

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050298.D
 Acq On : 3 Aug 2018 6:17
 Operator : MD\SY
 Sample : J4303-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A19R

Quant Time: Aug 03 07:02:07 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	677469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1106766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	935366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413277	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	471144	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.68%		
35) Dibromofluoromethane	7.59	113	418141	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.54%		
50) Toluene-d8	10.09	98	1506032	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.66%		
62) 4-Bromofluorobenzene	12.40	95	463719	42.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.78%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2161	0.20	ug/l	# 87
5) Bromomethane	2.56	94	368	Below Cal		# 75
11) Tert butyl alcohol	4.79	59	1419	2.04	ug/l	# 72
16) Acetone	3.83	43	13065	1.55	ug/l	97
17) Carbon Disulfide	4.05	76	14068	0.59	ug/l	98
18) Methyl Acetate	4.34	43	16260	0.26	ug/l	91
19) Methyl tert-butyl Ether	5.05	73	12274	0.59	ug/l	# 43
20) Methylene Chloride	4.55	84	1545	Below Cal		# 71
25) 2-Butanone	6.84	43	858	0.24	ug/l	# 48
31) Cyclohexane	7.66	56	25599	1.90	ug/l	# 36
36) 1,1-Dichloropropene	7.67	75	47572	3.82	ug/l	# 49
38) Carbon Tetrachloride	7.67	117	61918	4.68	ug/l	# 17
39) Methylcyclohexane	9.08	83	32170	2.51	ug/l	95
41) Methacrylonitrile	7.16	41	59	2.76	ug/l	# 10
43) Isopropyl Acetate	8.25	43	261444	15.16	ug/l	# 63
48) Methyl methacrylate	9.27	41	2187	0.29	ug/l	# 86
51) 4-Methyl-2-Pentanone	9.93	43	2251	0.26	ug/l	# 35
55) 1,1,2-Trichloroethane	10.53	97	15462	1.74	ug/l	# 19
56) Ethyl methacrylate	10.43	69	8334	2.69	ug/l	# 9
59) 2-Hexanone	10.76	43	356	5.23	ug/l	# 24
67) Ethyl Benzene	11.51	91	11831	0.31	ug/l	93
71) Bromoform	12.40	173	3809	0.58	ug/l	# 1
73) Isopropylbenzene	12.25	105	628983	19.62	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.46	83	2450	Below Cal		# 25
76) 1,2,3-Trichloropropane	12.40	75	229102	29.83	ug/l	# 100
78) n-propylbenzene	12.59	91	944187	26.36	ug/l	99
79) 2-Chlorotoluene	12.73	91	31250	1.41	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.73	105	305752	12.13	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	229102	94.61	ug/l	# 13
82) 4-Chlorotoluene	12.73	91	31250	1.42	ug/l	# 41
83) tert-Butylbenzene	12.99	119	49417	2.25	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	248742	9.79	ug/l	99
85) sec-Butylbenzene	13.17	105	438896	14.93	ug/l	88
86) p-Isopropyltoluene	13.44	119	188612	7.61	ug/l	97

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

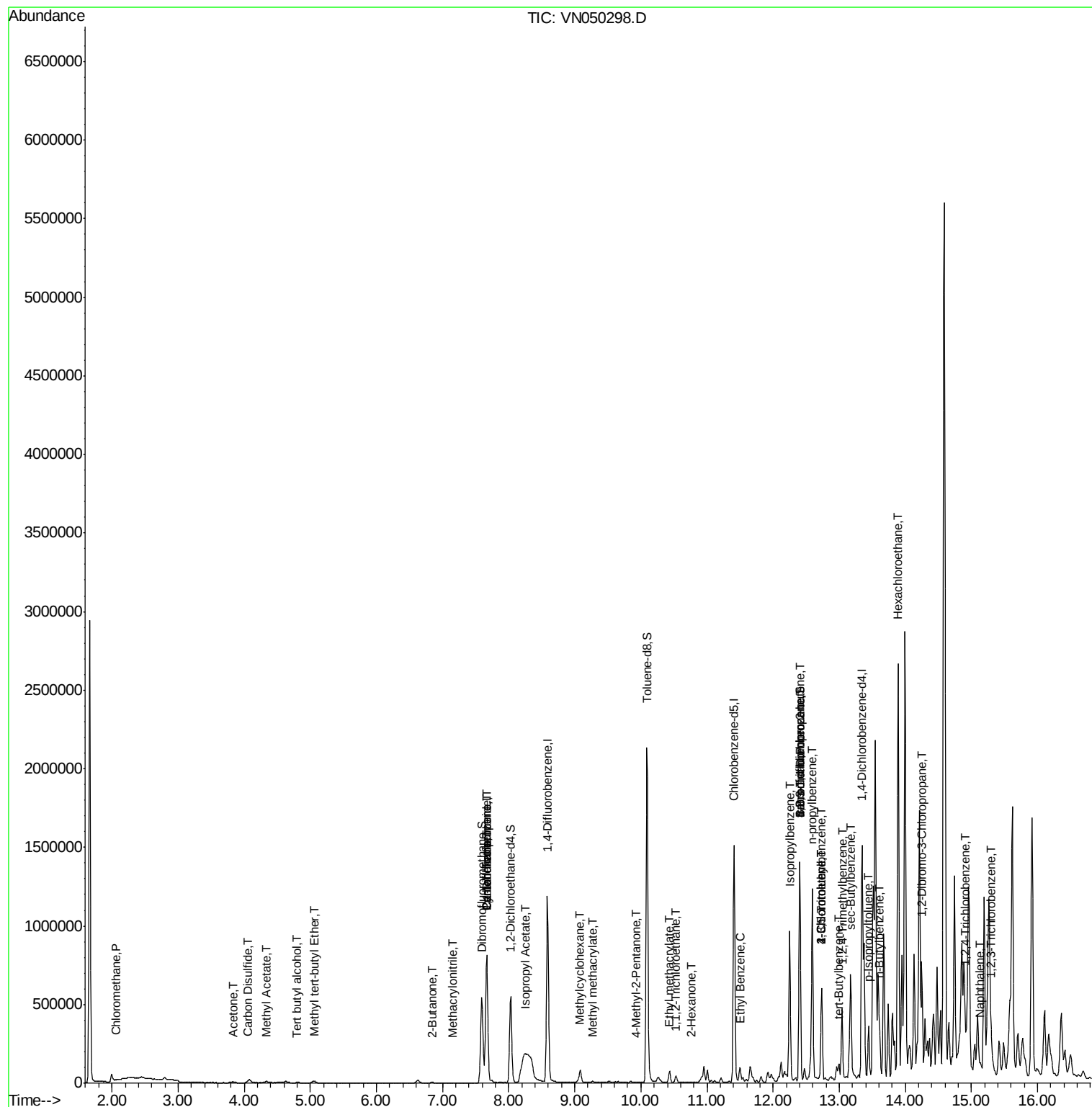
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.62	91	194073	9.53	ug/l #	71
90) Hexachloroethane	13.89	117	134225	24.40	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2954	1.28	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	96	3.10	ug/l #	1
95) Naphthalene	15.13	128	20262	5.39	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.31	180	72	2.21	ug/l #	1

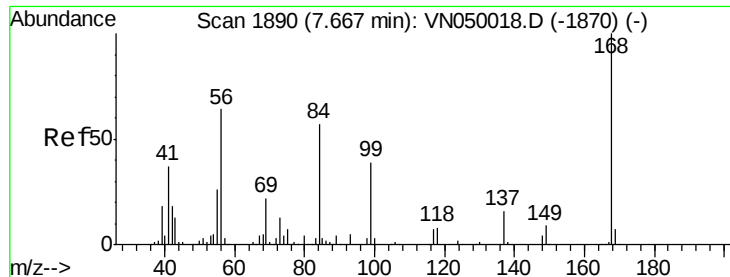
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

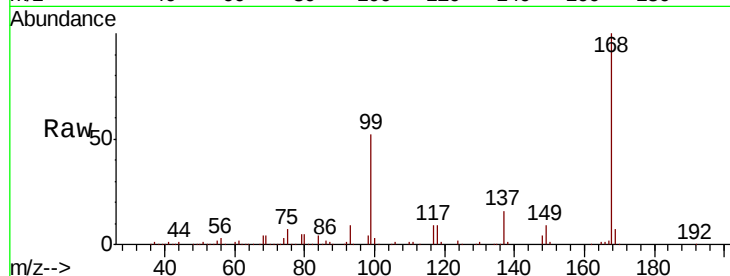
MW-A19R

Tot Ion:168 Resp: 677469

Ion Ratio Lower Upper

168 100

99 51.9 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

250000

200000

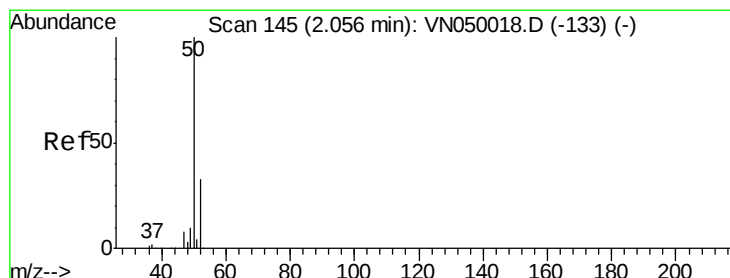
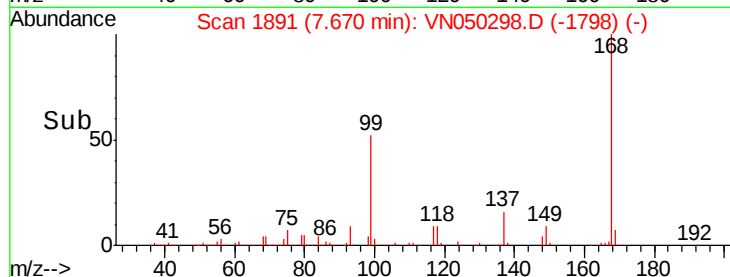
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.20 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050298.D

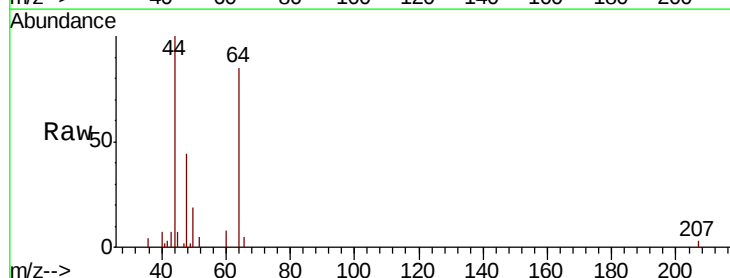
Acq: 3 Aug 2018 6:17

Tgt Ion: 50 Resp: 2161

Ion Ratio Lower Upper

50 100

52 24.9 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

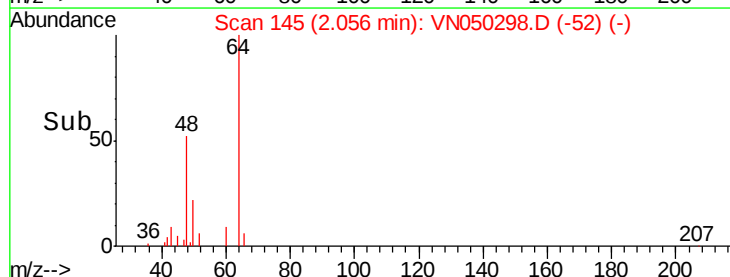
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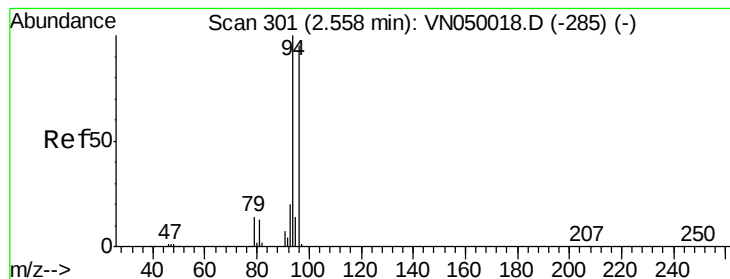
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

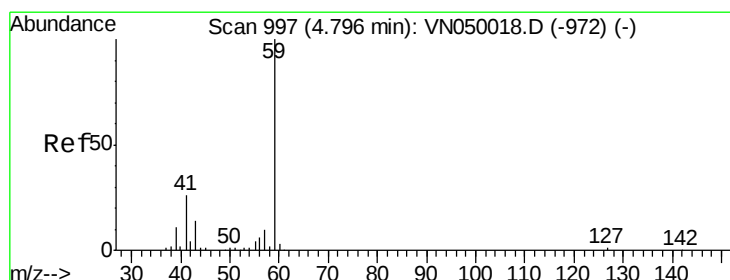
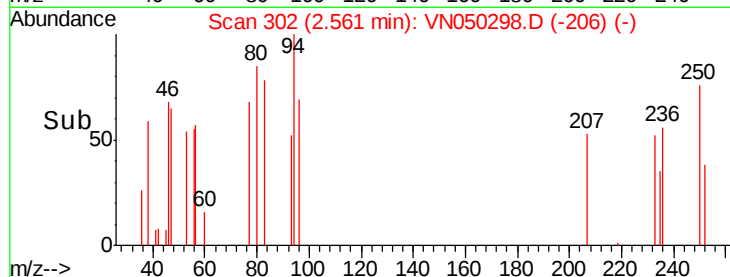
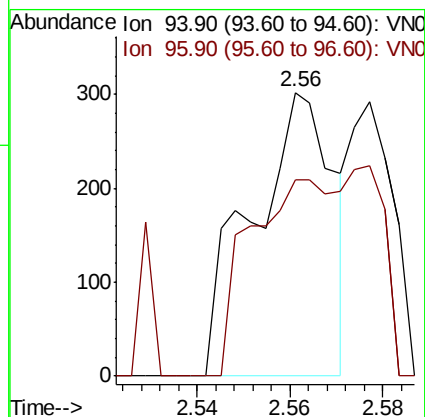
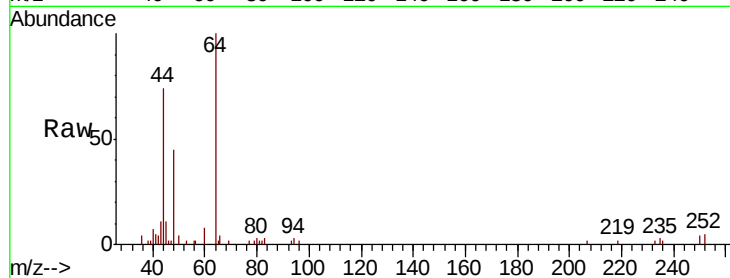
MW-A19R

Tot Ion: 94 Resp: 368

Ion Ratio Lower Upper

94 100

96 69.2 74.6 112.0#



#11

Tert butyl alcohol

Concen: 2.04 ug/l

RT: 4.79 min Scan# 996

Delta R.T. -0.01 min

Lab File: VN050298.D

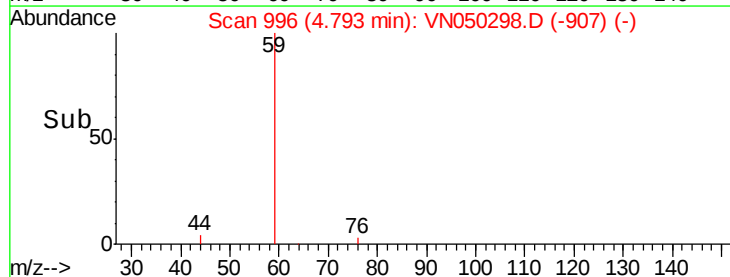
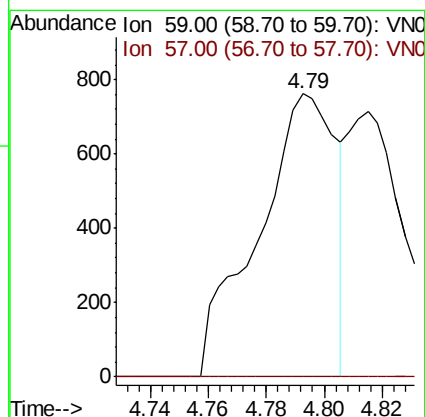
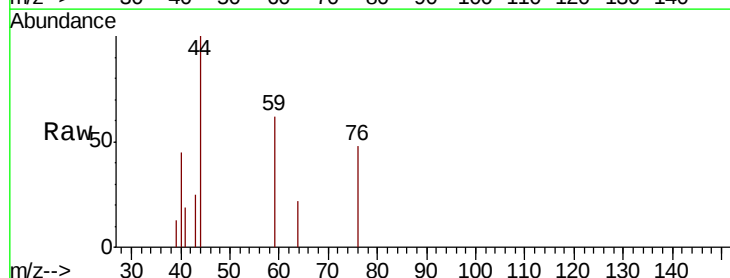
Acq: 3 Aug 2018 6:17

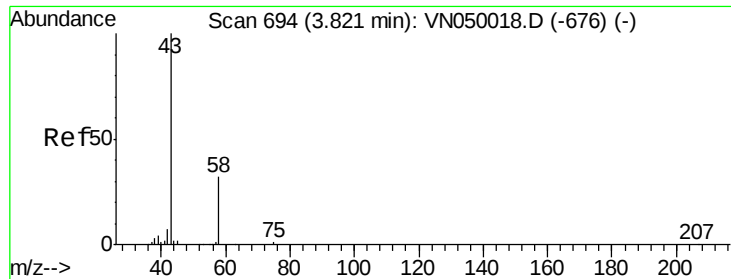
Tgt Ion: 59 Resp: 1419

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#16

Acetone

Concen: 1.55 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

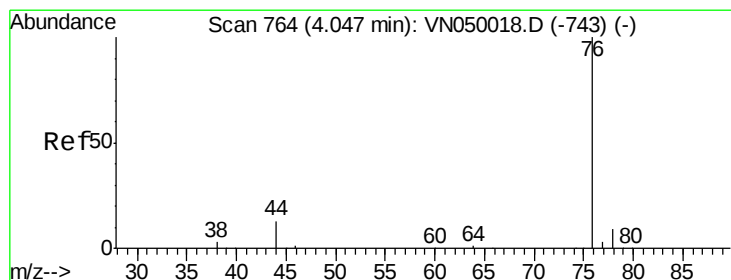
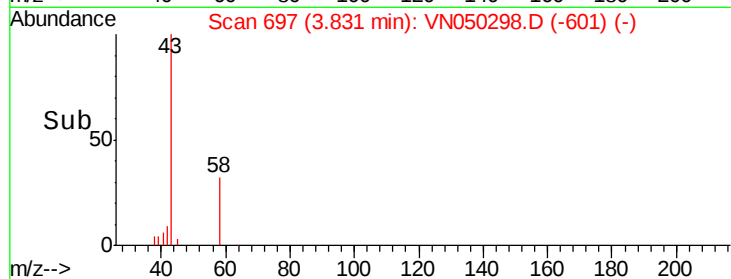
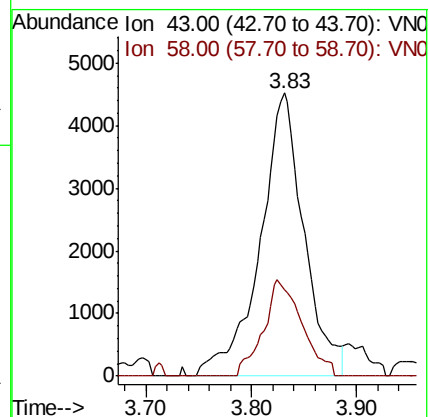
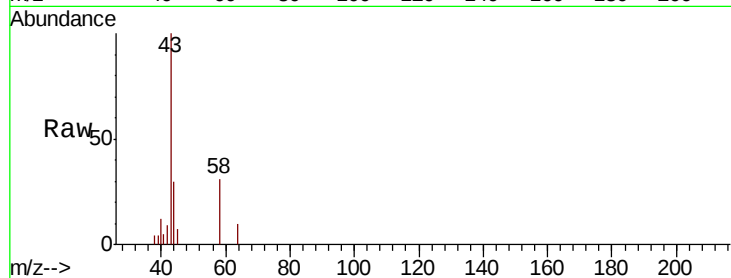
MW-A19R

Tot Ion: 43 Resp: 13065

Ion Ratio Lower Upper

43 100

58 30.6 25.8 38.8



#17

Carbon Disulfide

Concen: 0.59 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050298.D

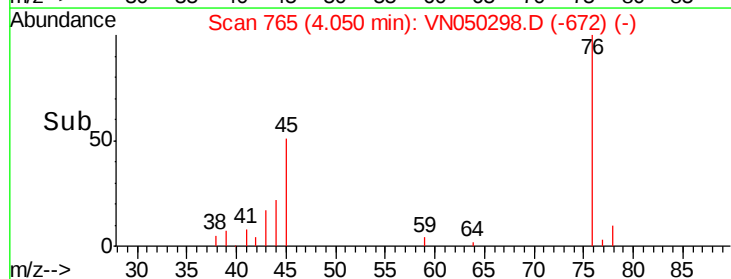
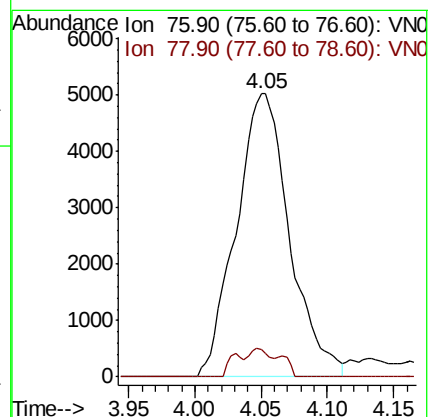
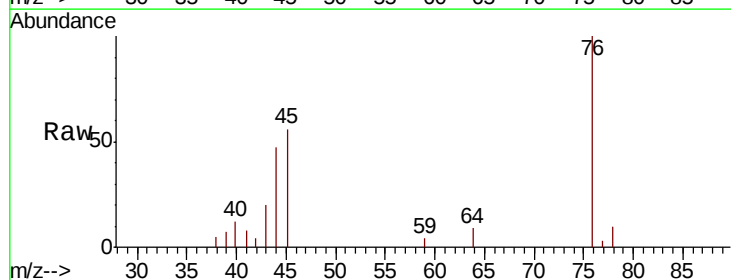
Acq: 3 Aug 2018 6:17

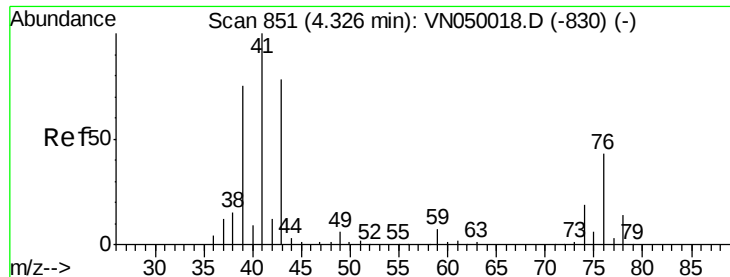
Tgt Ion: 76 Resp: 14068

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9

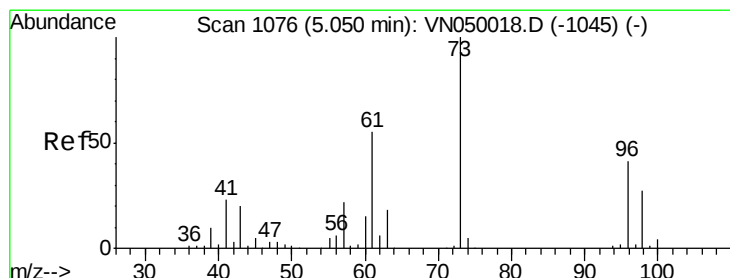
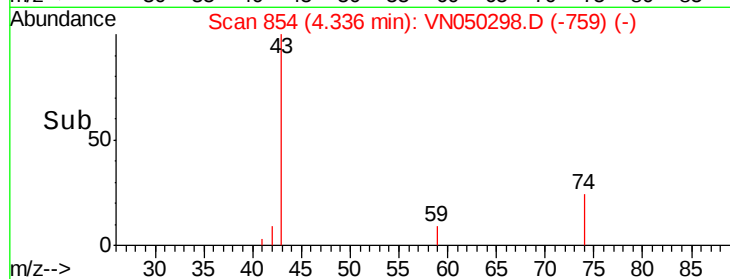
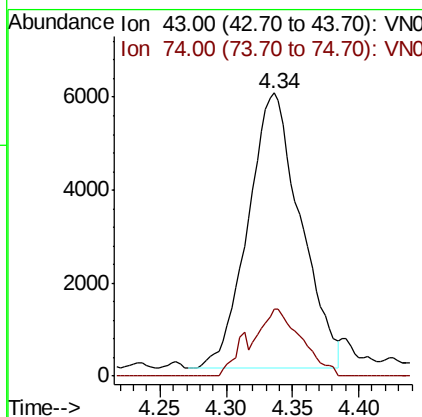
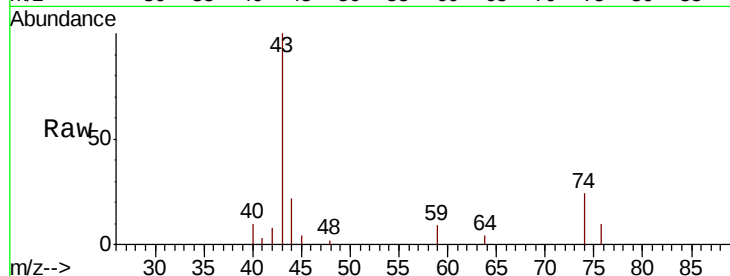




#18
Methvl Acetate
Concen: 0.26 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

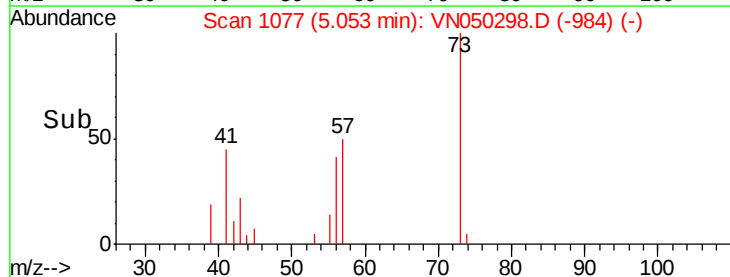
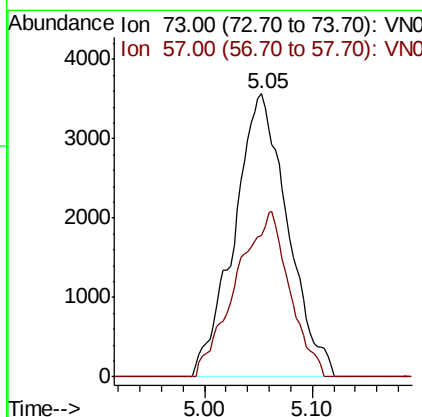
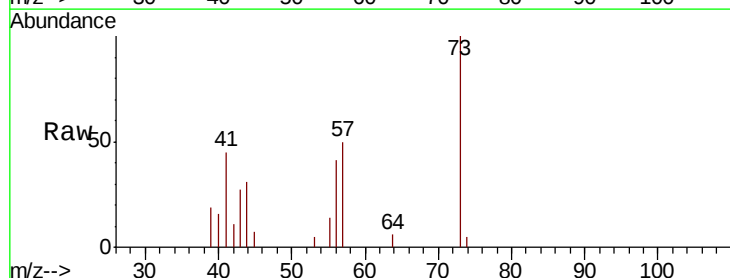
Instrument :
MSVOA_N
ClientSampled :
MW-A19R

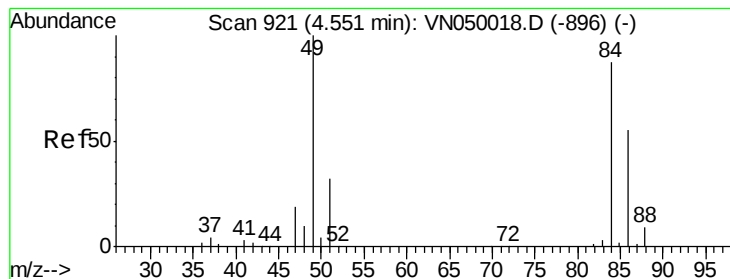
Tot Ion: 43 Resp: 16260
Ion Ratio Lower Upper
43 100
74 19.6 19.2 28.8



#19
Methyl tert-butyl Ether
Concen: 0.59 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion: 73 Resp: 12274
Ion Ratio Lower Upper
73 100
57 49.8 18.0 27.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

MW-A19R

Tot Ion: 84 Resp: 1545

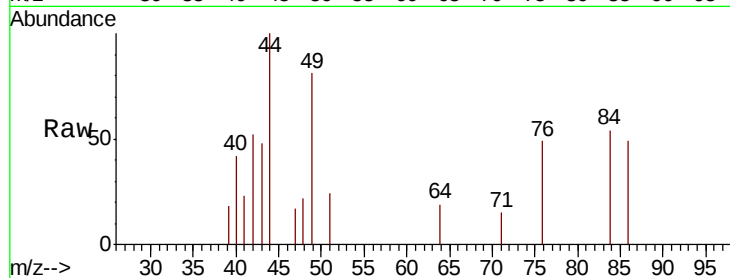
Ion Ratio Lower Upper

84 100

49 150.8 94.8 142.2#

51 44.9 28.3 42.5#

86 90.9 51.0 76.6#

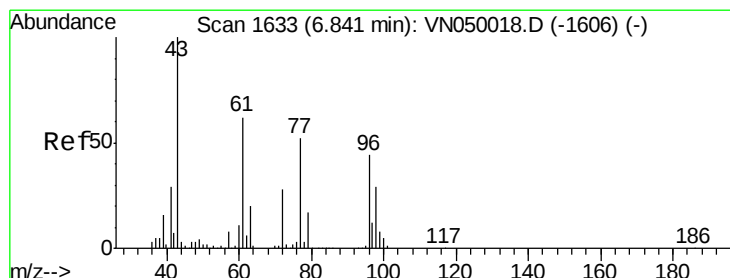
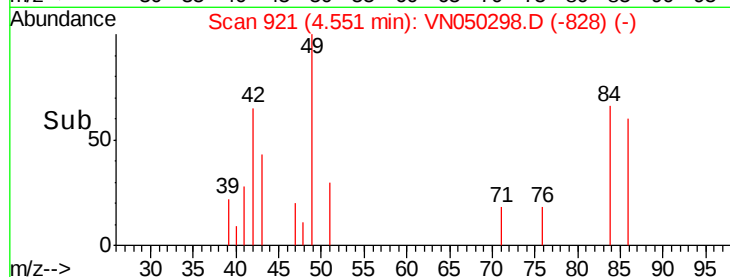
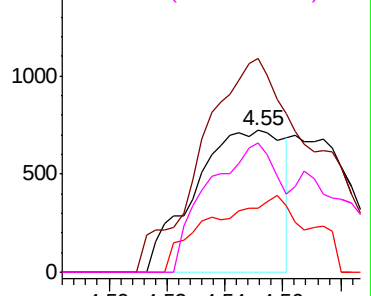


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 0.24 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN050298.D

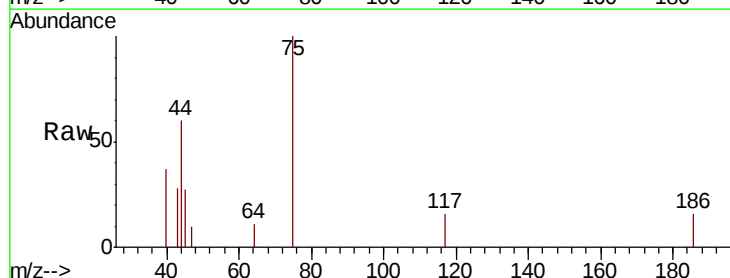
Acq: 3 Aug 2018 6:17

Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

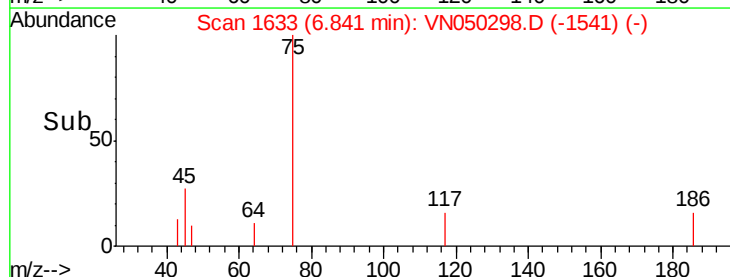
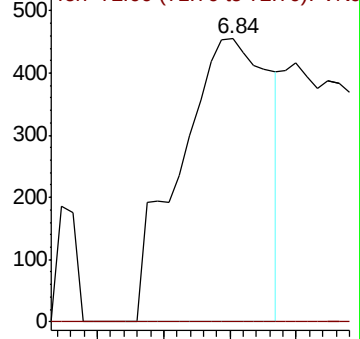
43 100

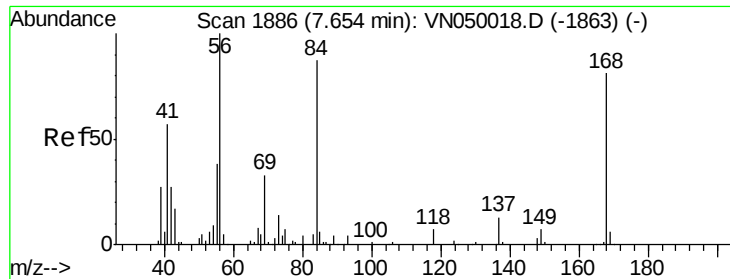
72 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

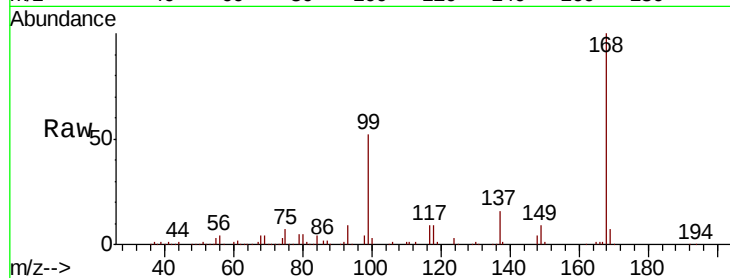




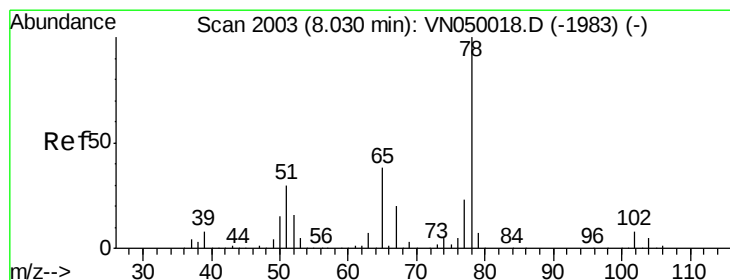
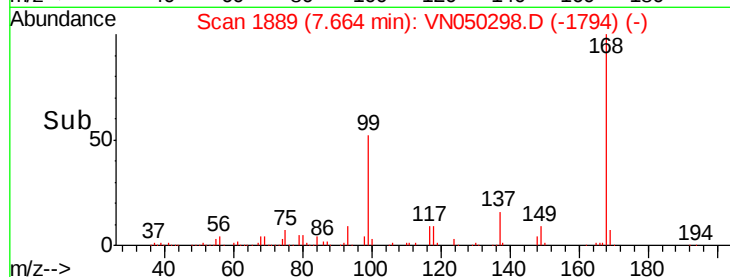
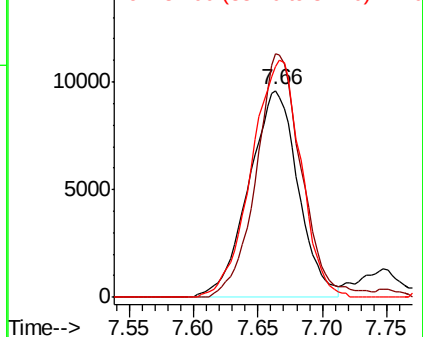
#31
Cyclohexane
Concen: 1.90 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

Tot Ion: 56 Resp: 25599
Ion Ratio Lower Upper
56 100
69 117.8 26.2 39.4#
84 111.9 67.4 101.0#

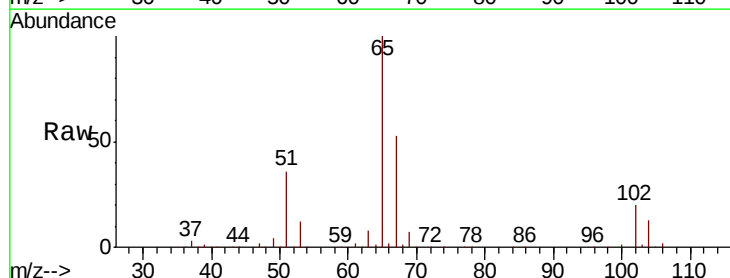


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

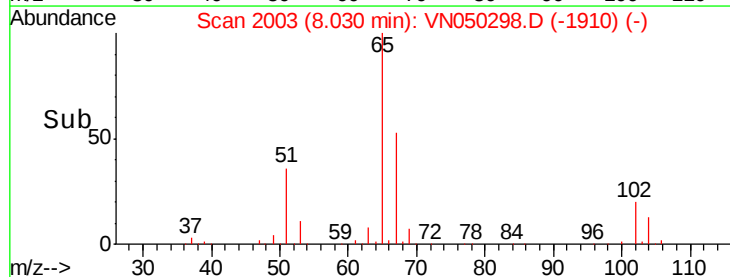
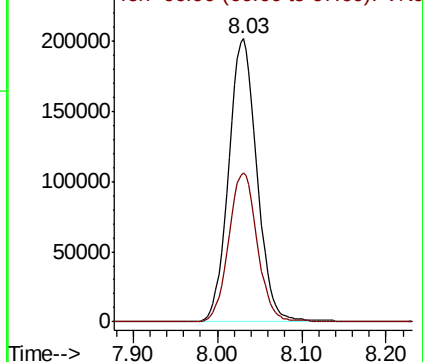


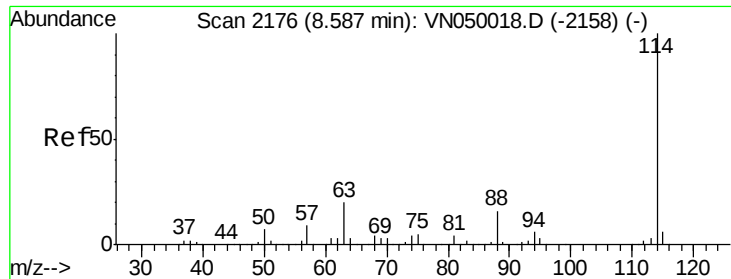
#33
1,2-Dichloroethane-d4
Concen: 49.84 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion: 65 Resp: 471144
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4



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

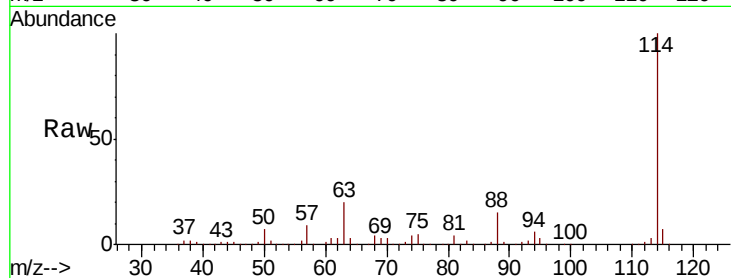




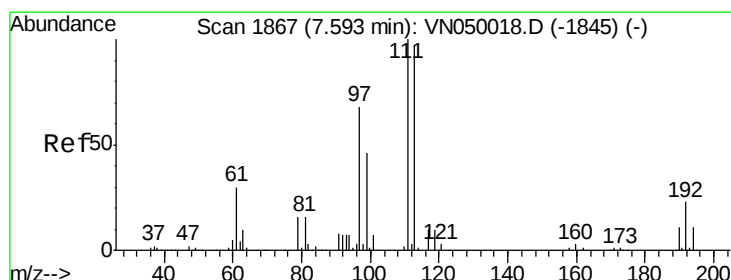
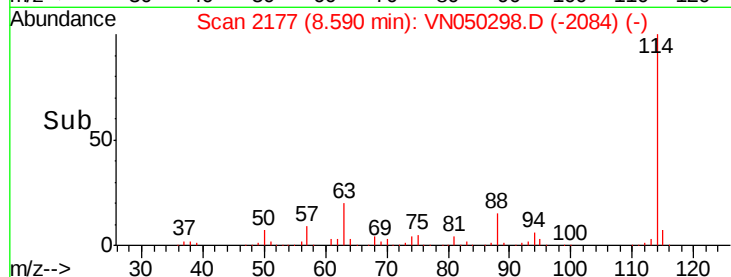
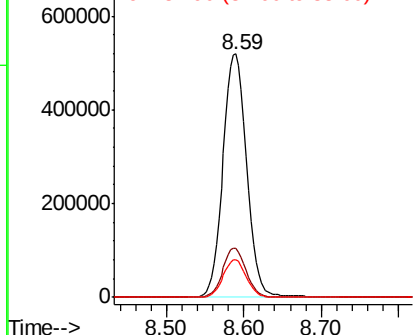
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050298.D
 Acq: 3 Aug 2018 6:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A19R

Tot Ion:114 Resp: 1106766
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 31.2

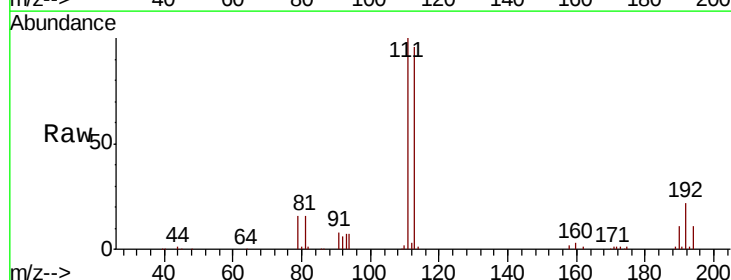


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

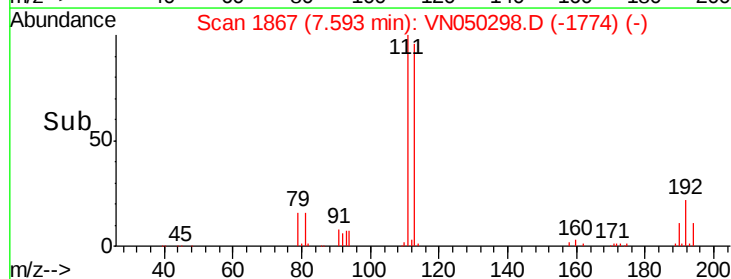
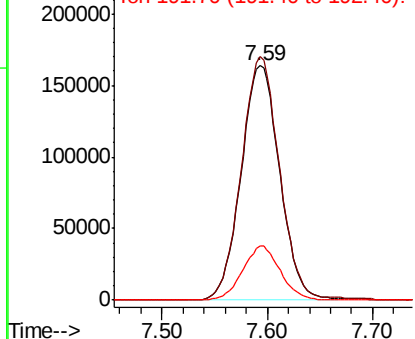


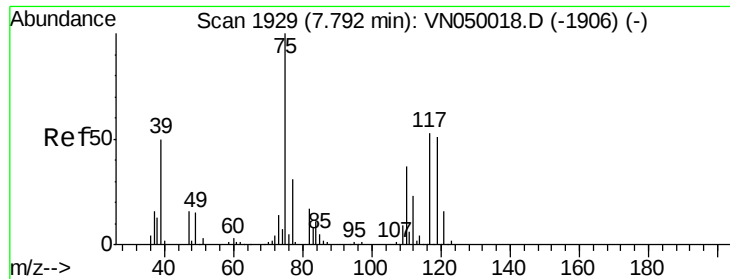
#35
 Dibromofluoromethane
 Concen: 46.27 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050298.D
 Acq: 3 Aug 2018 6:17

Tgt Ion:113 Resp: 418141
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.7 121.1
 192 22.3 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

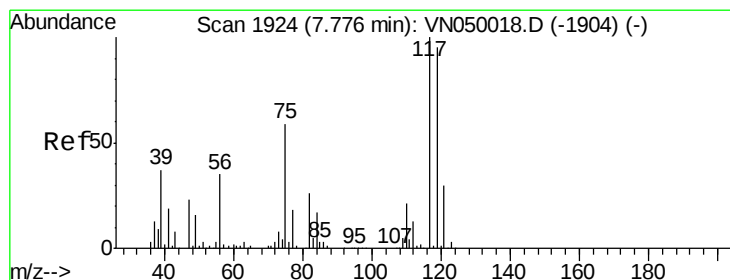
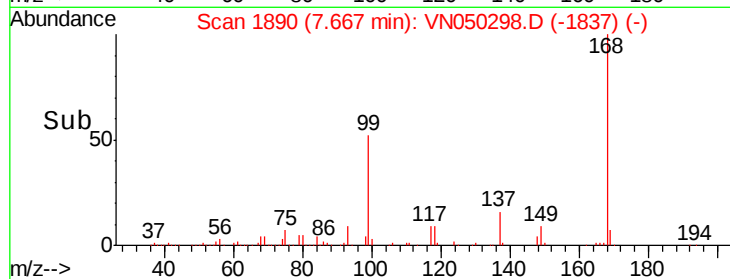
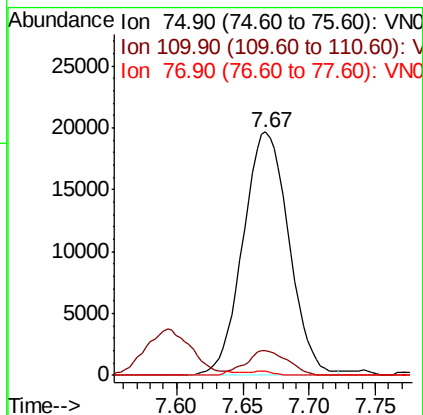
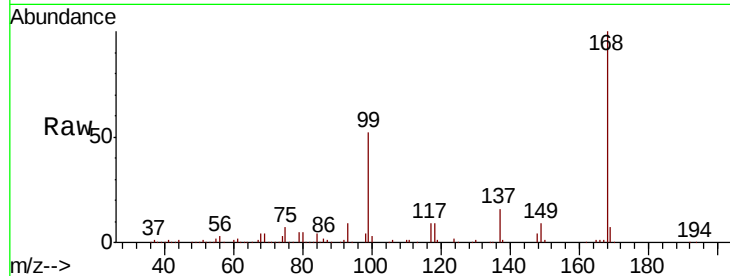




#36
 1,1-Dichloropropene
 Concen: 3.82 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050298.D
 Acq: 3 Aug 2018 6:17

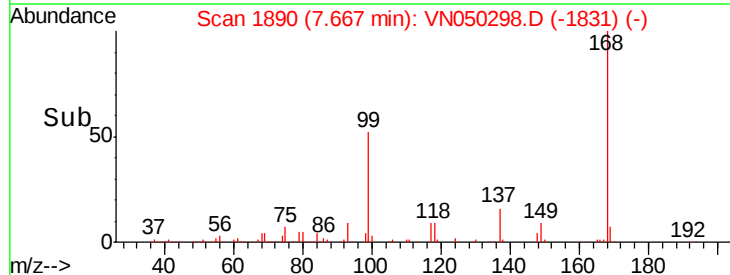
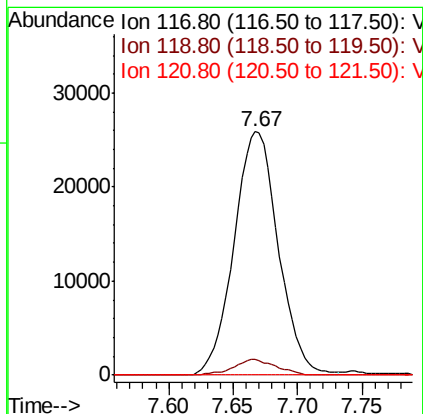
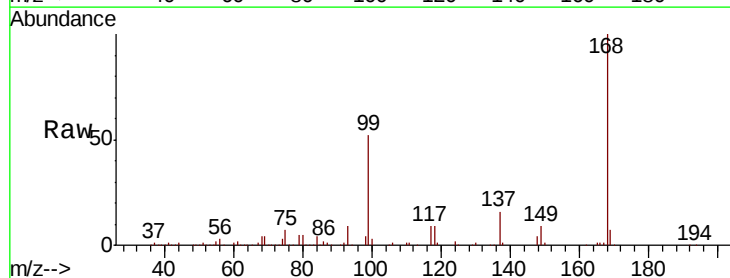
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A19R

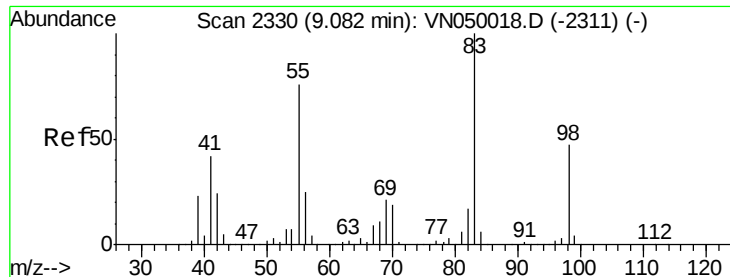
Tot Ion: 75 Resp: 47572
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.68 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050298.D
 Acq: 3 Aug 2018 6:17

Tgt Ion: 117 Resp: 61918
 Ion Ratio Lower Upper
 117 100
 119 6.2 77.4 116.0#
 121 0.0 23.9 35.9#

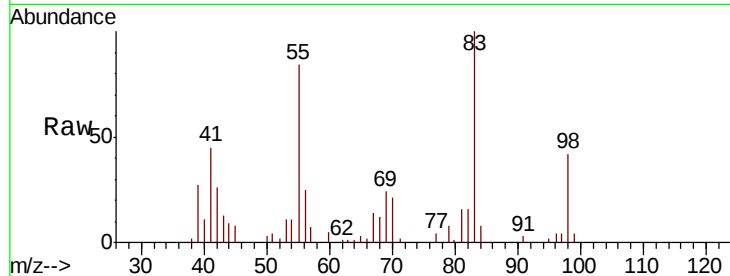




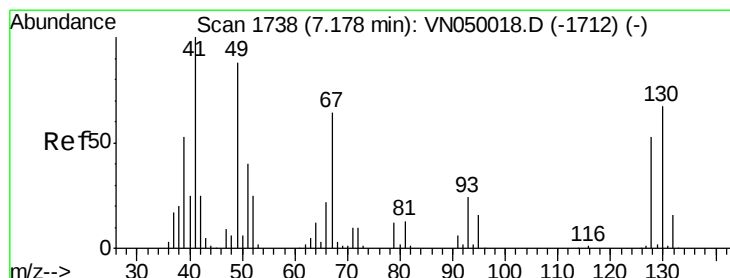
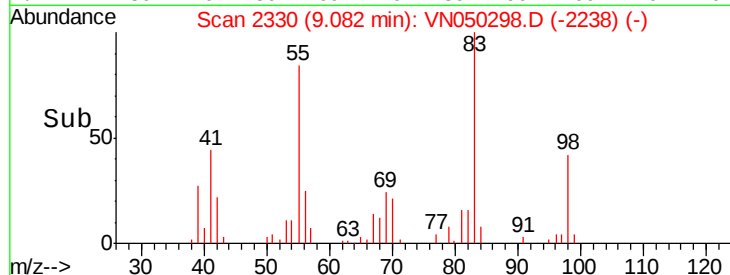
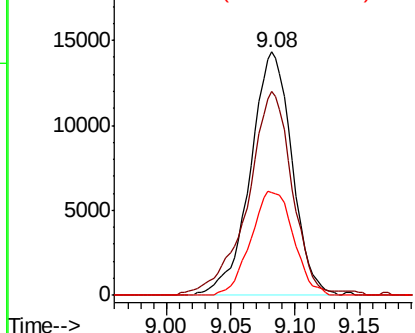
#39
Methvlcvclohexane
Concen: 2.51 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampled :
MW-A19R

Tot Ion: 83 Resp: 32170
Ion Ratio Lower Upper
83 100
55 82.1 61.8 92.8
98 42.2 36.5 54.7

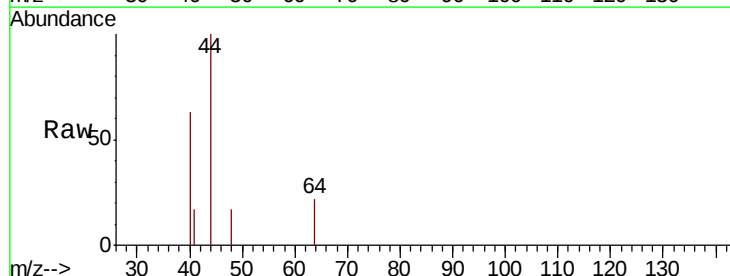


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

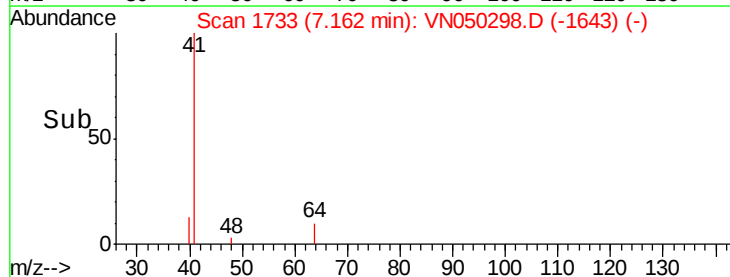
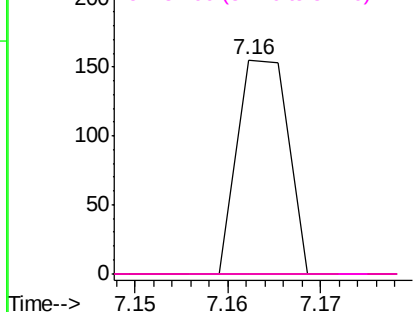


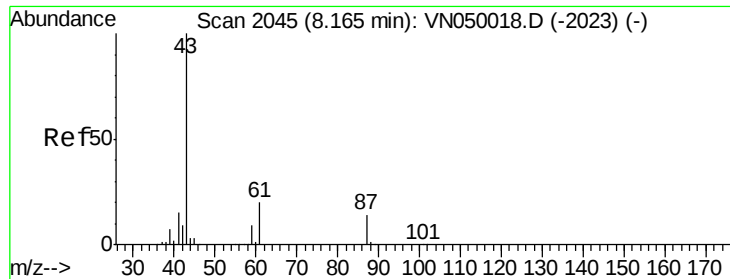
#41
Methacrylonitrile
Concen: 2.76 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. -0.01 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion: 41 Resp: 59
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO



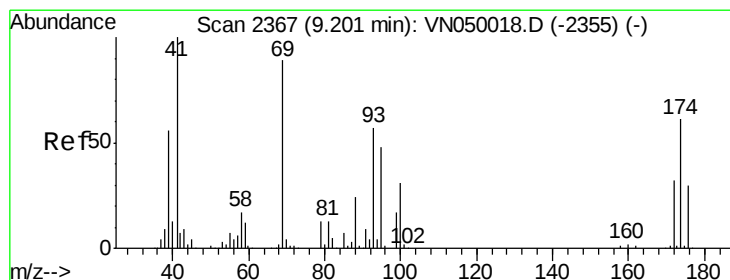
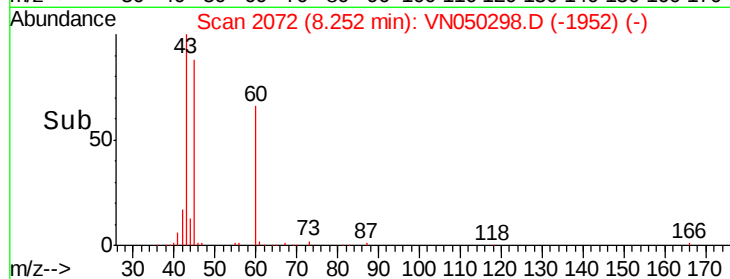
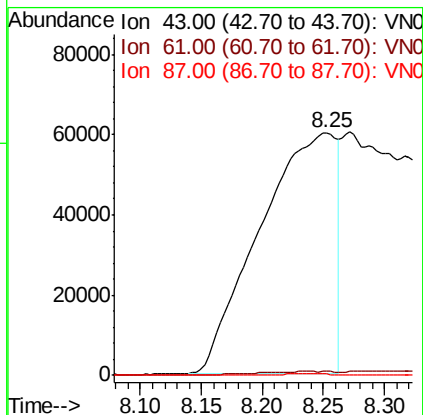
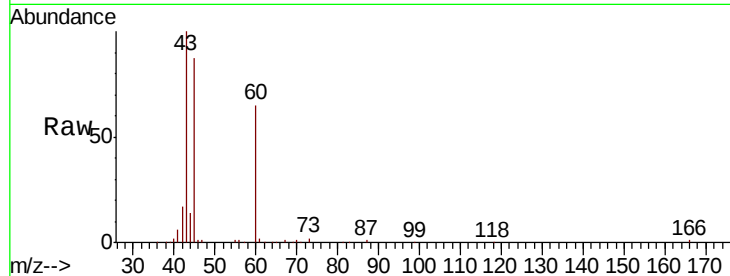


#43

Isopropyl Acetate
 Concen: 15.16 ug/l
 RT: 8.25 min Scan# 2072
 Delta R.T. 0.08 min
 Lab File: VN050298.D
 Acq: 3 Aug 2018 6:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A19R

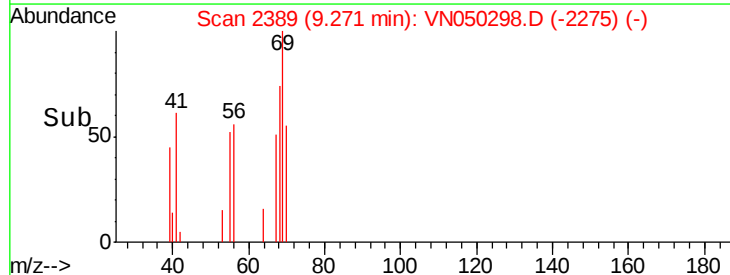
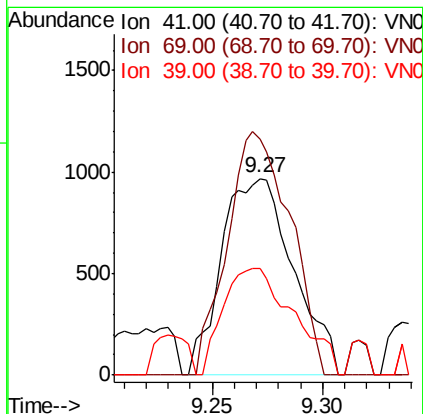
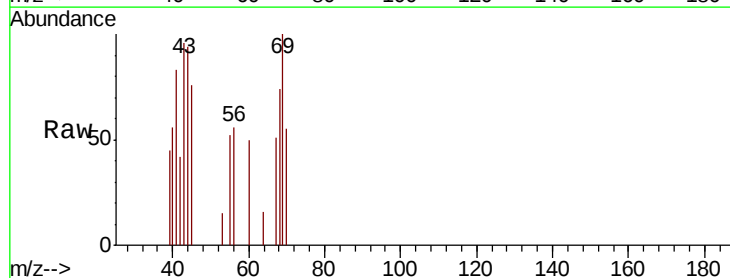
Tot Ion: 43 Resp: 261444
 Ion Ratio Lower Upper
 43 100
 61 1.3 15.8 23.6#
 87 0.4 10.3 15.5#

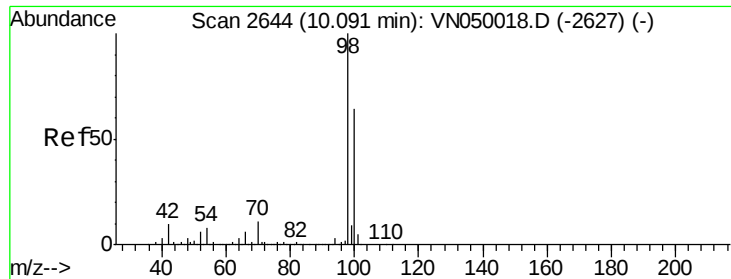


#48

Methyl methacrylate
 Concen: 0.29 ug/l
 RT: 9.27 min Scan# 2389
 Delta R.T. 0.07 min
 Lab File: VN050298.D
 Acq: 3 Aug 2018 6:17

Tgt Ion: 41 Resp: 2187
 Ion Ratio Lower Upper
 41 100
 69 108.4 70.6 105.8#
 39 53.4 43.9 65.9





#50

Toluene-d8

Concen: 45.33 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

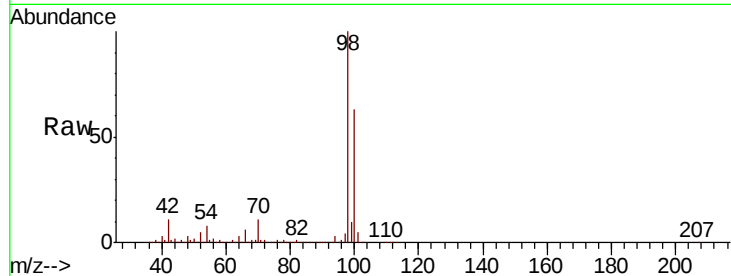
MW-A19R

Tot Ion: 98 Resp: 1506032

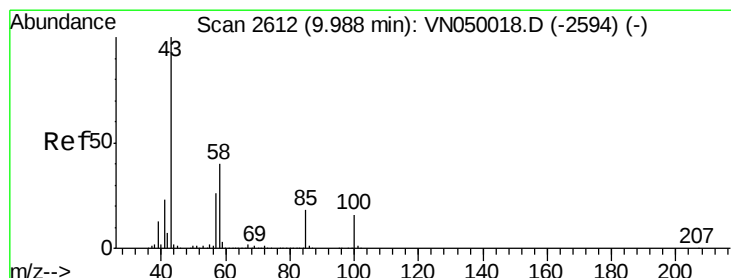
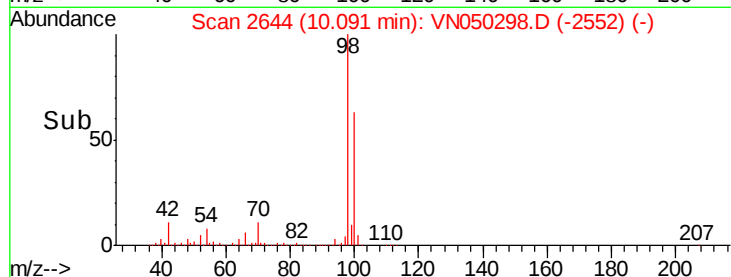
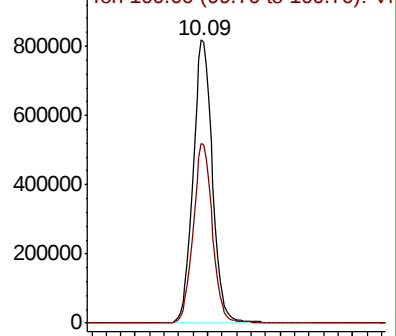
Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.26 ug/l

RT: 9.93 min Scan# 2593

Delta R.T. -0.06 min

Lab File: VN050298.D

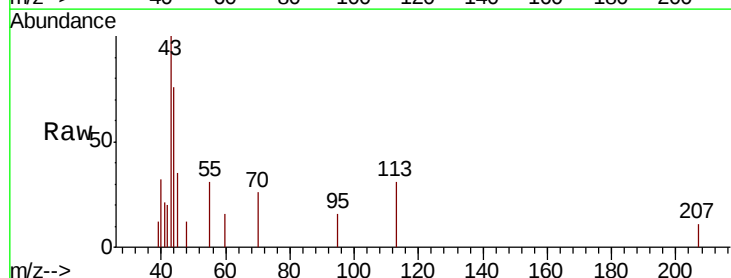
Acq: 3 Aug 2018 6:17

Tgt Ion: 43 Resp: 2251

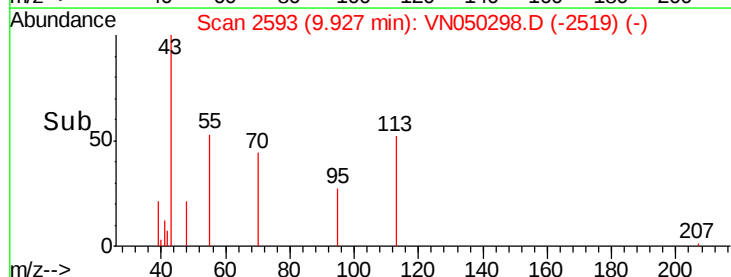
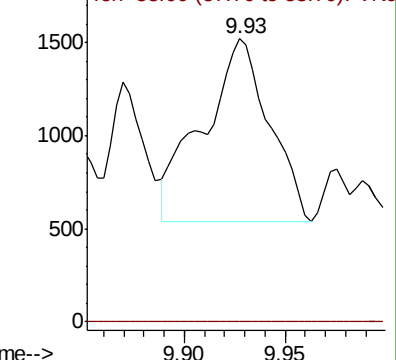
Ion Ratio Lower Upper

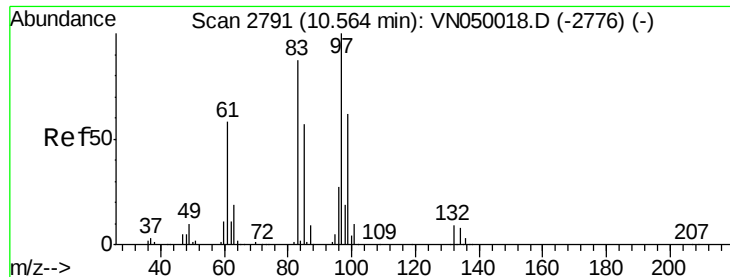
43 100

58 0.0 31.9 47.9#



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





#55

1,1,2-Trichloroethane

Concen: 1.74 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

MW-A19R

Tot Ion: 97 Resp: 15462

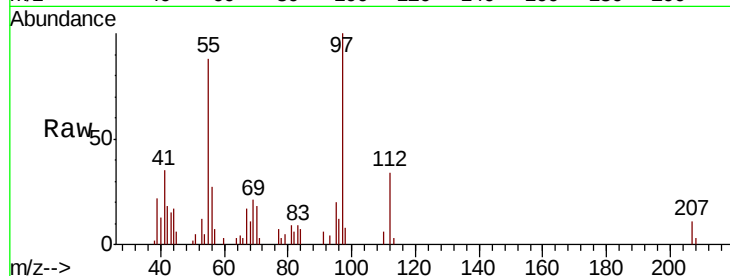
Ion Ratio Lower Upper

97 100

83 9.0 69.2 103.8#

85 0.0 44.0 66.0#

99 0.0 49.9 74.9#

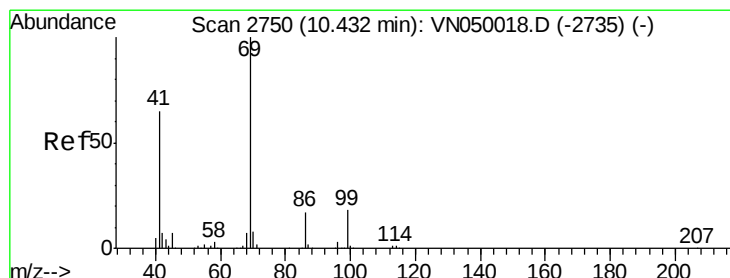
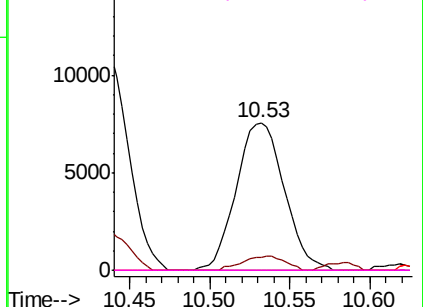
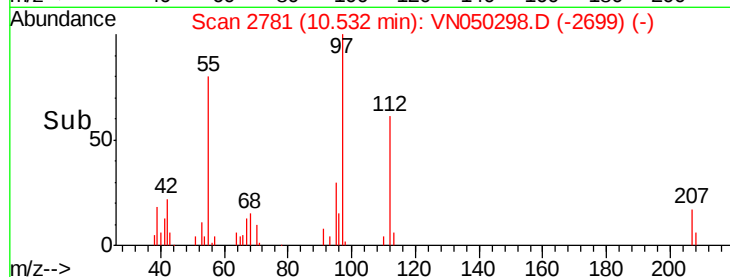


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 2.69 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

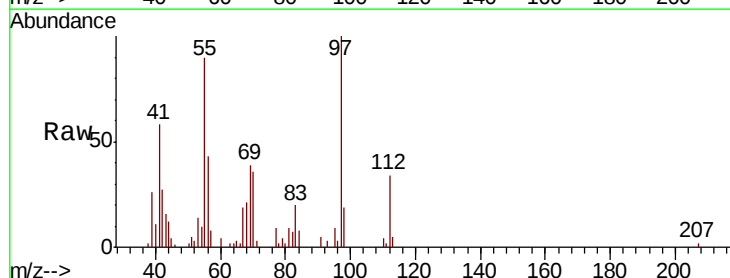
Tgt Ion: 69 Resp: 8334

Ion Ratio Lower Upper

69 100

41 141.4 51.0 76.4#

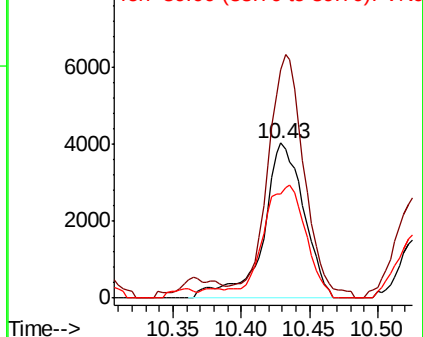
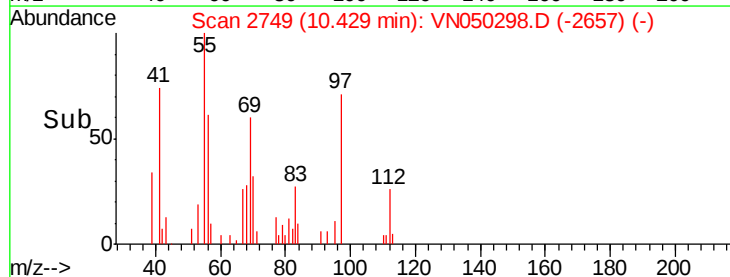
39 75.6 26.6 40.0#

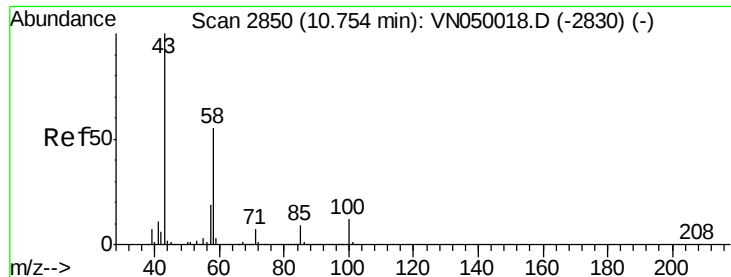


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#59

2-Hexanone

Concen: 5.23 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

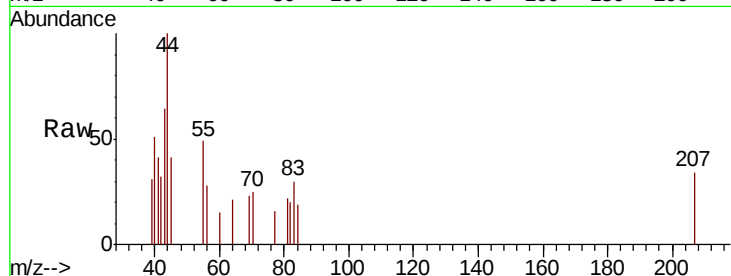
MW-A19R

Tot Ion: 43 Resp: 356

Ion Ratio Lower Upper

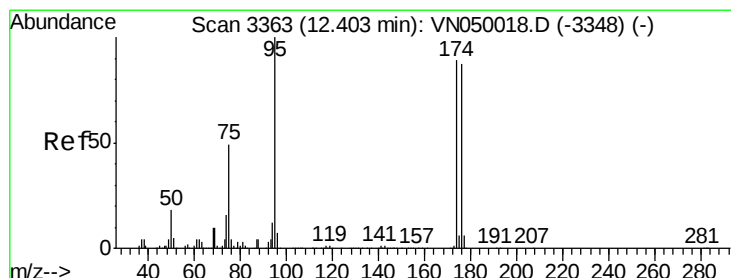
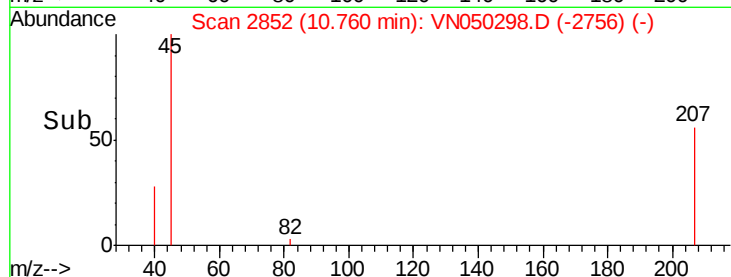
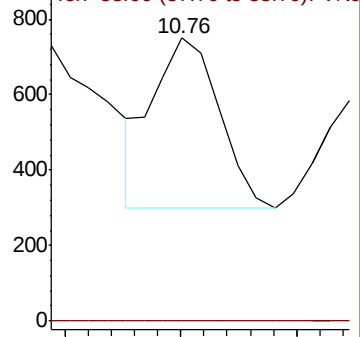
43 100

58 0.0 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: 42.39 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

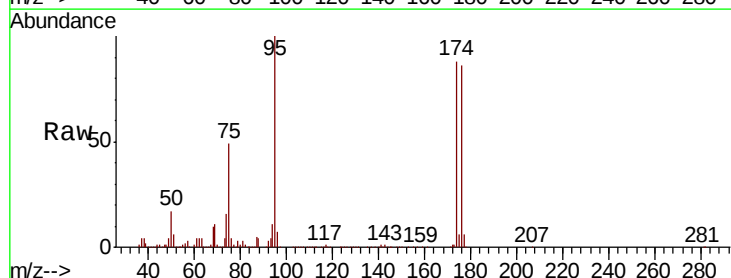
Tgt Ion: 95 Resp: 463719

Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.2

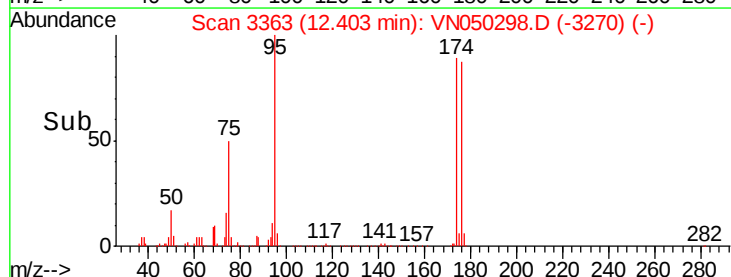
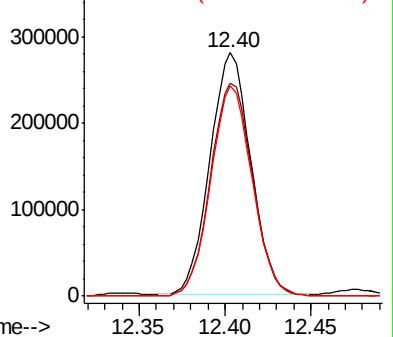
176 87.8 0.0 173.4

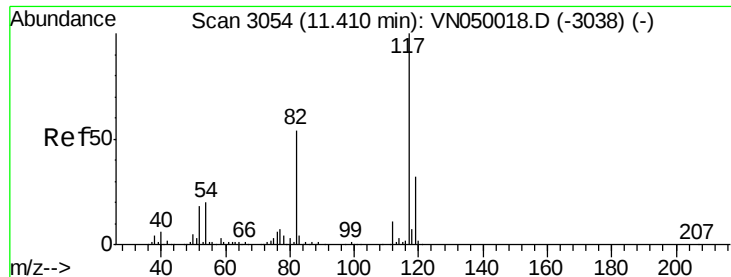


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

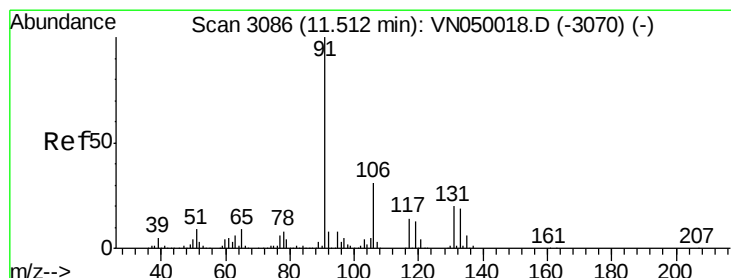
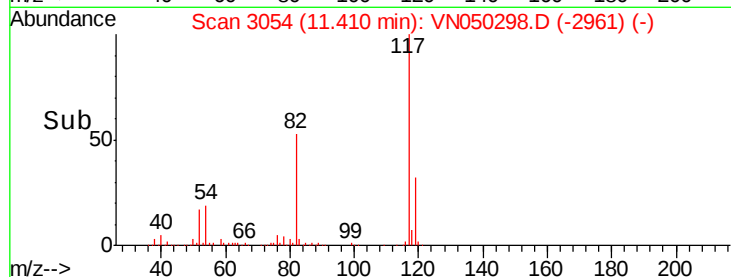
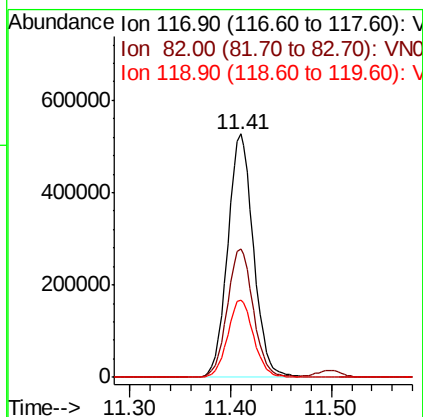
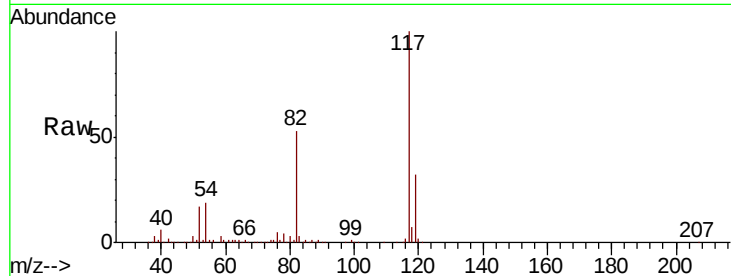




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

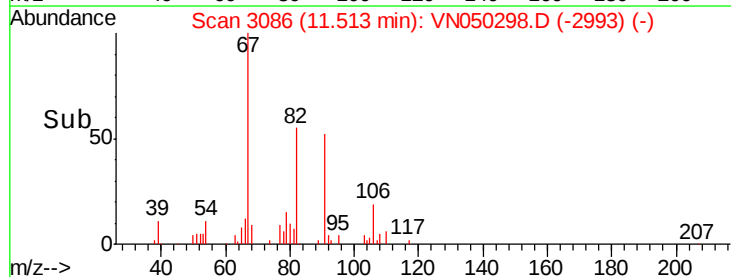
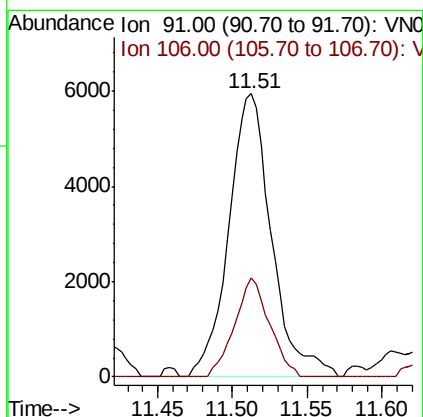
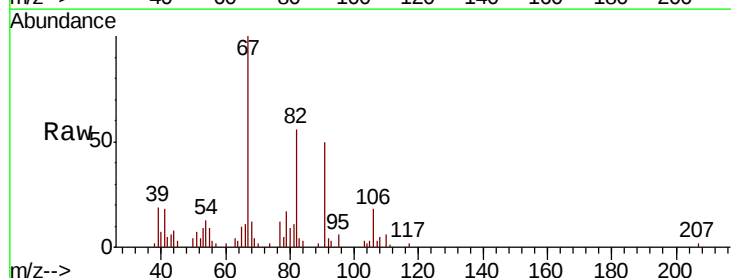
Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

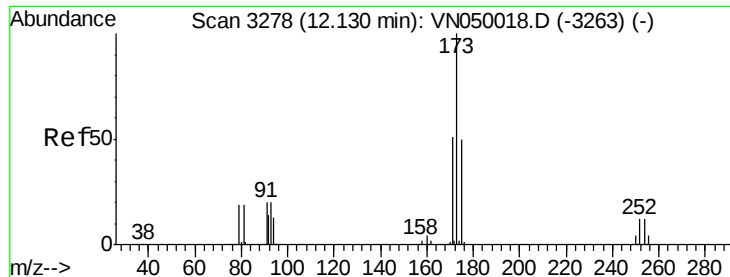
Tot Ion:117 Resp: 935366
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 31.8 26.1 39.1



#67
Ethyl Benzene
Concen: 0.31 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion: 91 Resp: 11831
Ion Ratio Lower Upper
91 100
106 34.8 25.0 37.4





#71

Bromoform

Concen: 0.58 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

MW-A19R

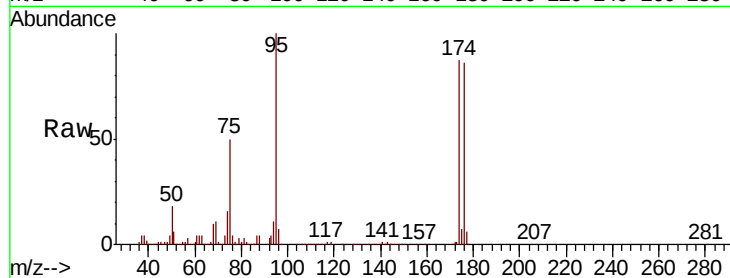
Tot Ion:173 Resp: 3809

Ion Ratio Lower Upper

173 100

175 720.8 24.1 72.2#

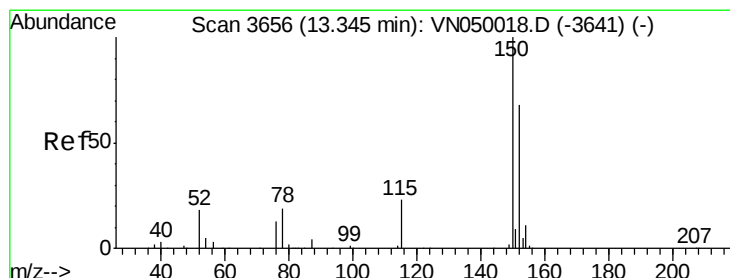
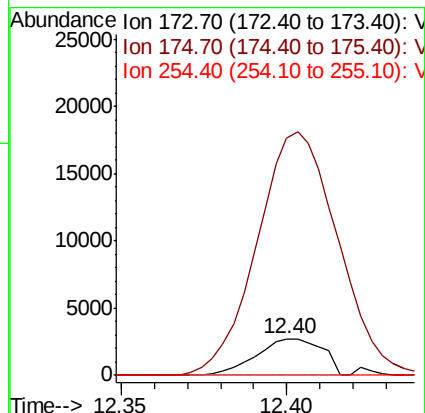
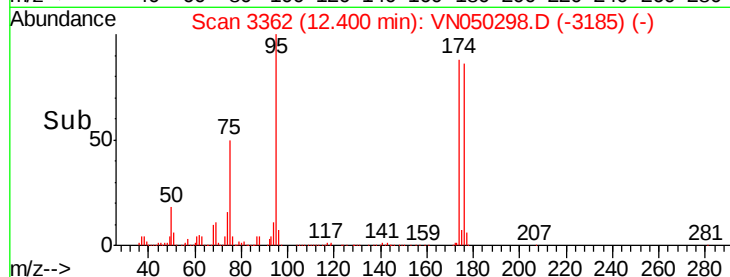
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

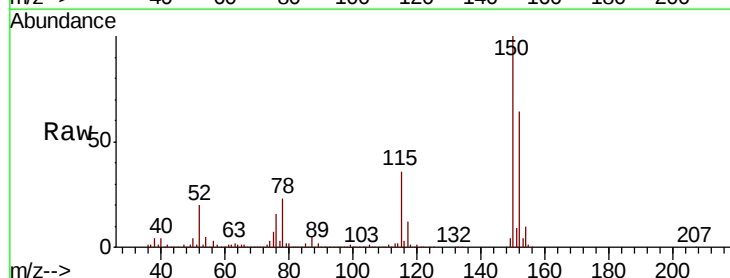
Tgt Ion:152 Resp: 413277

Ion Ratio Lower Upper

152 100

115 60.4 27.8 83.3

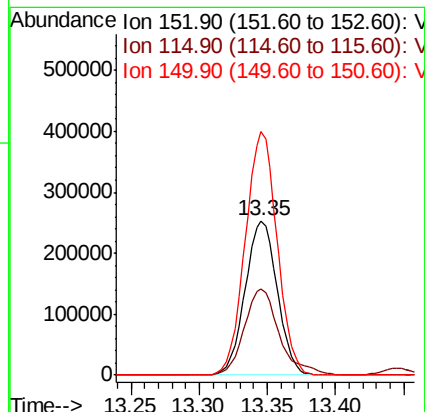
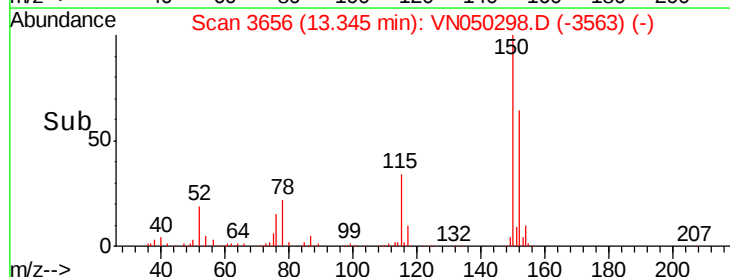
150 156.5 0.0 348.6

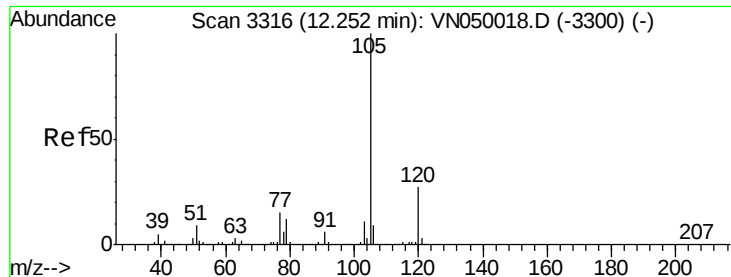


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.62 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

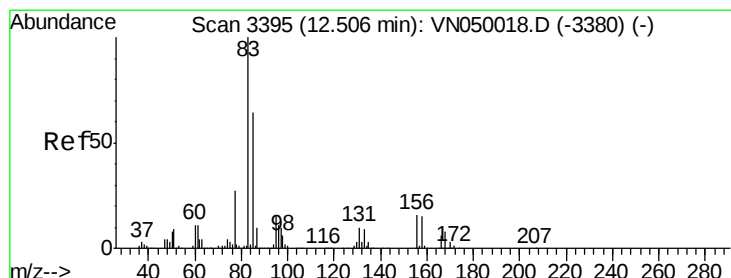
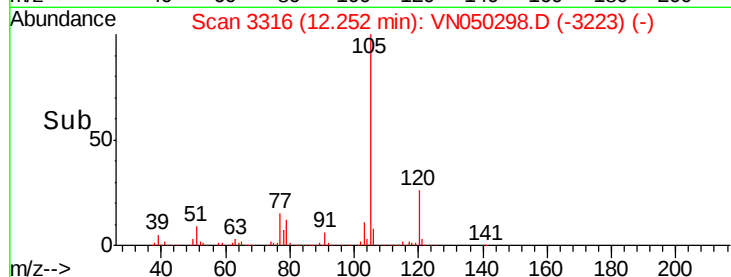
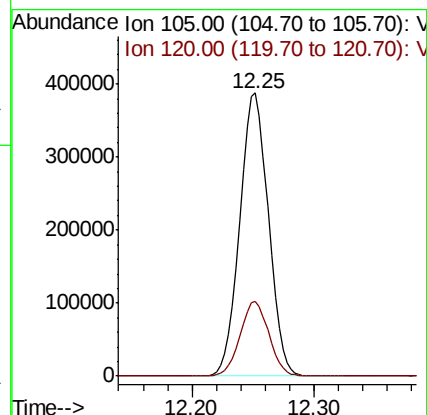
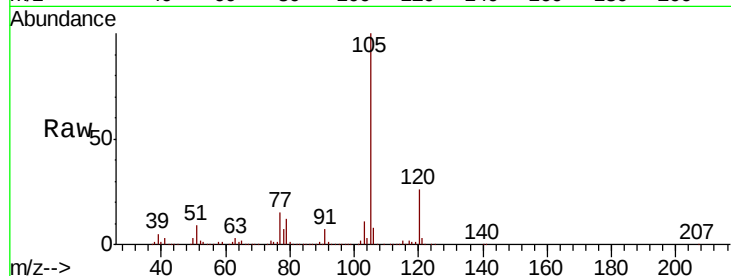
MW-A19R

Tot Ion:105 Resp: 628983

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.46 min Scan# 3382

Delta R.T. -0.04 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

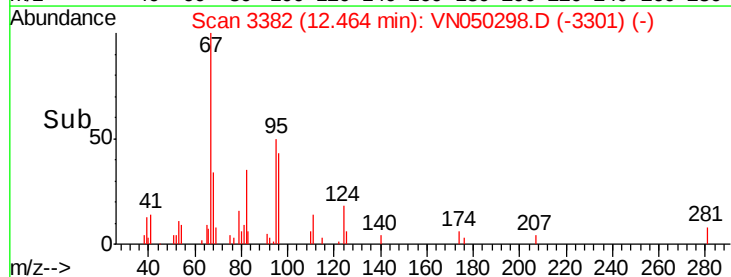
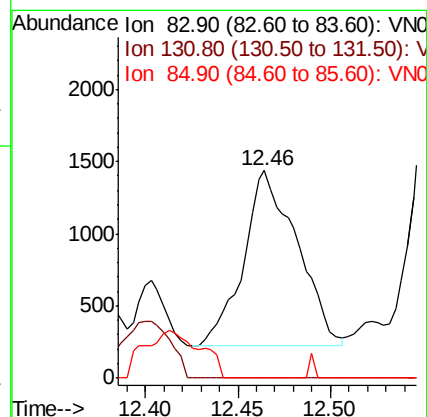
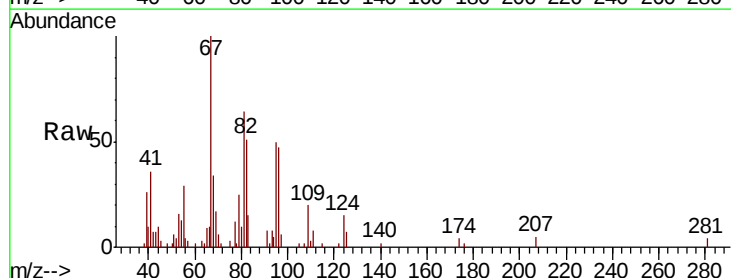
Tgt Ion: 83 Resp: 2450

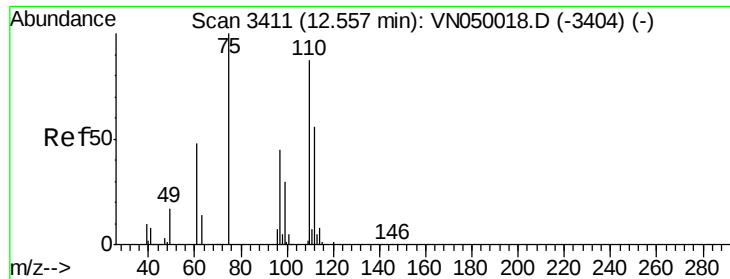
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 29.83 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

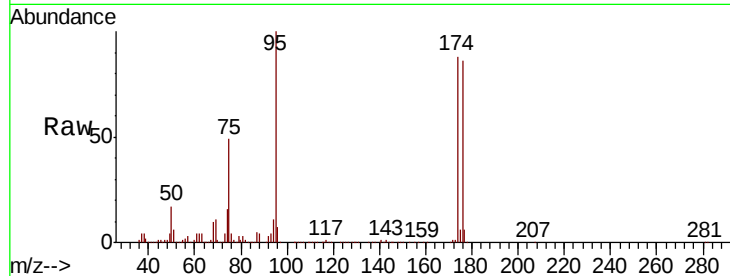
MW-A19R

Tot Ion: 75 Resp: 229102

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

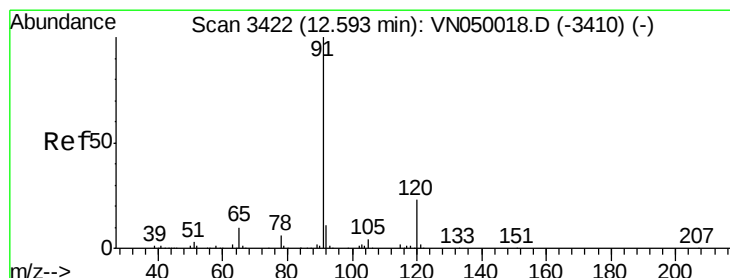
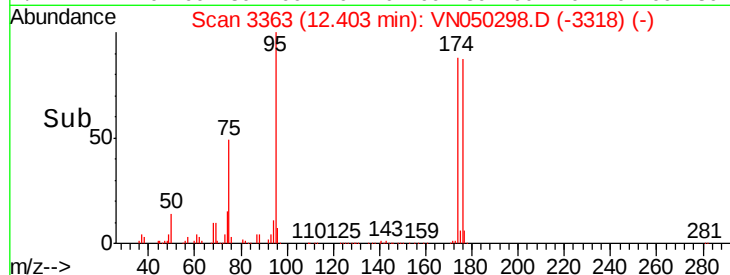
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 26.36 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050298.D

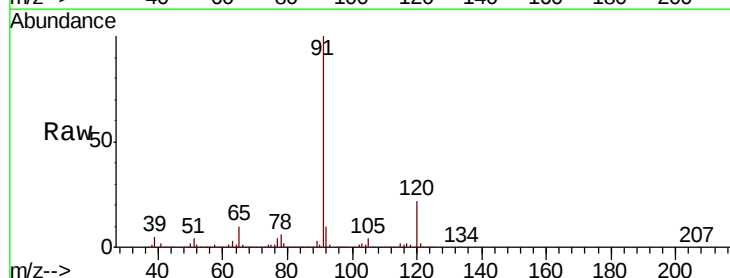
Acq: 3 Aug 2018 6:17

Tgt Ion: 91 Resp: 944187

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

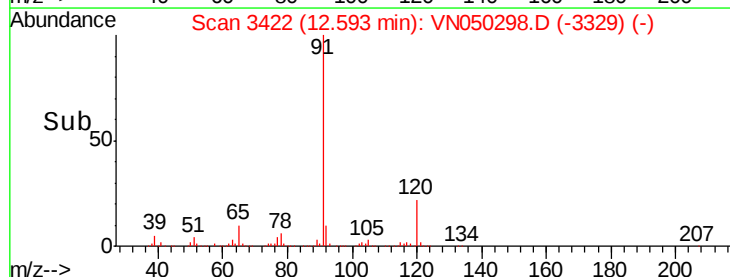
600000

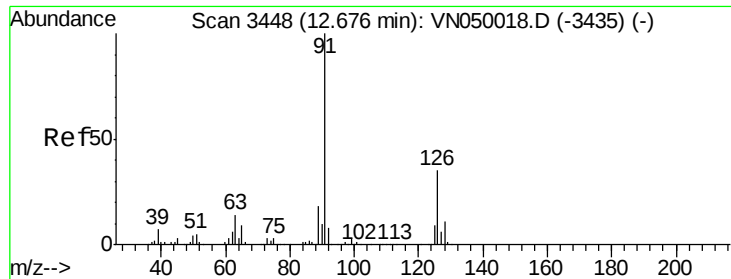
400000

200000

0

Time-->





#79

2-Chlorotoluene

Concen: 1.41 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.06 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampled :

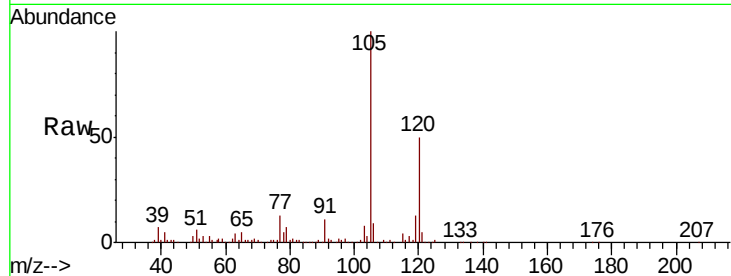
MW-A19R

Tot Ion: 91 Resp: 31250

Ion Ratio Lower Upper

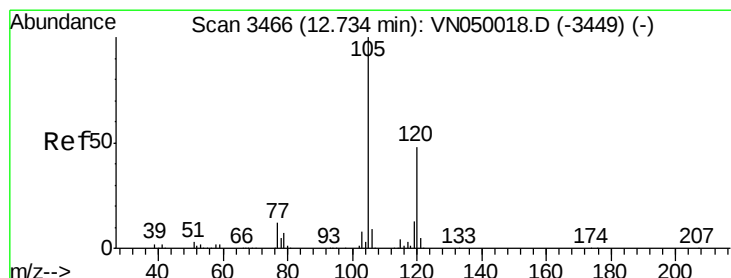
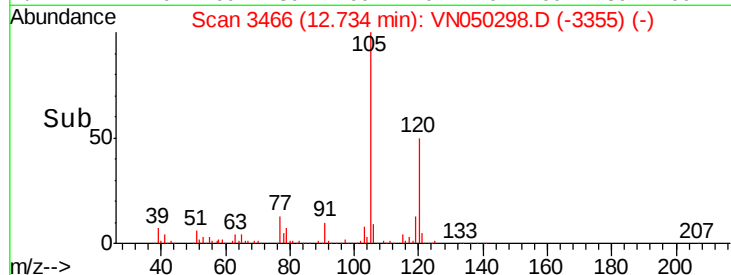
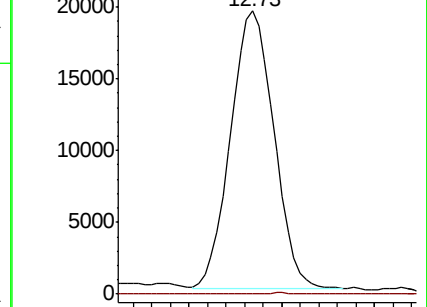
91 100

126 0.2 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN050018.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 12.13 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050298.D

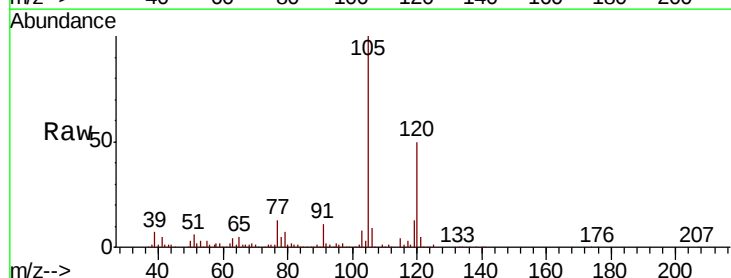
Acq: 3 Aug 2018 6:17

Tgt Ion:105 Resp: 305752

Ion Ratio Lower Upper

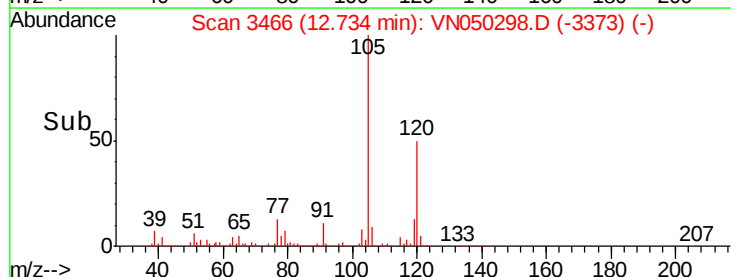
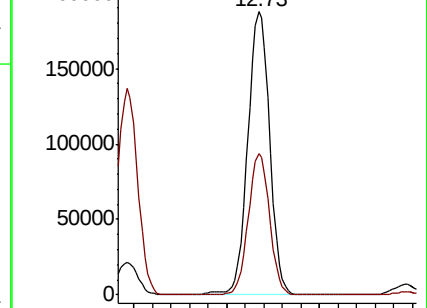
105 100

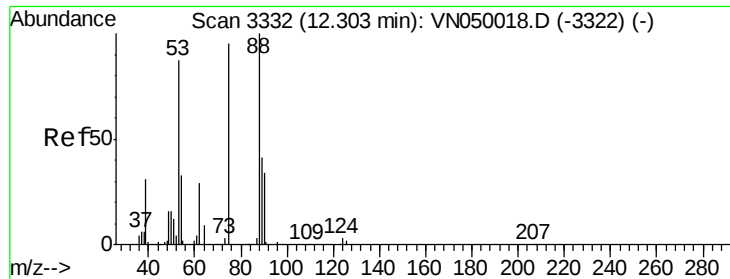
120 49.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050018.D (-3449) (-)

Ion 120.00 (119.70 to 120.70): VN050018.D (-3449) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 94.61 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

MW-A19R

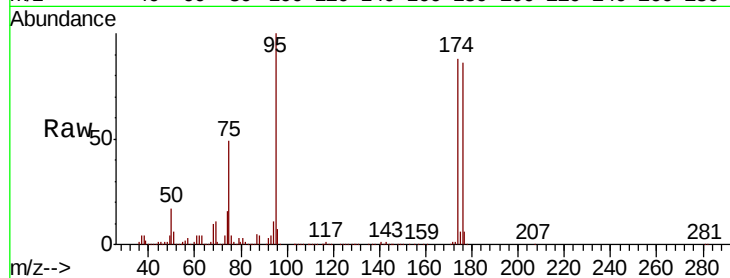
Tot Ion: 75 Resp: 229102

Ion Ratio Lower Upper

75 100

53 0.4 73.5 110.3#

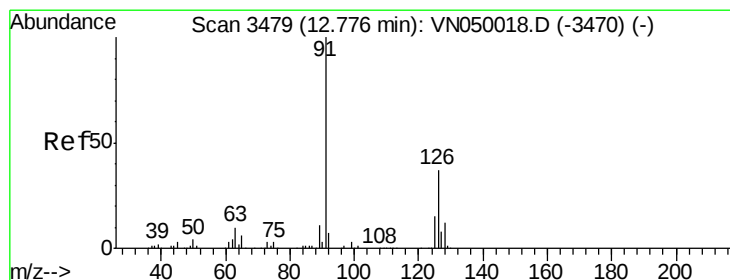
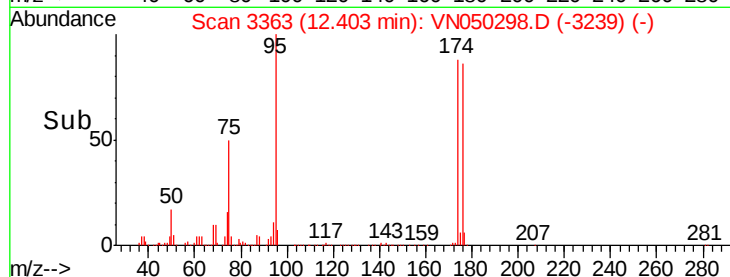
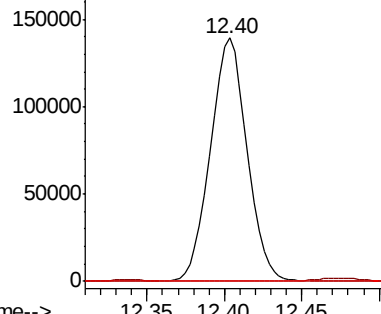
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.42 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN050298.D

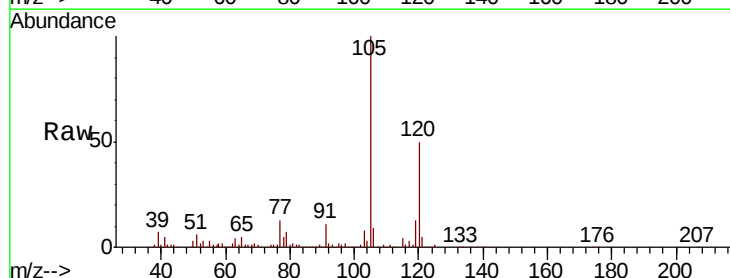
Acq: 3 Aug 2018 6:17

Tgt Ion: 91 Resp: 31250

Ion Ratio Lower Upper

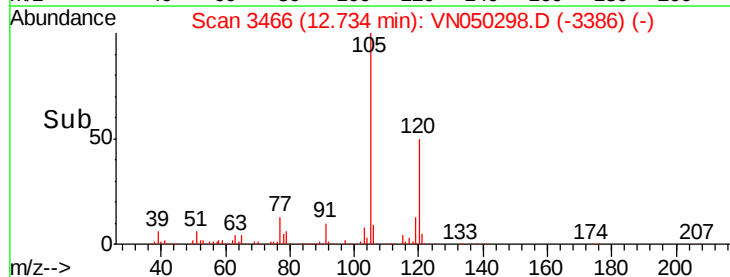
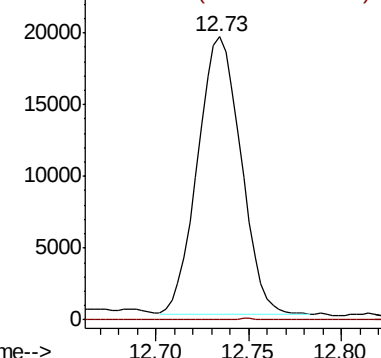
91 100

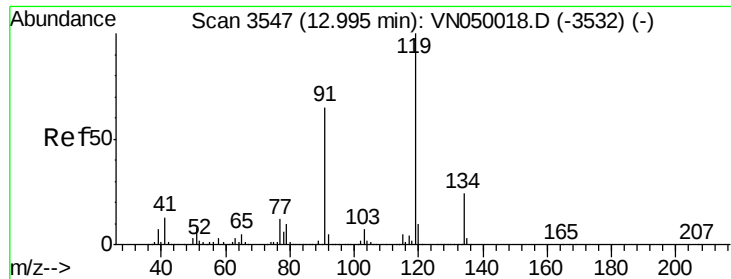
126 0.2 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

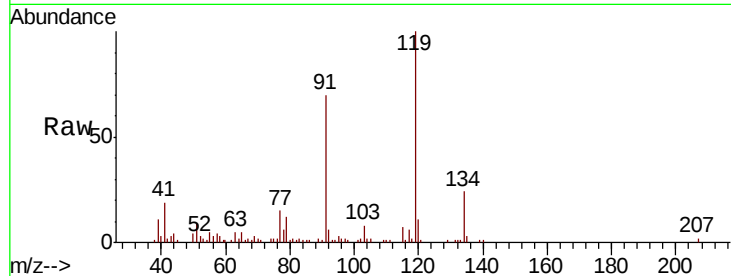




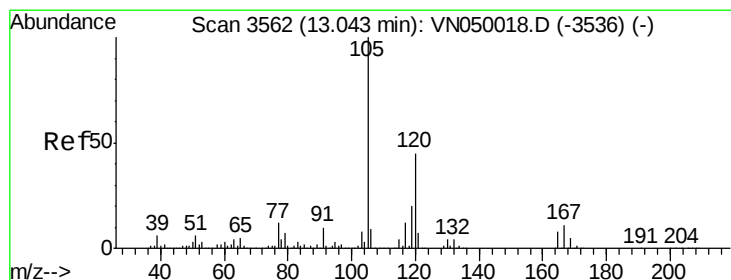
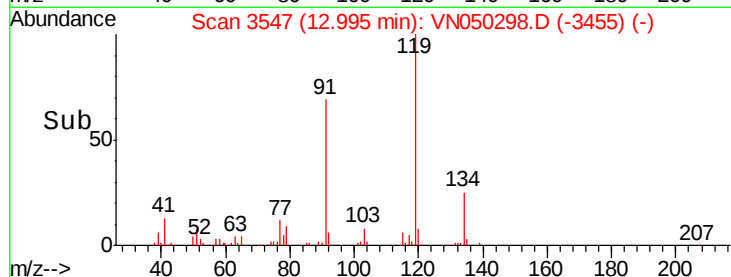
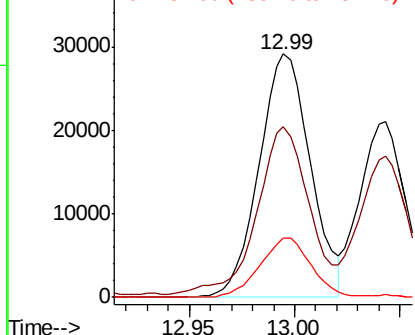
#83
tert-Butylbenzene
Concen: 2.25 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

Tot Ion:119 Resp: 49417
Ion Ratio Lower Upper
119 100
91 67.5 32.1 96.3
134 24.2 13.2 39.5

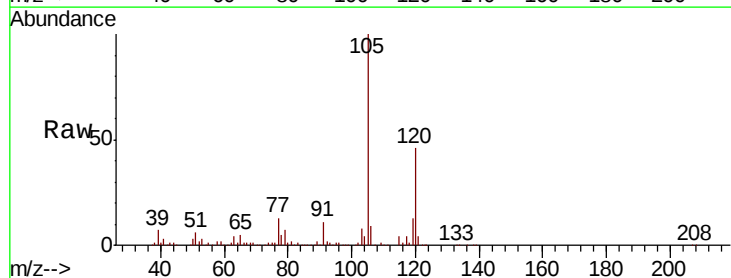


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

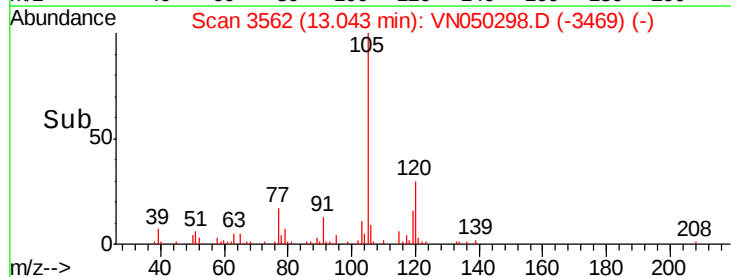
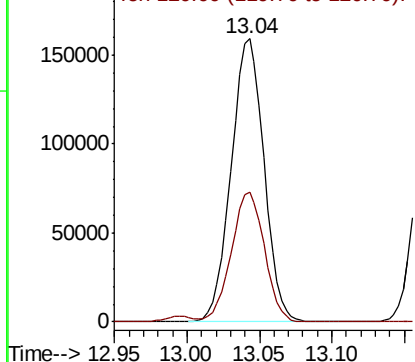


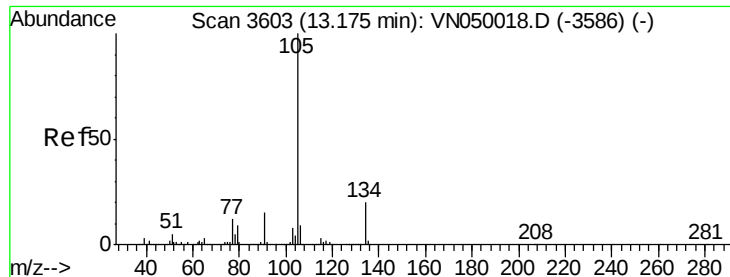
#84
1,2,4-Trimethylbenzene
Concen: 9.79 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion:105 Resp: 248742
Ion Ratio Lower Upper
105 100
120 46.4 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: 14.93 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

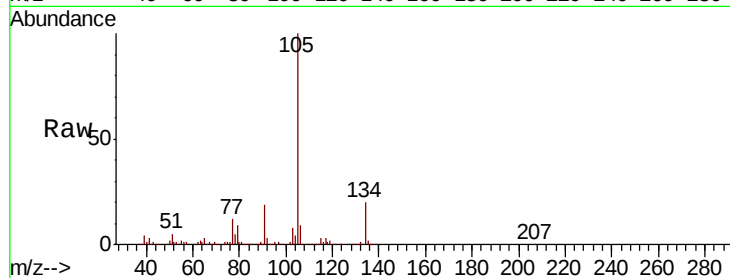
MW-A19R

Tot Ion:105 Resp: 438896

Ion Ratio Lower Upper

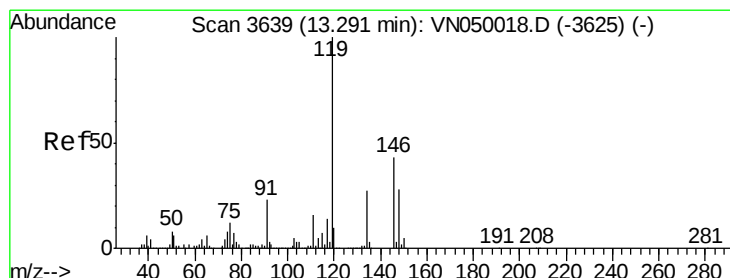
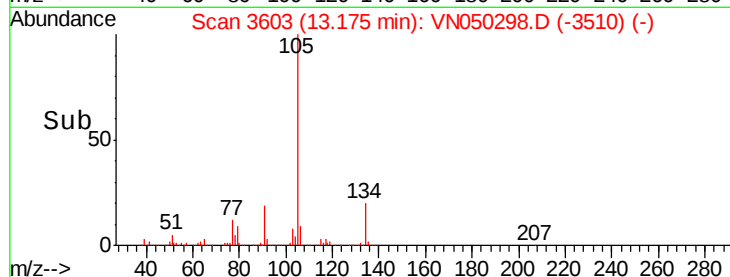
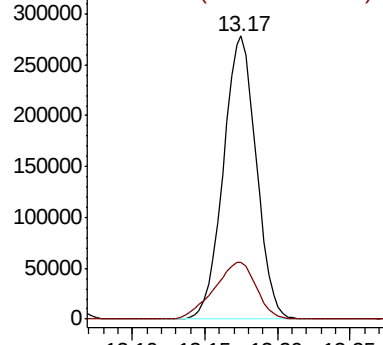
105 100

134 25.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 7.61 ug/l

RT: 13.44 min Scan# 3687

Delta R.T. 0.15 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

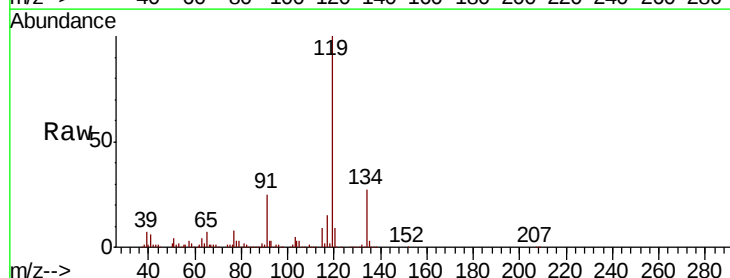
Tgt Ion:119 Resp: 188612

Ion Ratio Lower Upper

119 100

134 28.5 13.3 39.8

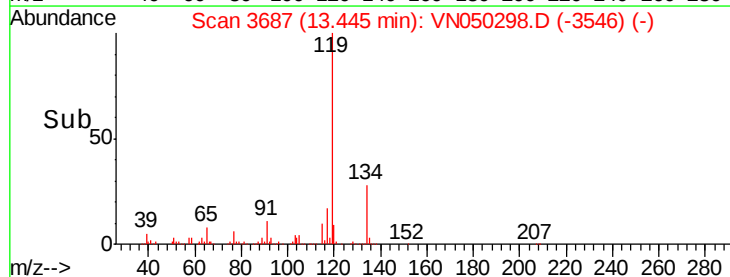
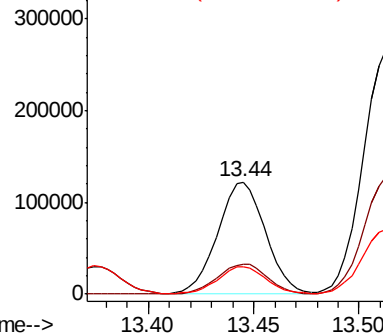
91 23.6 11.4 34.2

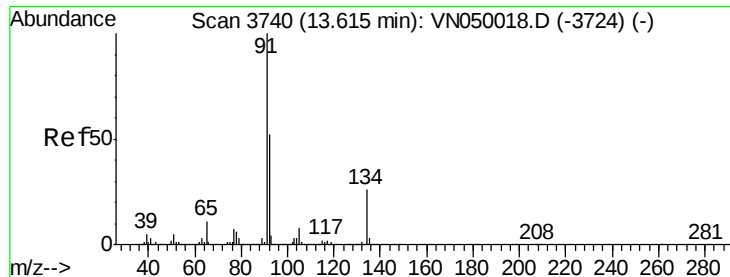


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

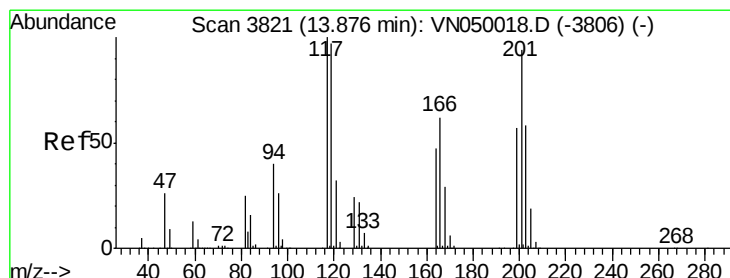
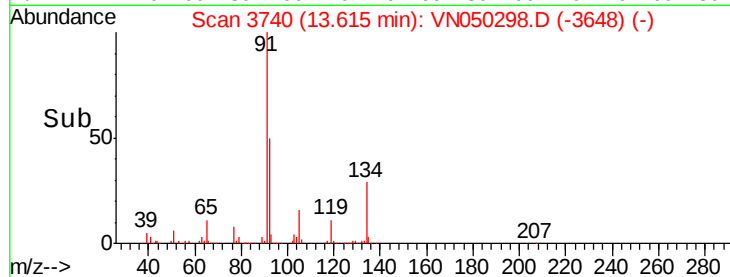
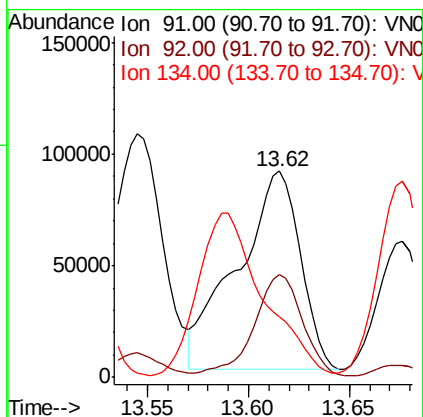
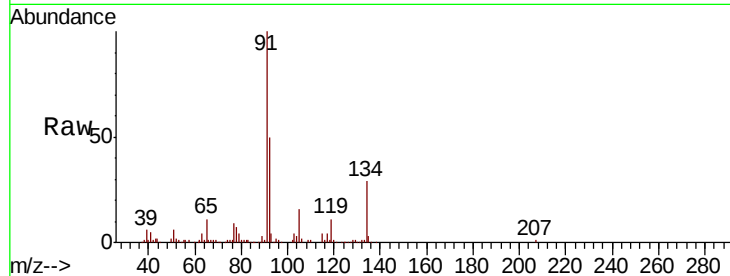




#89
n-Butylbenzene
Concen: 9.53 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

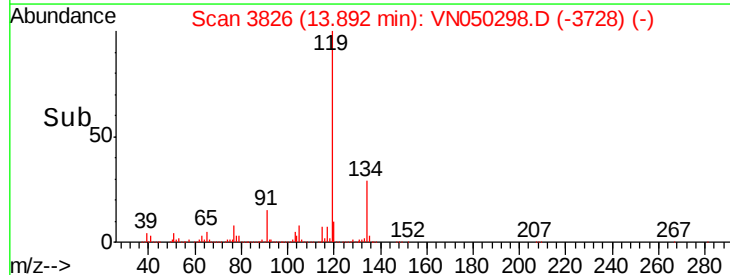
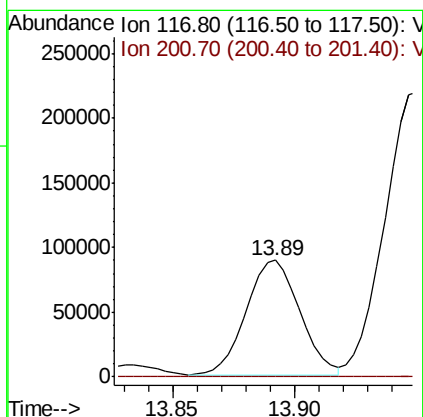
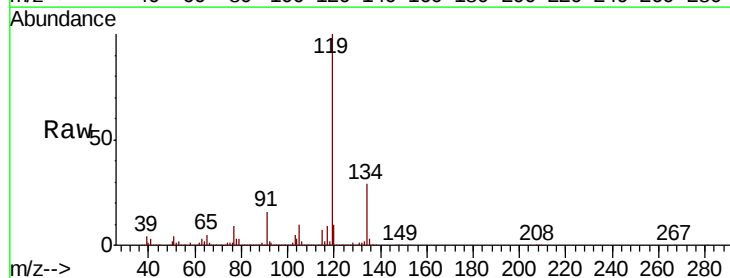
Instrument :
MSVOA_N
ClientSampled :
MW-A19R

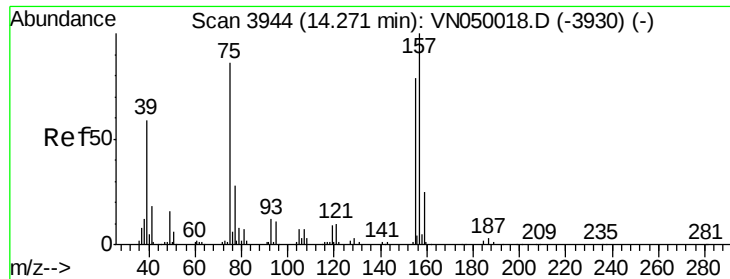
Tot Ion: 91 Resp: 194073
Ion Ratio Lower Upper
91 100
92 39.3 25.8 77.4
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 24.40 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion: 117 Resp: 134225
Ion Ratio Lower Upper
117 100
201 0.0 45.6 136.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.28 ug/l

RT: 14.25 min Scan# 3938

Delta R.T. -0.02 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampled :

MW-A19R

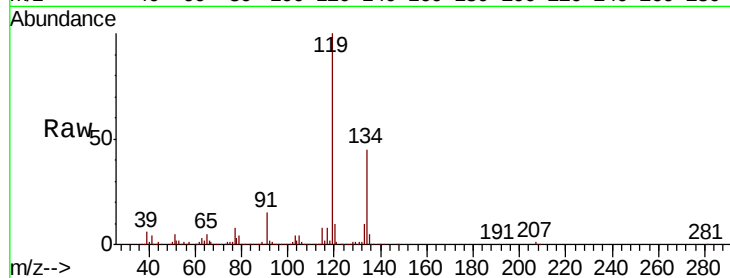
Tot Ion: 75 Resp: 2954

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

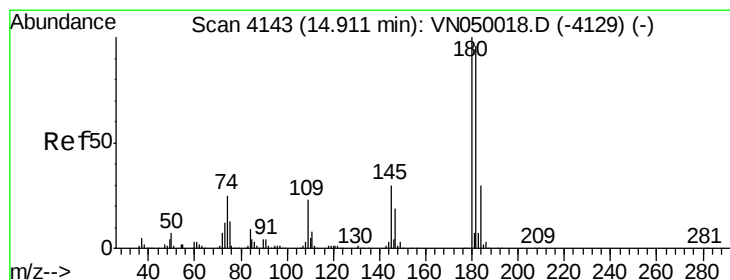
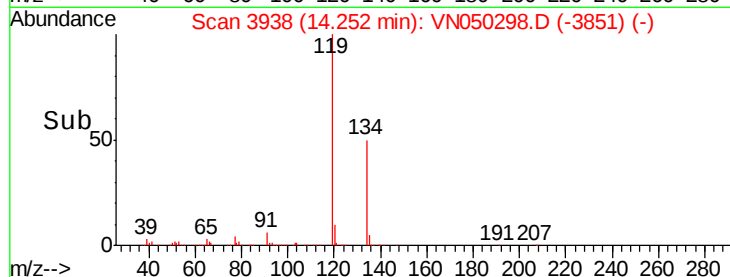
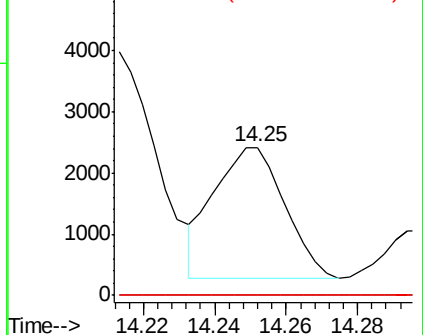
157 0.0 57.2 171.6#



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: 3.10 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

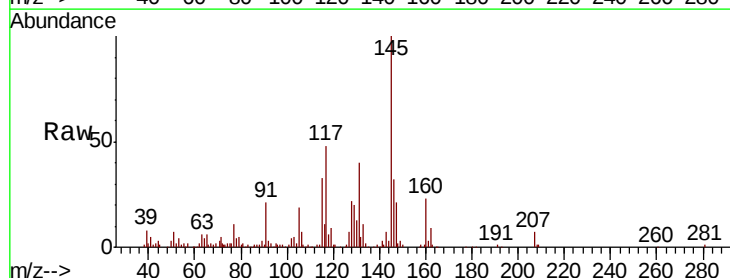
Tgt Ion: 180 Resp: 96

Ion Ratio Lower Upper

180 100

182 178.1 46.7 140.1#

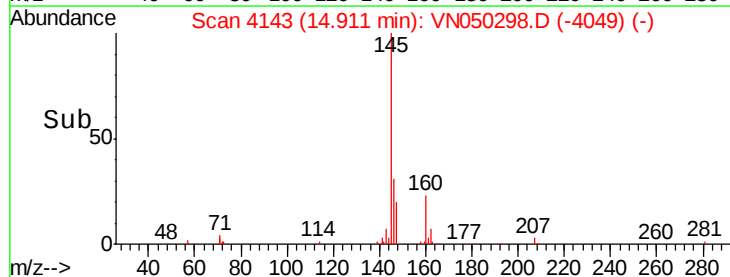
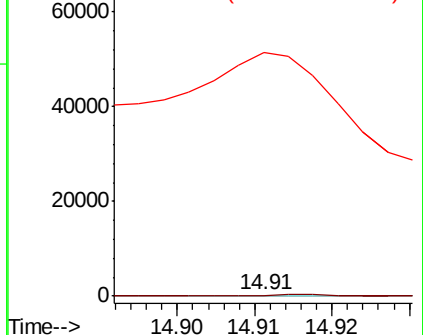
145 132445.8 13.8 41.4#

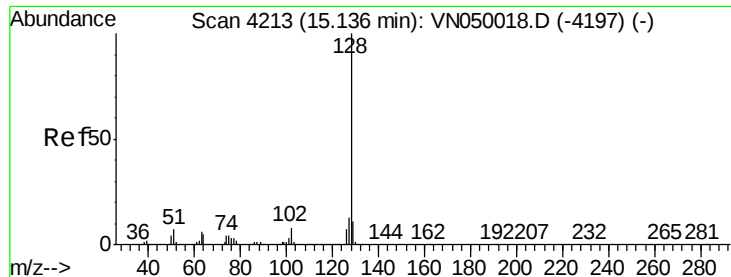


Abundance Ion 179.80 (179.50 to 180.50): VN050018.D (-4129) (-)

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

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

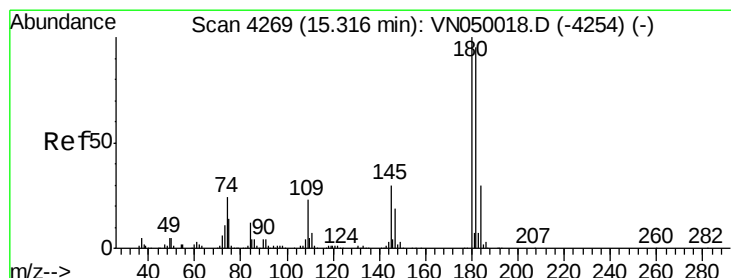
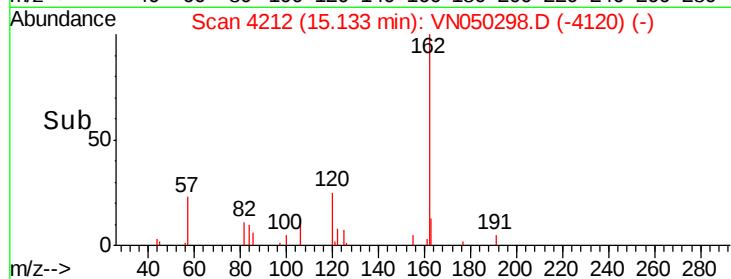
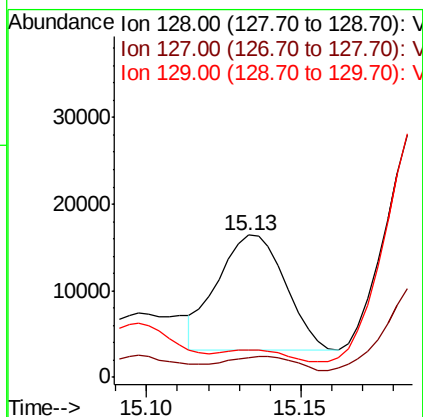
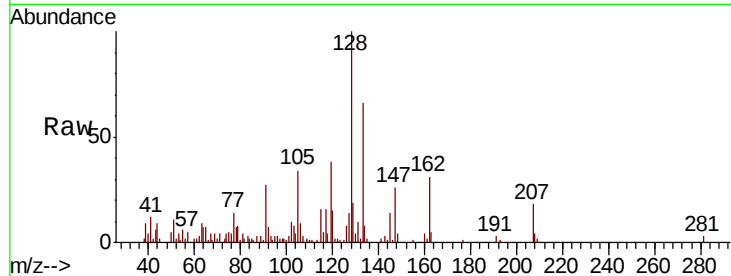




#95
Naphthalene
Concen: 5.39 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

Tot Ion:128 Resp: 20262
Ion Ratio Lower Upper
128 100
127 11.3 10.4 15.6
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 2.21 ug/l
RT: 15.31 min Scan# 4266
Delta R.T. -0.01 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion:180 Resp: 72
Ion Ratio Lower Upper
180 100
182 0.0 48.1 144.4#
145 152936.1 15.3 45.9#

