

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050296.D
 Acq On : 3 Aug 2018 5:27
 Operator : MD\SY
 Sample : J4303-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A05

Quant Time: Aug 03 07:01:34 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	673007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1105164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	939716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	396951	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	470485	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
35) Dibromofluoromethane	7.59	113	427077	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
50) Toluene-d8	10.09	98	1505770	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.40	95	454416	41.60	ug/l	0.00
Spiked Amount			Recovery	=	83.20%	

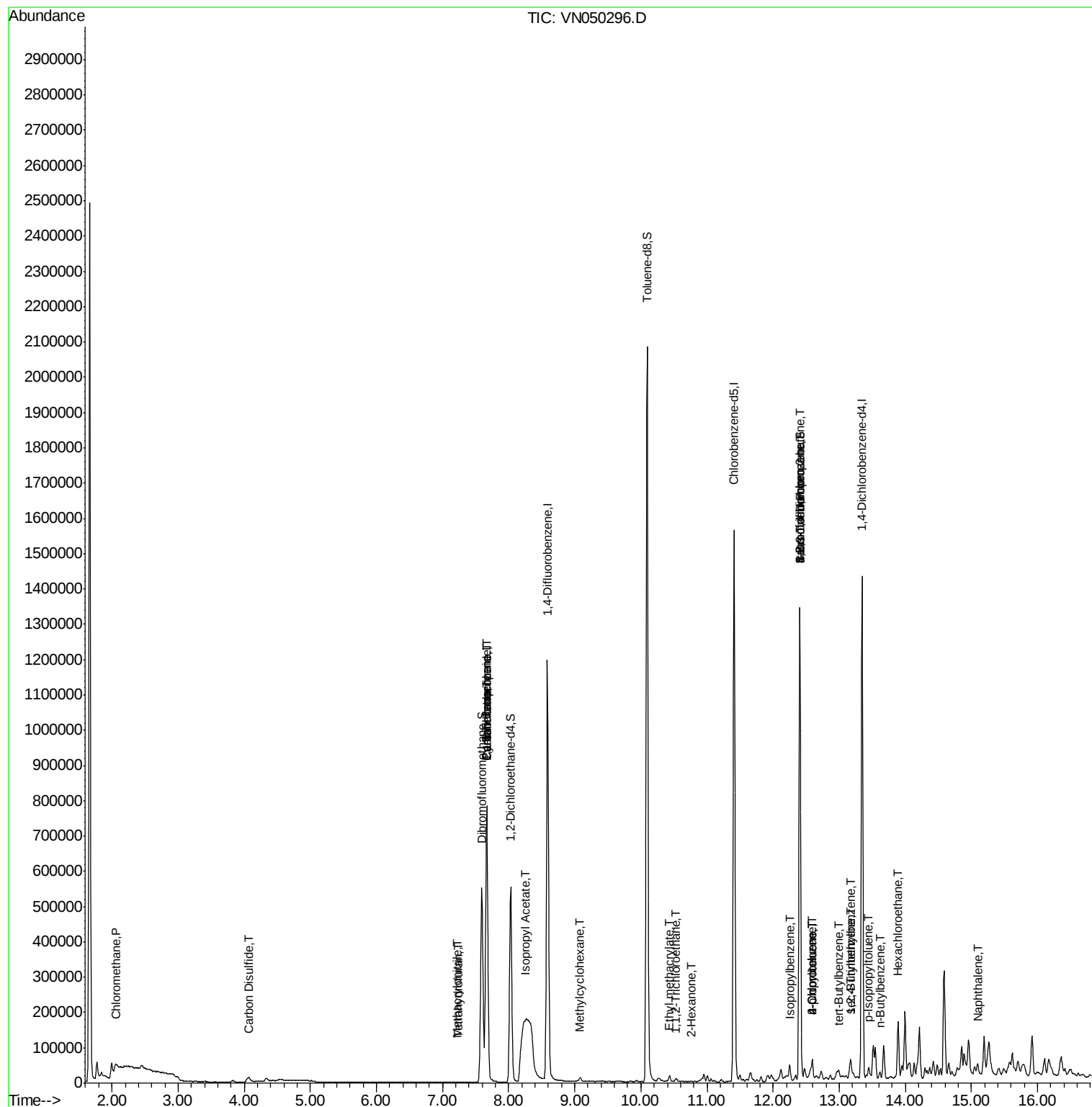
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2651	0.25	ug/l	100
5) Bromomethane	2.56	94	199	Below Cal	#	64
16) Acetone	3.83	43	7419	Below Cal		93
17) Carbon Disulfide	4.05	76	22784	0.96	ug/l	97
20) Methylene Chloride	4.56	84	2150	Below Cal	#	89
29) Tetrahydrofuran	7.23	42	477	0.21	ug/l	# 42
31) Cyclohexane	7.67	56	13078	0.94	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	47329	3.80	ug/l	# 49
38) Carbon Tetrachloride	7.67	117	59026	4.47	ug/l	# 17
39) Methylcyclohexane	9.08	83	4901	0.38	ug/l	94
41) Methacrylonitrile	7.21	41	104	2.77	ug/l	# 10
43) Isopropyl Acetate	8.25	43	253120	14.67	ug/l	# 61
55) 1,1,2-Trichloroethane	10.53	97	3658	0.41	ug/l	# 19
56) Ethyl methacrylate	10.43	69	1984	2.19	ug/l	# 21
59) 2-Hexanone	10.76	43	330	5.23	ug/l	# 24
71) Bromoform	12.40	173	4184	0.63	ug/l	# 1
73) Isopropylbenzene	12.25	105	27195	0.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	252	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	223195	30.26	ug/l	# 100
78) n-propylbenzene	12.59	91	44900	1.30	ug/l	100
79) 2-Chlorotoluene	12.59	91	44900	2.11	ug/l	# 40
81) trans-1,4-Dichloro-2-buten	12.40	75	223195	95.96	ug/l	# 13
82) 4-Chlorotoluene	12.59	91	44918	2.13	ug/l	# 41
83) tert-Butylbenzene	12.99	119	7376	0.35	ug/l	91
84) 1,2,4-Trimethylbenzene	13.17	105	32270	1.32	ug/l	# 31
85) sec-Butylbenzene	13.17	105	32270	1.14	ug/l	# 76
86) p-Isopropyltoluene	13.44	119	16211	0.68	ug/l	95
89) n-Butylbenzene	13.62	91	10543	0.54	ug/l	97
90) Hexachloroethane	13.89	117	11524	2.18	ug/l	# 4
92) 1,2-Dibromo-3-Chloropropan	14.21	75	829	Below Cal	#	1
95) Naphthalene	15.11	128	900	4.46	ug/l	# 1

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

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

Instrument :

MSVOA_N

ClientSampled :

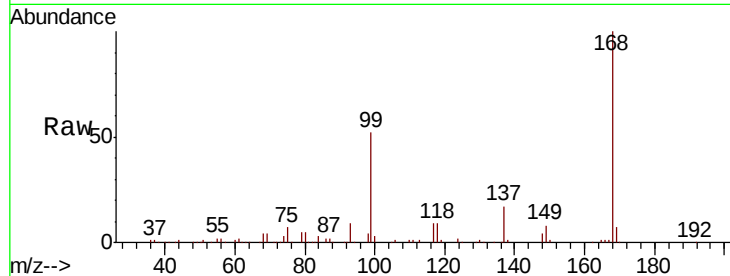
MW-A05

Tot Ion:168 Resp: 673007

Ion Ratio Lower Upper

168 100

99 51.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

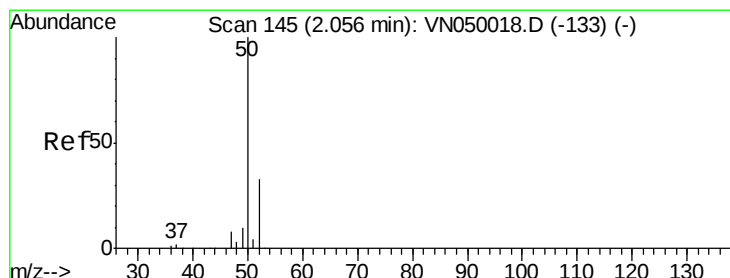
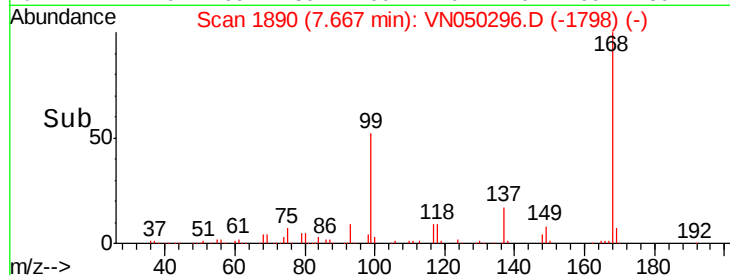
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050296.D

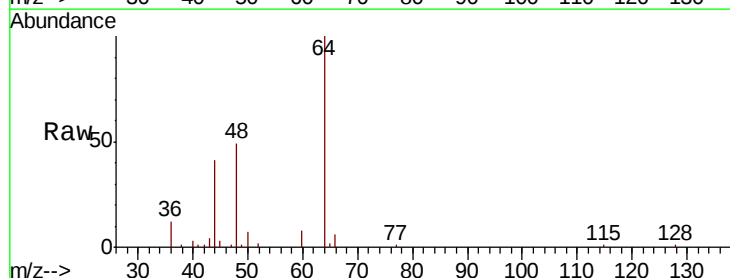
Acq: 3 Aug 2018 5:27

Tgt Ion: 50 Resp: 2651

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

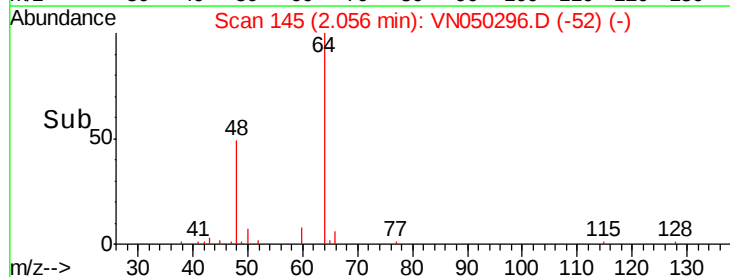
1500

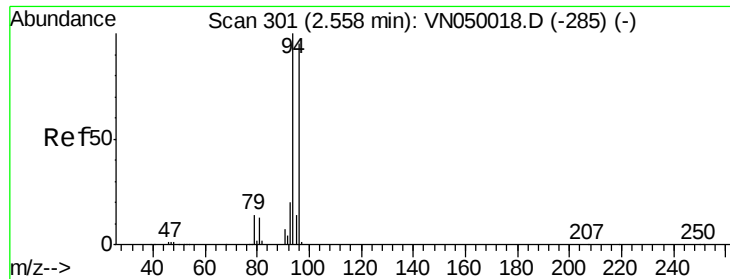
1000

500

0

Time--> 2.00 2.05 2.10





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

Instrument :

MSVOA_N

ClientSampled :

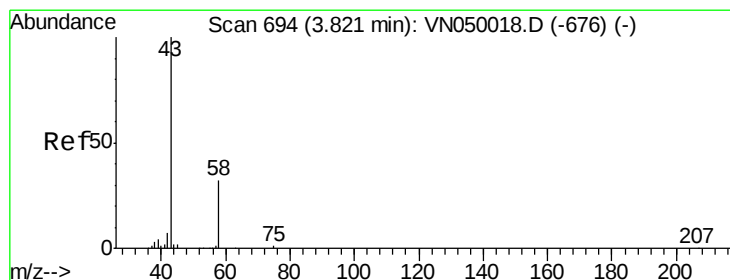
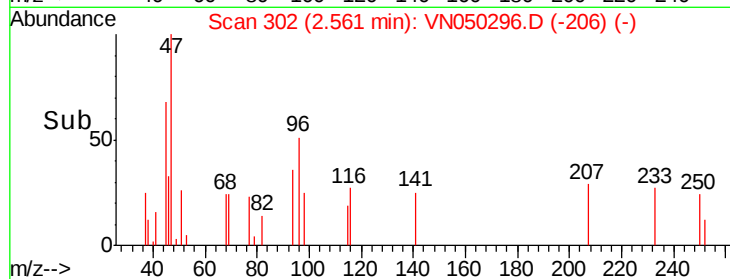
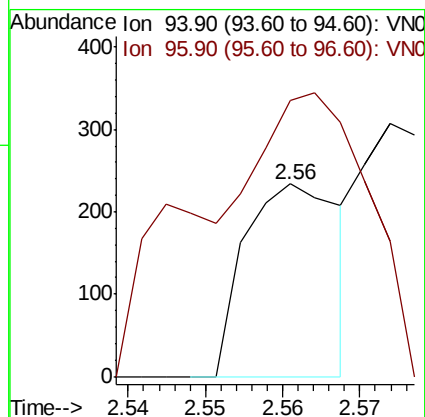
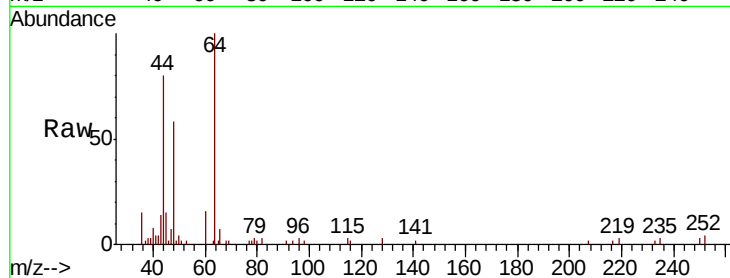
MW-A05

Tot Ion: 94 Resp: 199

Ion Ratio Lower Upper

94 100

96 59.0 74.6 112.0#



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050296.D

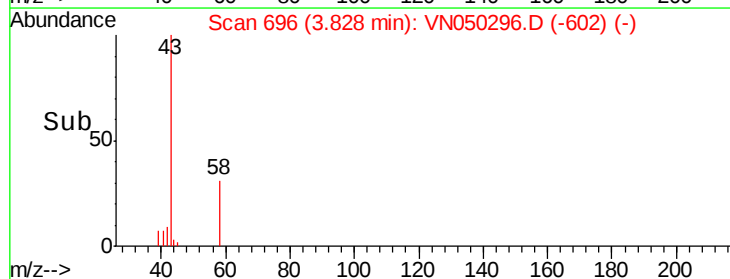
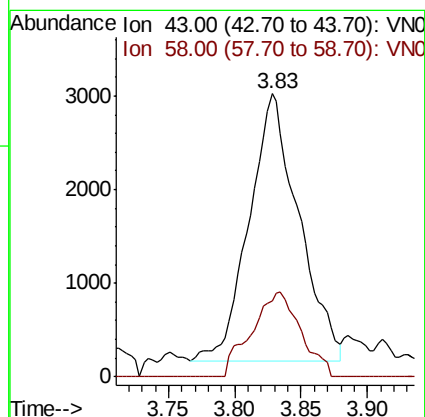
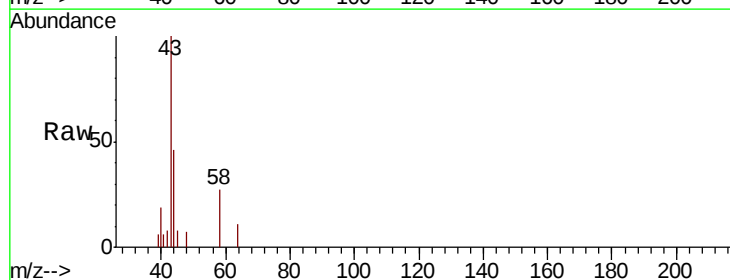
Acq: 3 Aug 2018 5:27

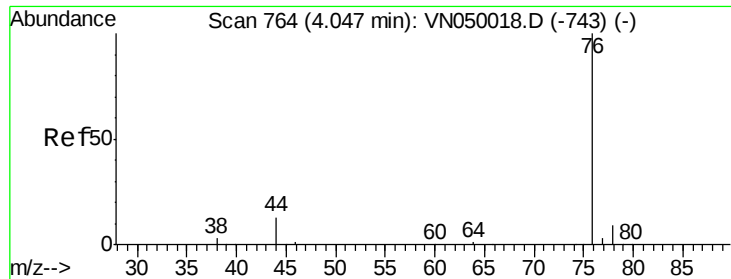
Tgt Ion: 43 Resp: 7419

Ion Ratio Lower Upper

43 100

58 28.4 25.8 38.8

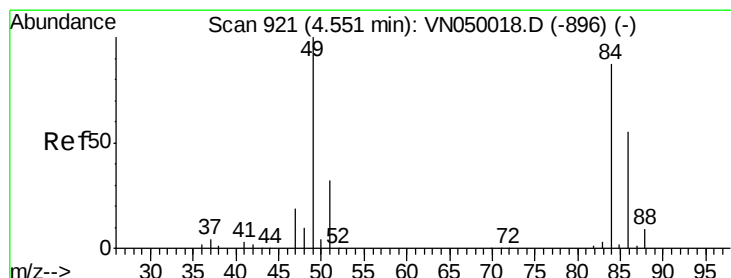
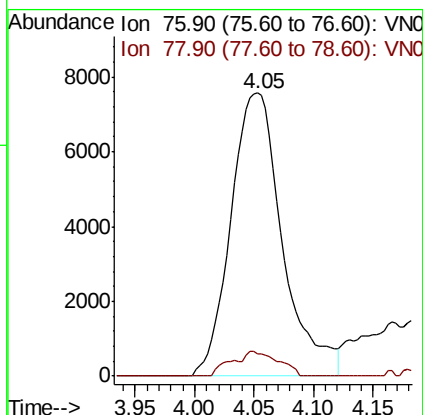
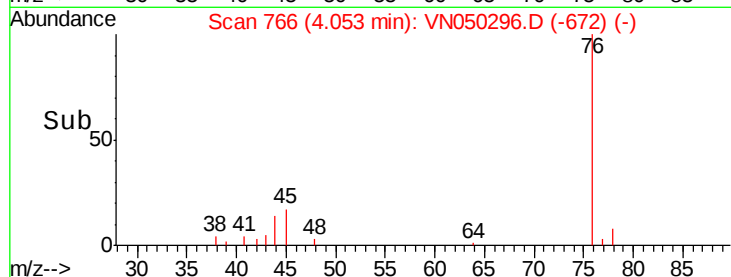
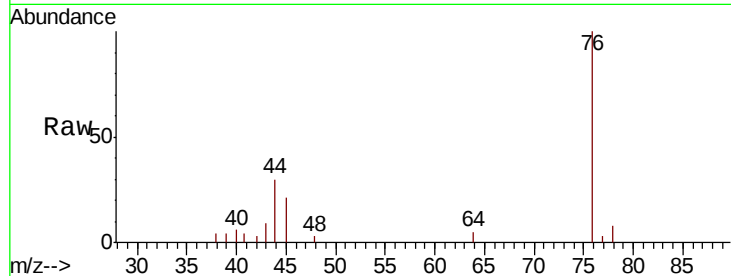




#17
Carbon Disulfide
Concen: 0.96 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

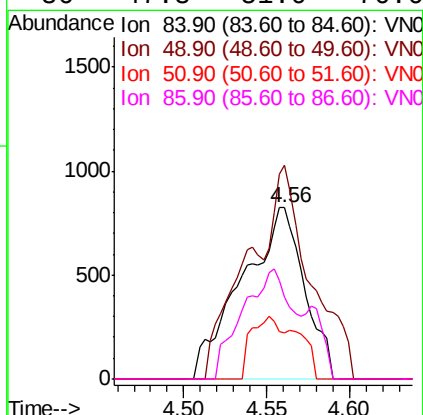
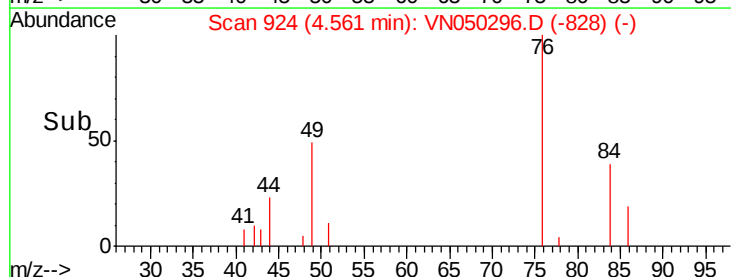
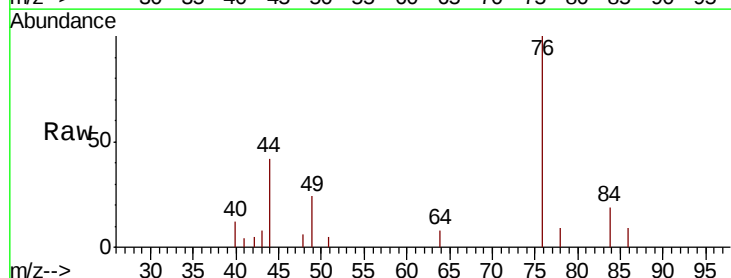
Instrument :
MSVOA_N
ClientSampleId :
MW-A05

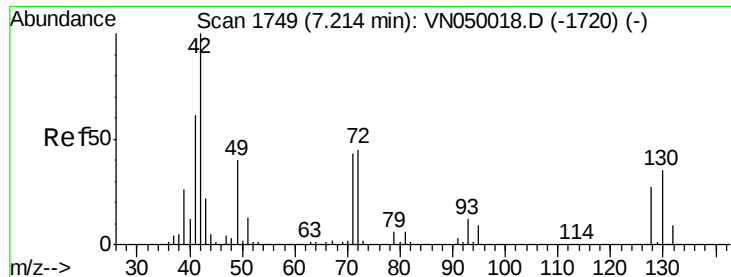
Tot Ion: 76 Resp: 22784
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

Tgt Ion: 84 Resp: 2150
Ion Ratio Lower Upper
84 100
49 124.6 94.8 142.2
51 27.1 28.3 42.5#
86 47.8 51.0 76.6#





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

Instrument :

MSVOA_N

ClientSampleId :

MW-A05

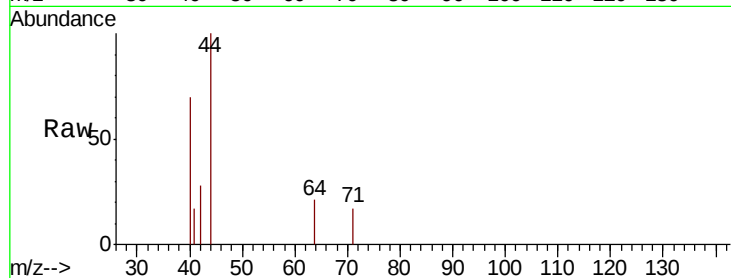
Tot Ion: 42 Resp: 477

Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

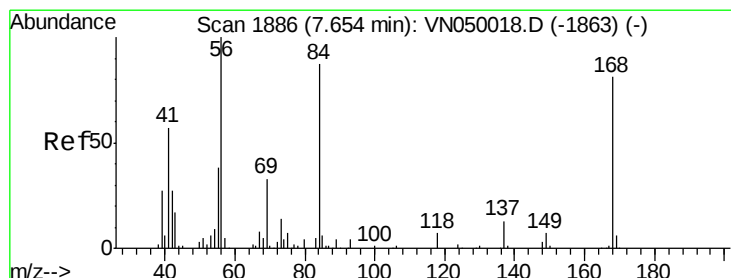
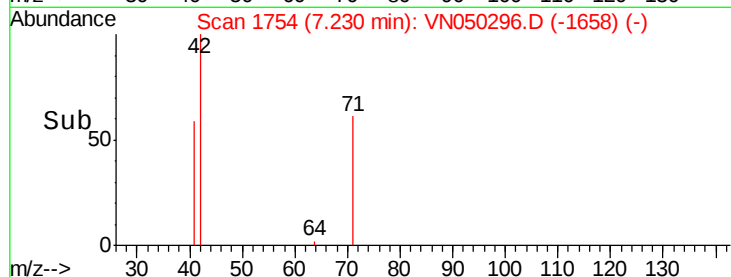
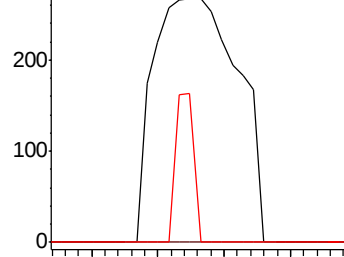
71 13.2 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.94 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

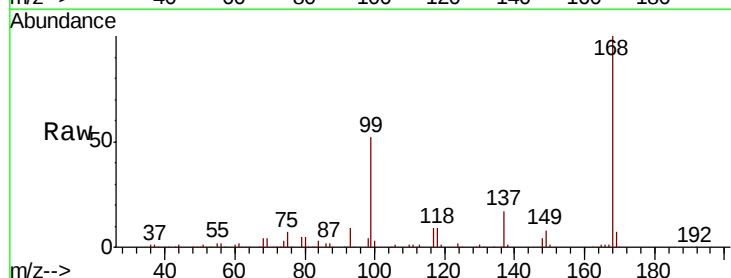
Tgt Ion: 56 Resp: 13078

Ion Ratio Lower Upper

56 100

69 176.2 26.2 39.4#

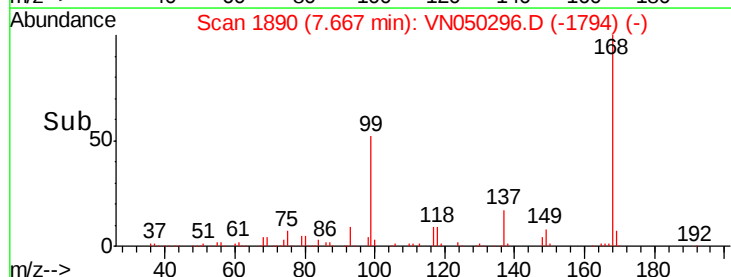
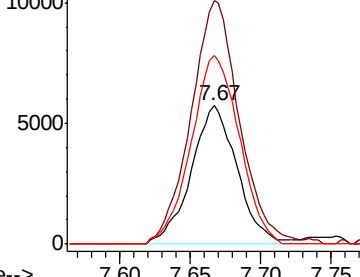
84 136.4 67.4 101.0#

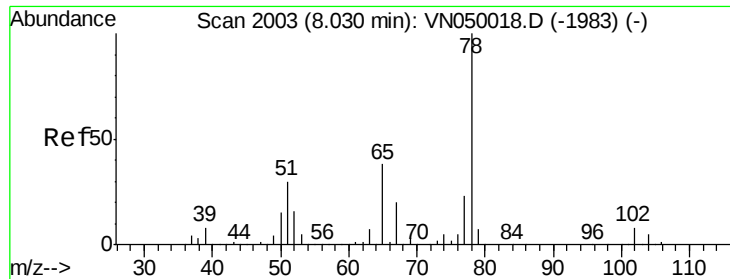


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.10 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

Instrument :

MSVOA_N

ClientSampleId :

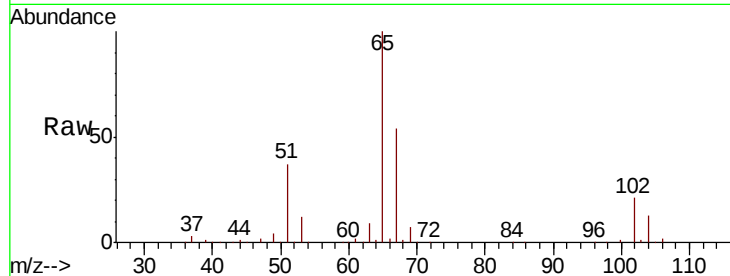
MW-A05

Tot Ion: 65 Resp: 470485

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

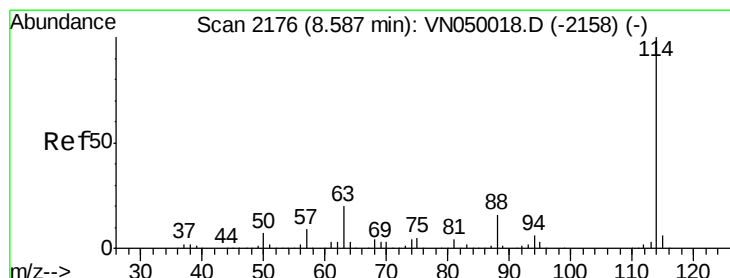
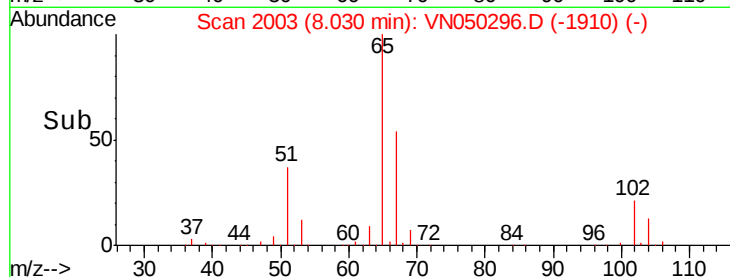
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

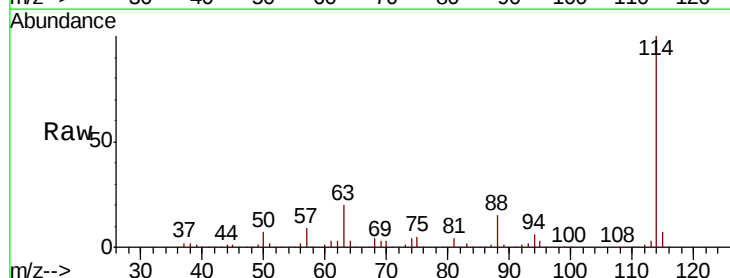
Tgt Ion: 114 Resp: 1105164

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

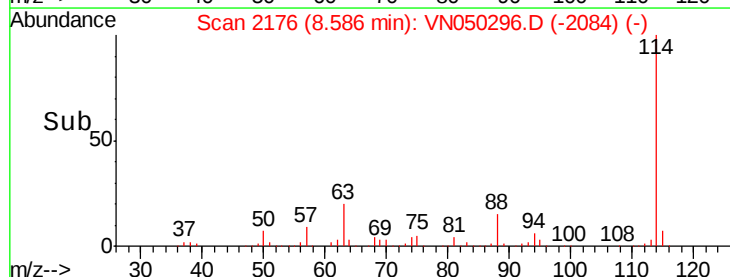
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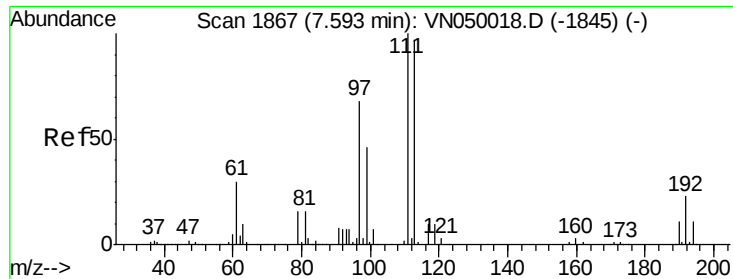
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200000

0

Time-->

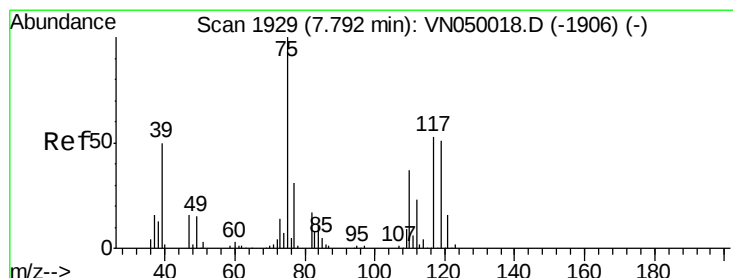
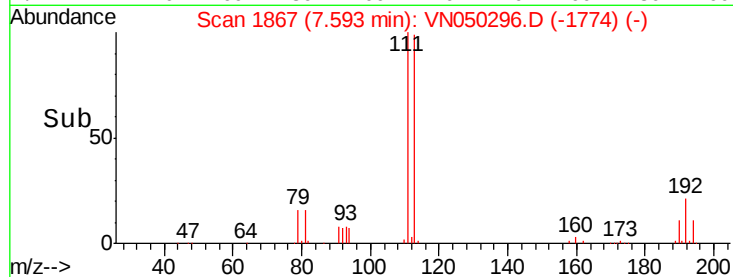
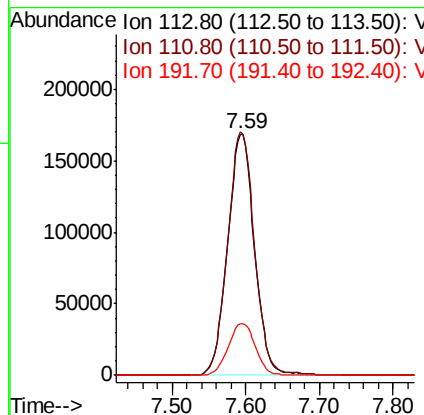
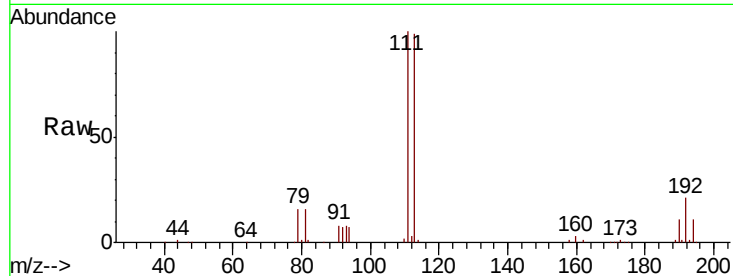




#35
 Dibromofluoromethane
 Concen: 47.33 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050296.D
 Acq: 3 Aug 2018 5:27

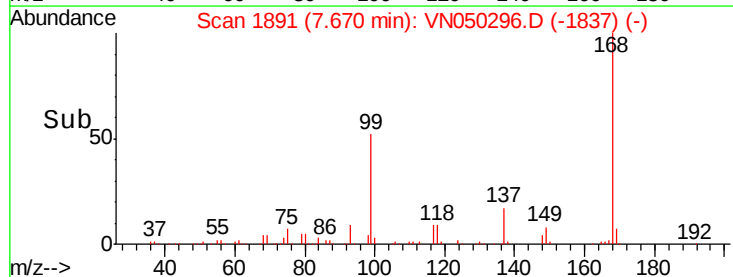
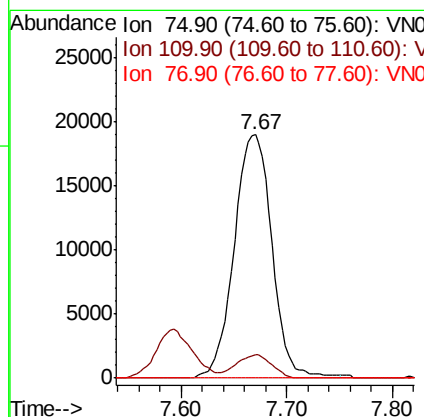
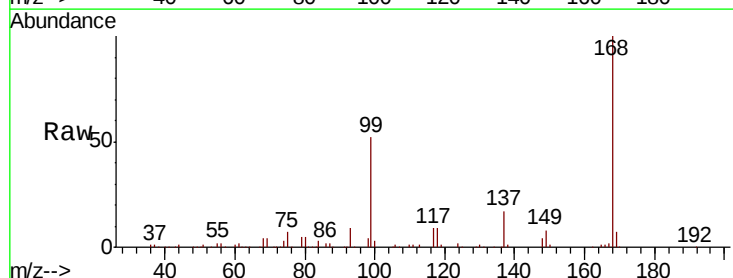
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A05

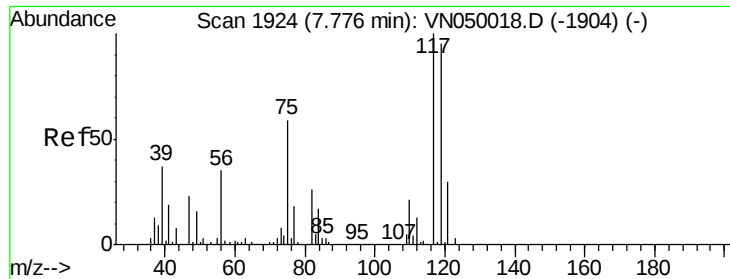
Tot Ion:113 Resp: 427077
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.7 121.1
 192 21.8 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.80 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050296.D
 Acq: 3 Aug 2018 5:27

Tgt Ion: 75 Resp: 47329
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.4 55.2#
 77 0.0 25.3 37.9#

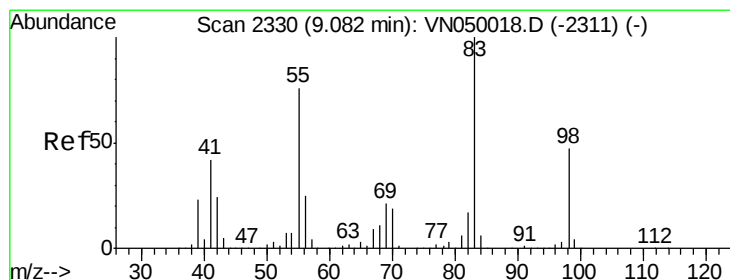
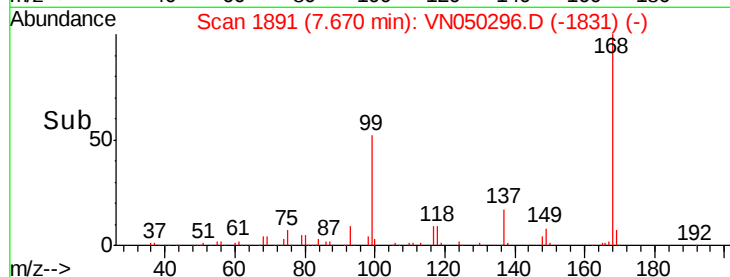
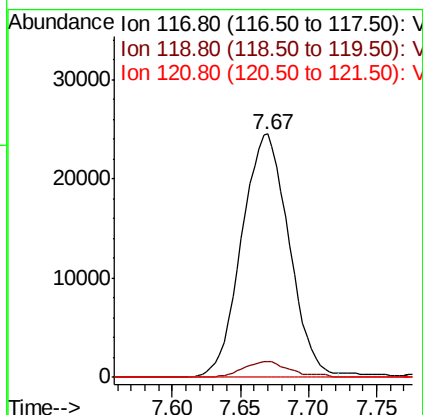
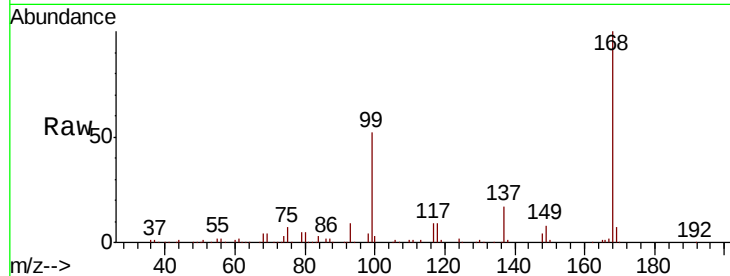




#38
Carbon Tetrachloride
Concen: 4.47 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

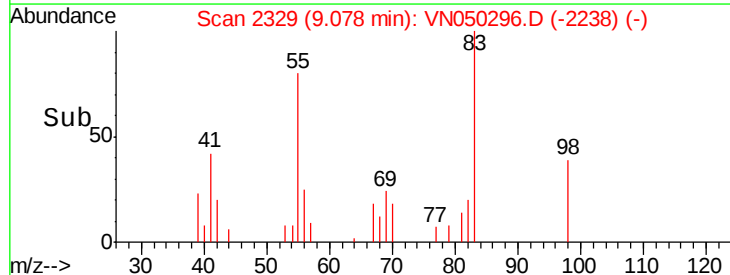
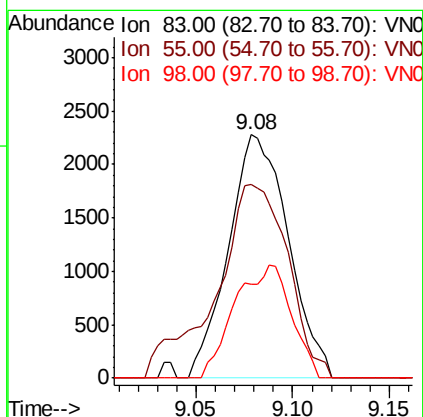
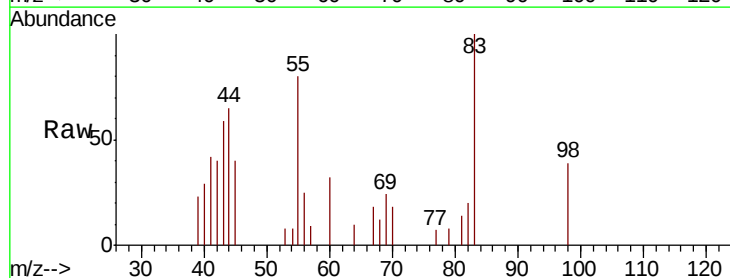
Instrument :
MSVOA_N
ClientSampleId :
MW-A05

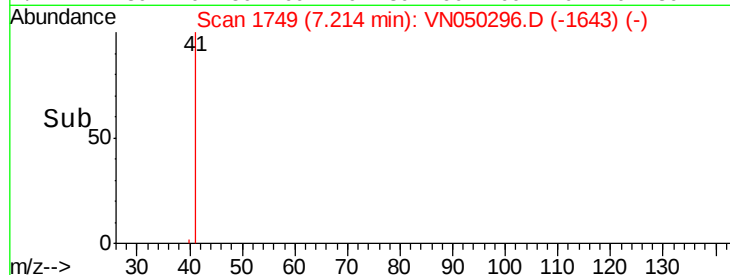
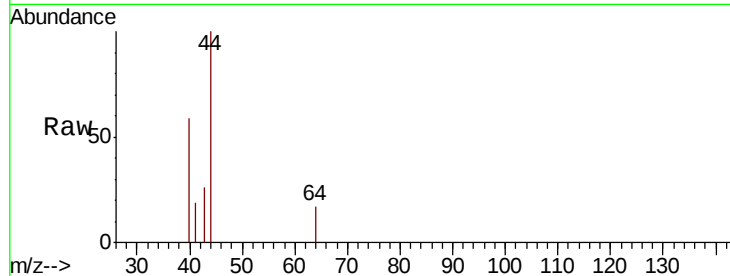
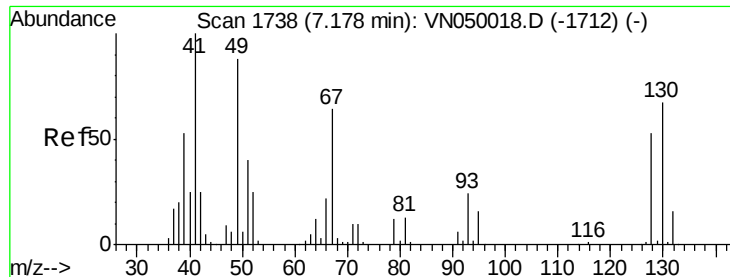
Tot Ion:117 Resp: 59026
Ion Ratio Lower Upper
117 100
119 6.7 77.4 116.0#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 0.38 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.01 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

Tgt Ion: 83 Resp: 4901
Ion Ratio Lower Upper
83 100
55 79.6 61.8 92.8
98 38.7 36.5 54.7

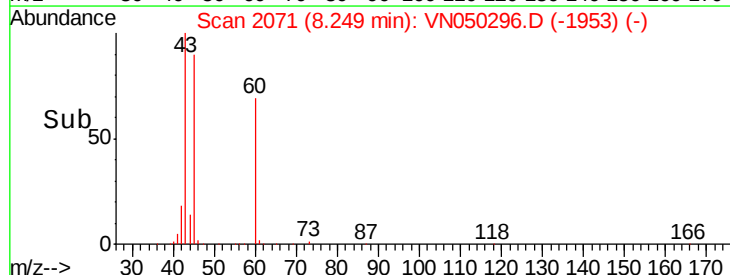
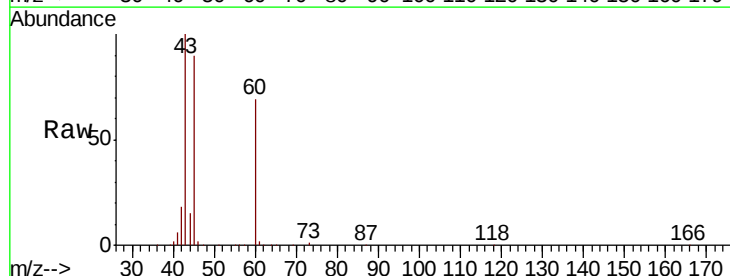
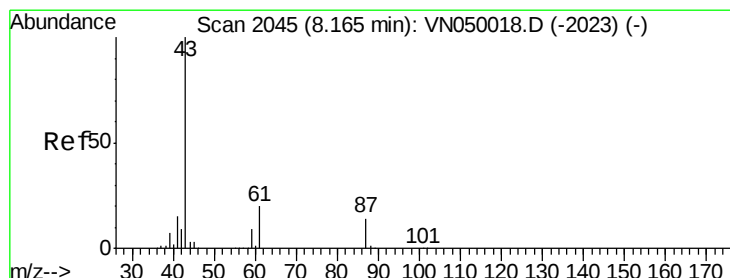
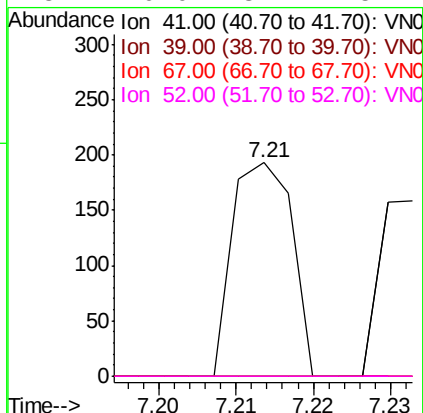




#41
Methacrylonitrile
Concen: 2.77 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.04 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

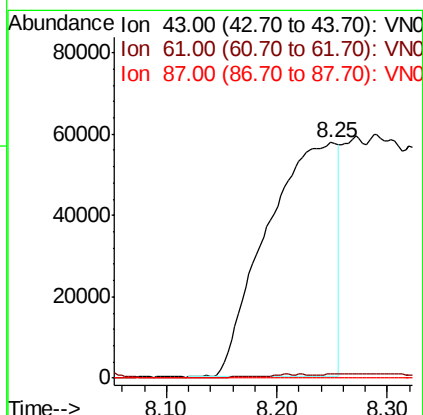
Instrument :
MSVOA_N
ClientSampleId :
MW-A05

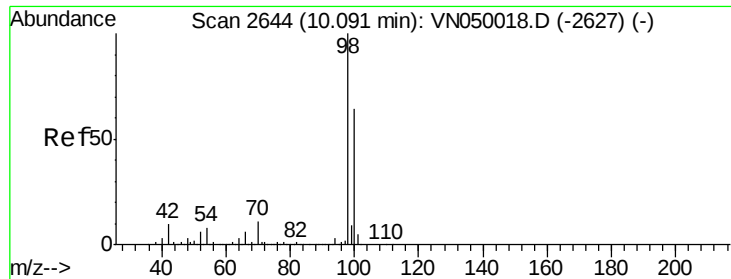
Tot Ion: 41 Resp: 104
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 14.67 ug/l
RT: 8.25 min Scan# 2071
Delta R.T. 0.08 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

Tgt Ion: 43 Resp: 253120
Ion Ratio Lower Upper
43 100
61 0.2 15.8 23.6#
87 0.0 10.3 15.5#

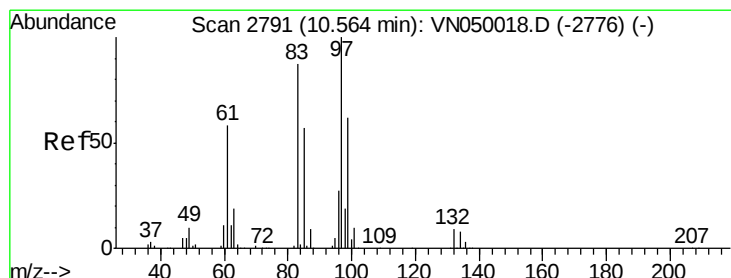
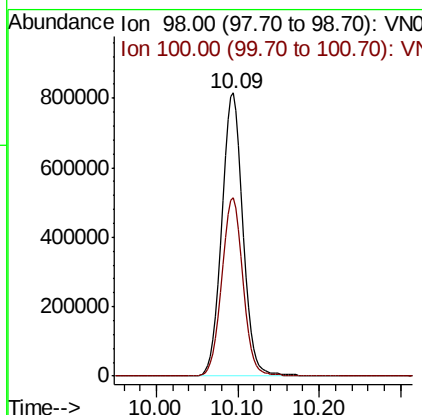
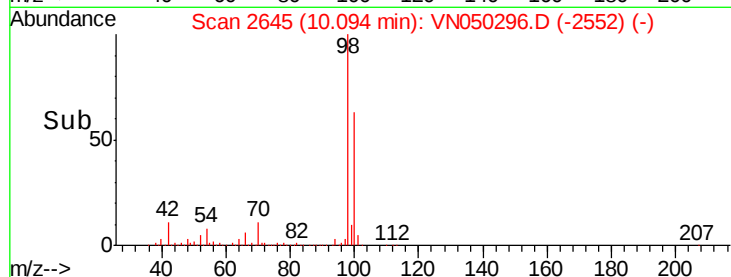
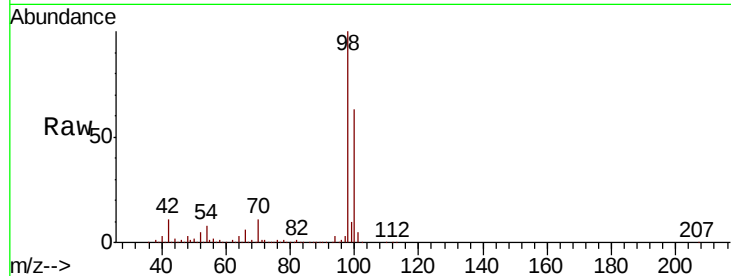




#50
Toluene-d8
Concen: 45.39 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

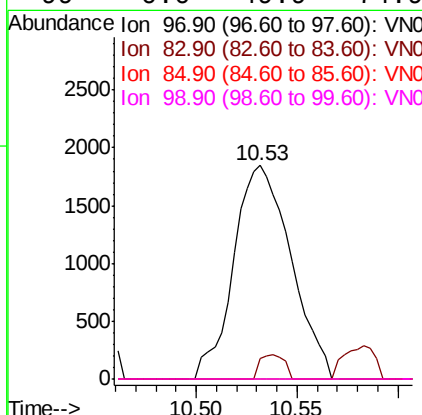
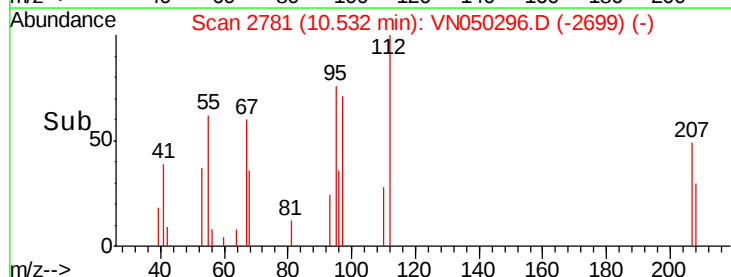
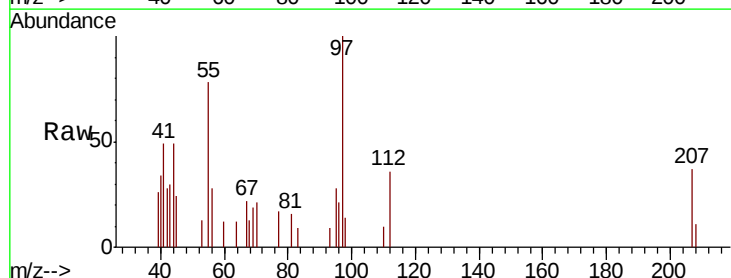
Instrument :
MSVOA_N
ClientSampleId :
MW-A05

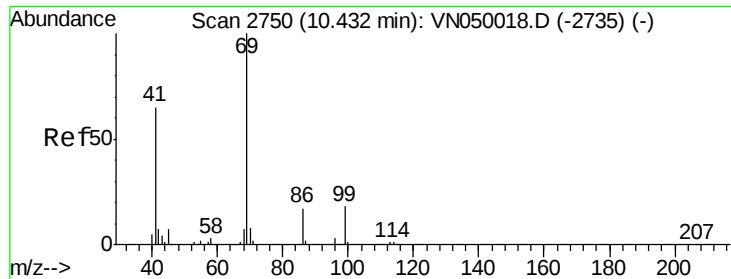
Tot Ion: 98 Resp: 1505770
Ion Ratio Lower Upper
98 100
100 63.1 50.7 76.1



#55
1,1,2-Trichloroethane
Concen: 0.41 ug/l
RT: 10.53 min Scan# 2781
Delta R.T. -0.04 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

Tgt Ion: 97 Resp: 3658
Ion Ratio Lower Upper
97 100
83 9.4 69.2 103.8#
85 0.0 44.0 66.0#
99 0.0 49.9 74.9#





#56

Ethyl methacrylate

Concen: 2.19 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

Instrument :

MSVOA_N

ClientSampled :

MW-A05

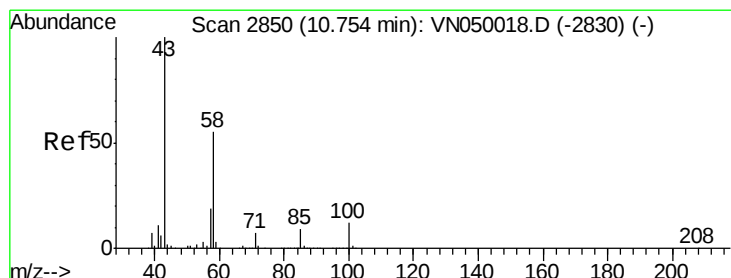
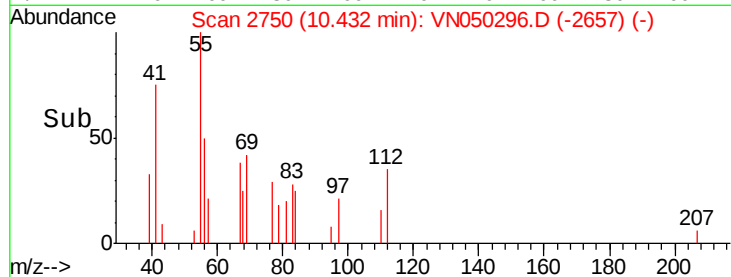
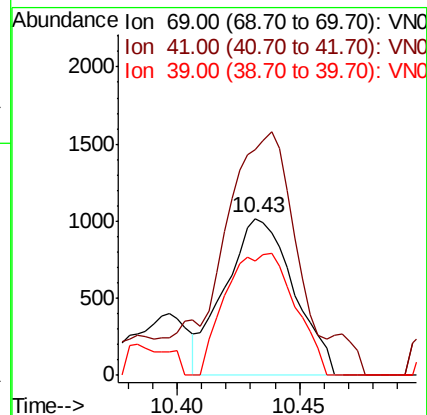
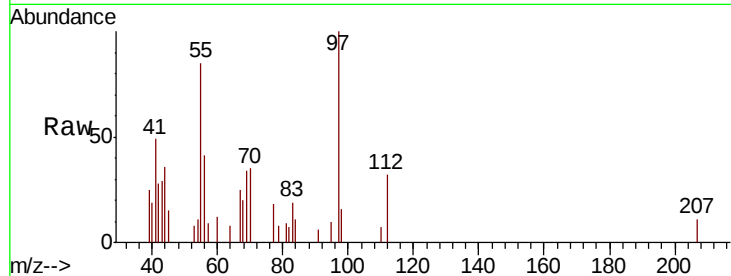
Tot Ion: 69 Resp: 1984

Ion Ratio Lower Upper

69 100

41 124.2 51.0 76.4#

39 78.9 26.6 40.0#



#59

2-Hexanone

Concen: 5.23 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN050296.D

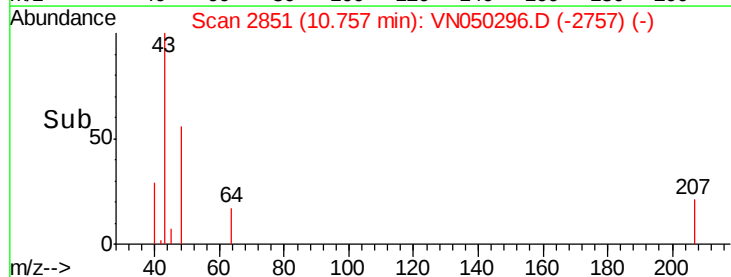
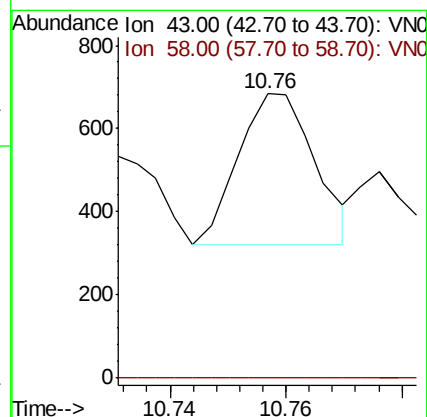
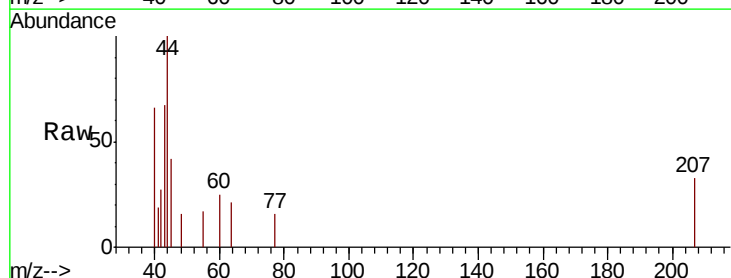
Acq: 3 Aug 2018 5:27

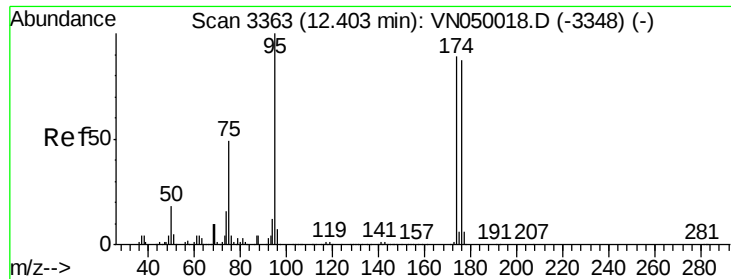
Tgt Ion: 43 Resp: 330

Ion Ratio Lower Upper

43 100

58 0.0 27.6 82.7#

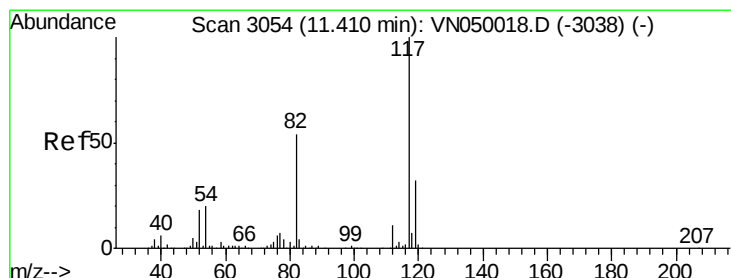
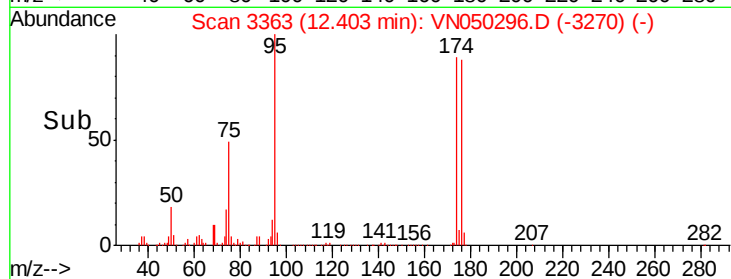
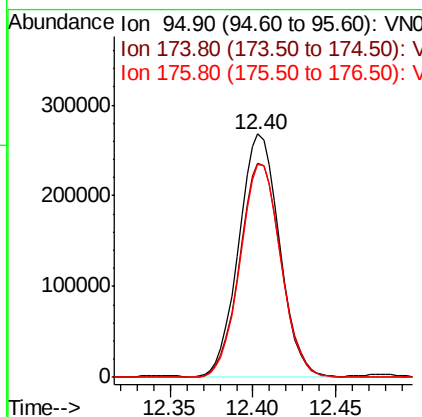
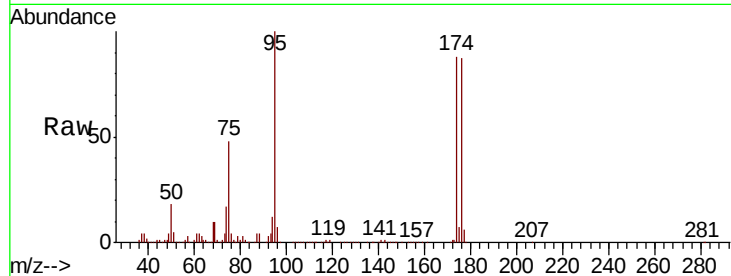




#62
4-Bromofluorobenzene
Concen: 41.60 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

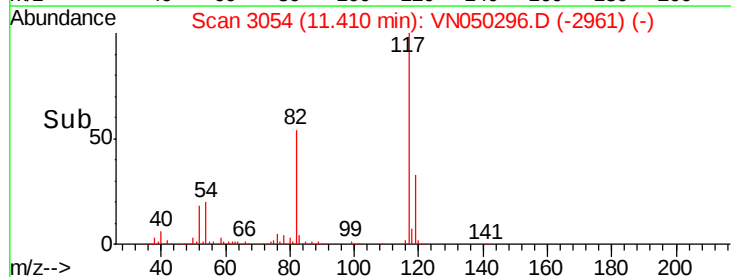
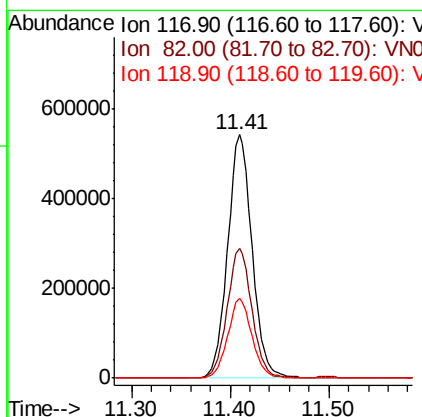
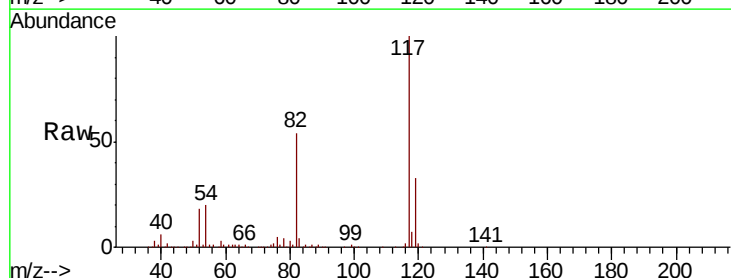
Instrument :
MSVOA_N
ClientSampleId :
MW-A05

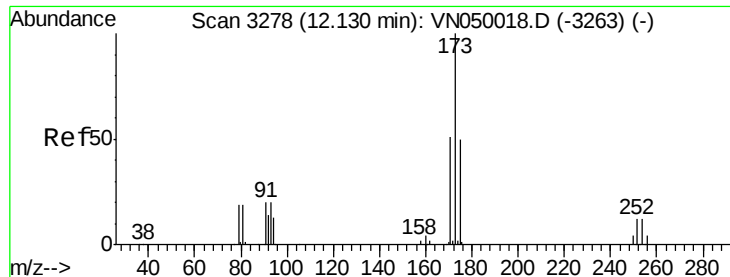
Tot Ion: 95 Resp: 454416
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 88.1 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

Tgt Ion: 117 Resp: 939716
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.6 26.1 39.1





#71

Bromoform

Concen: 0.63 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

Instrument :

MSVOA_N

ClientSampleId :

MW-A05

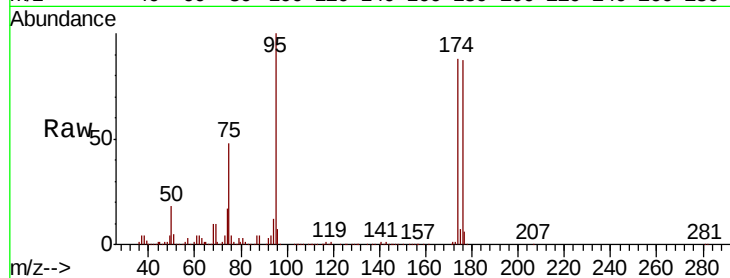
Tot Ion:173 Resp: 4184

Ion Ratio Lower Upper

173 100

175 643.1 24.1 72.2#

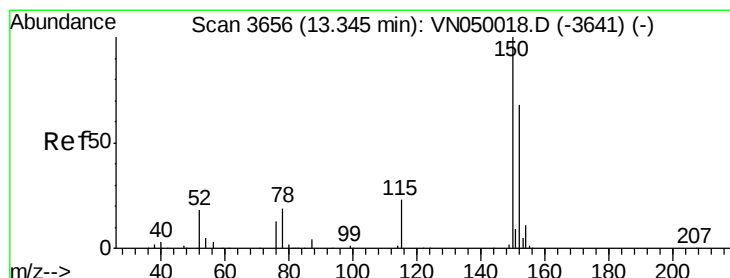
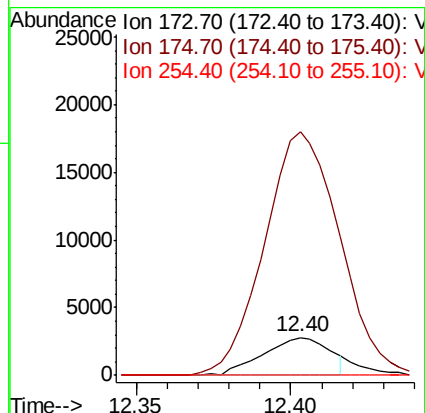
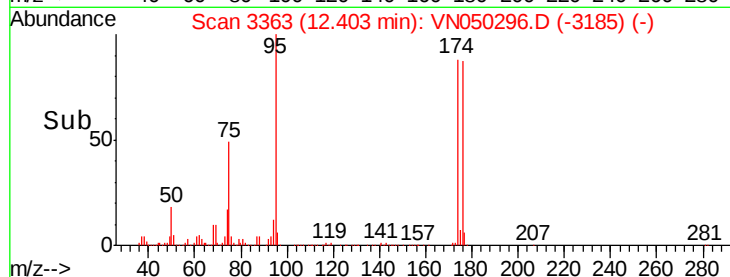
254 0.0 0.2 0.2#



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: VN050296.D

Acq: 3 Aug 2018 5:27

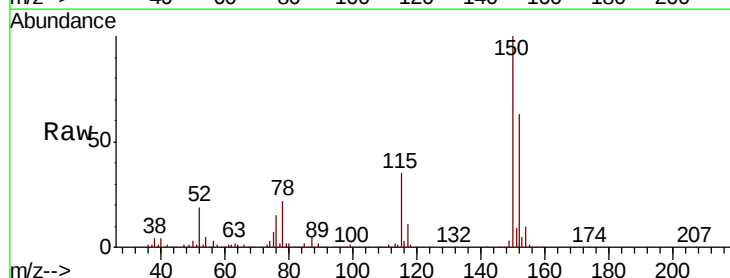
Tgt Ion:152 Resp: 396951

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.3

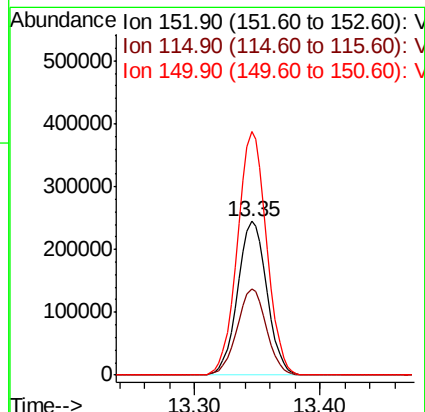
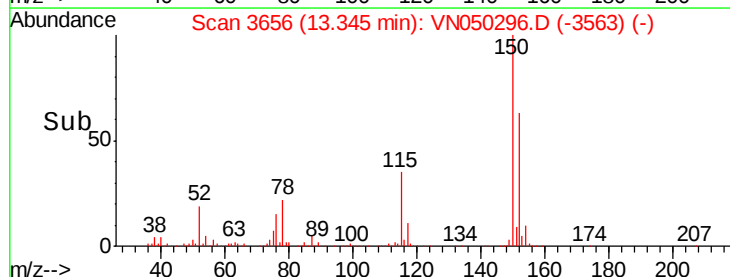
150 156.9 0.0 348.6

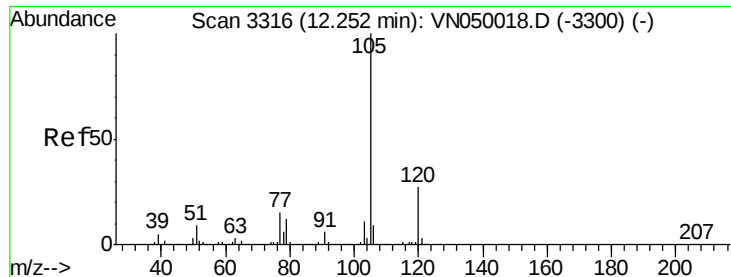


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.88 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

Instrument :

MSVOA_N

ClientSampled :

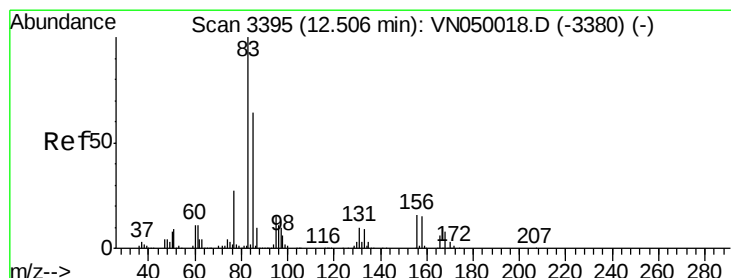
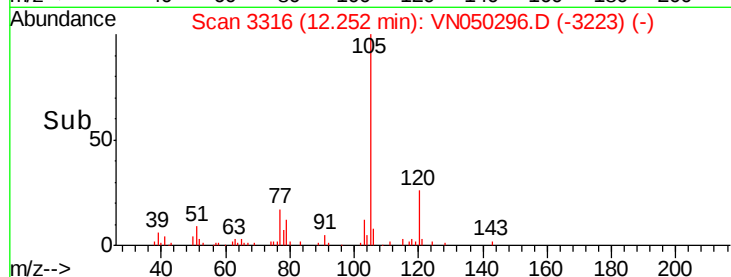
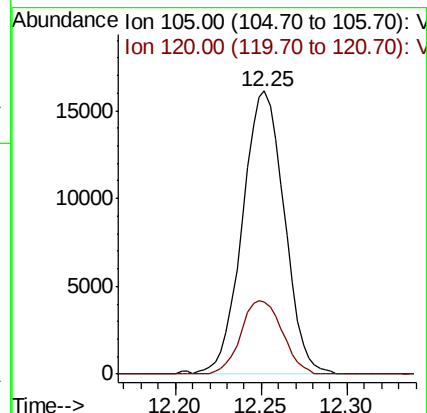
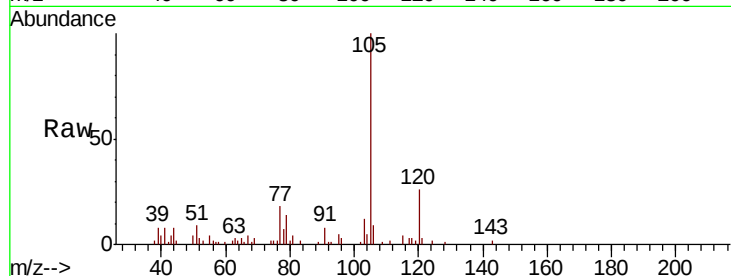
MW-A05

Tot Ion:105 Resp: 27195

Ion Ratio Lower Upper

105 100

120 25.7 13.3 39.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3386

Delta R.T. -0.03 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

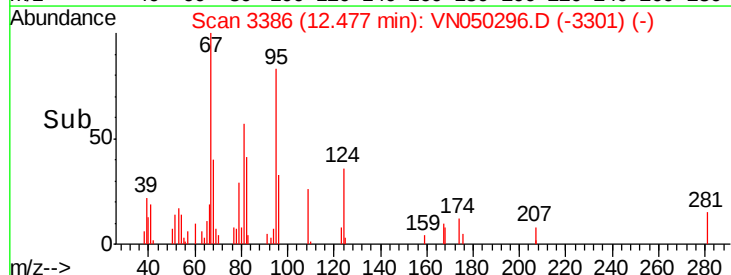
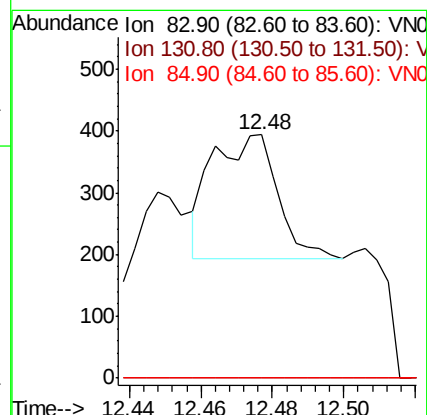
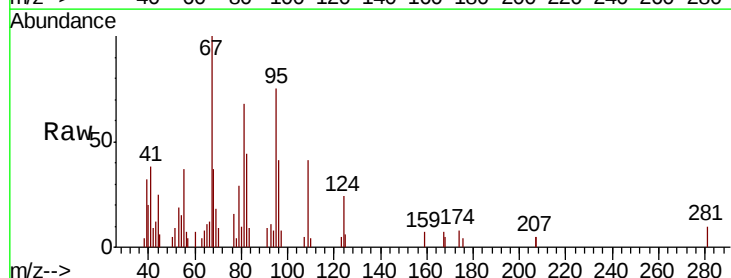
Tgt Ion: 83 Resp: 252

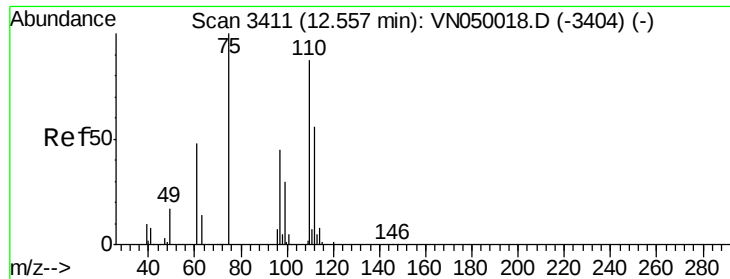
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 30.26 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

Instrument :

MSVOA_N

ClientSampled :

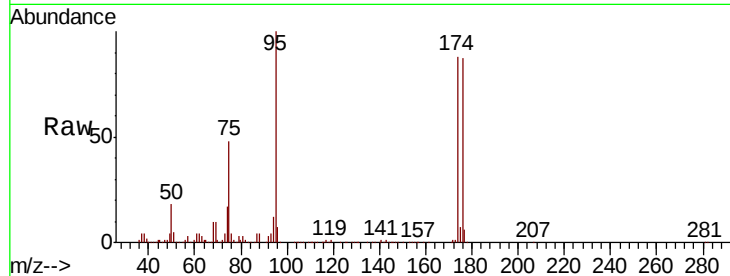
MW-A05

Tot Ion: 75 Resp: 223195

Ion Ratio Lower Upper

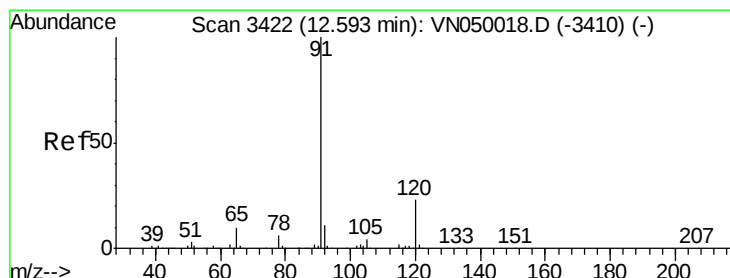
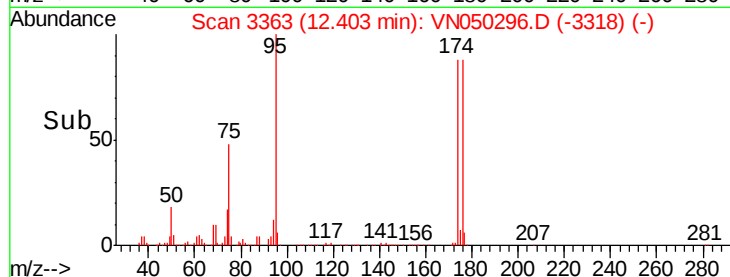
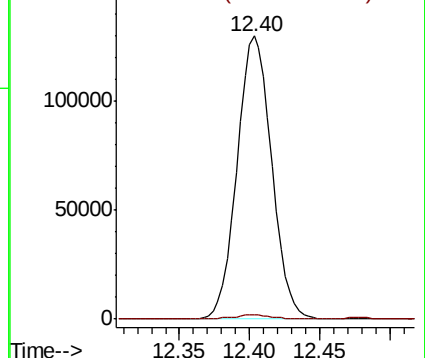
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 1.30 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050296.D

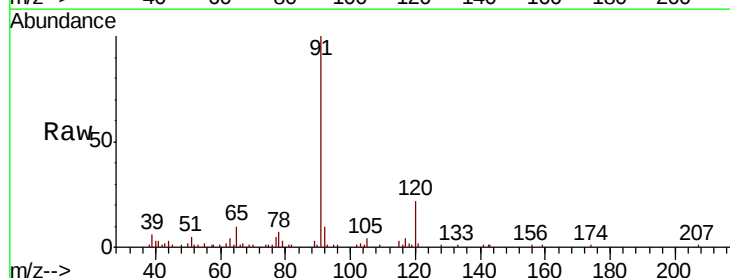
Acq: 3 Aug 2018 5:27

Tgt Ion: 91 Resp: 44900

Ion Ratio Lower Upper

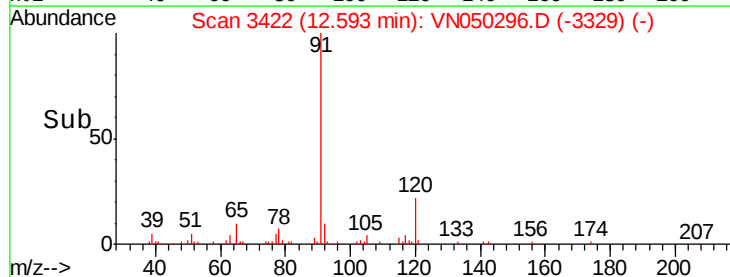
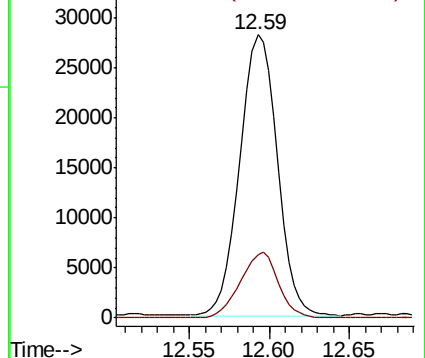
91 100

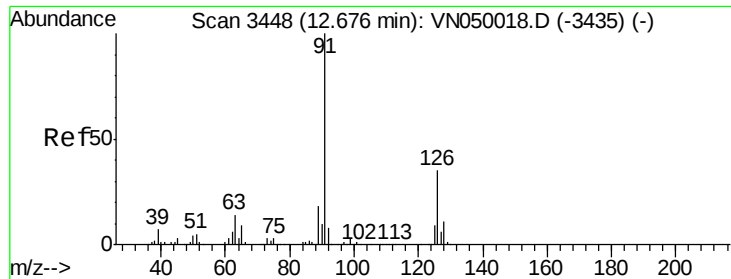
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

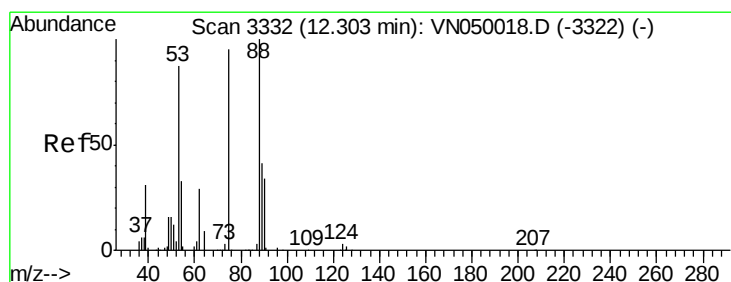
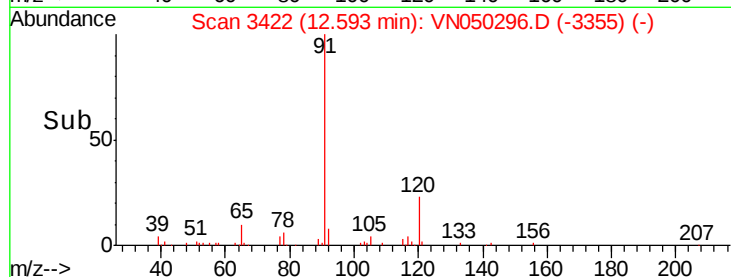
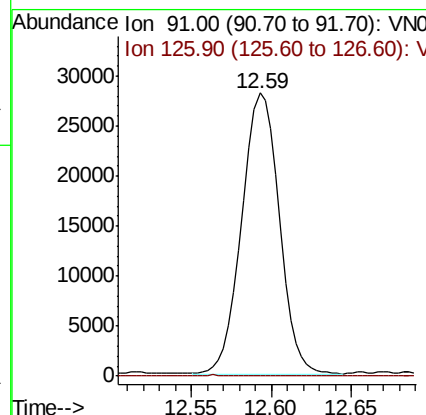
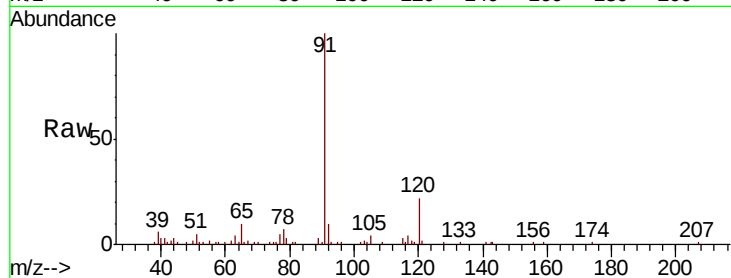




#79
 2-Chlorotoluene
 Concen: 2.11 ug/l
 RT: 12.59 min Scan# 3422
 Delta R.T. -0.08 min
 Lab File: VN050296.D
 Acq: 3 Aug 2018 5:27

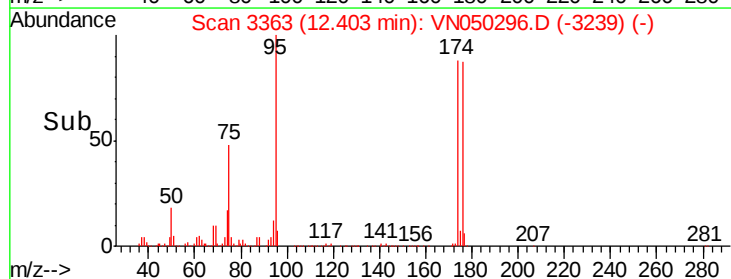
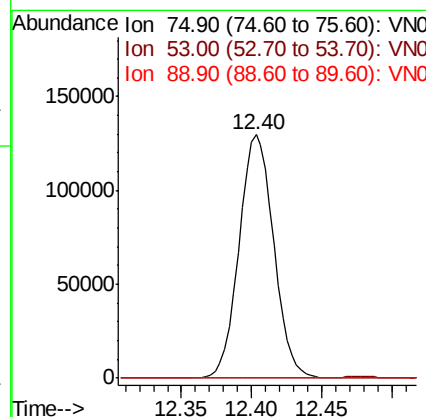
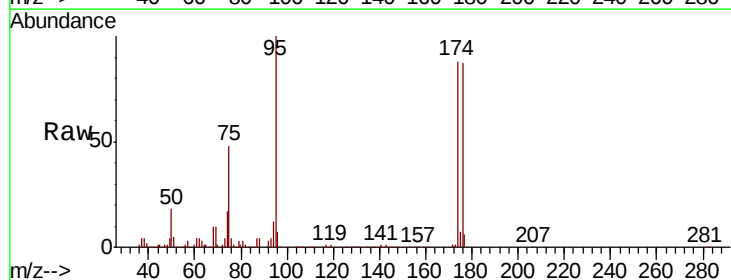
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A05

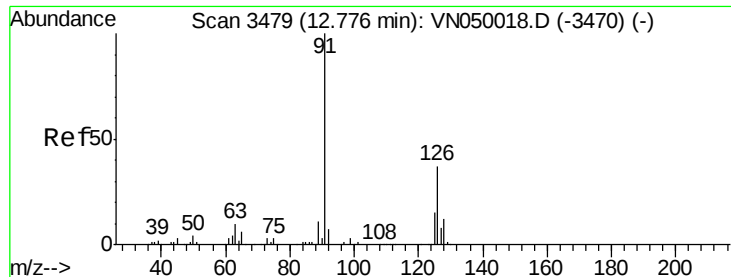
Tot Ion: 91 Resp: 44900
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.6 52.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.96 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050296.D
 Acq: 3 Aug 2018 5:27

Tgt Ion: 75 Resp: 223195
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.5 110.3#
 89 0.0 36.0 54.0#

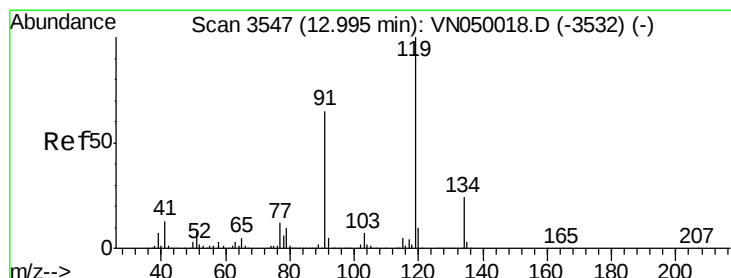
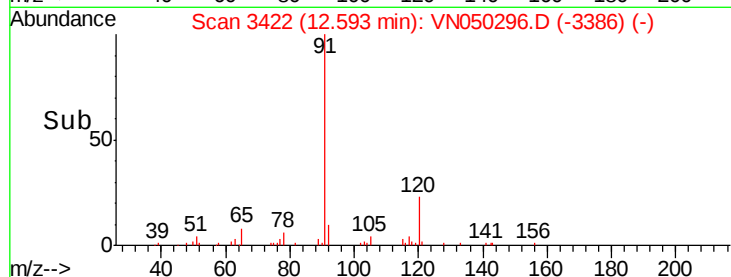
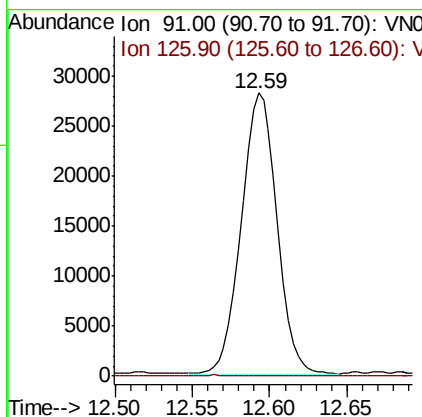
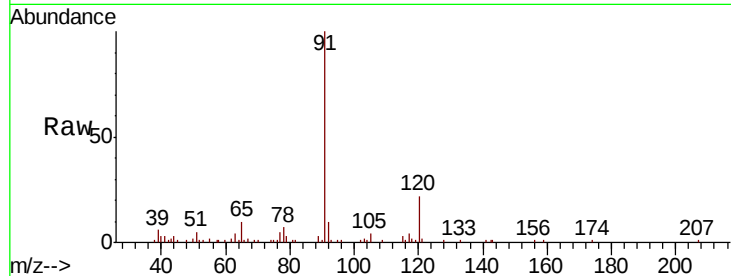




#82
4-Chlorotoluene
Concen: 2.13 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. -0.18 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

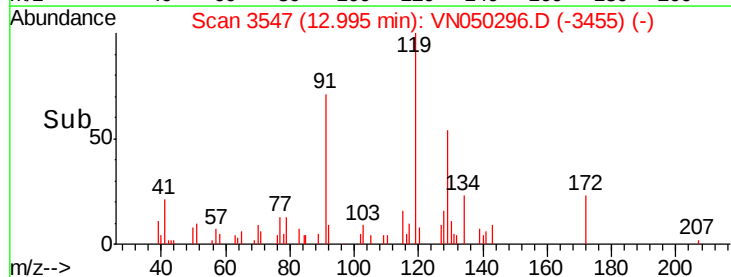
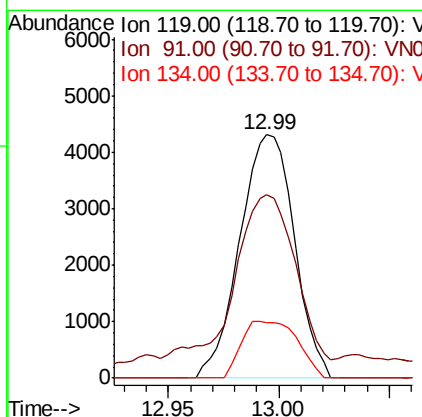
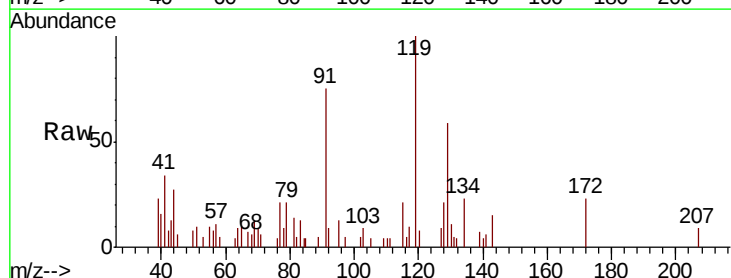
Instrument :
MSVOA_N
ClientSampleId :
MW-A05

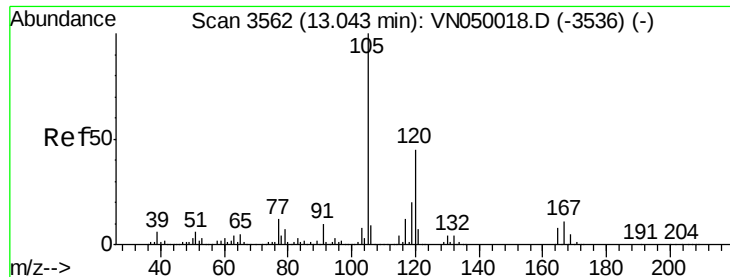
Tot Ion: 91 Resp: 44918
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 0.35 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

Tgt Ion: 119 Resp: 7376
Ion Ratio Lower Upper
119 100
91 72.4 32.1 96.3
134 23.9 13.2 39.5

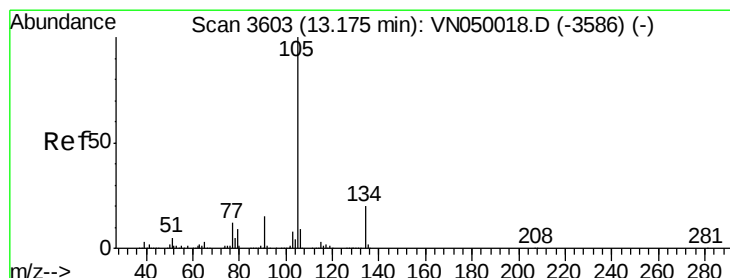
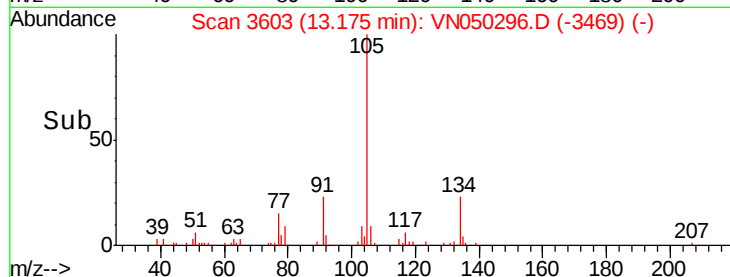
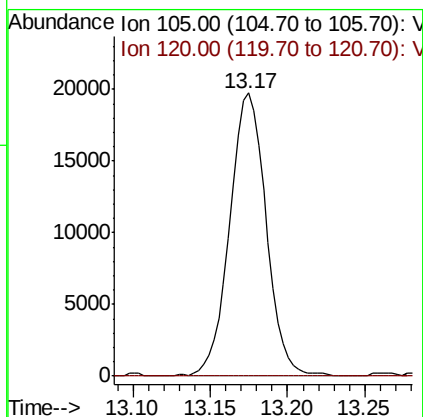
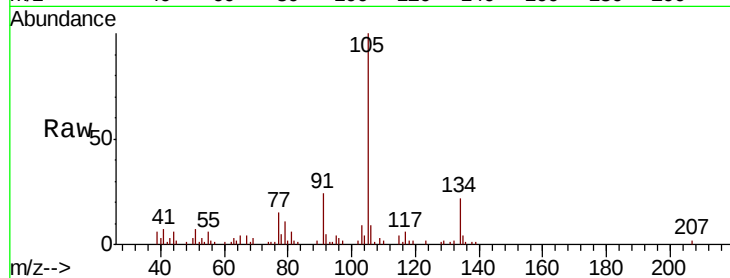




#84
 1,2,4-Trimethylbenzene
 Concen: 1.32 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.13 min
 Lab File: VN050296.D
 Acq: 3 Aug 2018 5:27

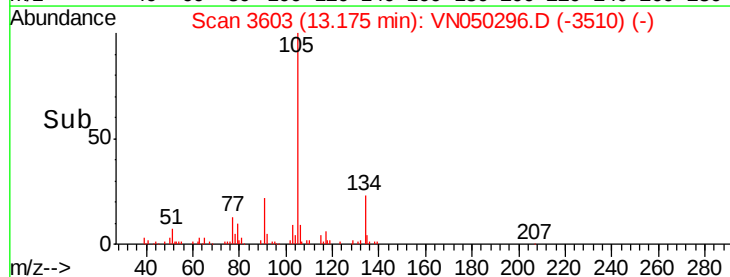
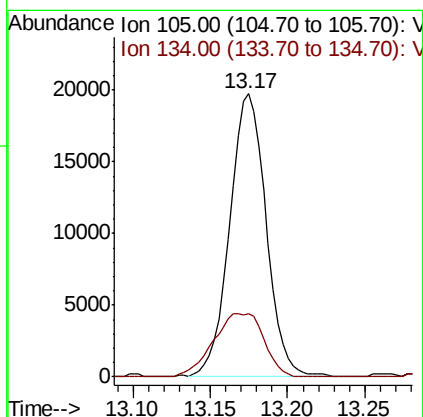
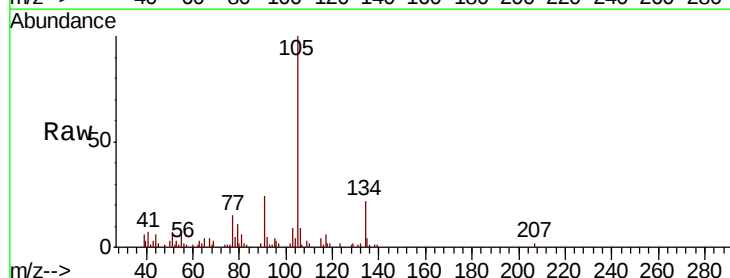
Instrument :
 MSVOA_N
 ClientSampled :
 MW-A05

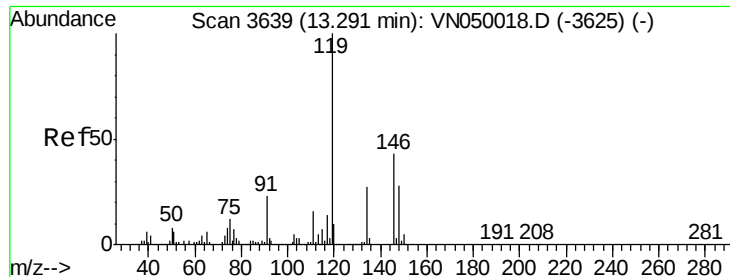
Tot Ion:105 Resp: 32270
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.7#



#85
 sec-Butylbenzene
 Concen: 1.14 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050296.D
 Acq: 3 Aug 2018 5:27

Tgt Ion:105 Resp: 32270
 Ion Ratio Lower Upper
 105 100
 134 30.9 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 0.68 ug/l

RT: 13.44 min Scan# 3687

Delta R.T. 0.15 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

Instrument :

MSVOA_N

ClientSampleId :

MW-A05

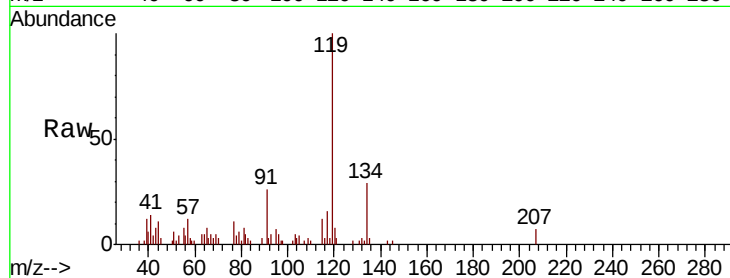
Tot Ion:119 Resp: 16211

Ion Ratio Lower Upper

119 100

134 29.4 13.3 39.8

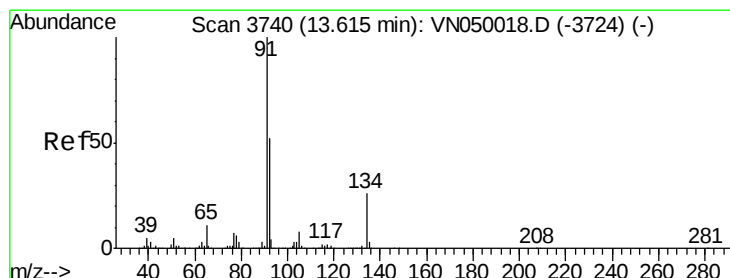
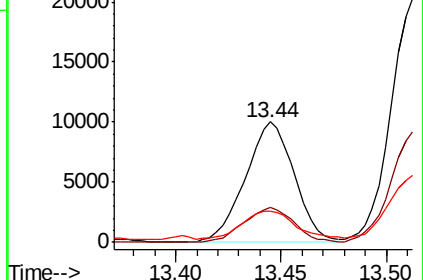
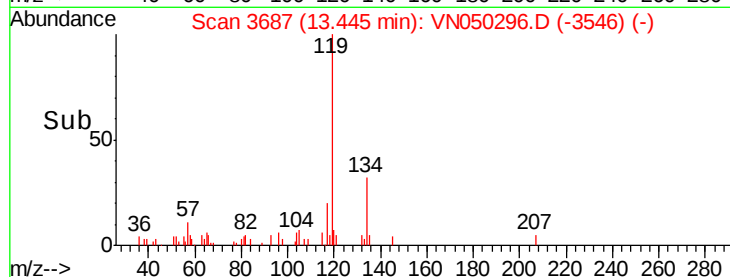
91 24.3 11.4 34.2



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: 0.54 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

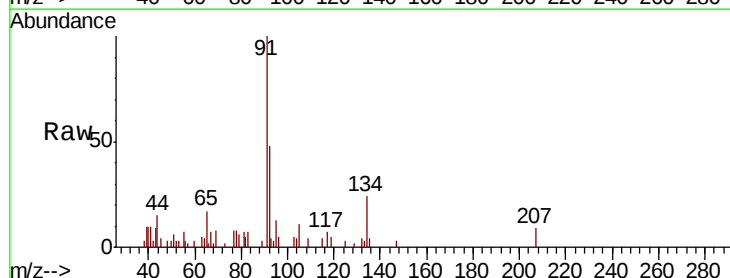
Tgt Ion: 91 Resp: 10543

Ion Ratio Lower Upper

91 100

92 51.0 25.8 77.4

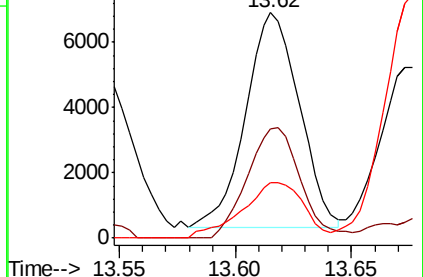
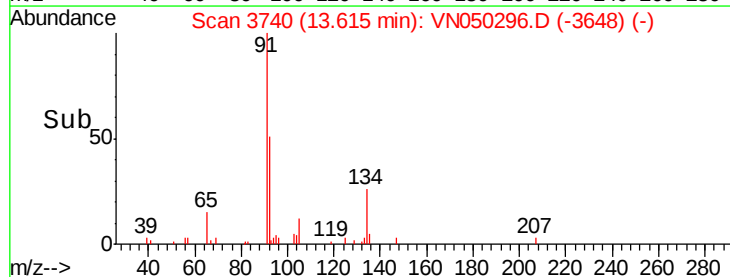
134 29.6 12.8 38.4

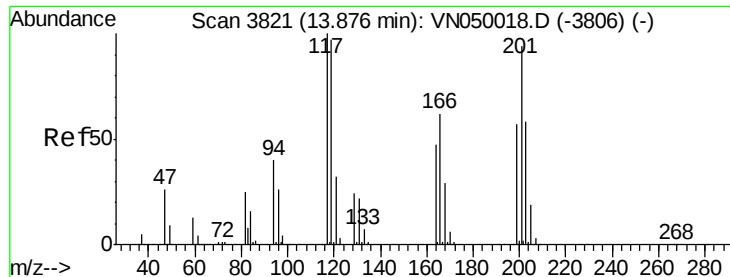


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 2.18 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

Instrument :

MSVOA_N

ClientSampled :

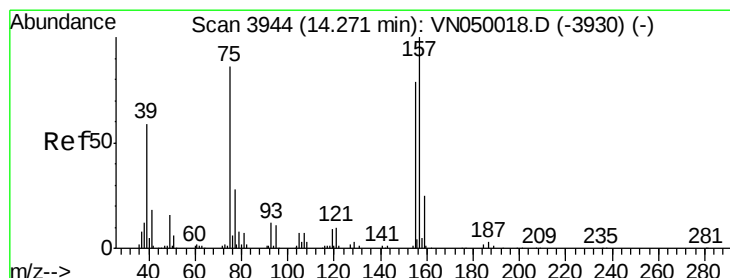
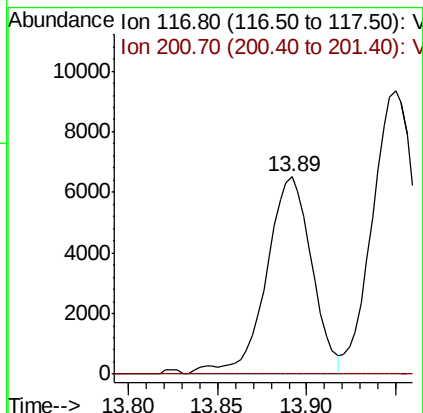
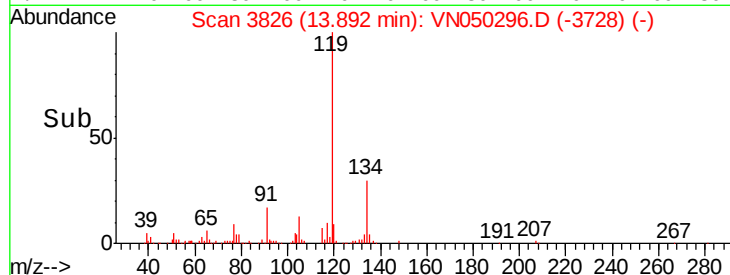
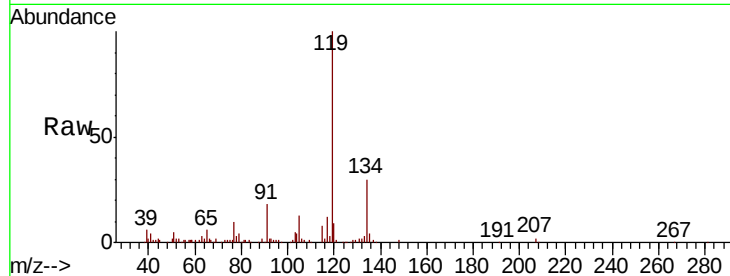
MW-A05

Tot Ion:117 Resp: 11524

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.21 min Scan# 3926

Delta R.T. -0.06 min

Lab File: VN050296.D

Acq: 3 Aug 2018 5:27

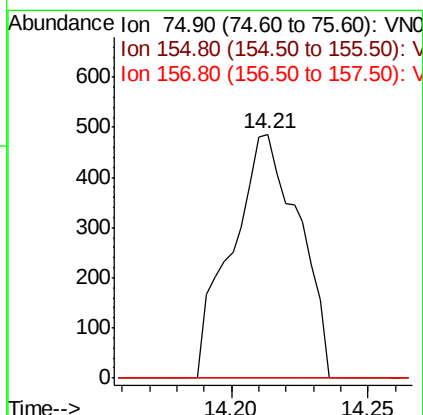
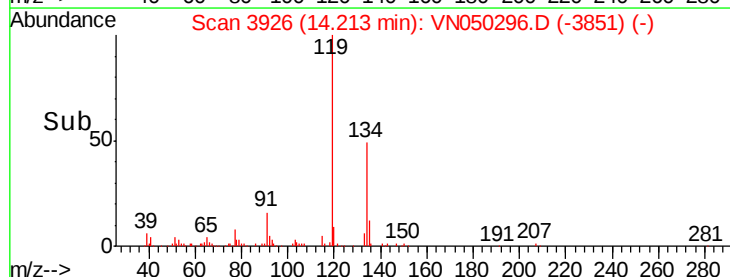
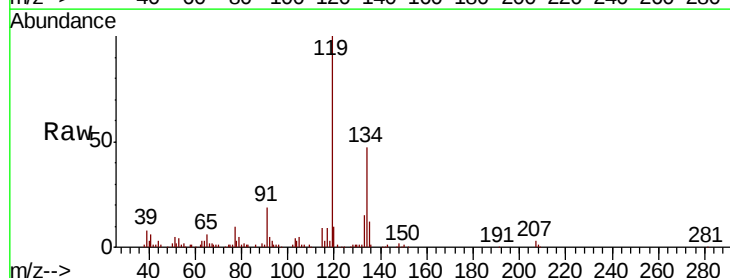
Tgt Ion: 75 Resp: 829

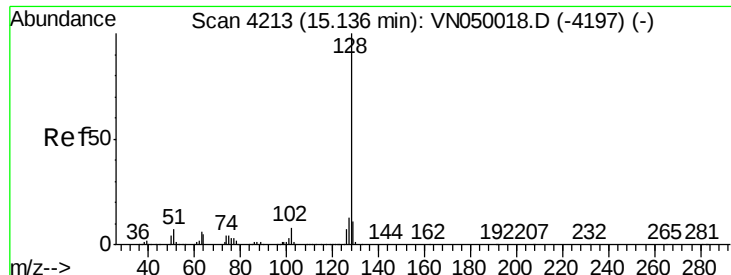
Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#





#95
Naphthalene
Concen: 4.46 ug/l
RT: 15.11 min Scan# 4205
Delta R.T. -0.03 min
Lab File: VN050296.D
Acq: 3 Aug 2018 5:27

Instrument :
MSVOA_N
ClientSampleId :
MW-A05

Tot Ion:128 Resp: 900
Ion Ratio Lower Upper
128 100
127 105.7 10.4 15.6#
129 97.4 8.8 13.2#

