

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050105.D
 Acq On : 27 Jul 2018 1:35
 Operator : MD\SY
 Sample : J4163-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

Quant Time: Jul 27 04:04:18 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	685883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1094365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	915976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	371963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	475053	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.60	113	419628	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	10.09	98	1487451	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
62) 4-Bromofluorobenzene	12.40	95	435618	40.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.54%	

Target Compounds

						Qvalue
5) Bromomethane	2.56	94	1121	Below Cal		81
11) Tert butyl alcohol	4.81	59	1013	1.44 ug/l	#	72
16) Acetone	3.83	43	10895	0.50 ug/l		95
17) Carbon Disulfide	4.06	76	4943	0.20 ug/l		95
18) Methyl Acetate	4.34	43	10523	Below Cal		95
19) Methyl tert-butyl Ether	5.05	73	13800	0.66 ug/l		94
20) Methylene Chloride	4.54	84	376	Below Cal	#	41
31) Cyclohexane	7.67	56	12733	0.90 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	48810	3.96 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	60694	4.64 ug/l	#	16
39) Methylcyclohexane	9.08	83	2676	0.21 ug/l	#	92
41) Methacrylonitrile	7.17	41	29	2.75 ug/l	#	10
43) Isopropyl Acetate	8.27	43	243688	14.23 ug/l	#	62
51) 4-Methyl-2-Pentanone	9.99	43	1878	0.22 ug/l		100
55) 1,1,2-Trichloroethane	10.53	97	3202	0.36 ug/l	#	15
56) Ethyl methacrylate	10.44	69	1661	2.16 ug/l	#	15
59) 2-Hexanone	10.61	43	1150	5.36 ug/l		92
70) Styrene	11.96	104	458	0.94 ug/l	#	79
71) Bromoform	12.40	173	3142	0.49 ug/l	#	1
74) N-amyl acetate	12.05	43	2616	0.30 ug/l	#	66
75) 1,1,2,2-Tetrachloroethane	12.48	83	1314	Below Cal	#	38
76) 1,2,3-Trichloropropane	12.40	75	212923	30.80 ug/l	#	100
77) Bromobenzene	12.55	156	2610	0.33 ug/l	#	9
78) n-propylbenzene	12.59	91	7839	0.24 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.40	75	212923	97.70 ug/l	#	13
84) 1,2,4-Trimethylbenzene	13.04	105	8965	0.39 ug/l		92
85) sec-Butylbenzene	13.17	105	7155	0.27 ug/l		81
87) 1,3-Dichlorobenzene	13.29	146	4061	0.30 ug/l	#	81
89) n-Butylbenzene	13.59	91	9028	0.49 ug/l	#	1
90) Hexachloroethane	13.89	117	17991	3.63 ug/l	#	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	814	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.90	180	235	3.12 ug/l	#	34
95) Naphthalene	15.13	128	44379	6.80 ug/l	#	95
96) 1,2,3-Trichlorobenzene	15.31	180	534	2.28 ug/l	#	1

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

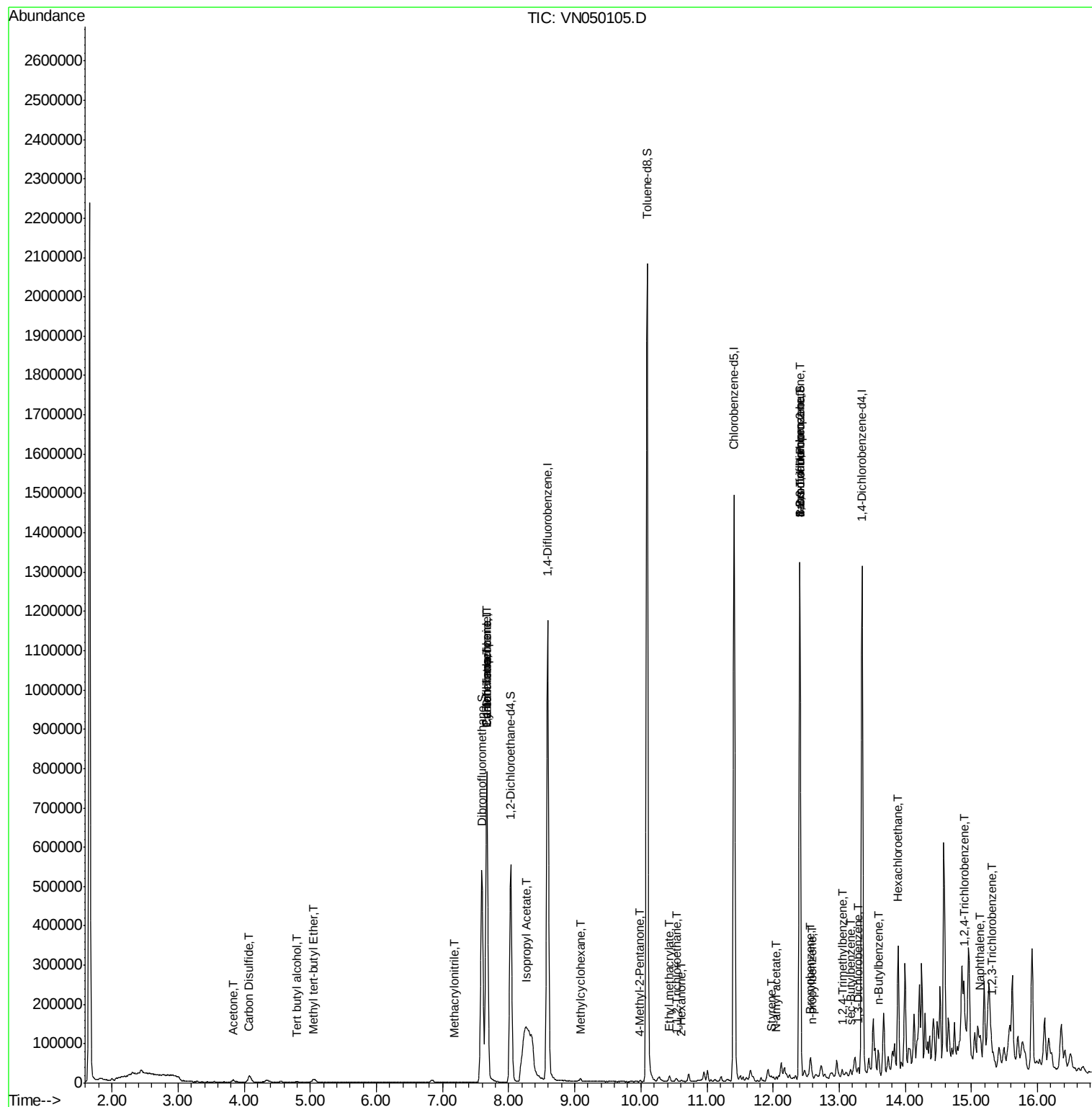
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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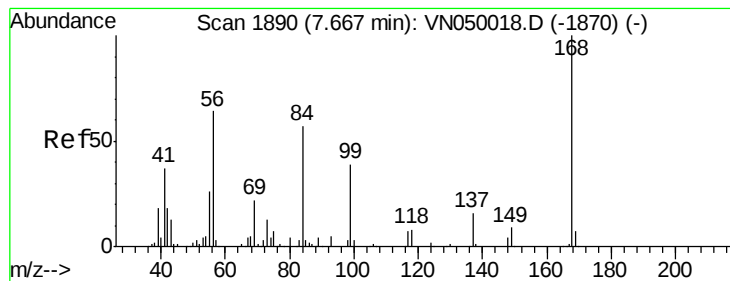
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampled :
MW-26

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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: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampleId :

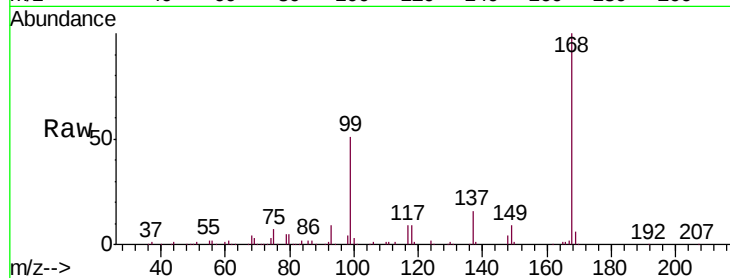
MW-26

Tot Ion:168 Resp: 685883

Ion Ratio Lower Upper

168 100

99 51.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

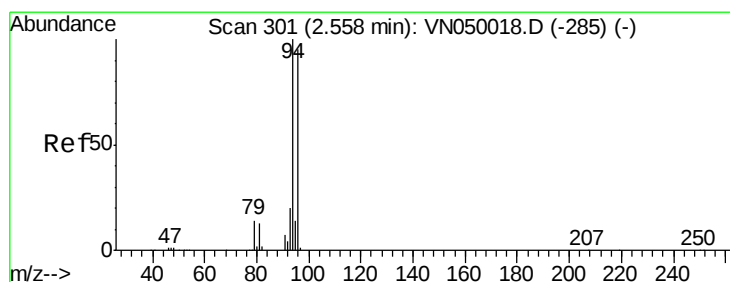
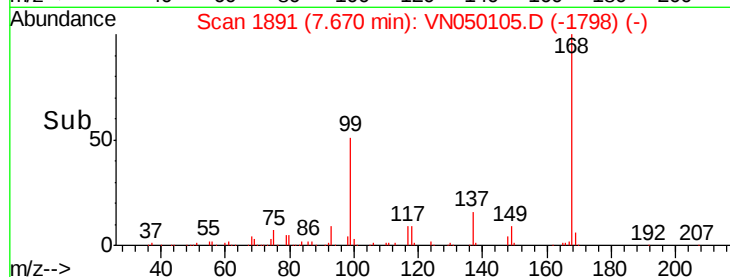
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050105.D

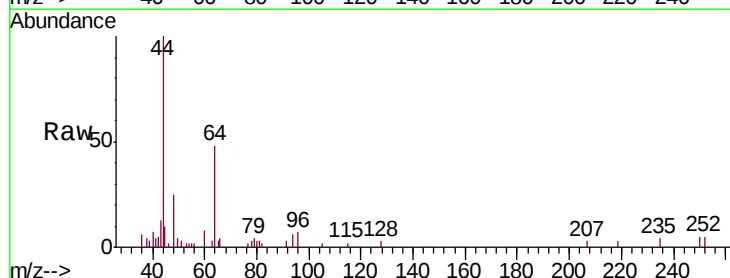
Acq: 27 Jul 2018 1:35

Tgt Ion: 94 Resp: 1121

Ion Ratio Lower Upper

94 100

96 74.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

600

500

400

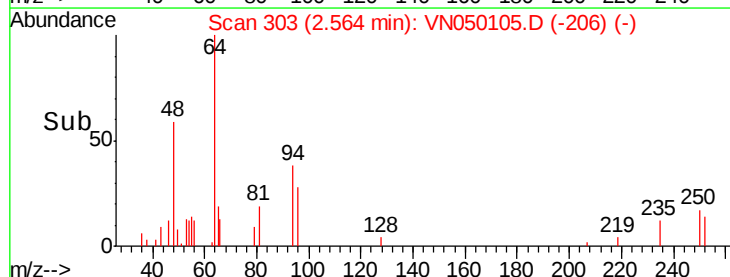
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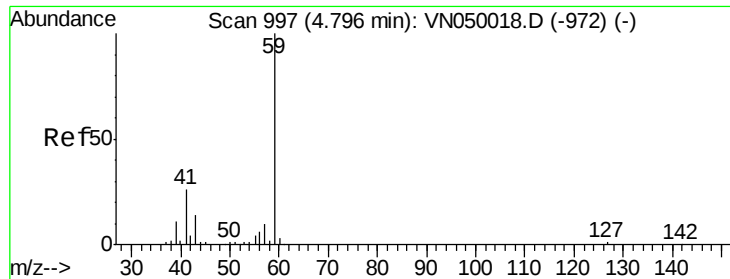
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100

0

Time-->

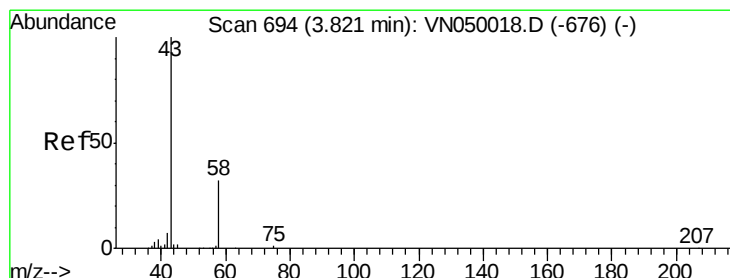
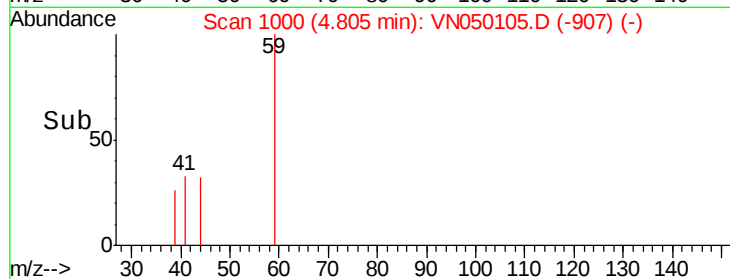
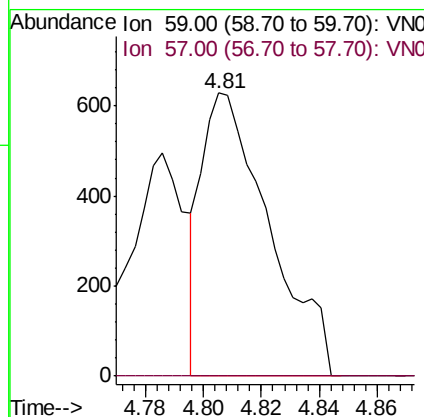
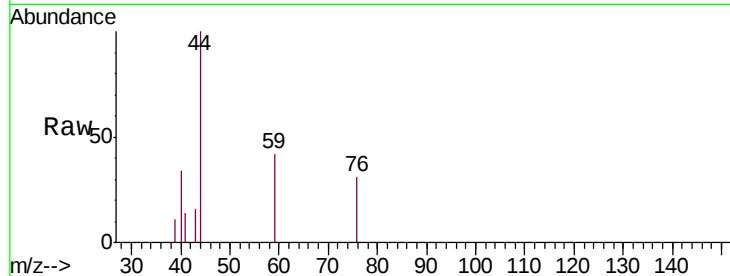




#11
Tert butyl alcohol
Concen: 1.44 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

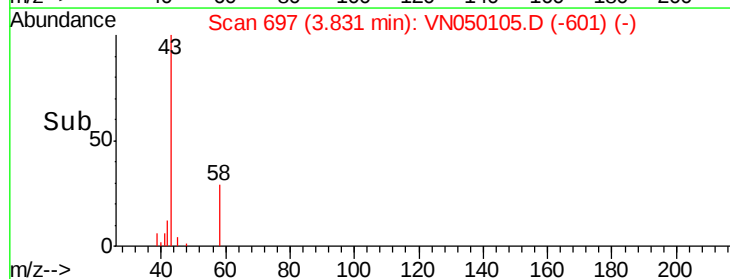
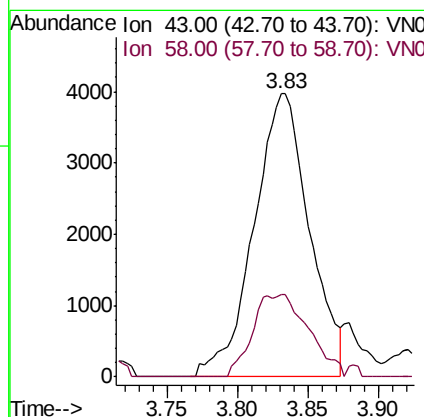
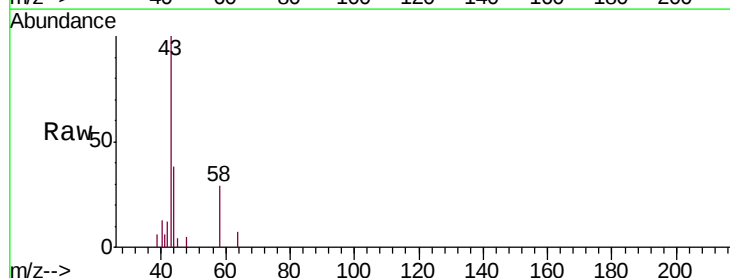
Instrument :
MSVOA_N
ClientSampled :
MW-26

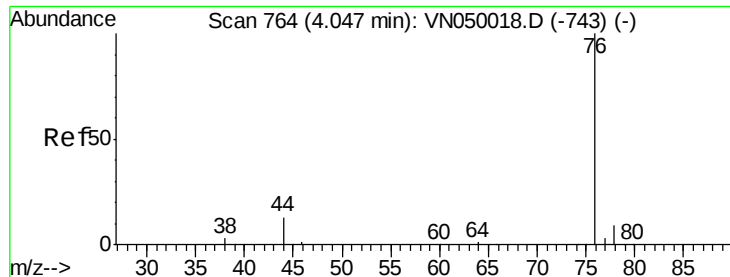
Tot Ion: 59 Resp: 1013
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 0.50 ug/l
RT: 3.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Tgt Ion: 43 Resp: 10895
Ion Ratio Lower Upper
43 100
58 29.3 25.8 38.8

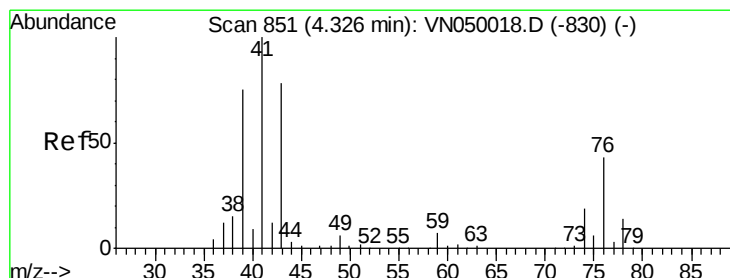
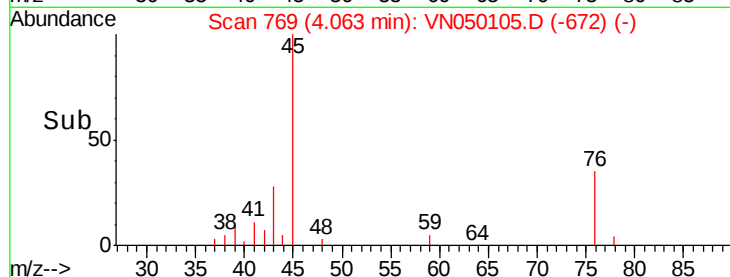
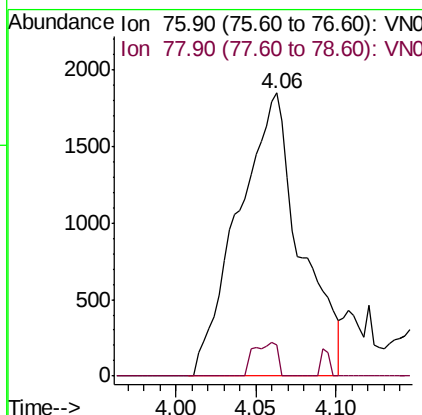
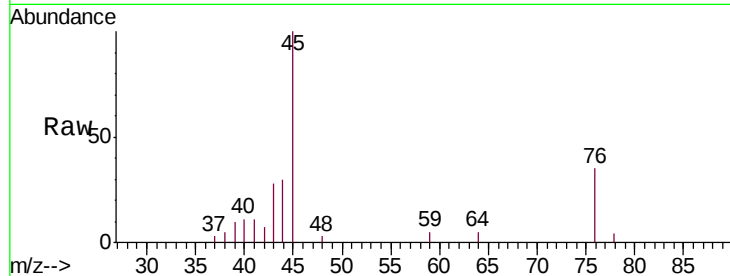




#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 4.06 min Scan# 769
Delta R.T. 0.01 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

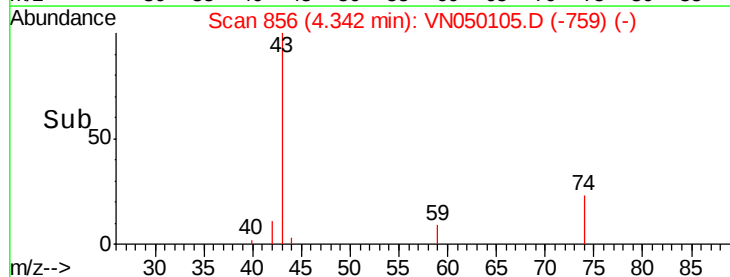
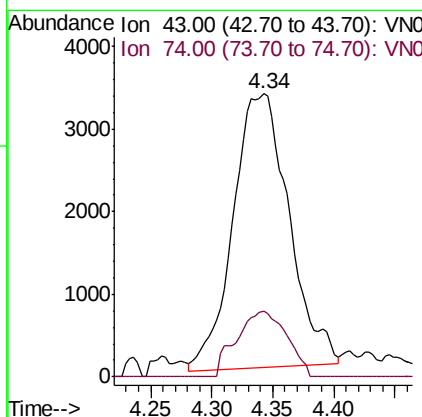
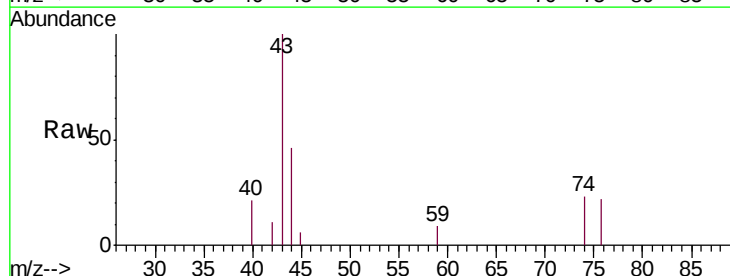
Instrument :
MSVOA_N
ClientSampled :
MW-26

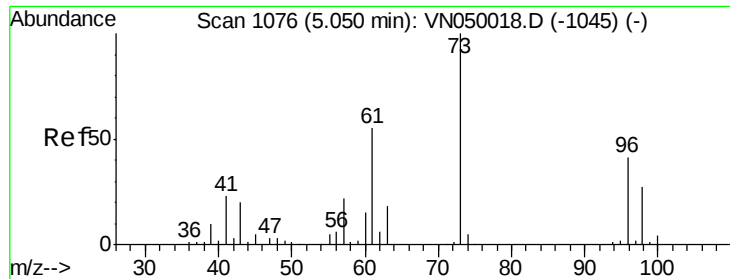
Tot Ion: 76 Resp: 4943
Ion Ratio Lower Upper
76 100
78 10.9 7.3 10.9



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 856
Delta R.T. 0.01 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Tgt Ion: 43 Resp: 10523
Ion Ratio Lower Upper
43 100
74 21.7 19.2 28.8

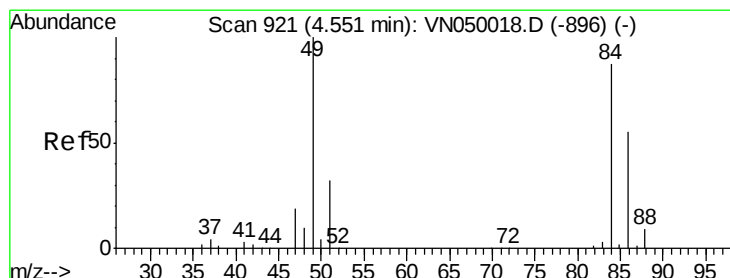
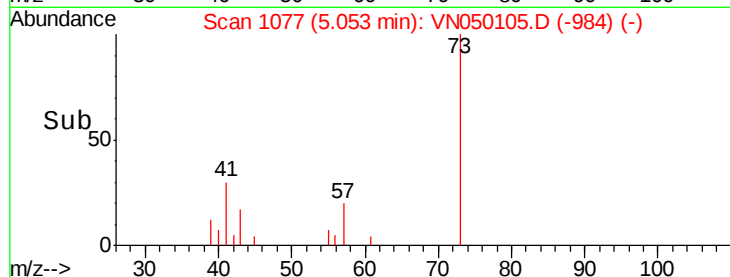
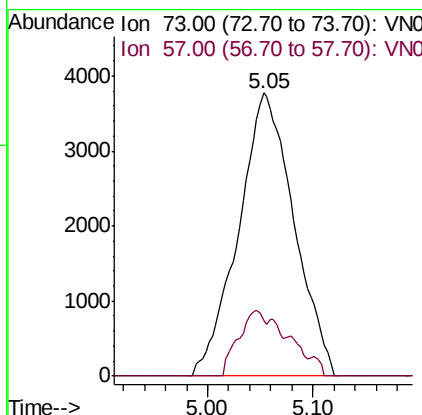
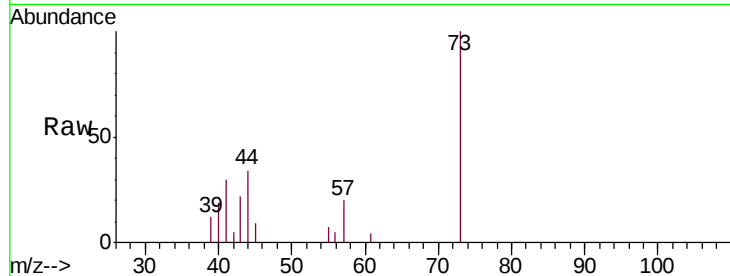




#19
Methyl tert-butyl Ether
Concen: 0.66 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

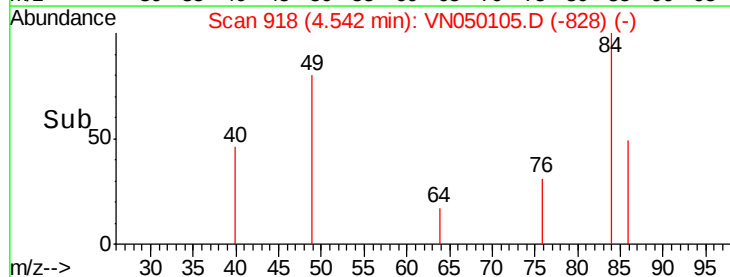
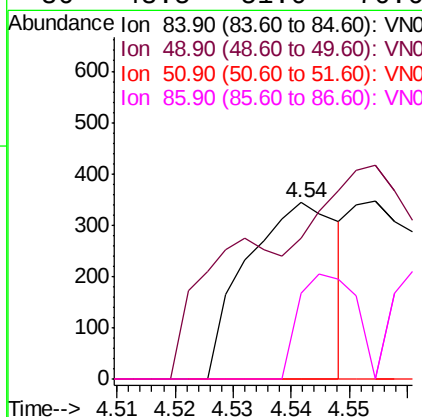
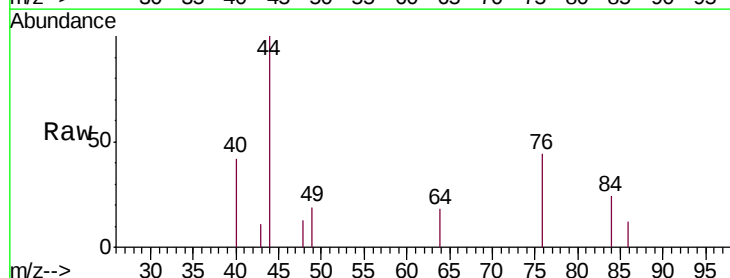
Instrument :
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ClientSampleId :
MW-26

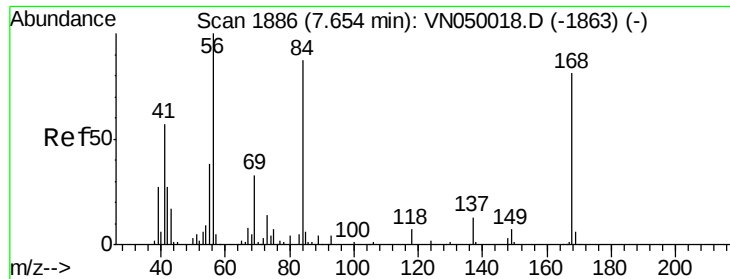
Tot Ion: 73 Resp: 13800
Ion Ratio Lower Upper
73 100
57 19.6 18.0 27.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Tgt Ion: 84 Resp: 376
Ion Ratio Lower Upper
84 100
49 29.7 94.8 142.2#
51 0.0 28.3 42.5#
86 48.5 51.0 76.6#

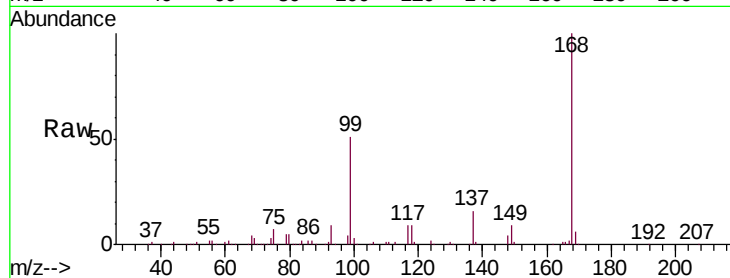




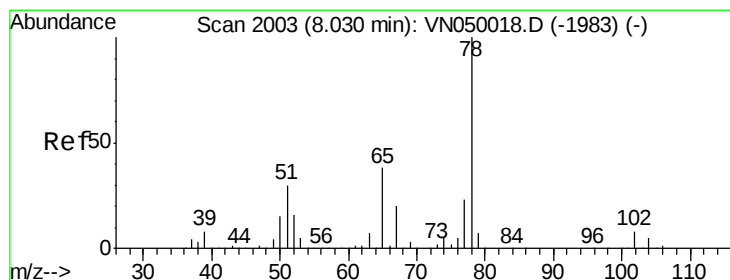
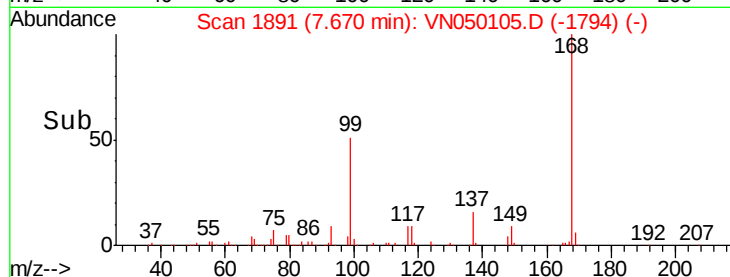
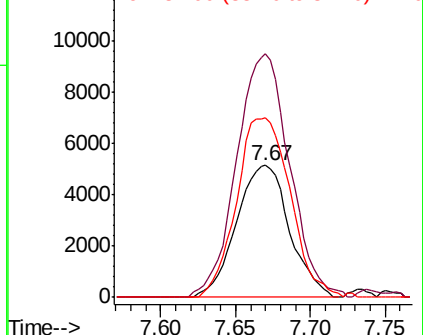
#31
Cyclohexane
Concen: 0.90 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Instrument :
MSVOA_N
ClientSampleId :
MW-26

Tot Ion: 56 Resp: 12733
Ion Ratio Lower Upper
56 100
69 184.4 26.2 39.4#
84 136.1 67.4 101.0#

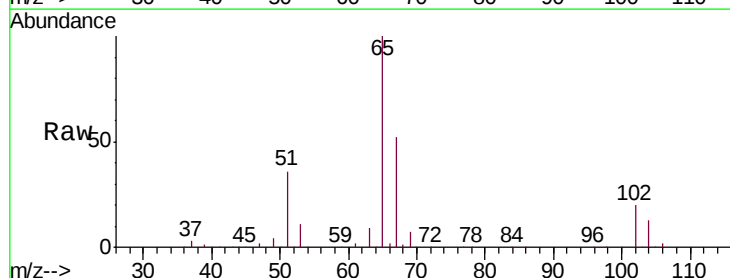


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

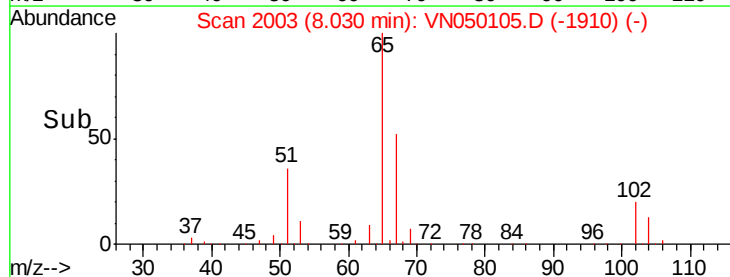
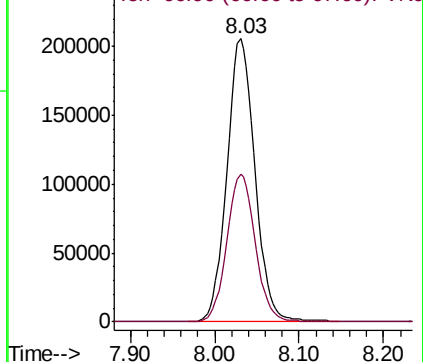


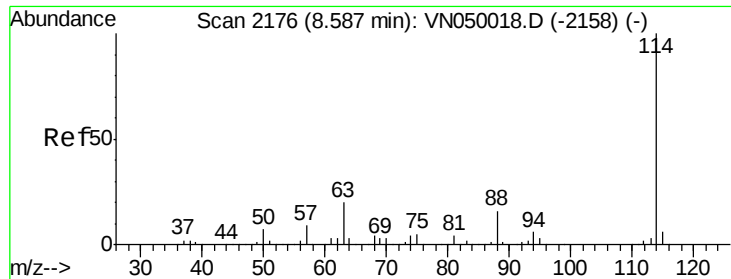
#33
1,2-Dichloroethane-d4
Concen: 49.64 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Tgt Ion: 65 Resp: 475053
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

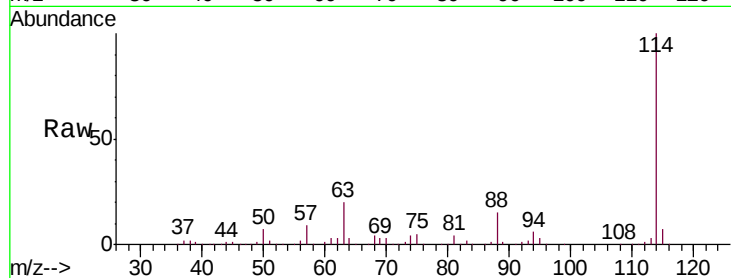




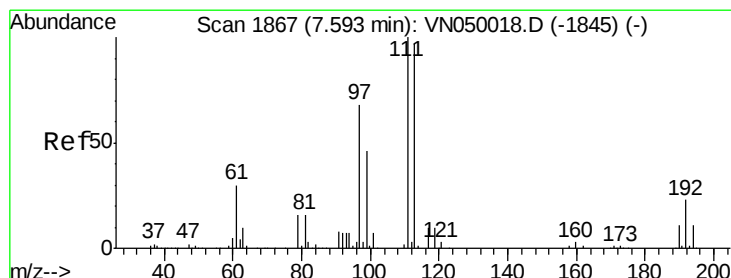
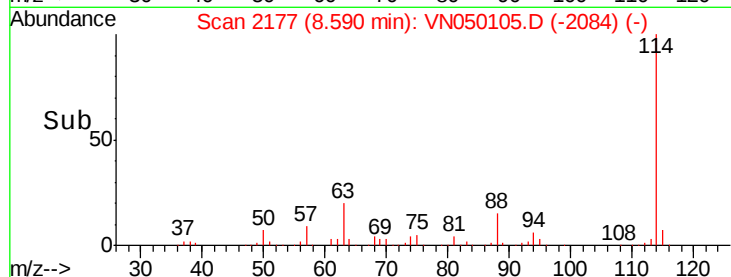
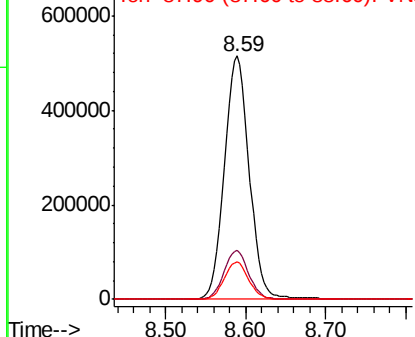
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050105.D
 Acq: 27 Jul 2018 1:35

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

Tot Ion:114 Resp: 1094365
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.4 0.0 31.2

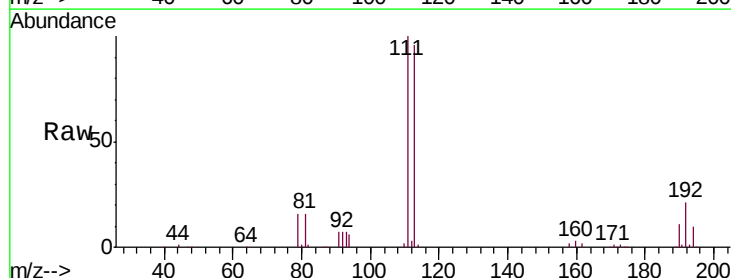


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

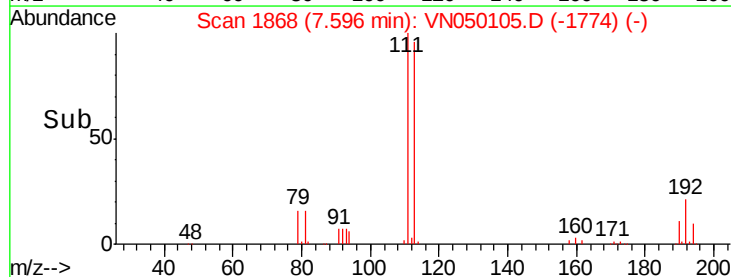
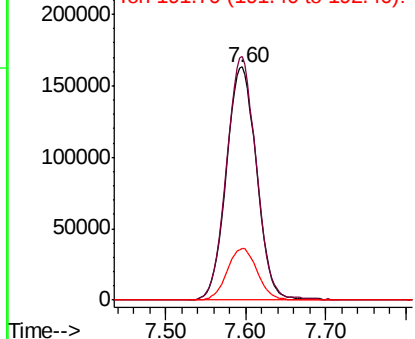


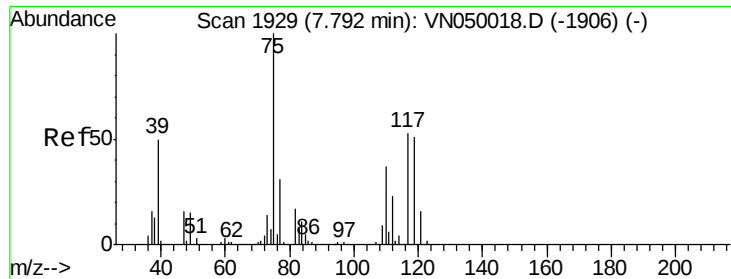
#35
 Dibromofluoromethane
 Concen: 46.96 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050105.D
 Acq: 27 Jul 2018 1:35

Tgt Ion:113 Resp: 419628
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.7 121.1
 192 21.9 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

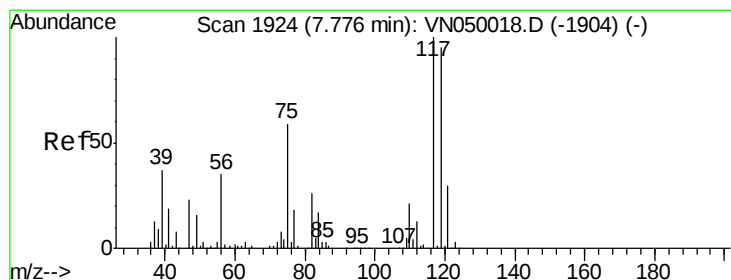
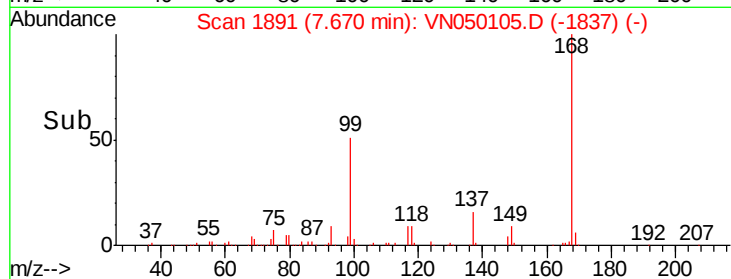
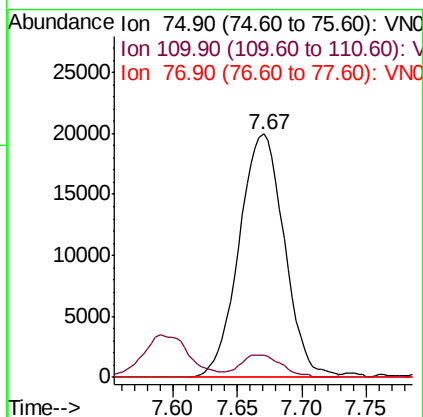
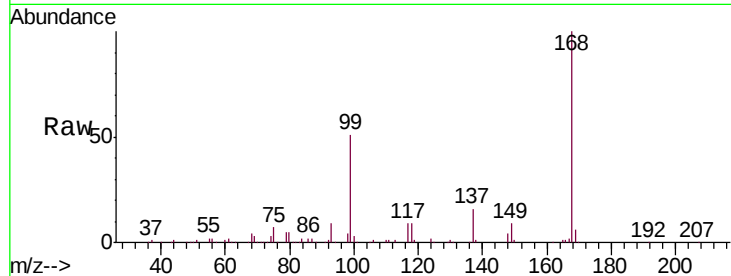




#36
 1,1-Dichloropropene
 Concen: 3.96 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050105.D
 Acq: 27 Jul 2018 1:35

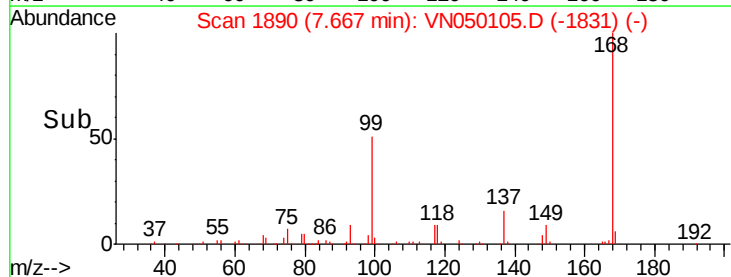
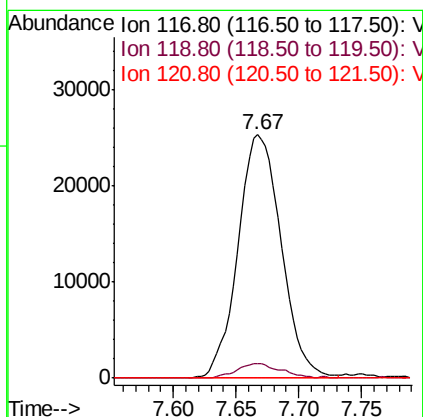
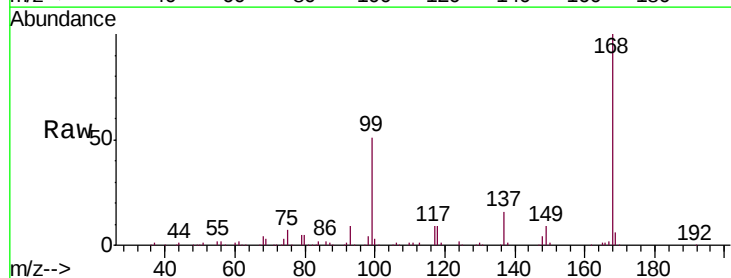
Instrument :
 MSVOA_N
 ClientSampled :
 MW-26

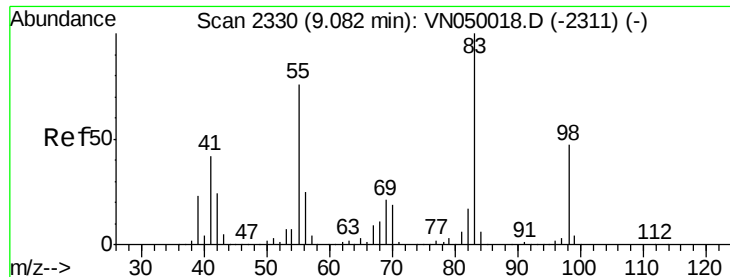
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.64 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050105.D
 Acq: 27 Jul 2018 1:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.4	116.0#
121	0.0	23.9	35.9#

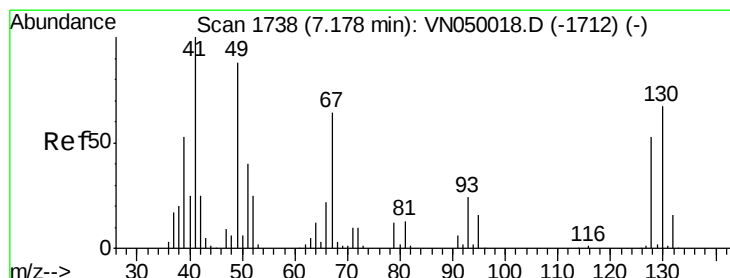
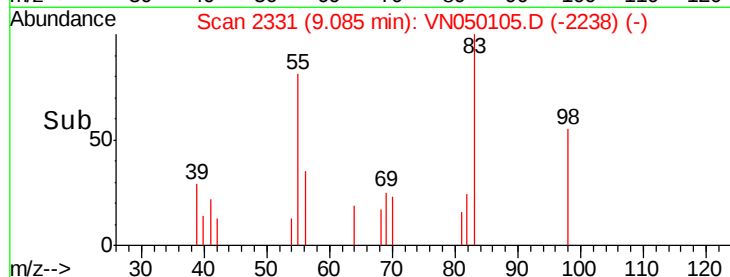
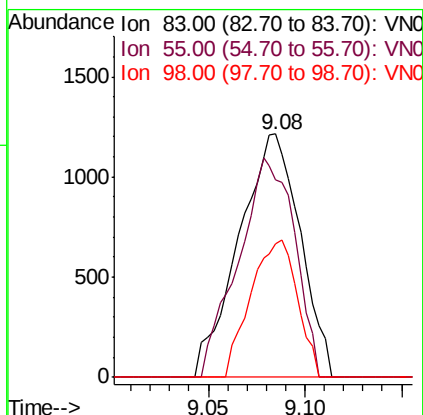
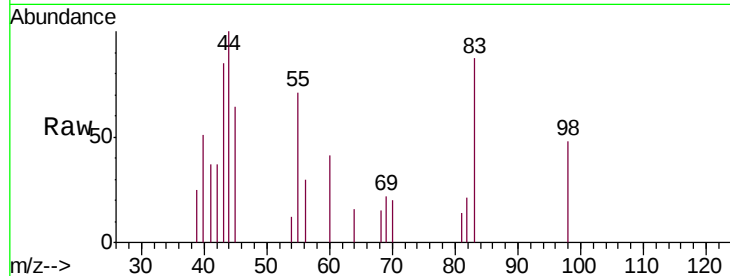




#39
Methylcyclohexane
Concen: 0.21 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

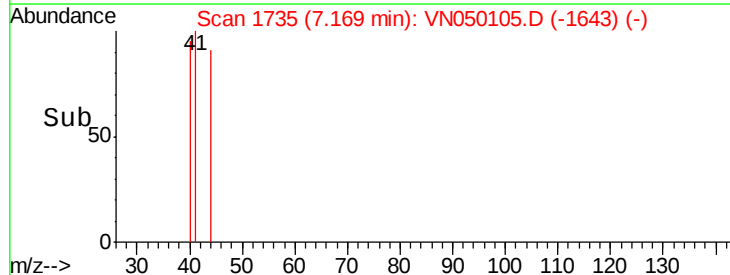
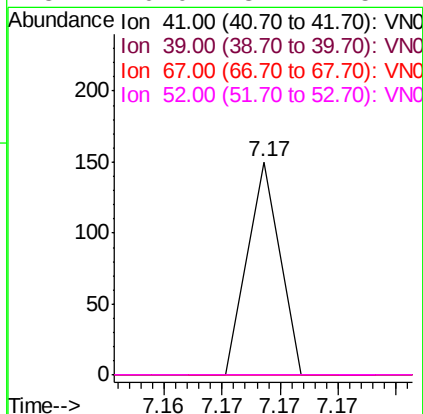
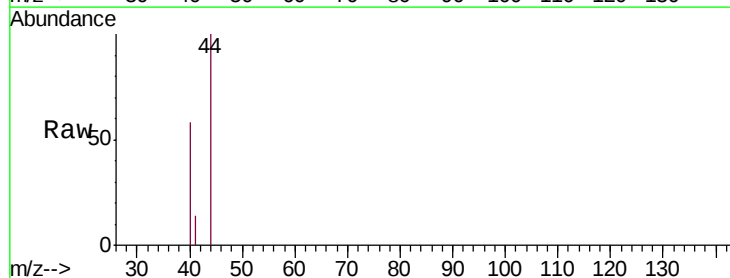
Instrument :
MSVOA_N
ClientSampled :
MW-26

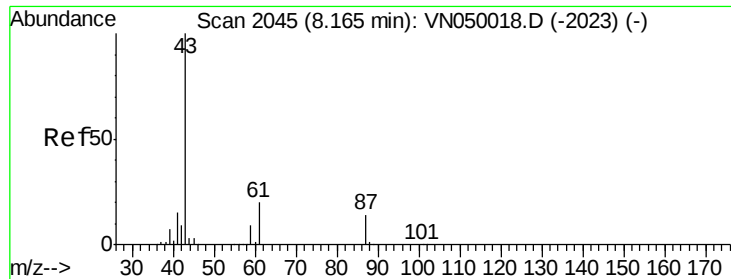
Tot Ion: 83 Resp: 2676
Ion Ratio Lower Upper
83 100
55 81.3 61.8 92.8
98 54.9 36.5 54.7#



#41
Methacrylonitrile
Concen: 2.75 ug/l
RT: 7.17 min Scan# 1735
Delta R.T. -0.01 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

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#





#43

Isopropyl Acetate

Concen: 14.23 ug/l

RT: 8.27 min Scan# 2077

Delta R.T. 0.10 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampleId :

MW-26

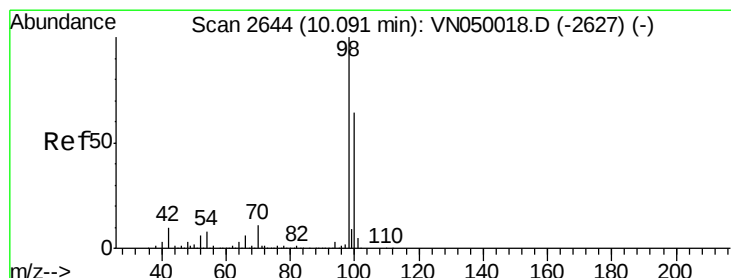
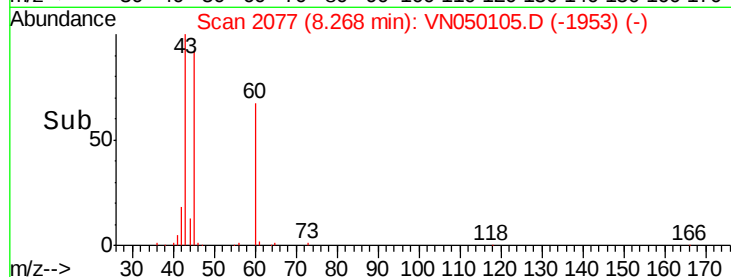
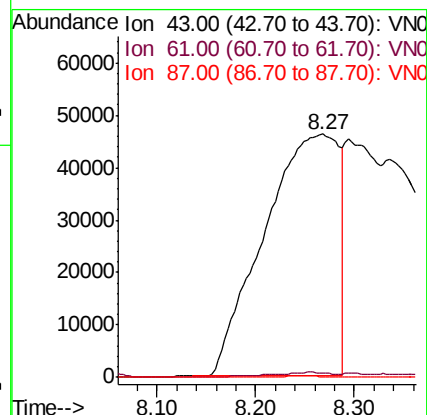
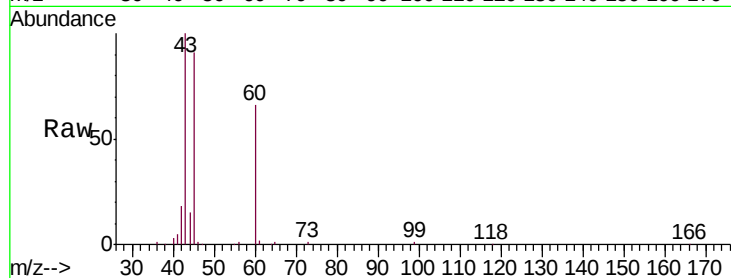
Tot Ion: 43 Resp: 243688

Ion Ratio Lower Upper

43 100

61 0.5 15.8 23.6#

87 0.1 10.3 15.5#



#50

Toluene-d8

Concen: 45.28 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050105.D

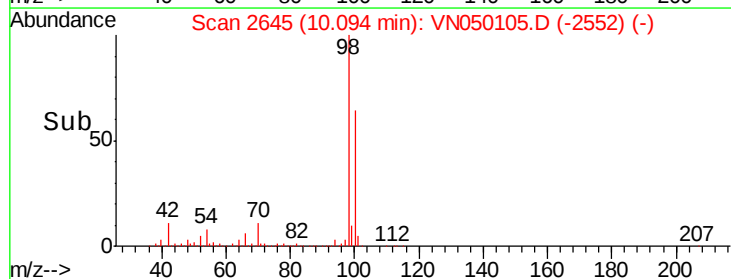
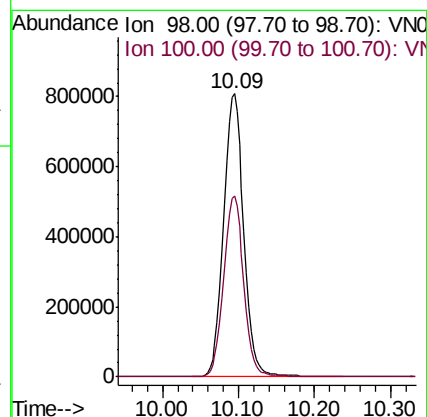
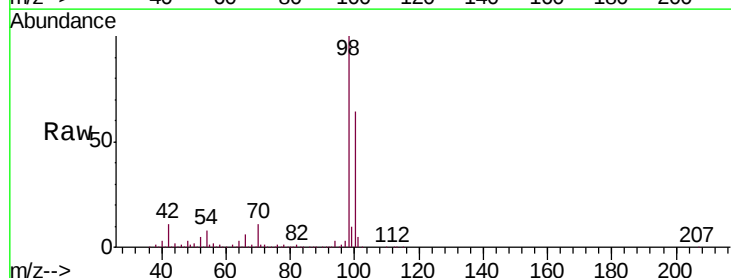
Acq: 27 Jul 2018 1:35

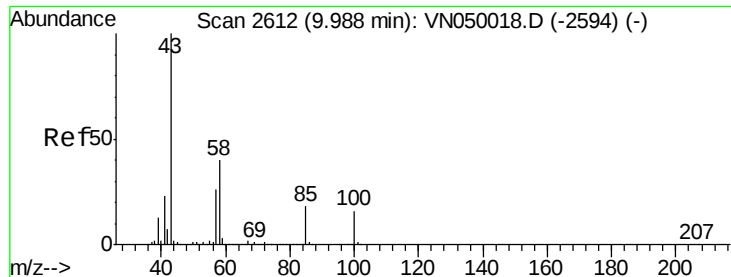
Tgt Ion: 98 Resp: 1487451

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.22 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampled :

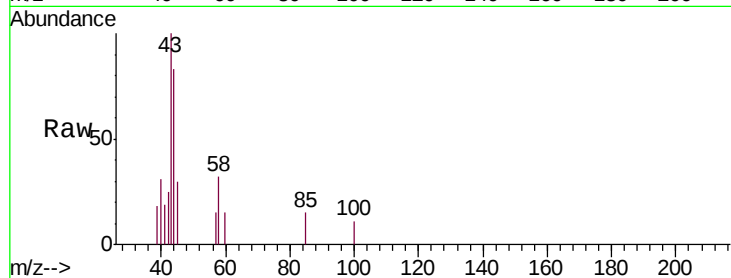
MW-26

Tot Ion: 43 Resp: 1878

Ion Ratio Lower Upper

43 100

58 39.9 31.9 47.9



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

Ion 58.00 (57.70 to 58.70): VN050018.D (-2594) (-)

9.99

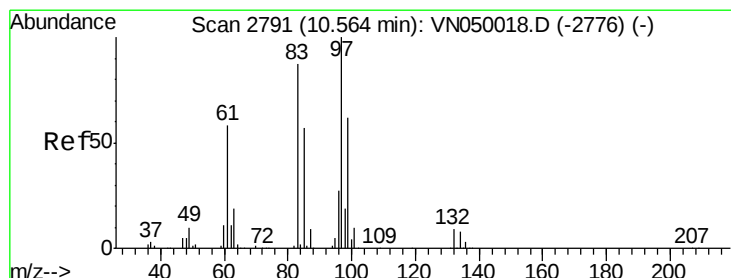
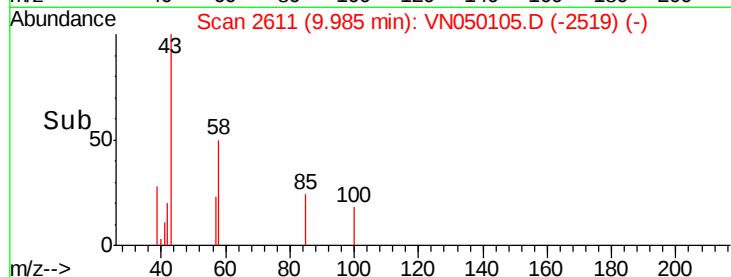
1500

1000

500

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.36 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Tgt Ion: 97 Resp: 3202

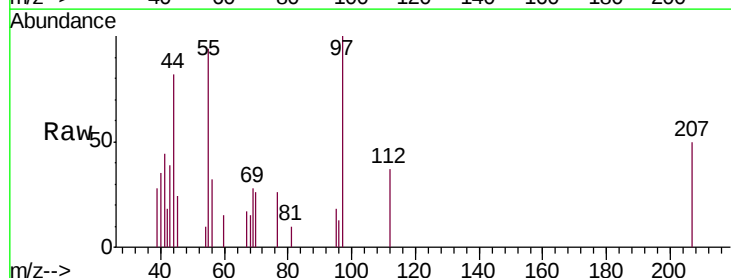
Ion Ratio Lower Upper

97 100

83 0.0 69.2 103.8#

85 0.0 44.0 66.0#

99 0.0 49.9 74.9#



Abundance Ion 96.90 (96.60 to 97.60): VN050018.D (-2776) (-)

Ion 82.90 (82.60 to 83.60): VN050018.D (-2776) (-)

Ion 84.90 (84.60 to 85.60): VN050018.D (-2776) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-2776) (-)

2500

2000

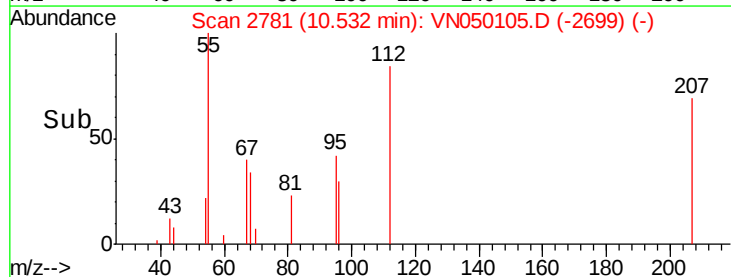
1500

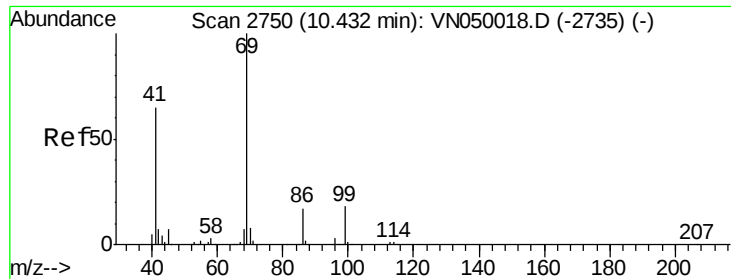
1000

500

0

Time-->





#56

Ethyl methacrylate

Concen: 2.16 ug/l

RT: 10.44 min Scan# 2752

Delta R.T. 0.01 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampled :

MW-26

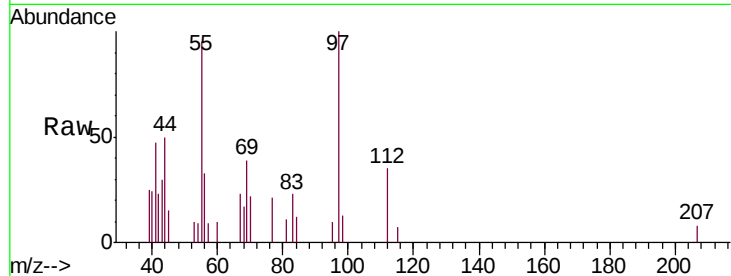
Tot Ion: 69 Resp: 1661

Ion Ratio Lower Upper

69 100

41 149.5 51.0 76.4#

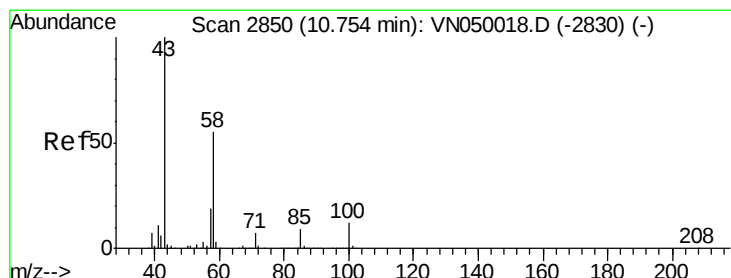
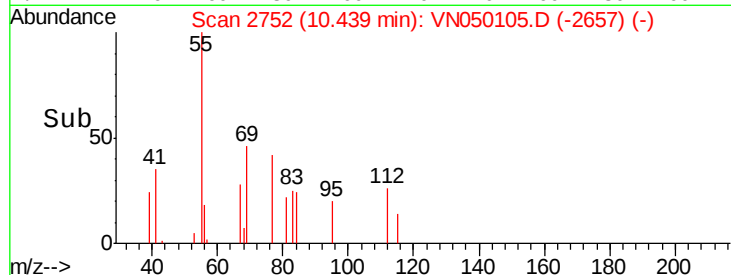
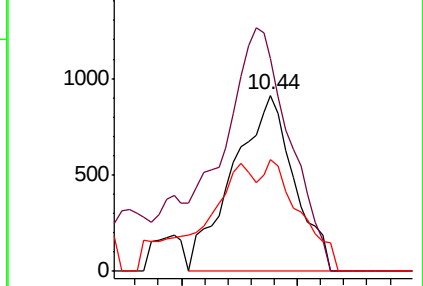
39 54.8 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 5.36 ug/l

RT: 10.61 min Scan# 2806

Delta R.T. -0.14 min

Lab File: VN050105.D

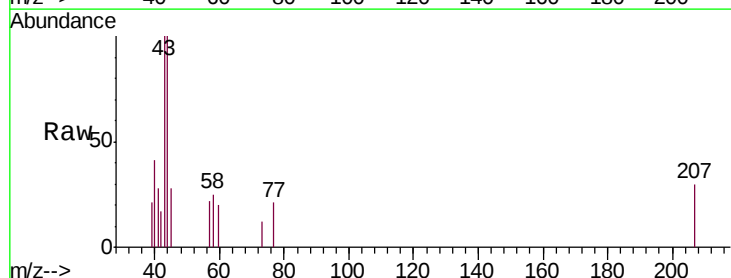
Acq: 27 Jul 2018 1:35

Tgt Ion: 43 Resp: 1150

Ion Ratio Lower Upper

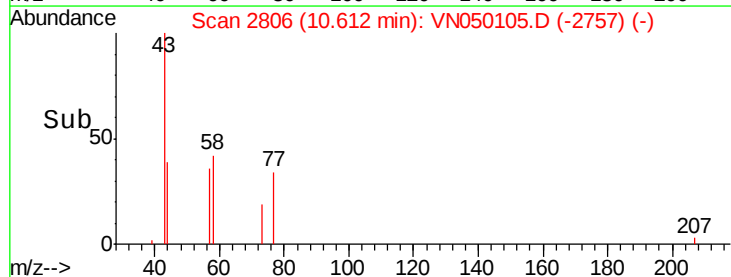
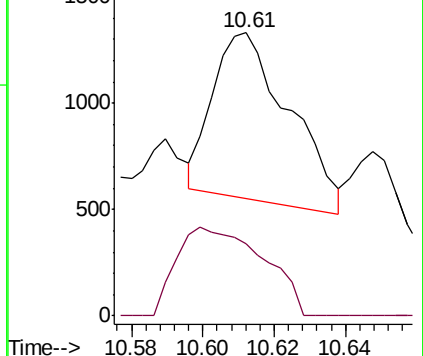
43 100

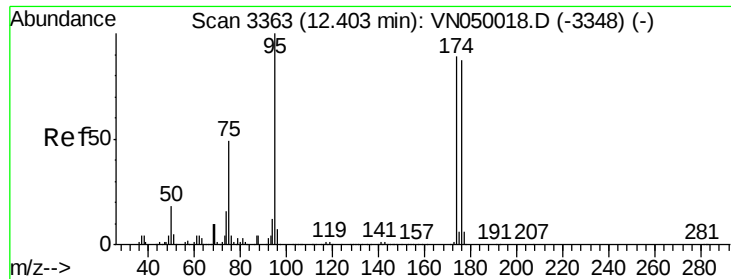
58 61.0 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 40.27 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampleId :

MW-26

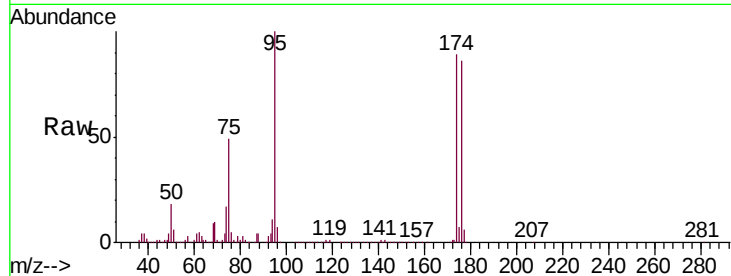
Tot Ion: 95 Resp: 435618

Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.2

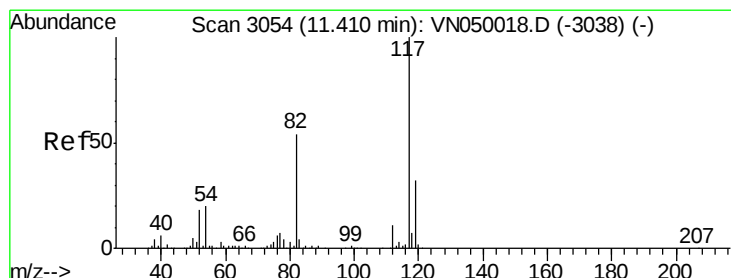
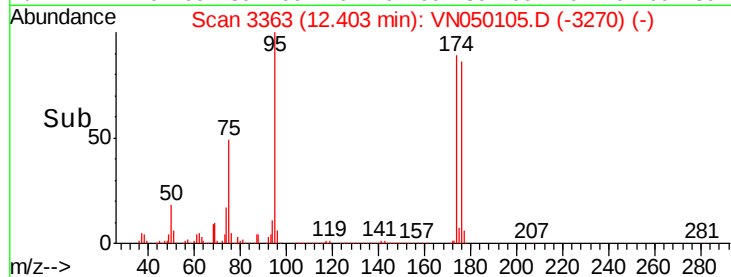
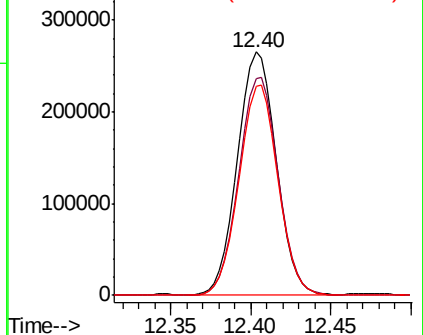
176 87.2 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050105.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050105.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050105.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

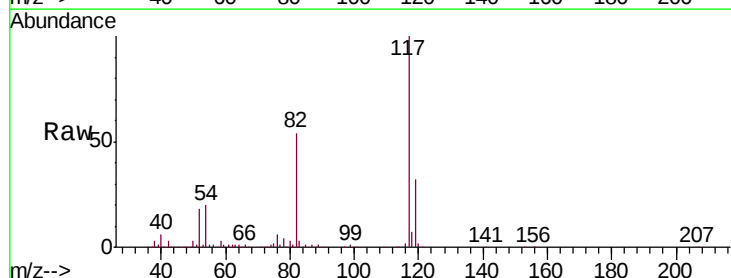
Tgt Ion: 117 Resp: 915976

Ion Ratio Lower Upper

117 100

82 54.0 43.7 65.5

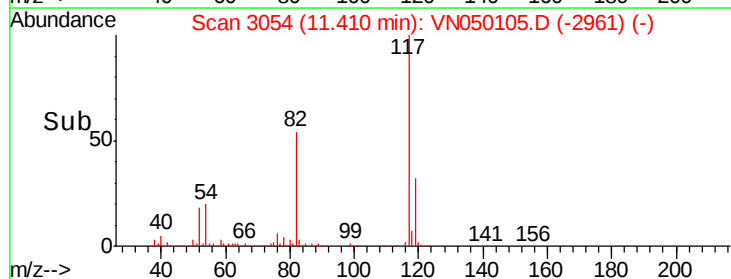
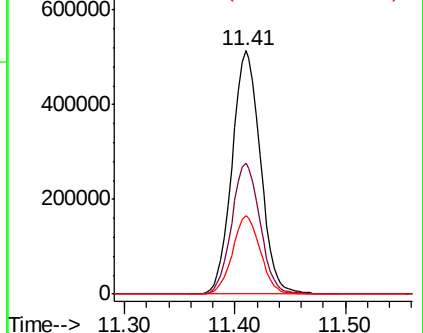
119 32.1 26.1 39.1

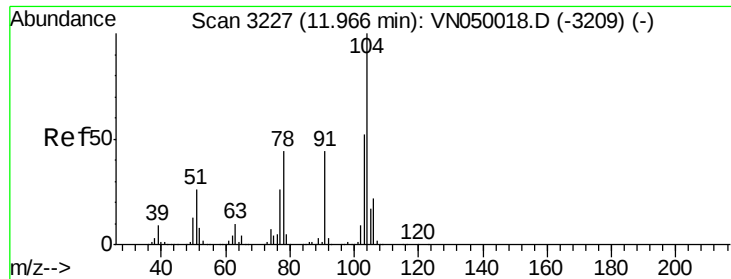


Abundance Ion 116.90 (116.60 to 117.60): VN050105.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050105.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050105.D (-2961) (-)

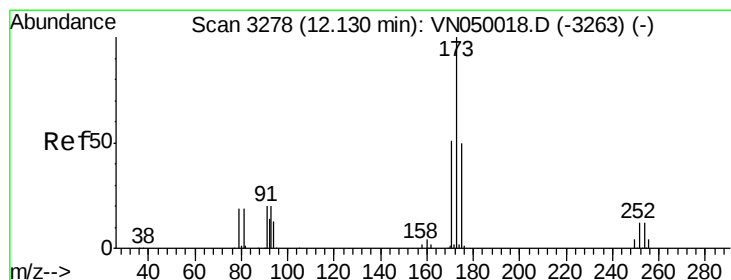
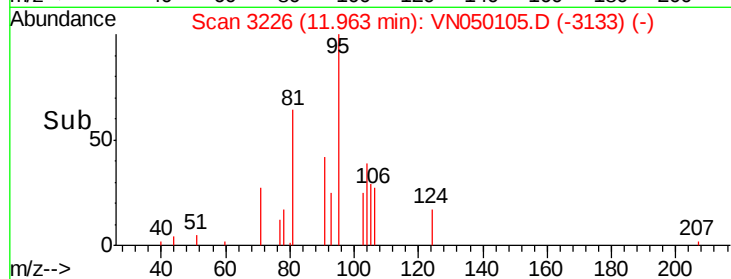
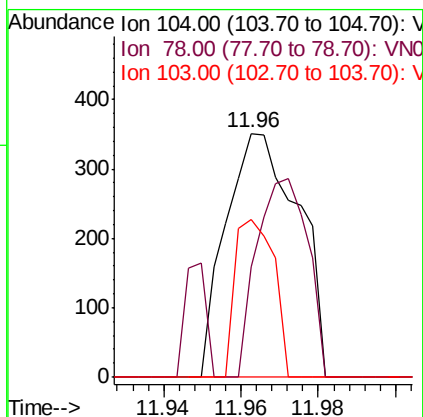
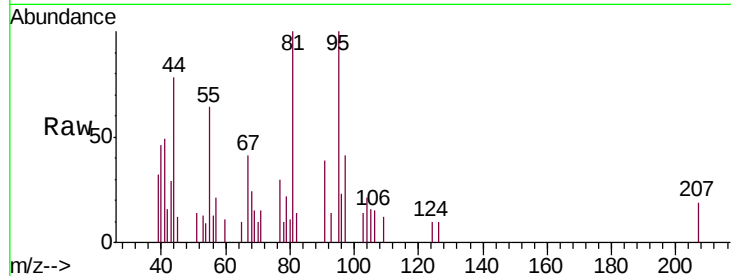




#70
Stvrene
Concen: 0.94 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

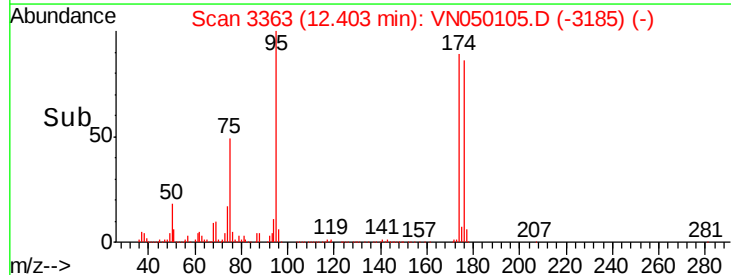
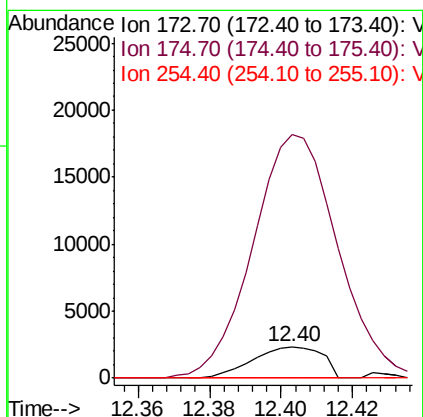
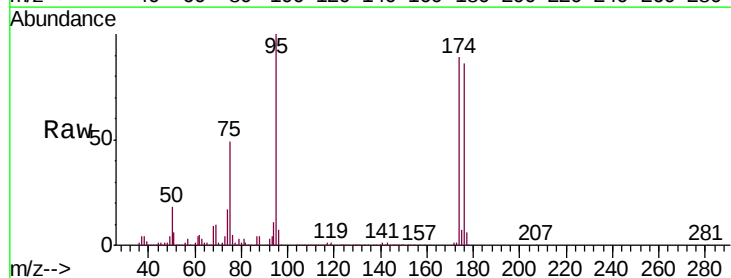
Instrument :
MSVOA_N
ClientSampled :
MW-26

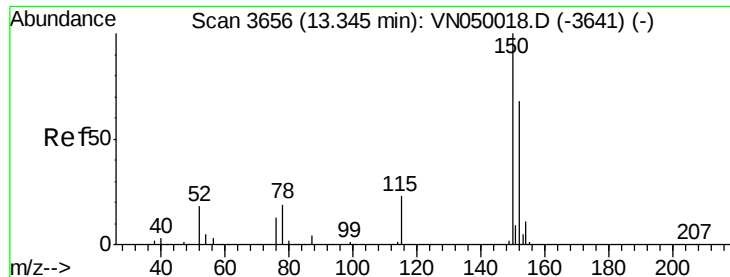
Tot Ion:104 Resp: 458
Ion Ratio Lower Upper
104 100
78 57.2 39.3 58.9
103 34.5 45.0 67.6#



#71
Bromoform
Concen: 0.49 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Tgt Ion:173 Resp: 3142
Ion Ratio Lower Upper
173 100
175 843.7 24.1 72.2#
254 0.0 0.2 0.2#



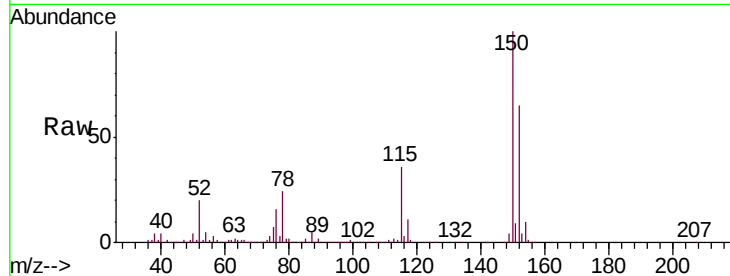


#72

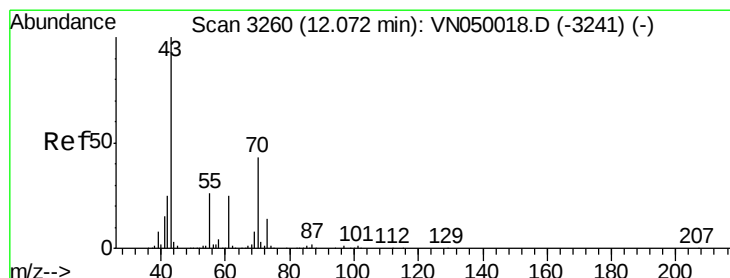
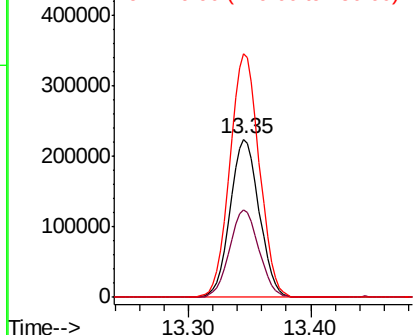
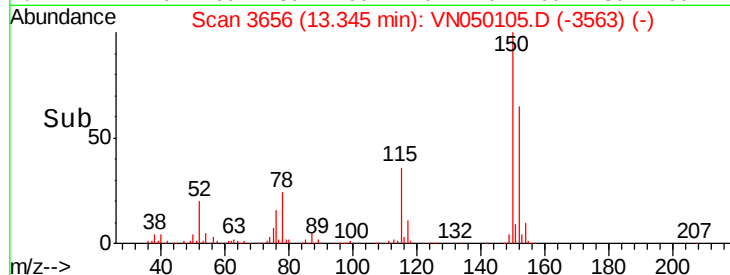
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Instrument :
MSVOA_N
ClientSampled :
MW-26

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.8	83.3
150	155.6	0.0	348.6



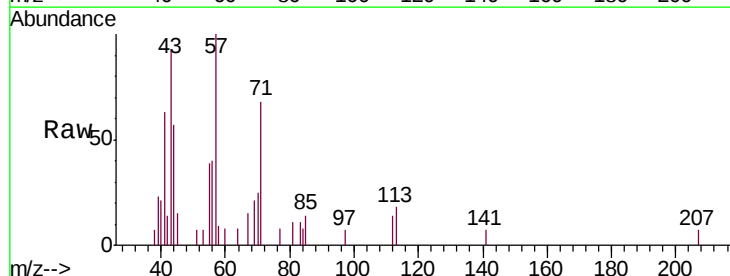
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



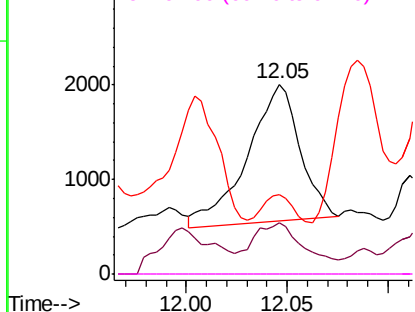
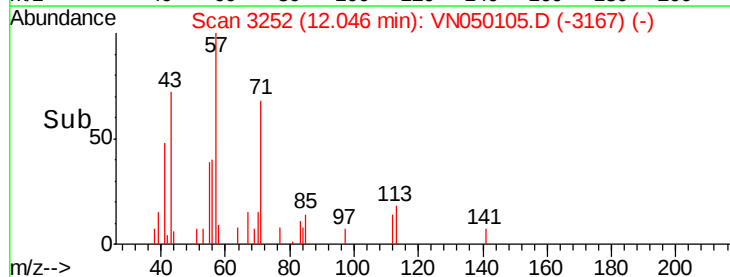
#74

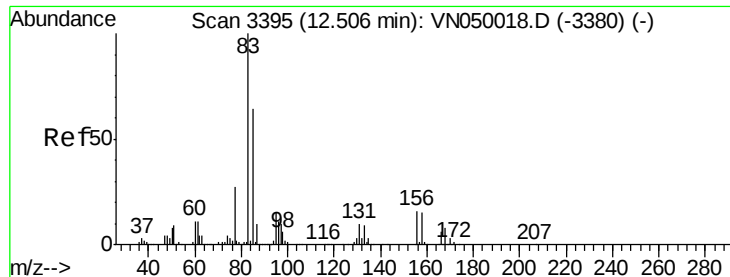
N-ethyl acetate
Concen: 0.30 ug/l
RT: 12.05 min Scan# 3252
Delta R.T. -0.03 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Tgt Ion	Ratio	Lower	Upper
43	100		
70	21.8	34.4	51.6#
55	15.6	20.8	31.2#
61	0.0	19.7	29.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3386

Delta R.T. -0.03 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampled :

MW-26

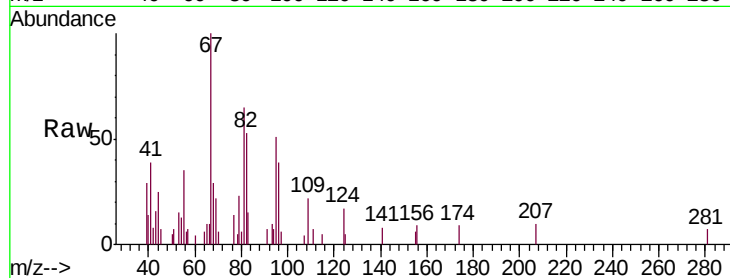
Tot Ion: 83 Resp: 1314

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

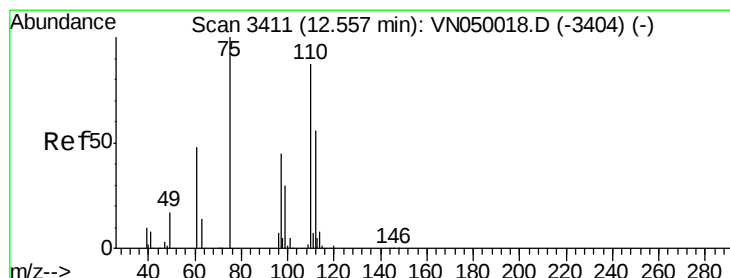
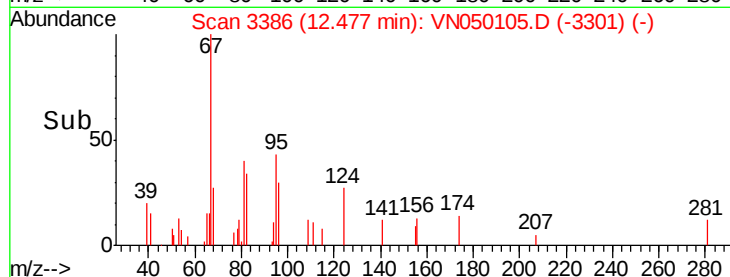
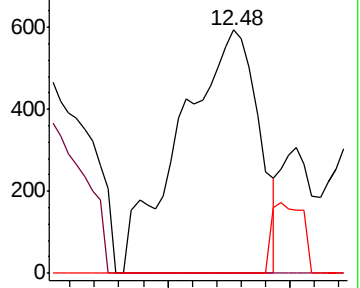
85 11.7 32.3 96.8#



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: 30.80 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050105.D

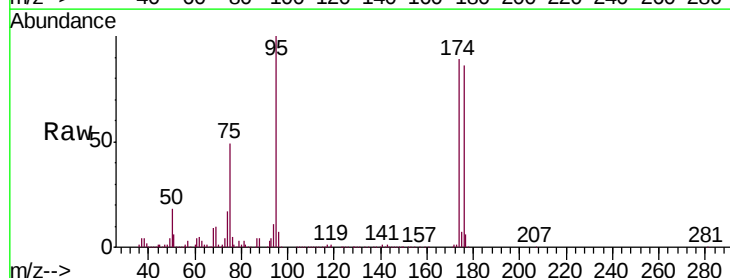
Acq: 27 Jul 2018 1:35

Tgt Ion: 75 Resp: 212923

Ion Ratio Lower Upper

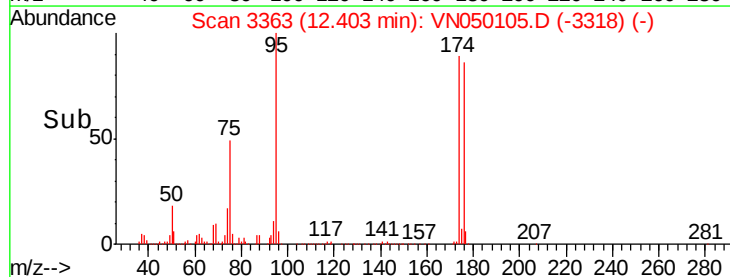
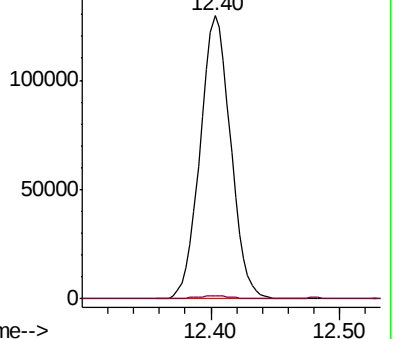
75 100

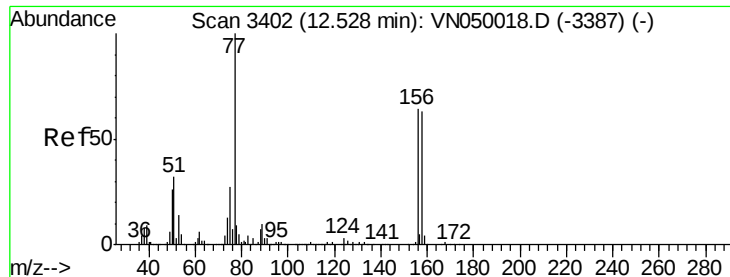
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 0.33 ug/l

RT: 12.55 min Scan# 3409

Delta R.T. 0.02 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampleId :

MW-26

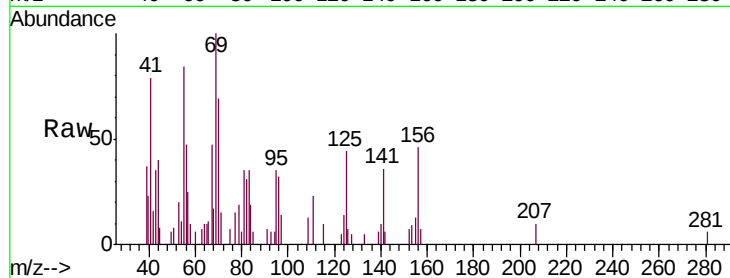
Tot Ion:156 Resp: 2610

Ion Ratio Lower Upper

156 100

77 59.2 91.7 275.1#

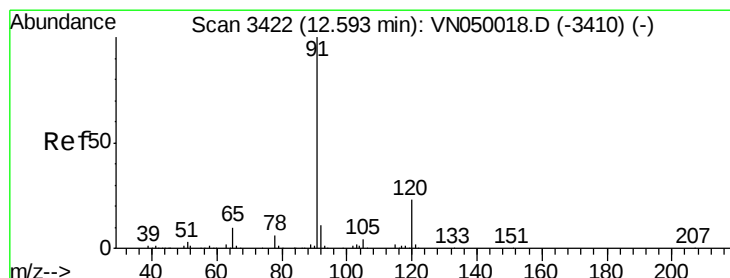
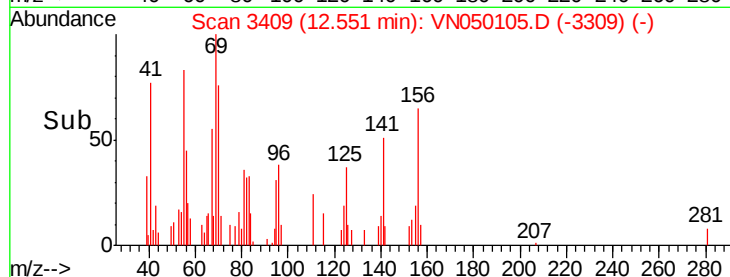
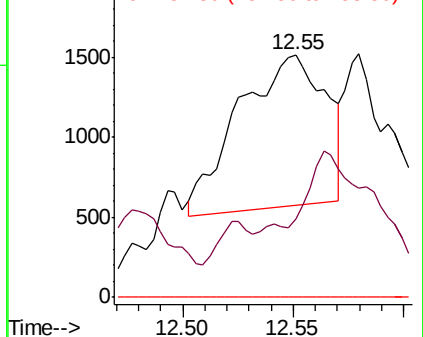
158 0.0 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.24 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050105.D

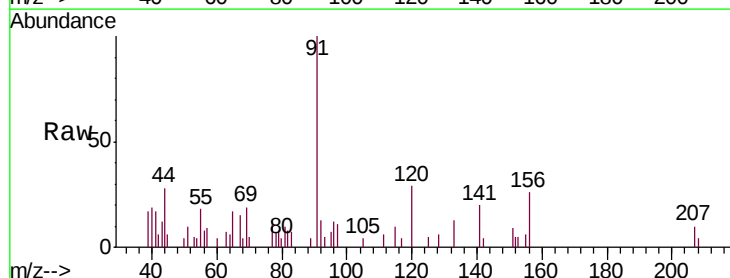
Acq: 27 Jul 2018 1:35

Tgt Ion: 91 Resp: 7839

Ion Ratio Lower Upper

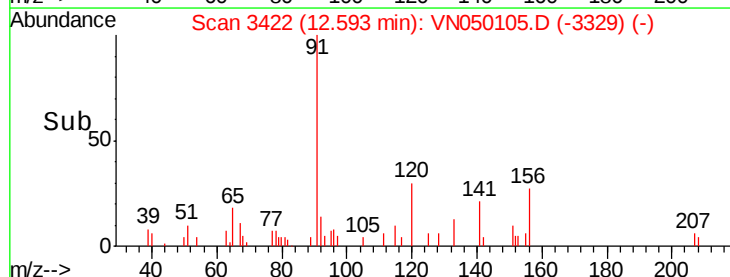
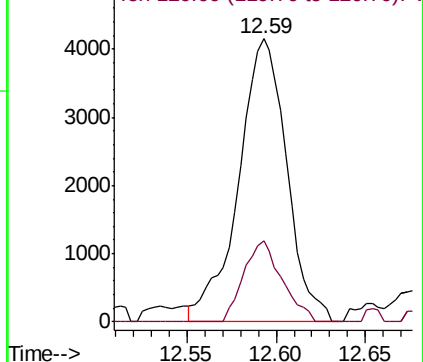
91 100

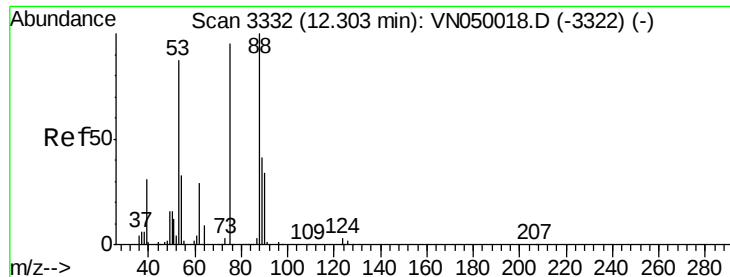
120 22.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

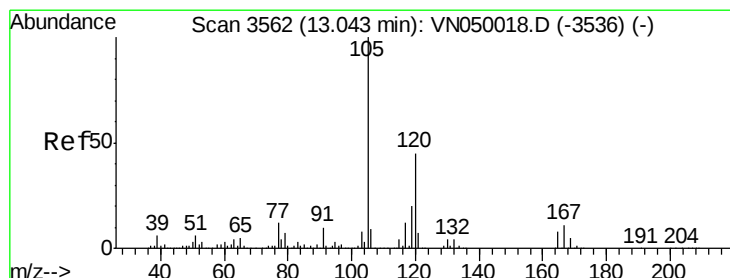
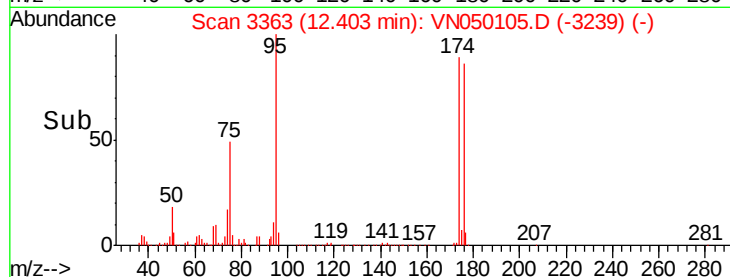
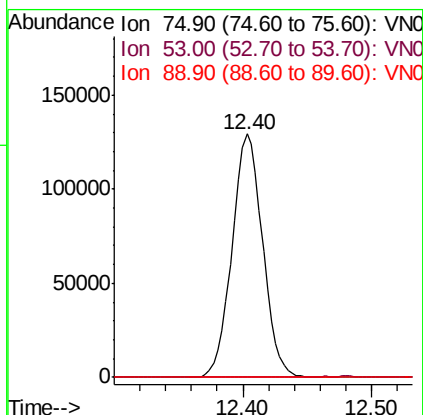
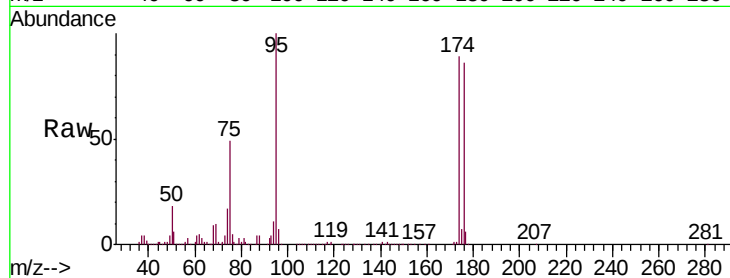




#81
trans-1,4-Dichloro-2-butene
Concen: 97.70 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

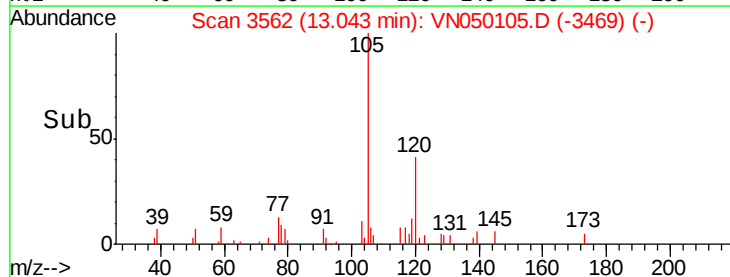
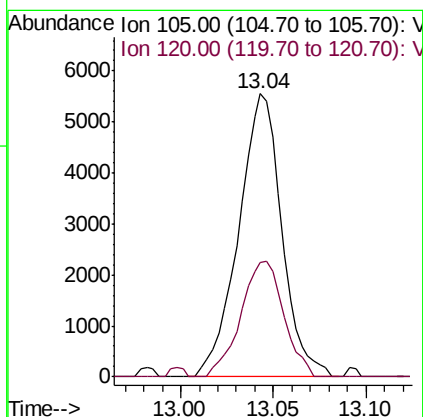
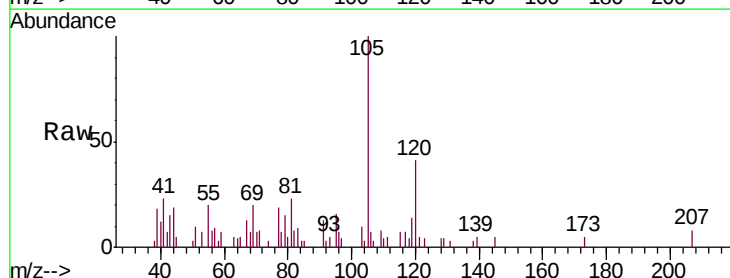
Instrument :
MSVOA_N
ClientSampleId :
MW-26

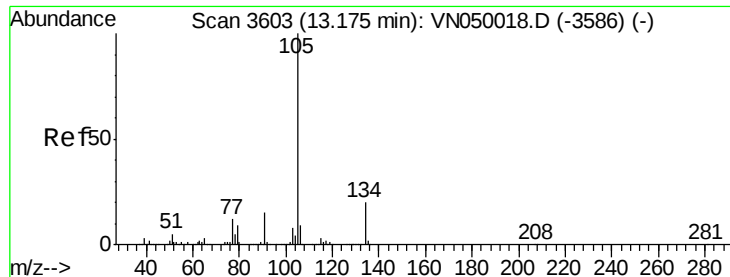
Tot Ion: 75 Resp: 212923
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 0.0 36.0 54.0#



#84
1,2,4-Trimethylbenzene
Concen: 0.39 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050105.D
Acq: 27 Jul 2018 1:35

Tgt Ion: 105 Resp: 8965
Ion Ratio Lower Upper
105 100
120 40.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 0.27 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampleId :

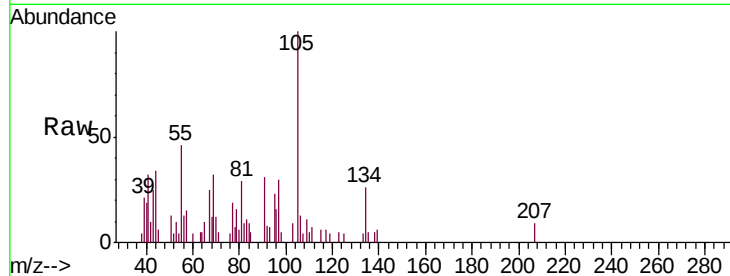
MW-26

Tot Ion:105 Resp: 7155

Ion Ratio Lower Upper

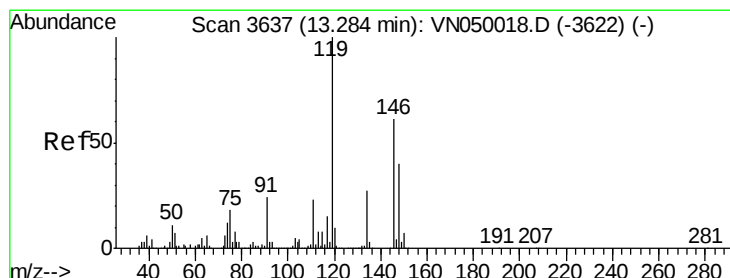
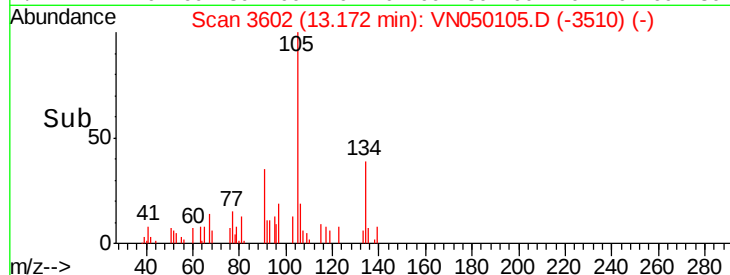
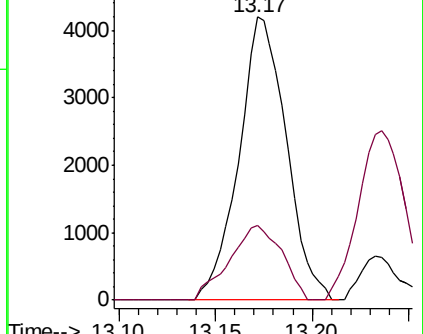
105 100

134 29.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 0.30 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

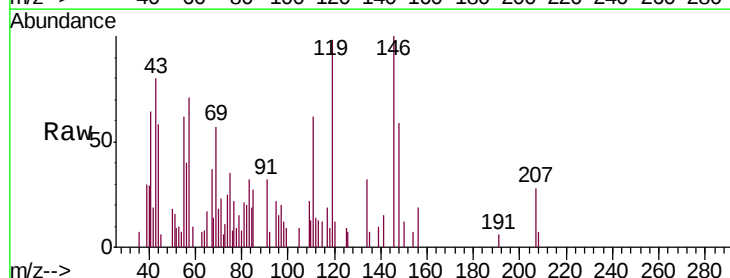
Tgt Ion:146 Resp: 4061

Ion Ratio Lower Upper

146 100

111 64.5 18.8 56.4#

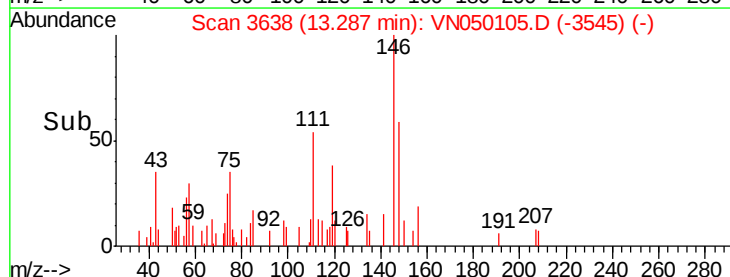
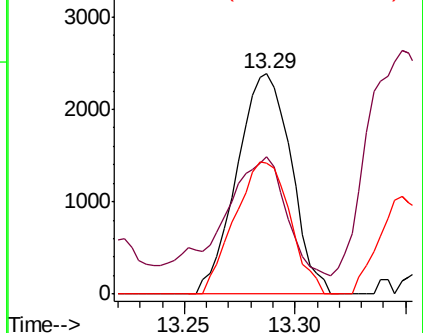
148 61.1 31.9 95.9

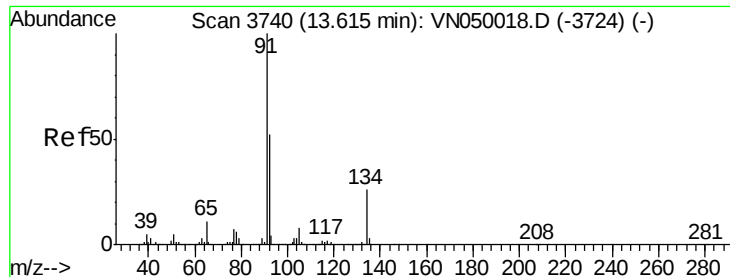


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.49 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. -0.03 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampled :

MW-26

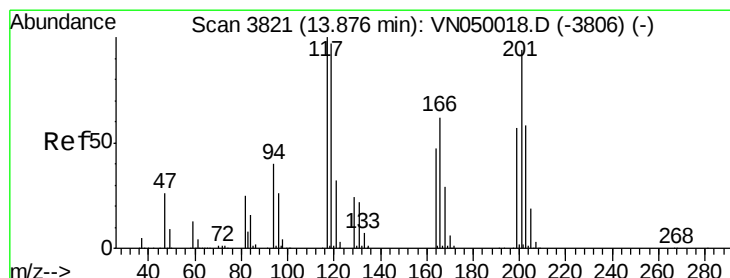
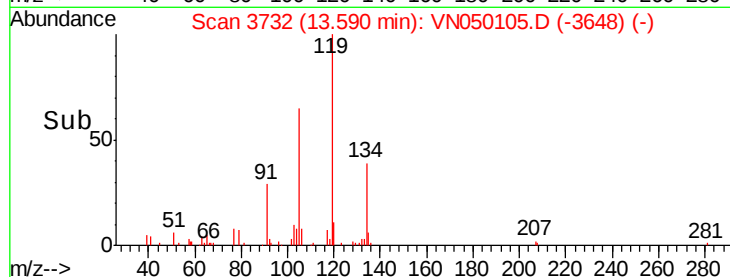
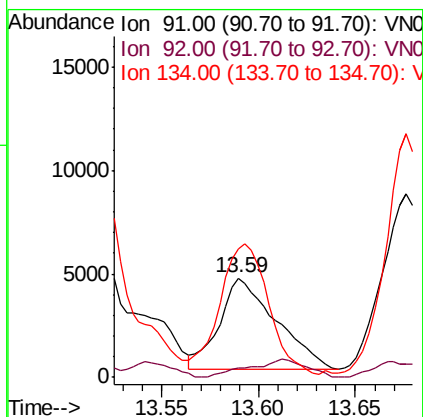
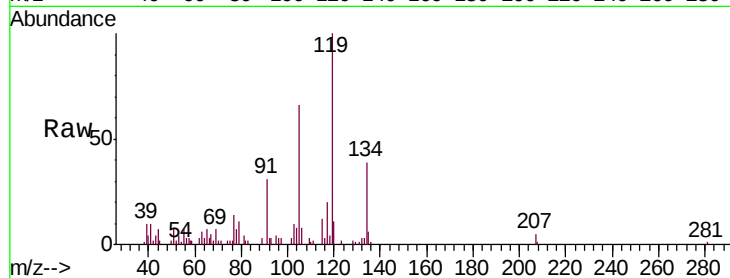
Tot Ion: 91 Resp: 9028

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.4#

134 122.7 12.8 38.4#



#90

Hexachloroethane

Concen: 3.63 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050105.D

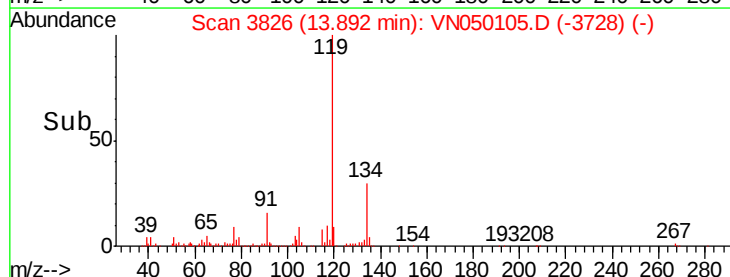
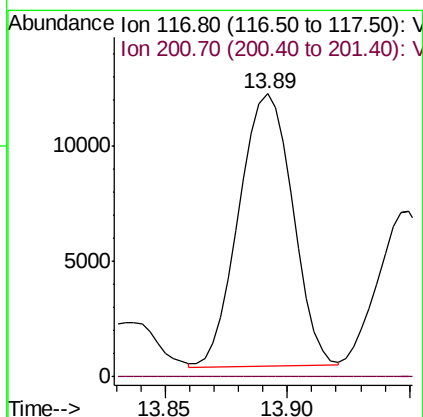
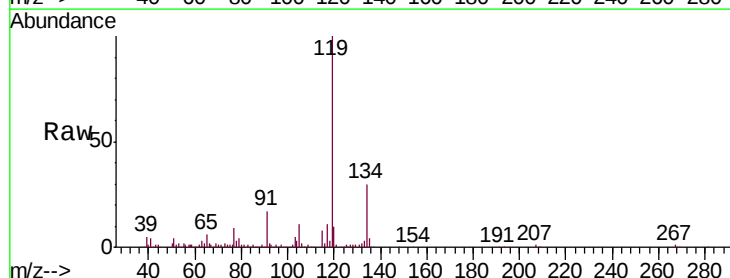
Acq: 27 Jul 2018 1:35

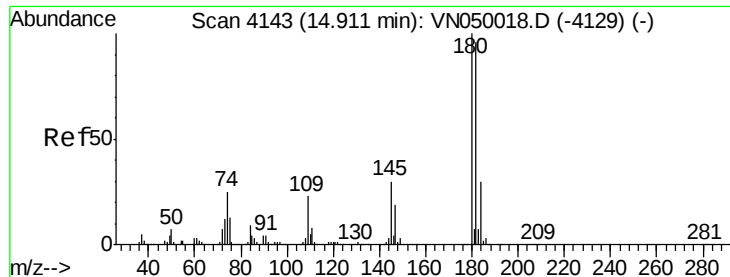
Tgt Ion: 117 Resp: 17991

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#

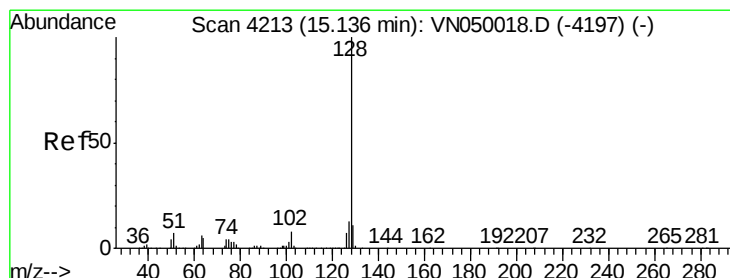
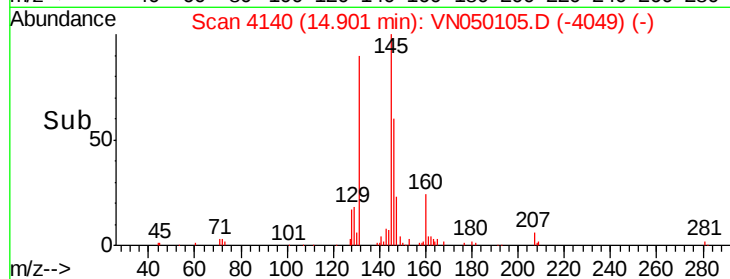
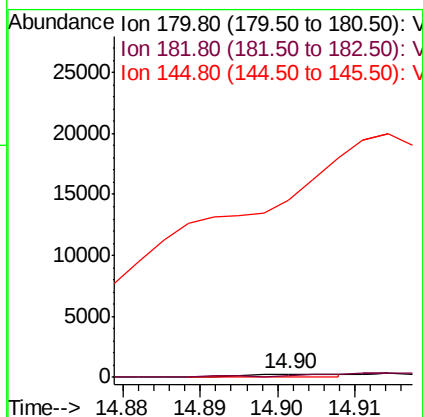
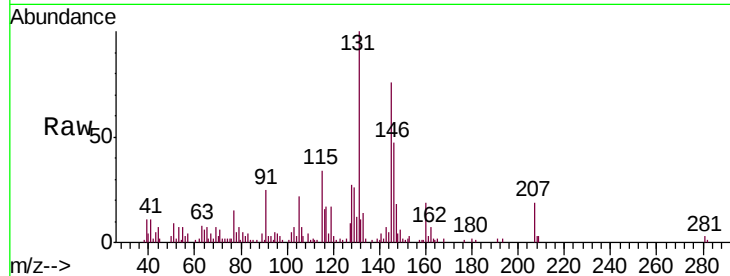




#93
 1,2,4-Trichlorobenzene
 Concen: 3.12 ug/l
 RT: 14.90 min Scan# 4140
 Delta R.T. -0.01 min
 Lab File: VN050105.D
 Acq: 27 Jul 2018 1:35

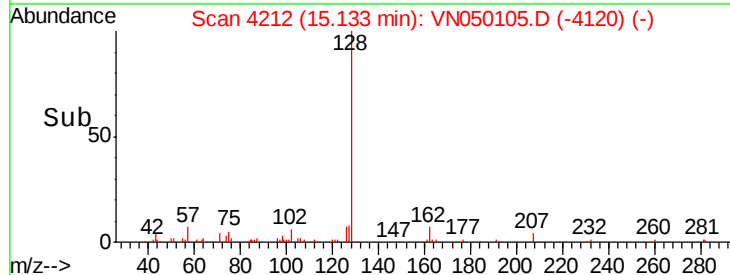
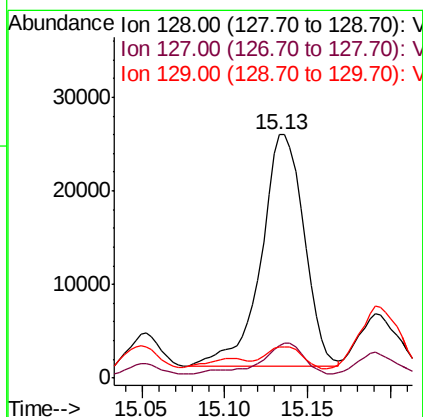
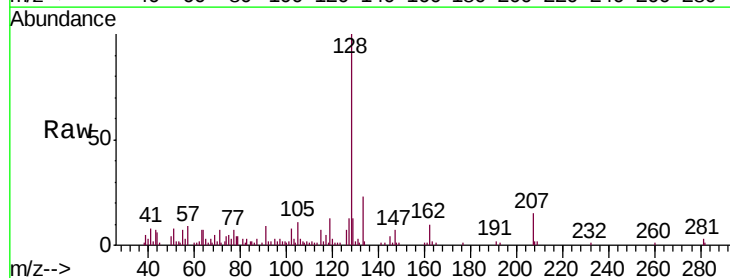
Instrument :
 MSVOA_N
 ClientSampled :
 MW-26

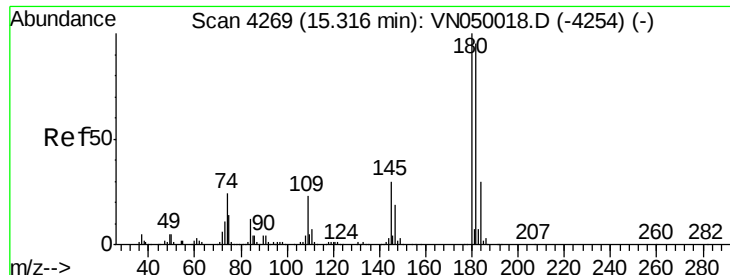
Tot Ion:180 Resp: 235
 Ion Ratio Lower Upper
 180 100
 182 26.4 46.7 140.1#
 145 0.0 13.8 41.4#



#95
 Naphthalene
 Concen: 6.80 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN050105.D
 Acq: 27 Jul 2018 1:35

Tgt Ion:128 Resp: 44379
 Ion Ratio Lower Upper
 128 100
 127 14.2 10.4 15.6
 129 8.2 8.8 13.2#





#96

1,2,3-Trichlorobenzene

Concen: 2.28 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.01 min

Lab File: VN050105.D

Acq: 27 Jul 2018 1:35

Instrument :

MSVOA_N

ClientSampleId :

MW-26

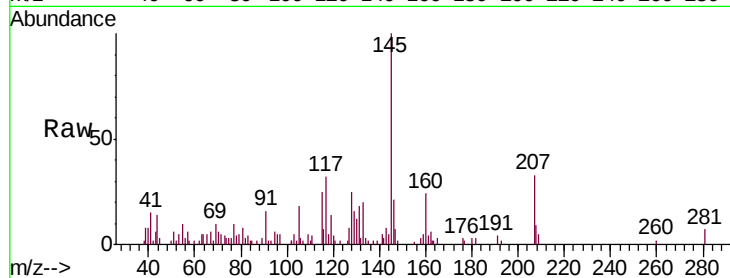
Tot Ion:180 Resp: 534

Ion Ratio Lower Upper

180 100

182 66.9 48.1 144.4

145 2905.6 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

