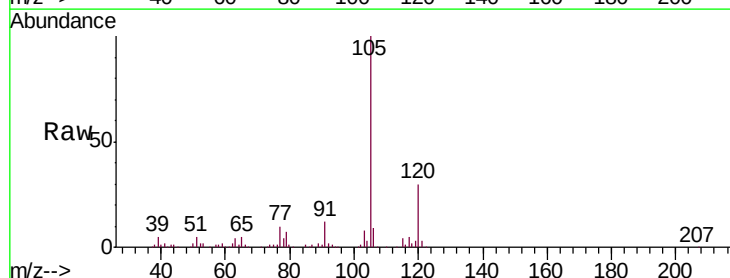
Acq: 27 Jul 2018 19:08

Tgt Ion: 91 Resp: 16846

Ion Ratio Lower Upper

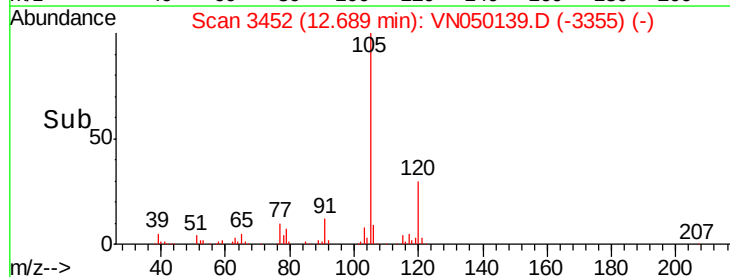
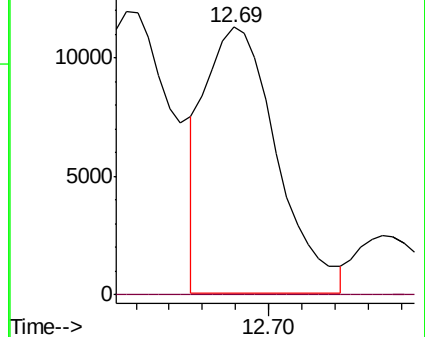
91 100

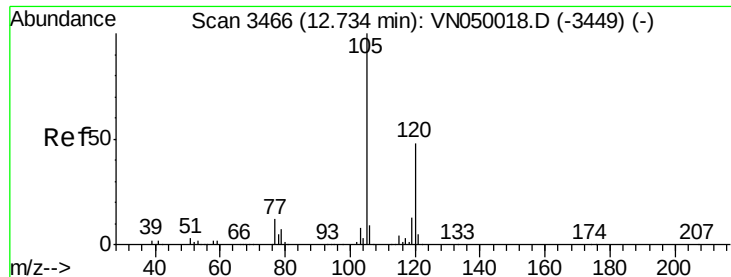
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.33 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampled :

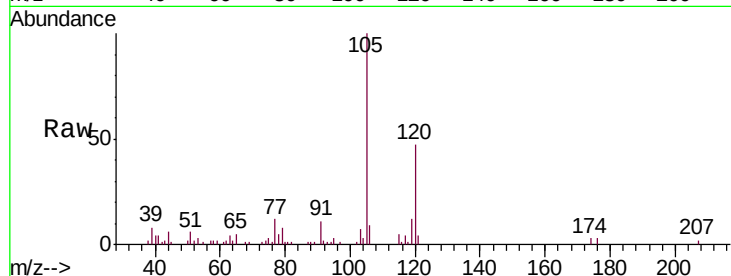
MW-7BS

Tot Ion:105 Resp: 34596

Ion Ratio Lower Upper

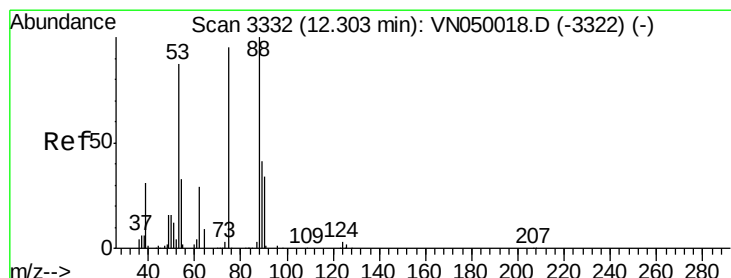
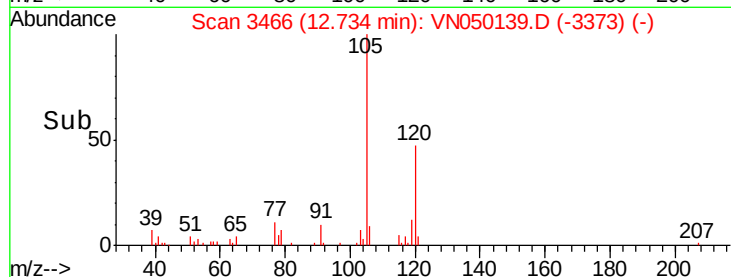
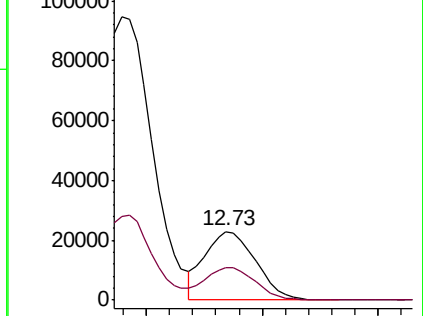
105 100

120 50.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 96.68 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

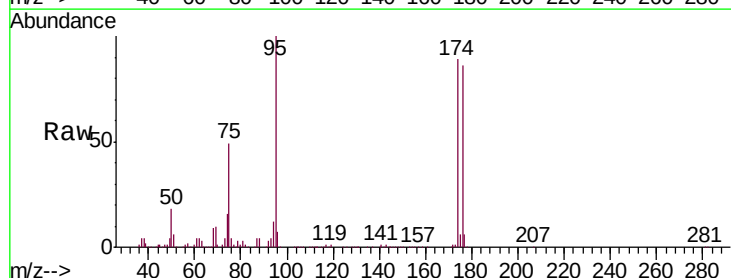
Tgt Ion: 75 Resp: 241012

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

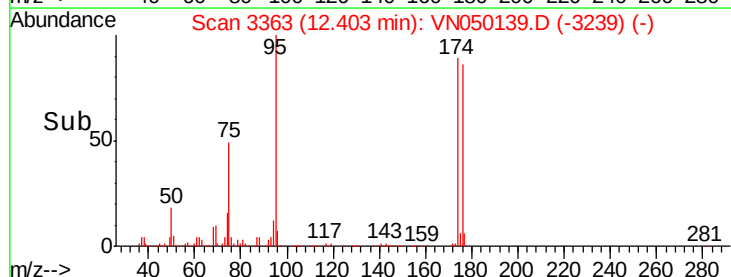
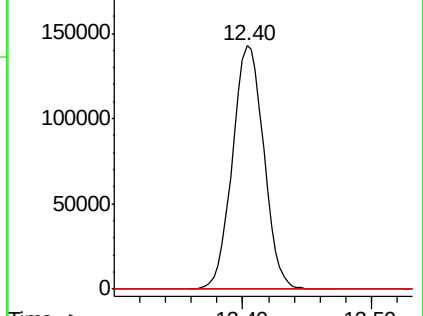
89 0.0 36.0 54.0#

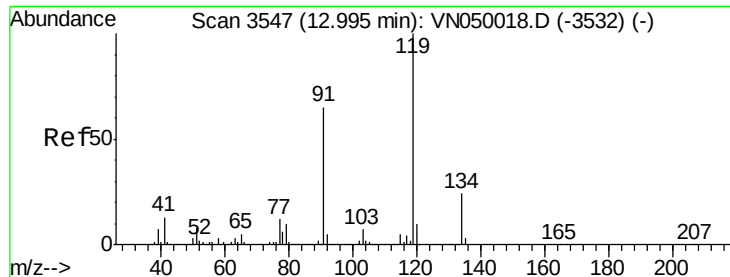


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V





#83

tert-Butylbenzene

Concen: 1.12 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampled :

MW-7BS

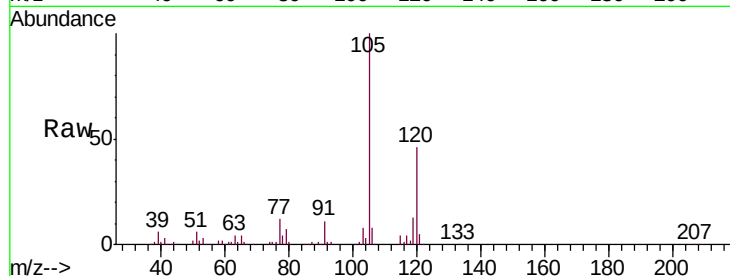
Tot Ion:119 Resp: 25278

Ion Ratio Lower Upper

119 100

91 90.3 32.1 96.3

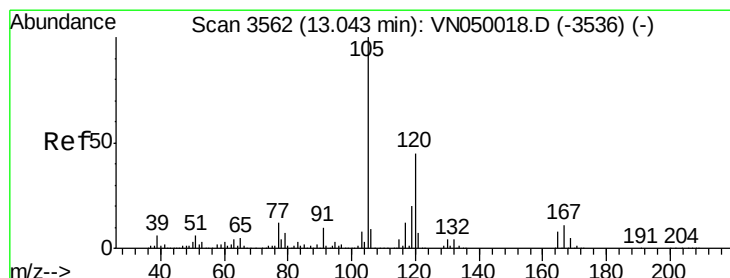
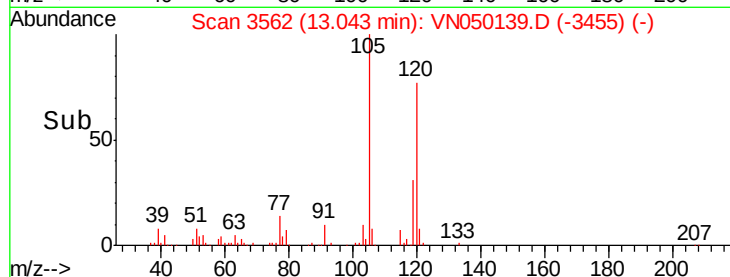
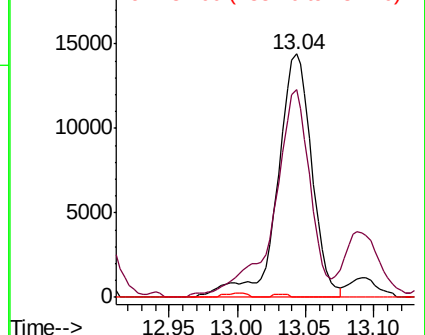
134 0.0 13.2 39.5#



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: 6.79 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050139.D

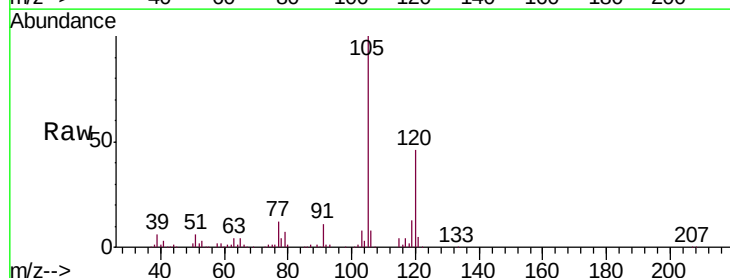
Acq: 27 Jul 2018 19:08

Tgt Ion:105 Resp: 177509

Ion Ratio Lower Upper

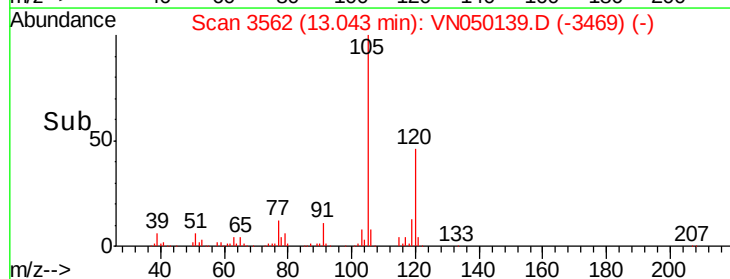
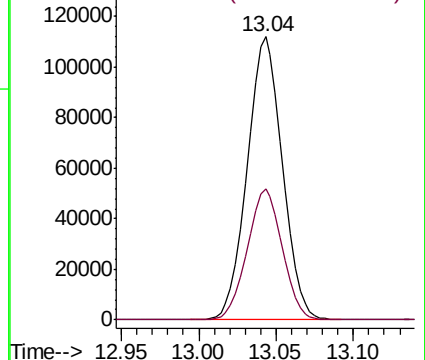
105 100

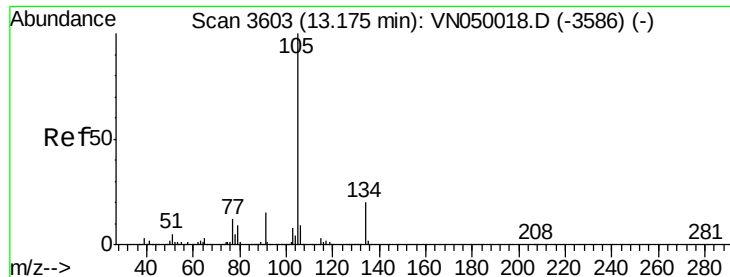
120 46.1 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.87 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.13 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

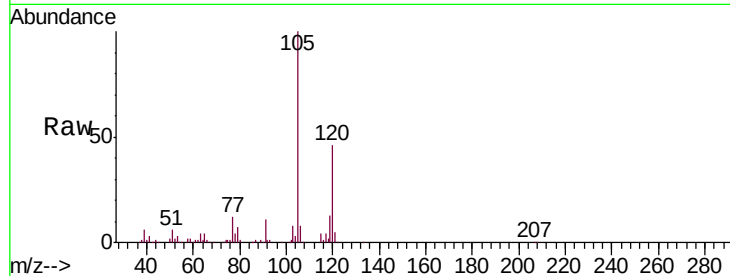
MW-7BS

Tot Ion:105 Resp: 177509

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

120000

100000

80000

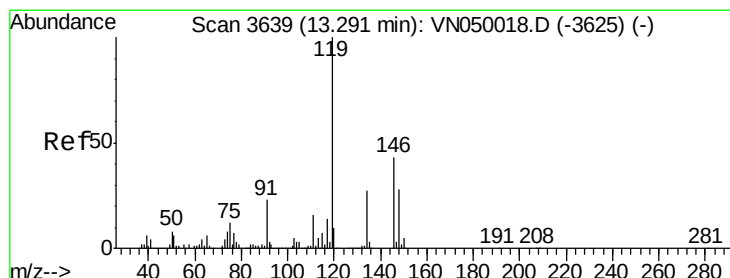
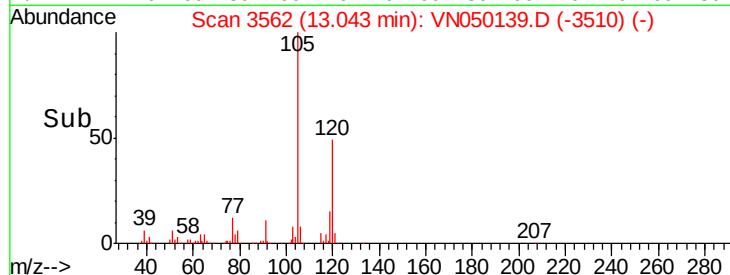
60000

40000

20000

0

Time--> 12.95 13.00 13.05 13.10



#86

p-Isopropyltoluene

Concen: 0.44 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

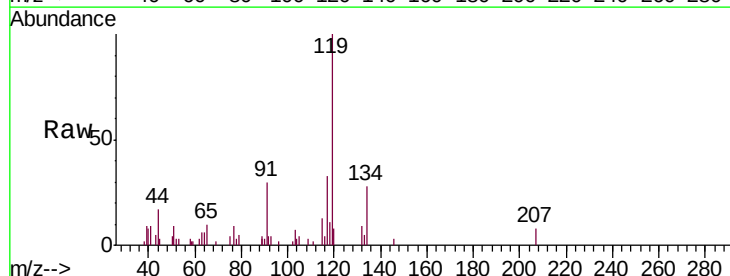
Tgt Ion:119 Resp: 11208

Ion Ratio Lower Upper

119 100

134 30.3 13.3 39.8

91 26.5 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

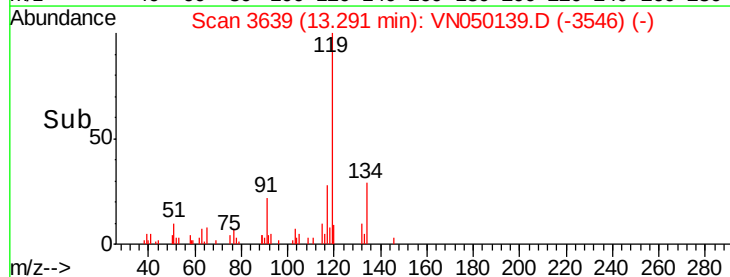
60000

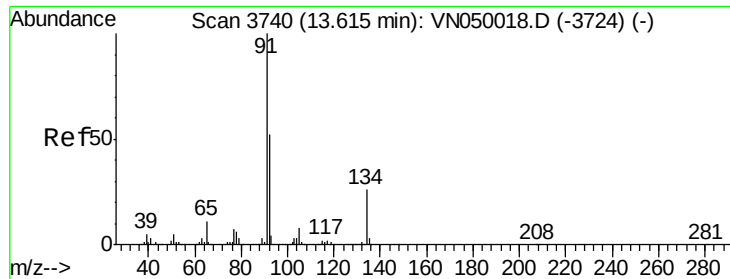
40000

20000

0

Time--> 13.25 13.30





#89

n-Butylbenzene

Concen: 0.40 ug/l

RT: 13.59 min Scan# 3733

Delta R.T. -0.03 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampleId :

MW-7BS

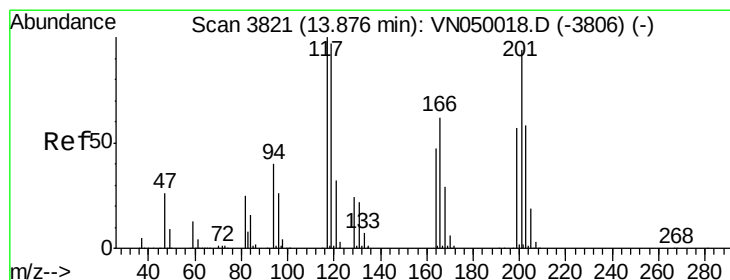
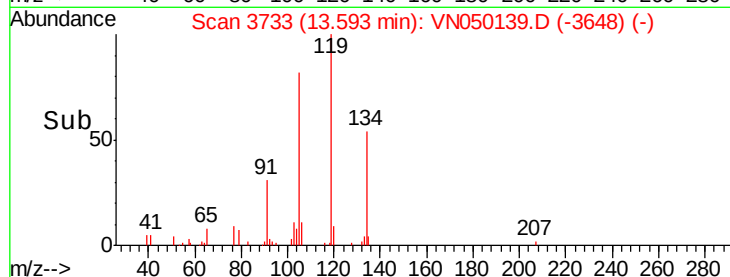
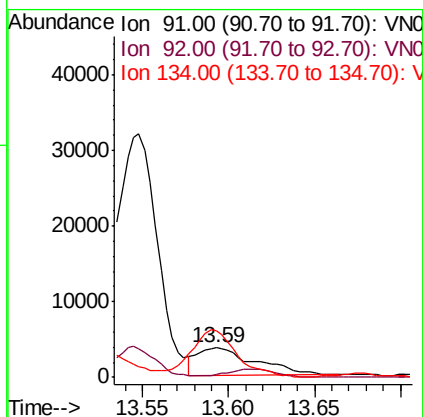
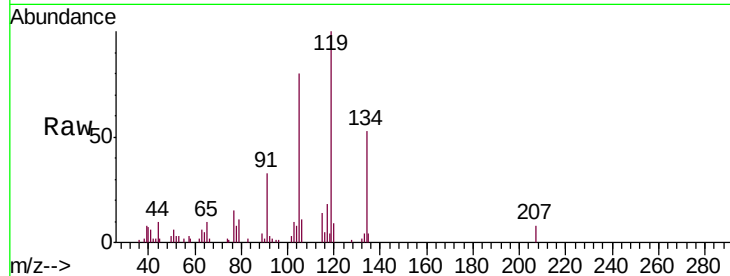
Tot Ion: 91 Resp: 8332

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.4#

134 139.5 12.8 38.4#



#90

Hexachloroethane

Concen: 0.93 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050139.D

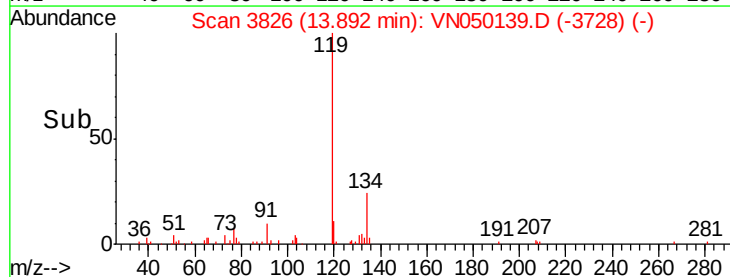
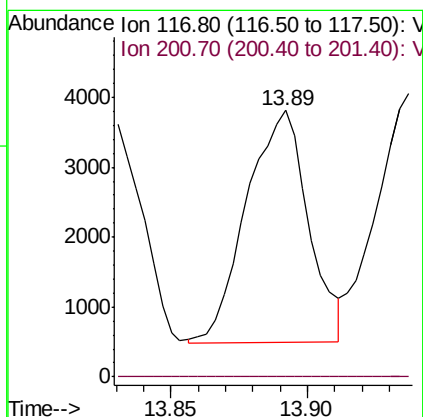
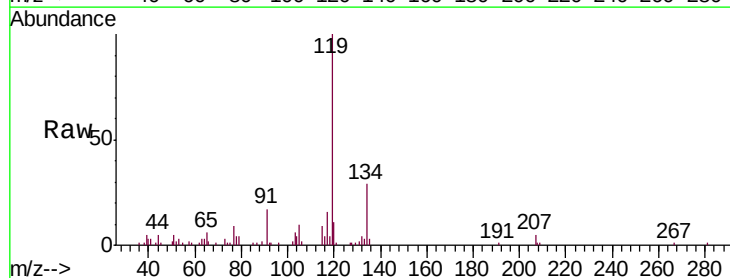
Acq: 27 Jul 2018 19:08

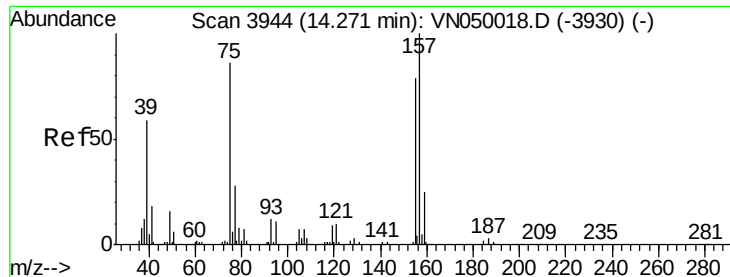
Tgt Ion: 117 Resp: 5252

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3946

Delta R.T. 0.01 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

MSVOA_N

ClientSampled :

MW-7BS

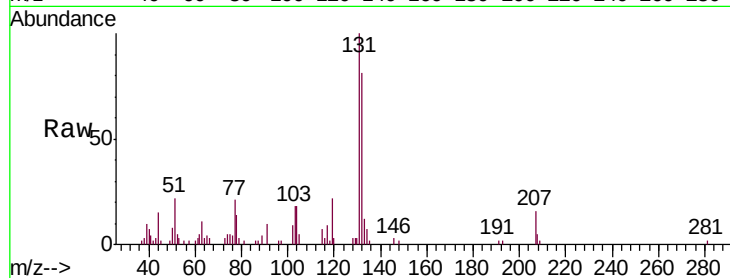
Tot Ion: 75 Resp: 411

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

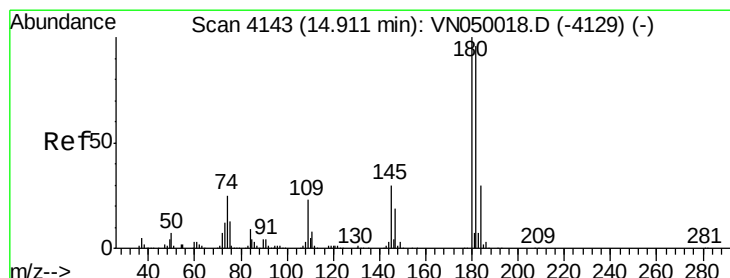
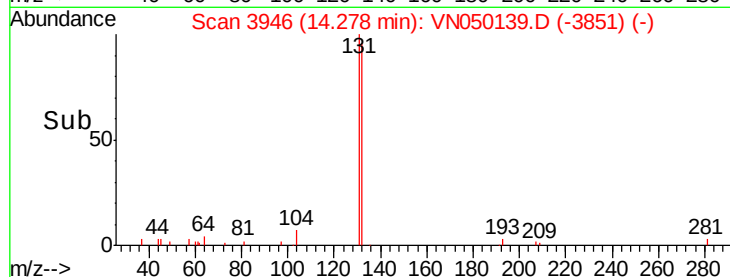
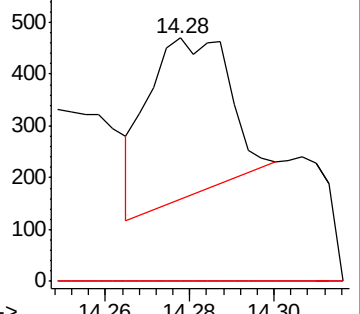
157 0.0 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050018.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050018.D (-3930) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.15 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

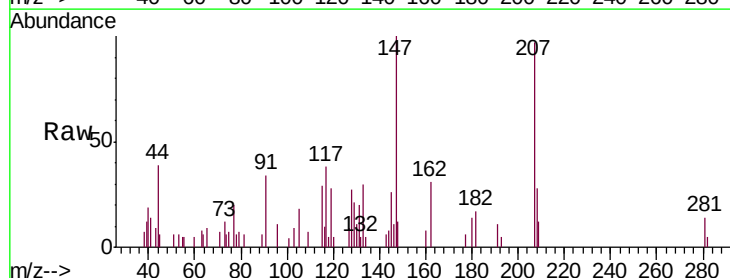
Tgt Ion: 180 Resp: 572

Ion Ratio Lower Upper

180 100

182 121.0 46.7 140.1

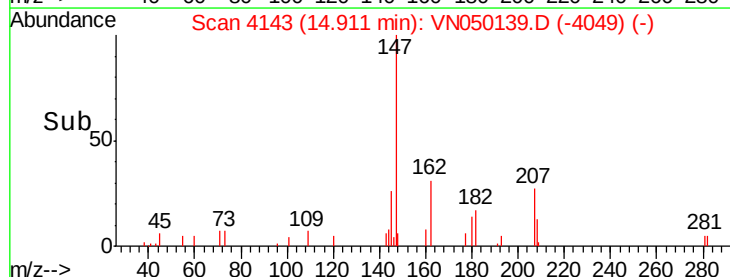
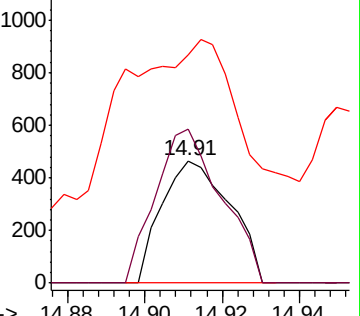
145 267.7 13.8 41.4#

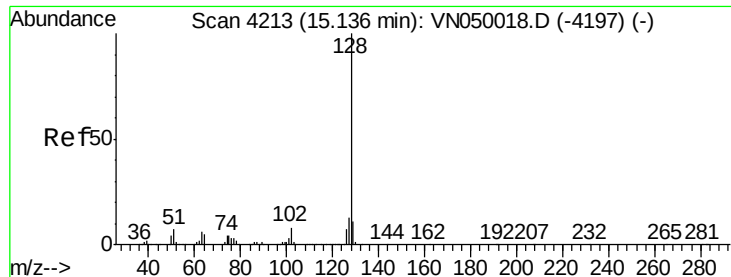


Abundance Ion 179.80 (179.50 to 180.50): VN050018.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050018.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050018.D (-4129) (-)





#95

Naphthalene

Concen: 74.80 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Instrument :

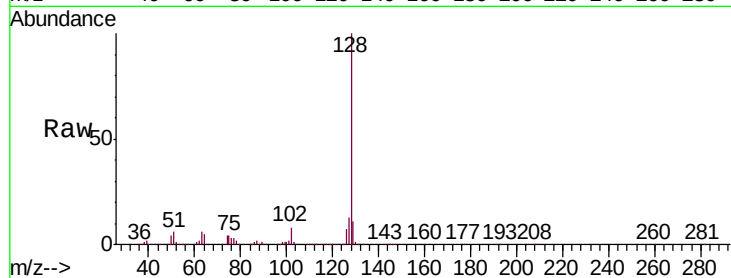
MSVOA_N

ClientSampleId :

MW-7BS

Tot Ion:128 Resp: 1499976

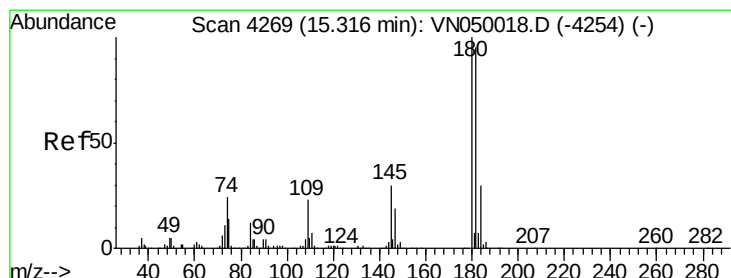
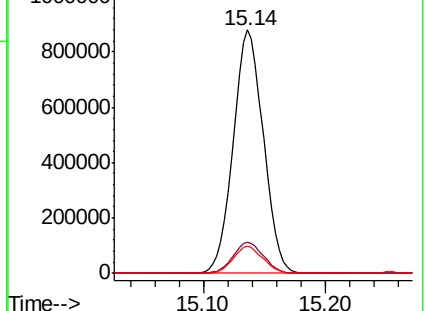
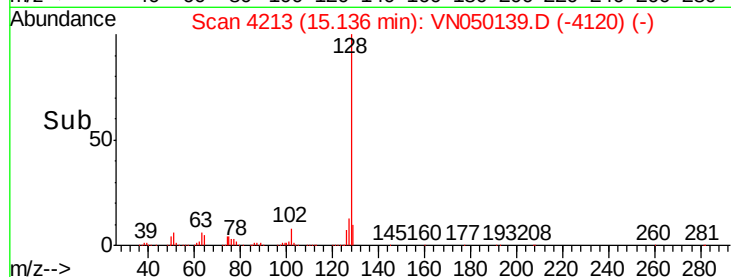
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.8	13.2



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: 2.27 ug/l

RT: 15.32 min Scan# 4271

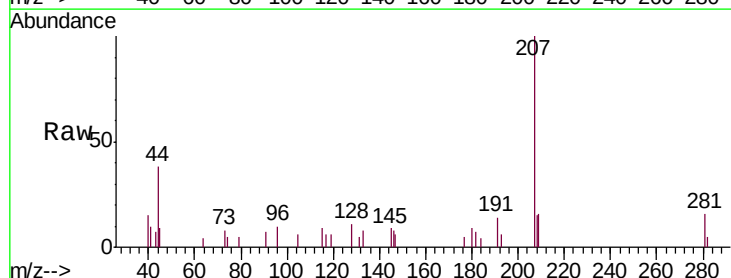
Delta R.T. 0.00 min

Lab File: VN050139.D

Acq: 27 Jul 2018 19:08

Tgt Ion:180 Resp: 513

Ion	Ratio	Lower	Upper
180	100		
182	75.4	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

