

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051462.D
 Acq On : 24 Sep 2018 15:33
 Operator : MD\SY
 Sample : J4770-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-I

Quant Time: Sep 25 01:59:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

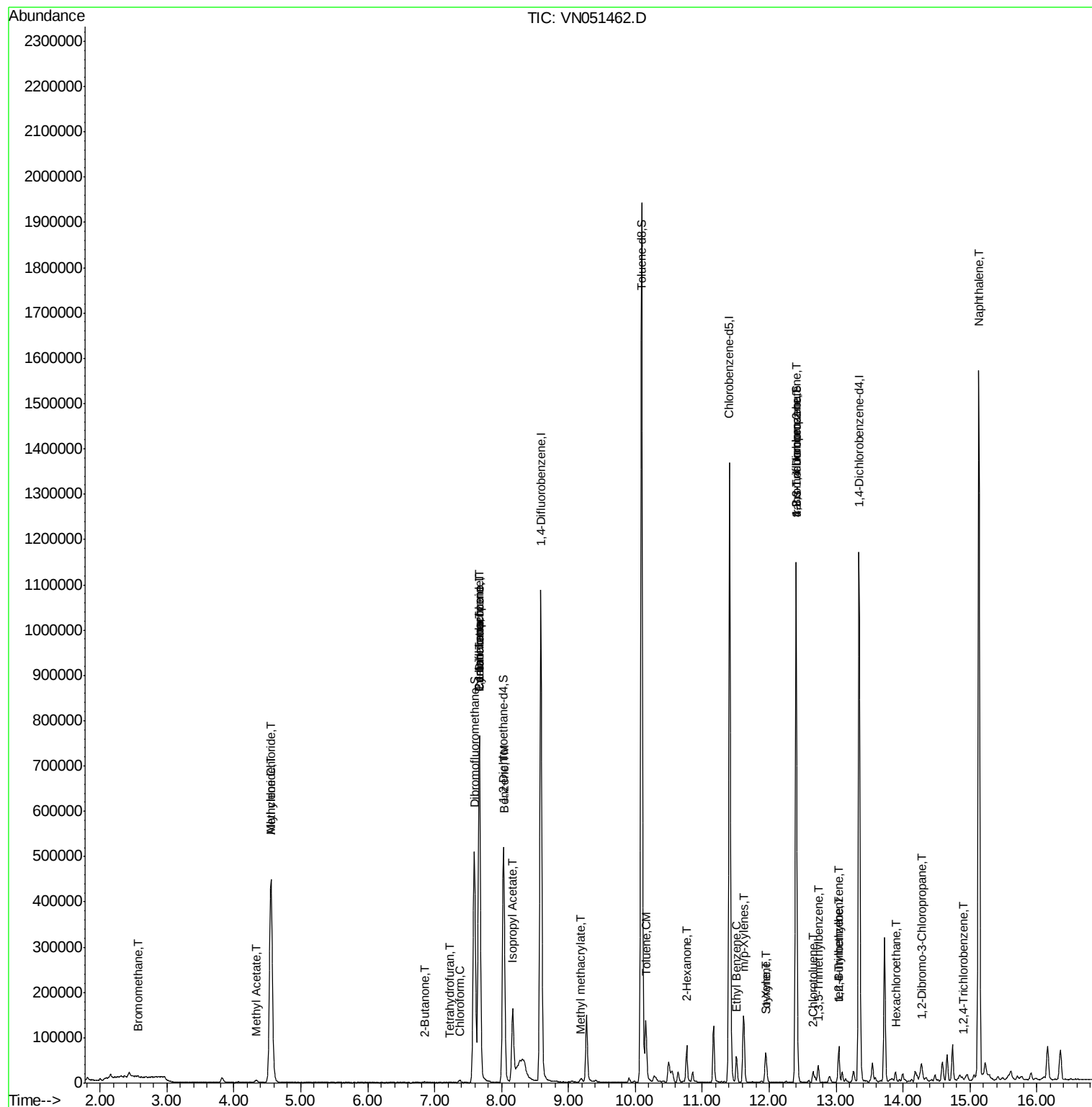
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	662867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	997753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	820976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	329254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	439661	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
35) Dibromofluoromethane	7.59	113	386595	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	10.09	98	1393900	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
62) 4-Bromofluorobenzene	12.40	95	384552	39.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.14%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.57	94	1295	0.258	ug/l #	70
8) Diethyl Ether	3.41	74	66	Below Cal	#	1
14) Allyl chloride	4.55	41	13352	1.079	ug/l #	26
16) Acetone	3.82	43	18831	Below Cal		92
18) Methyl Acetate	4.34	43	10720	1.695	ug/l #	77
20) Methylene Chloride	4.55	84	338874	41.242	ug/l	99
25) 2-Butanone	6.85	43	2705	0.952	ug/l #	83
29) Tetrahydrofuran	7.22	42	1006	0.559	ug/l #	49
30) Chloroform	7.37	83	5601	0.396	ug/l	95
31) Cyclohexane	7.67	56	12509	0.957	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46481	4.023	ug/l #	49
38) Carbon Tetrachloride	7.67	117	61265	5.069	ug/l #	16
40) Benzene	8.04	78	26116	0.770	ug/l	97
43) Isopropyl Acetate	8.17	43	201521	16.776	ug/l	98
48) Methyl methacrylate	9.18	41	5426	0.906	ug/l #	18
52) Toluene	10.16	92	52214	2.477	ug/l	99
59) 2-Hexanone	10.76	43	11874	2.772	ug/l #	56
67) Ethyl Benzene	11.51	91	41178	1.160	ug/l	98
68) m/p-Xylenes	11.62	106	47914	3.490	ug/l	98
69) o-Xylene	11.95	106	16965	1.285	ug/l	95
70) Styrene	11.97	104	7603	0.363	ug/l #	60
76) 1,2,3-Trichloropropane	12.40	75	186804	34.177	ug/l #	100
79) 2-Chlorotoluene	12.66	91	4540	0.242	ug/l #	62
80) 1,3,5-Trimethylbenzene	12.73	105	18725	0.827	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	186804	105.091	ug/l #	13
83) tert-Butylbenzene	13.04	119	6947	0.345	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.04	105	43837	1.920	ug/l	96
90) Hexachloroethane	13.89	117	1009	0.215	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	964	1.043	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	128	5.999	ug/l #	26
95) Naphthalene	15.13	128	1318864	98.446	ug/l	100

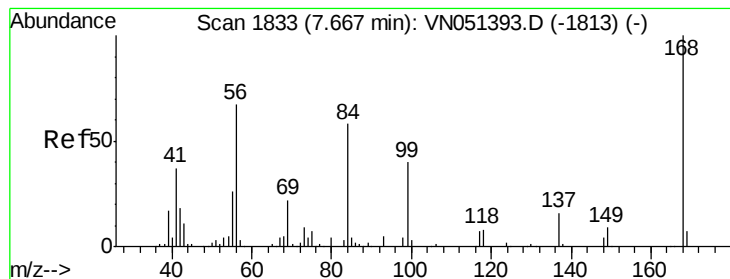
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

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MSVOA_N

ClientSampleId :

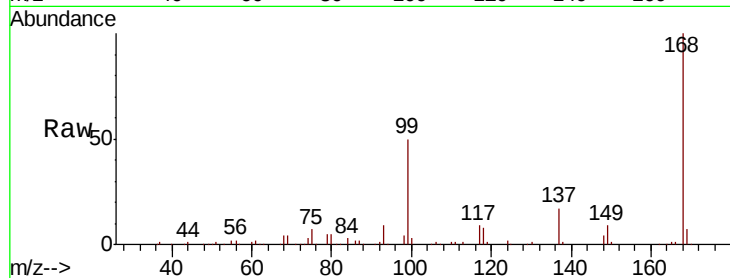
JC-02-092118-I

Tot Ion:168 Resp: 662867

Ion Ratio Lower Upper

168 100

99 50.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

300000

250000

200000

150000

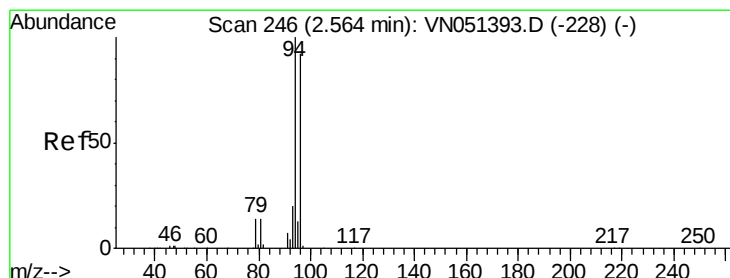
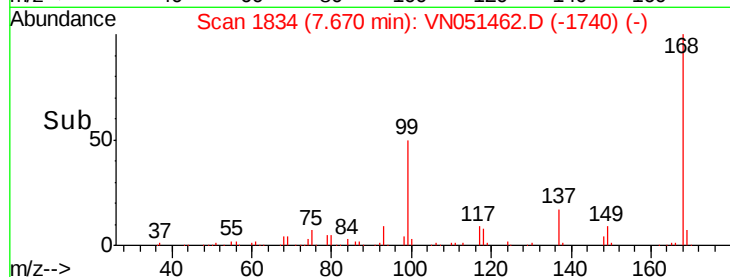
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: 0.258 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051462.D

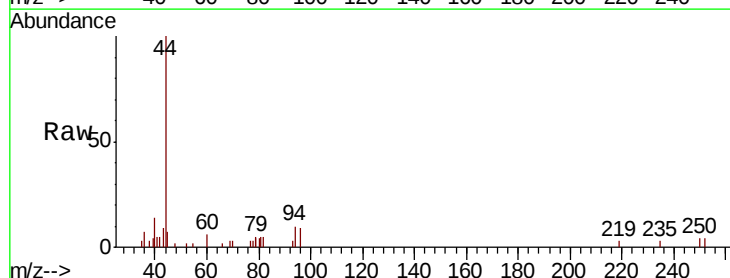
Acq: 24 Sep 2018 15:33

Tgt Ion: 94 Resp: 1295

Ion Ratio Lower Upper

94 100

96 63.4 73.6 110.4#



Abundance Ion 93.90 (93.60 to 94.60): VN051393.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN051393.D (-228) (-)

2.57

800

600

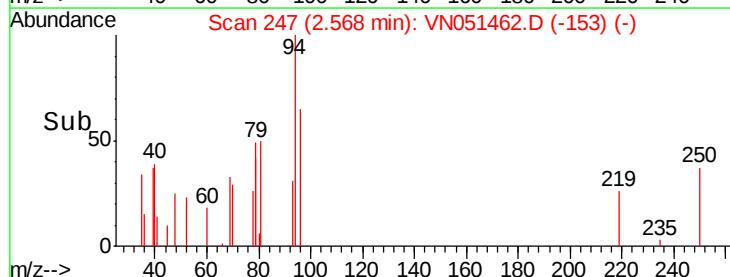
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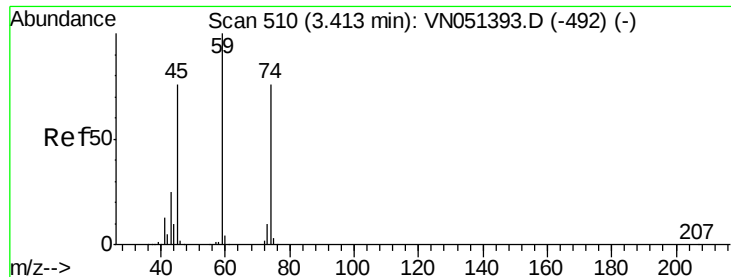
200

0

2.55 2.60

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

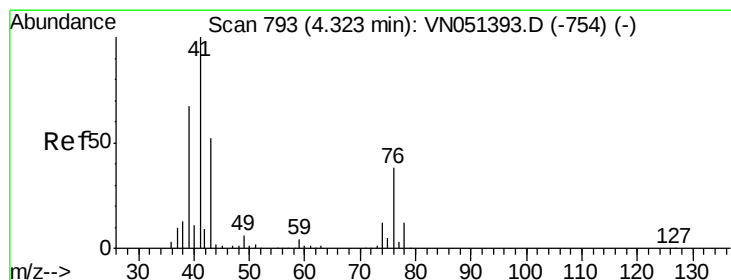
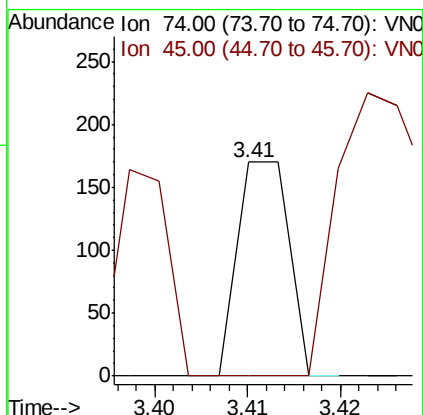
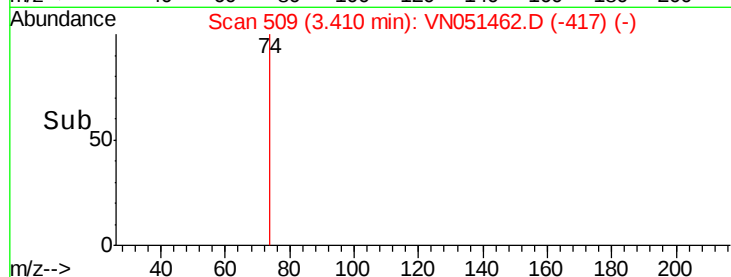
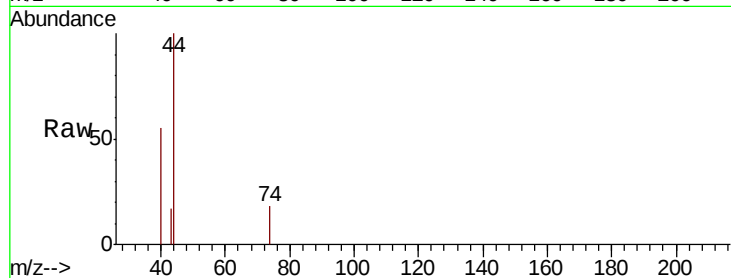
JC-02-092118-I

Tot Ion: 74 Resp: 66

Ion Ratio Lower Upper

74 100

45 222.7 50.2 150.7#



#14

Allyl chloride

Concen: 1.079 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

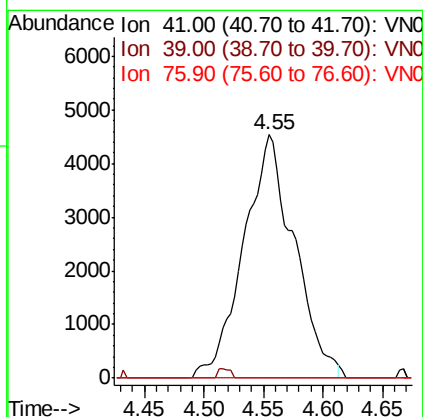
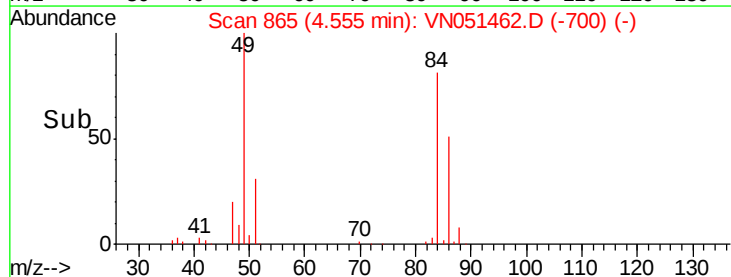
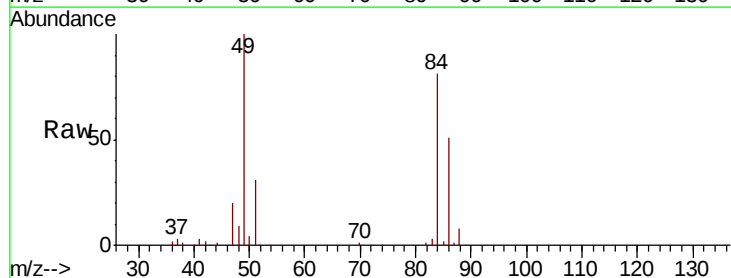
Tgt Ion: 41 Resp: 13352

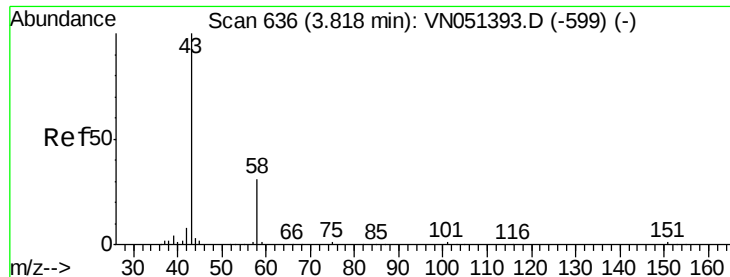
Ion Ratio Lower Upper

41 100

39 0.0 51.4 77.2#

76 0.0 28.1 42.1#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

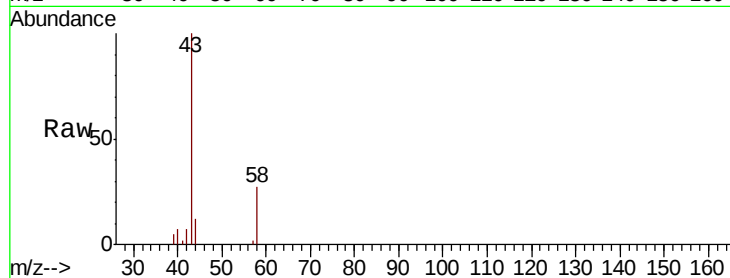
JC-02-092118-I

Tot Ion: 43 Resp: 18831

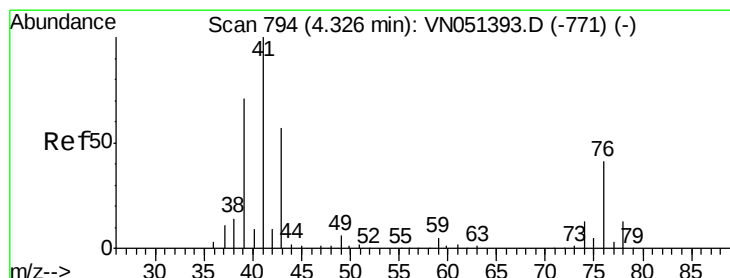
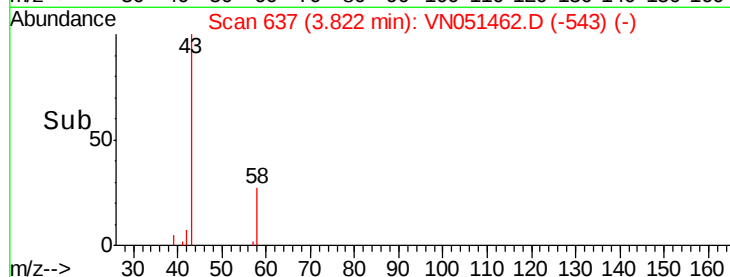
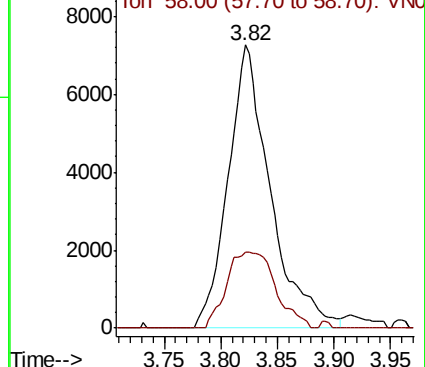
Ion Ratio Lower Upper

43 100

58 26.7 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-599) (-)



#18

Methyl Acetate

Concen: 1.695 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051462.D

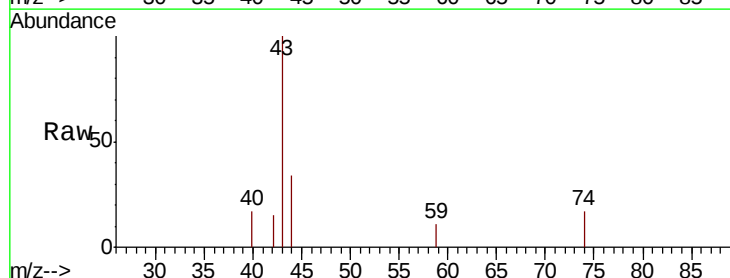
Acq: 24 Sep 2018 15:33

Tgt Ion: 43 Resp: 10720

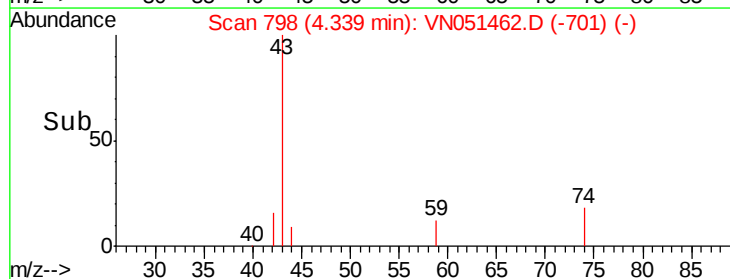
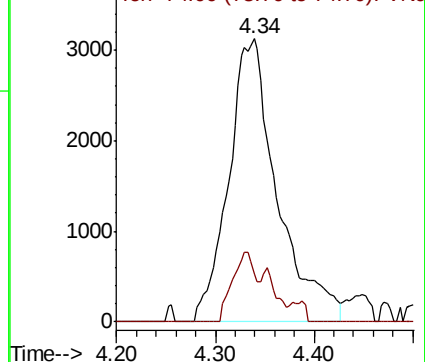
Ion Ratio Lower Upper

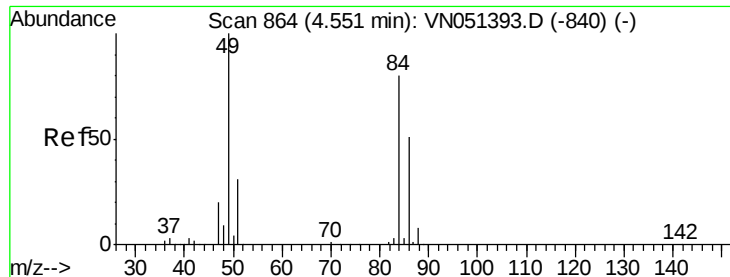
43 100

74 12.1 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-771) (-)

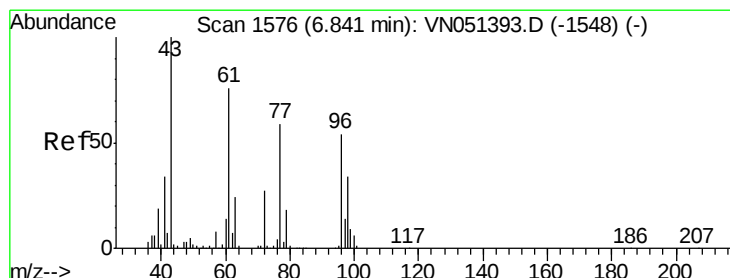
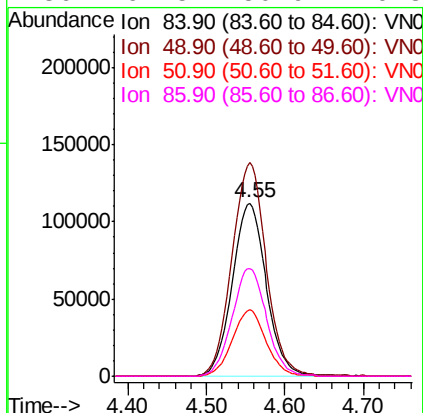
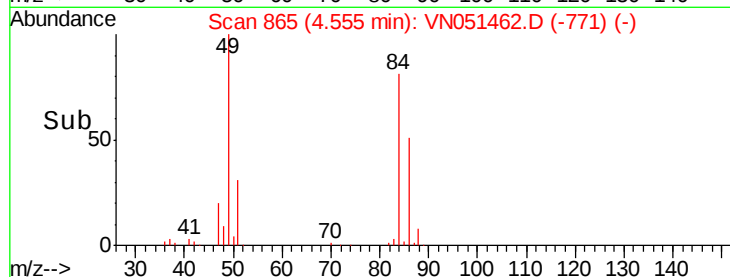
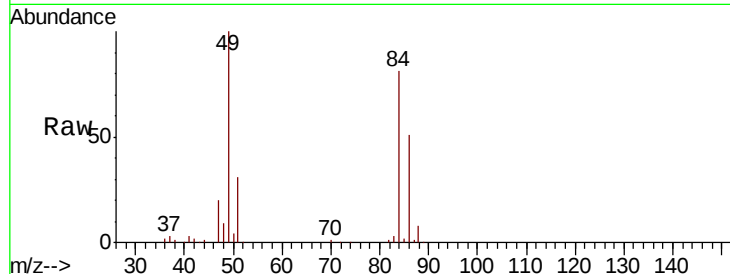




#20
Methvlene Chloride
Concen: 41.242 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

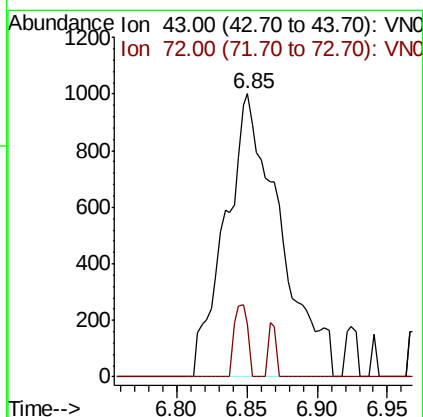
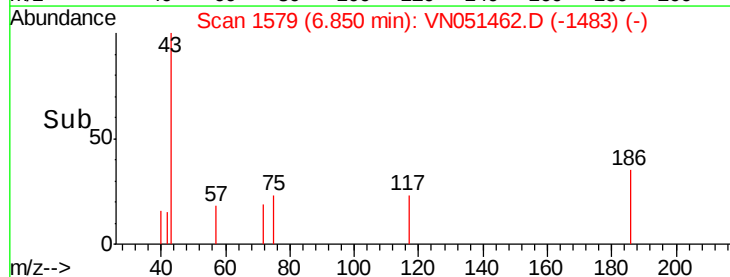
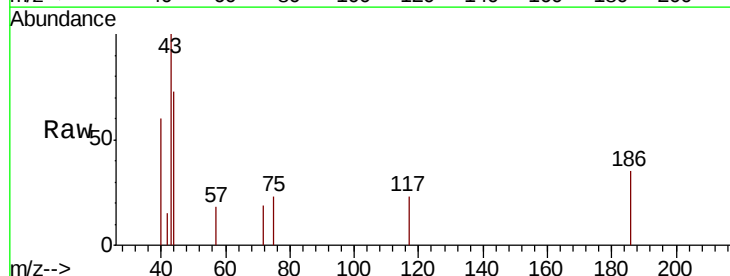
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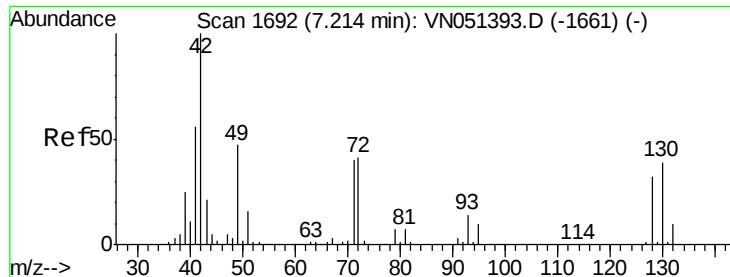
Tot Ion: 84 Resp: 338874
Ion Ratio Lower Upper
84 100
49 123.6 99.9 149.9
51 38.5 31.4 47.2
86 62.5 50.9 76.3



#25
2-Butanone
Concen: 0.952 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

Tgt Ion: 43 Resp: 2705
Ion Ratio Lower Upper
43 100
72 18.6 21.8 32.6#





#29

Tetrahydrofuran

Concen: 0.559 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-I

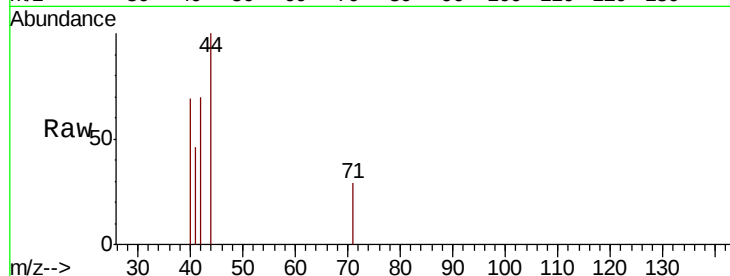
Tot Ion: 42 Resp: 1006

Ion Ratio Lower Upper

42 100

72 12.1 34.3 51.5#

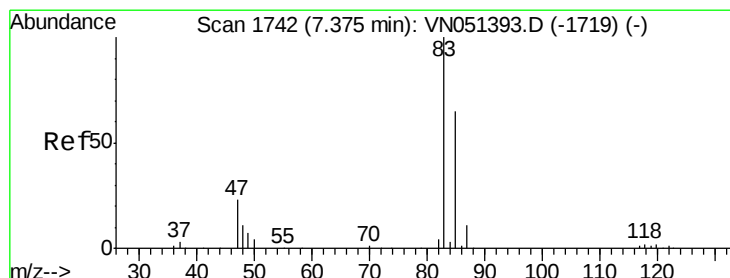
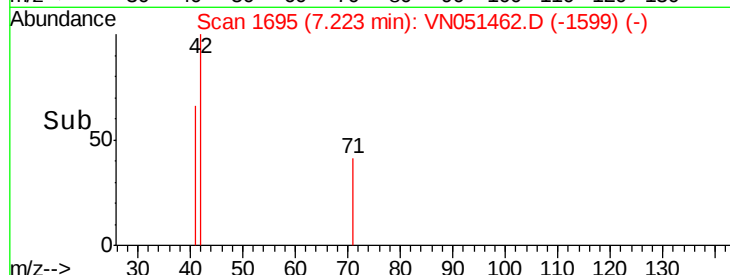
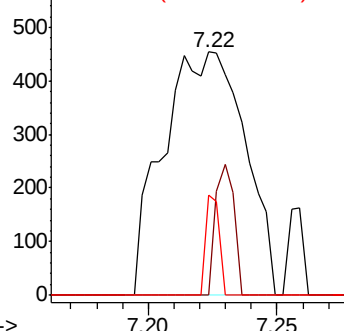
71 7.0 32.2 48.4#



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



#30

Chloroform

Concen: 0.396 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051462.D

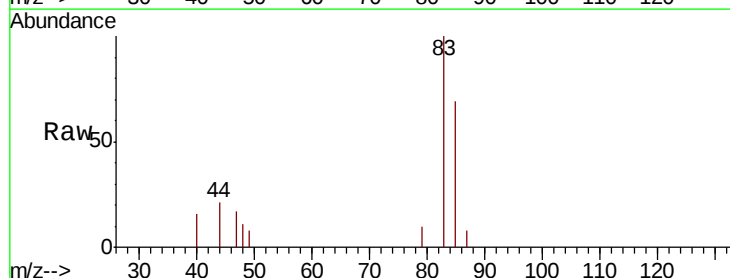
Acq: 24 Sep 2018 15:33

Tgt Ion: 83 Resp: 5601

Ion Ratio Lower Upper

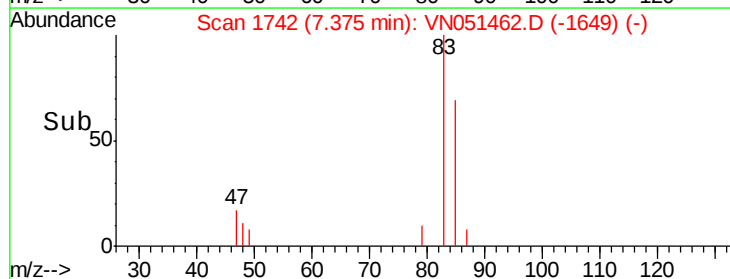
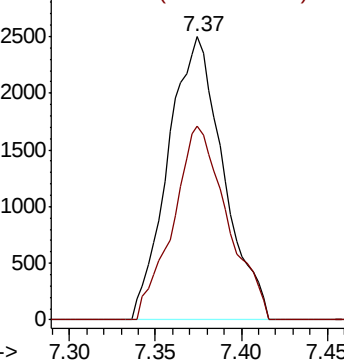
83 100

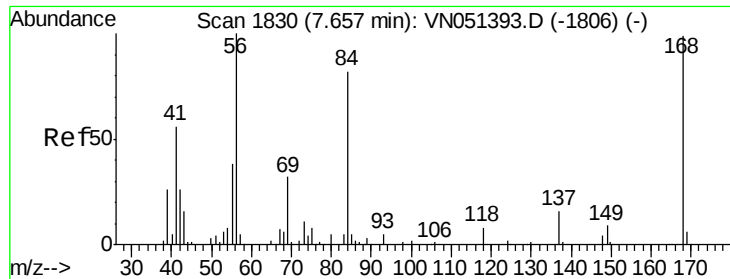
85 68.5 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

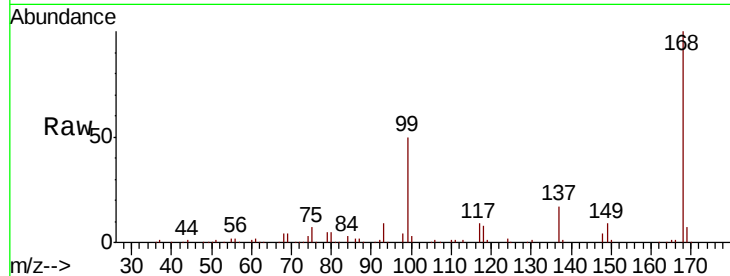




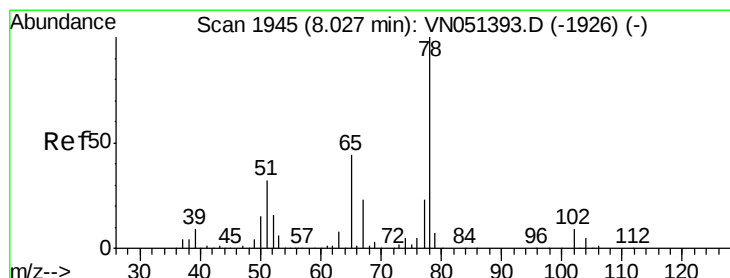
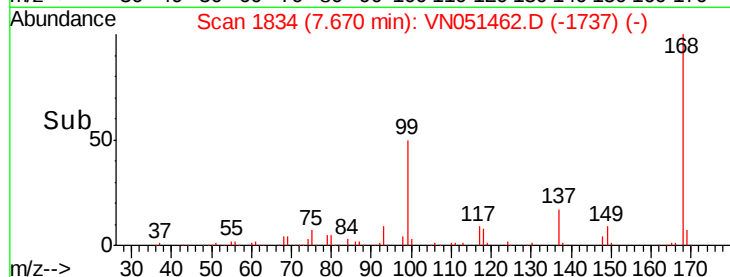
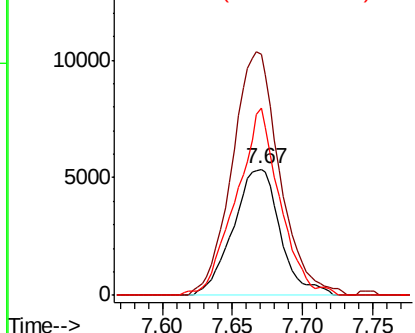
#31
Cyclohexane
Concen: 0.957 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

Instrument :
MSVOA_N
ClientSampleId :
JC-02-092118-I

Tot Ion: 56 Resp: 12509
Ion Ratio Lower Upper
56 100
69 190.9 25.8 38.6#
84 148.3 66.0 99.0#

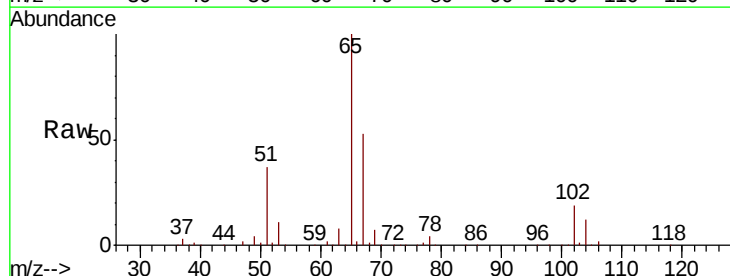


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

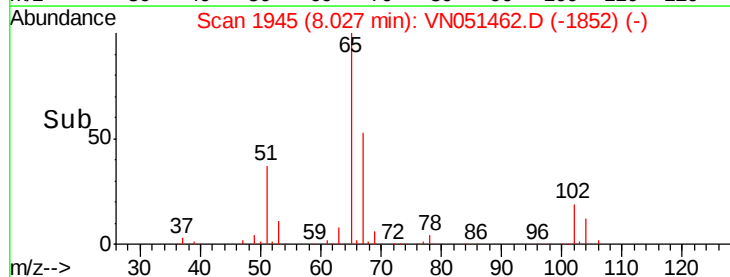
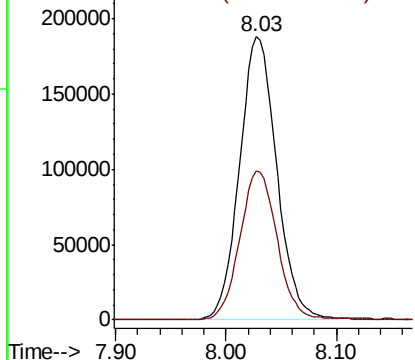


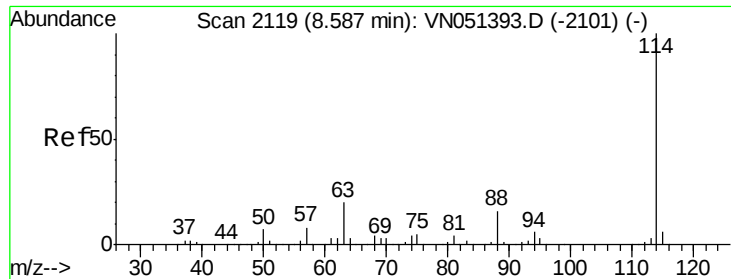
#33
1,2-Dichloroethane-d4
Concen: 52.948 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

Tgt Ion: 65 Resp: 439661
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.8



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

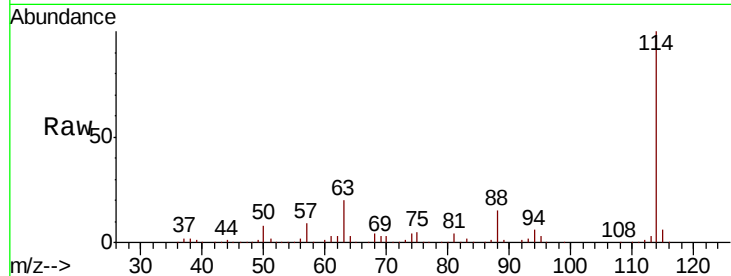




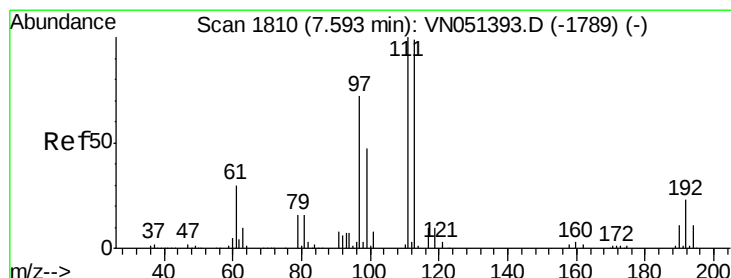
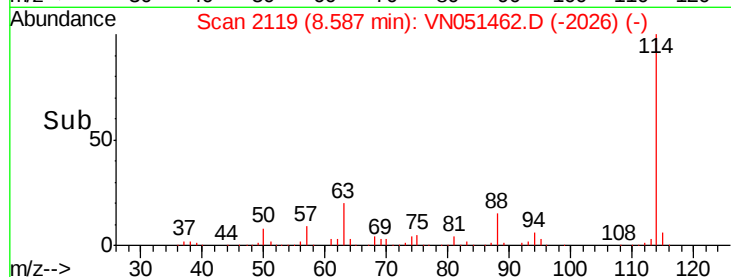
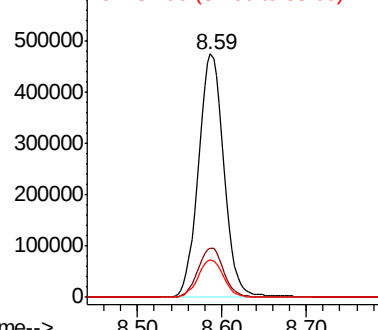
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051462.D
 Acq: 24 Sep 2018 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-I

Tot Ion:114 Resp: 997753
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 15.3 0.0 31.4

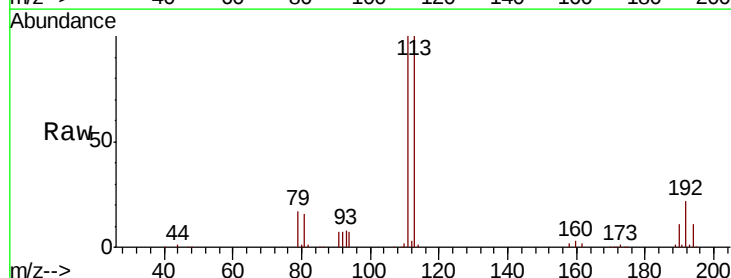


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

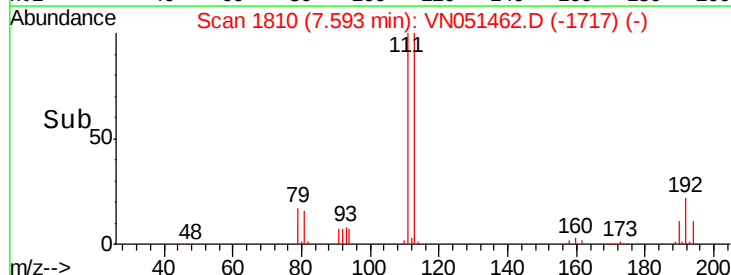
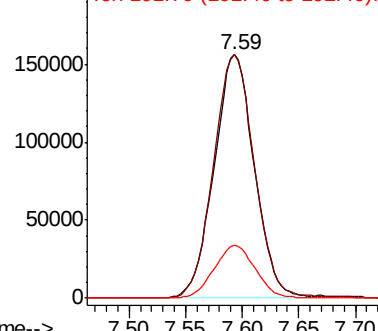


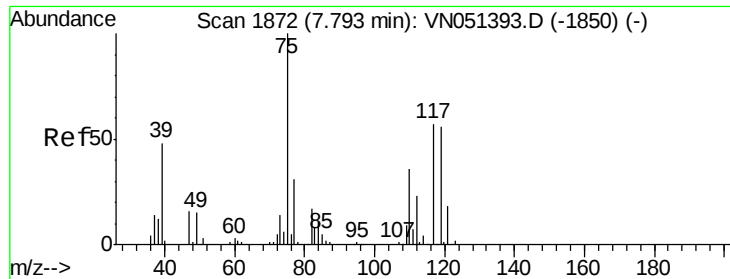
#35
 Dibromofluoromethane
 Concen: 48.454 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051462.D
 Acq: 24 Sep 2018 15:33

Tgt Ion:113 Resp: 386595
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.6 123.8
 192 22.2 18.0 27.0



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: 4.023 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-I

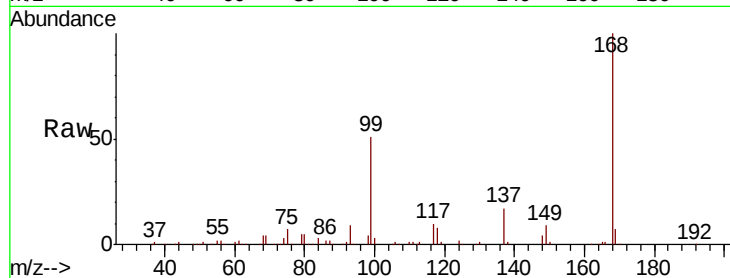
Tot Ion: 75 Resp: 46481

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.3#

77 0.0 25.6 38.4#



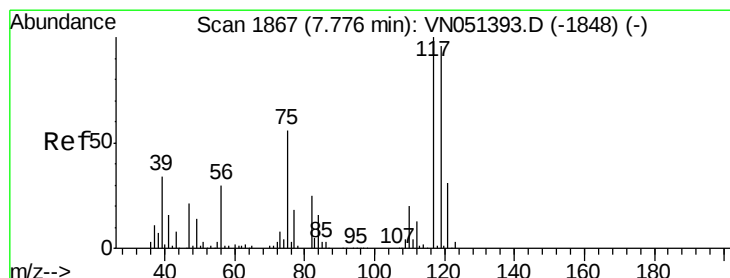
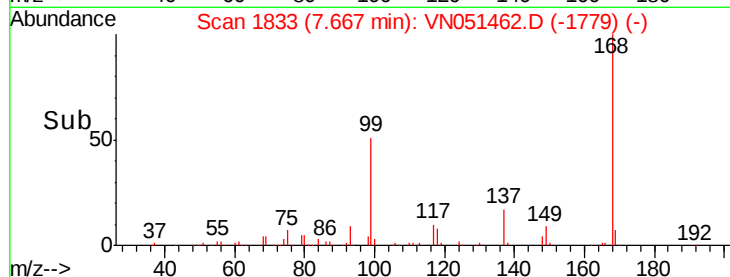
Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-1850) (-)

Ion 109.90 (109.60 to 110.60): VN051393.D (-1850) (-)

Ion 76.90 (76.60 to 77.60): VN051393.D (-1850) (-)

7.67

Time-->



#38

Carbon Tetrachloride

Concen: 5.069 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

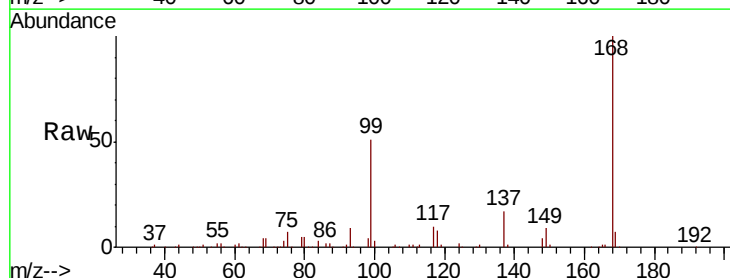
Tgt Ion: 117 Resp: 61265

Ion Ratio Lower Upper

117 100

119 5.9 76.9 115.3#

121 0.0 24.6 37.0#



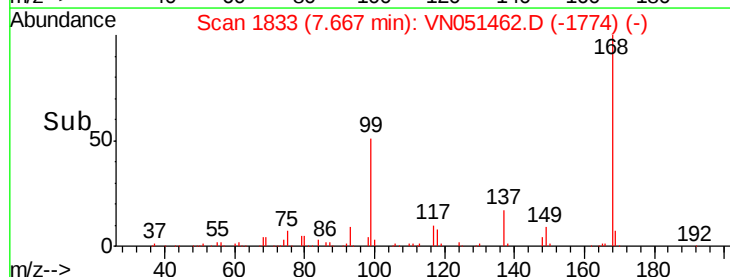
Abundance Ion 116.80 (116.50 to 117.50): VN051393.D (-1848) (-)

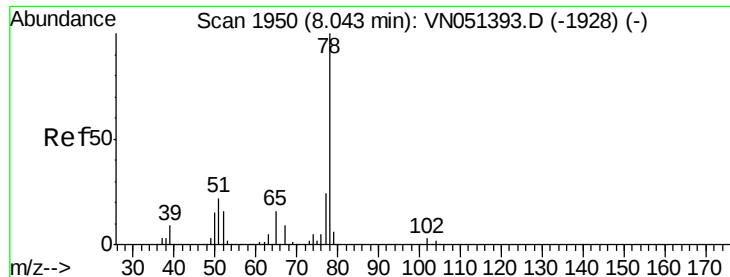
Ion 118.80 (118.50 to 119.50): VN051393.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN051393.D (-1848) (-)

7.67

Time-->





#40

Benzene

Concen: 0.770 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

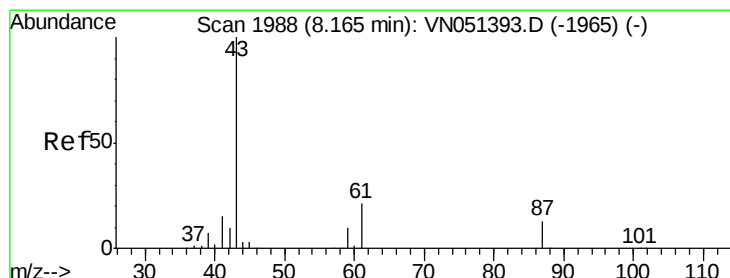
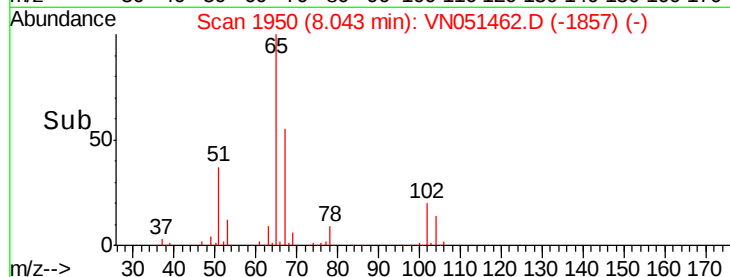
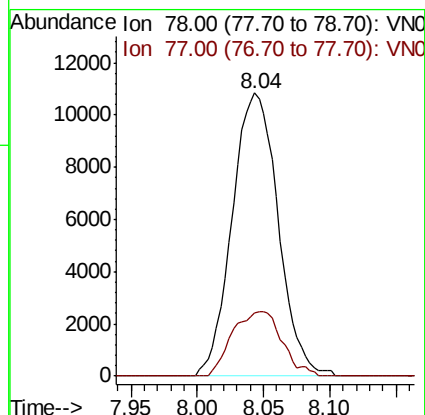
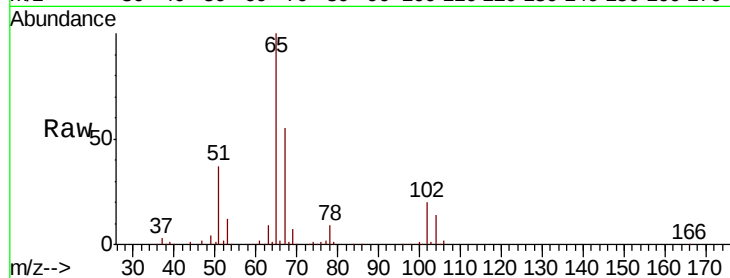
JC-02-092118-I

Tot Ion: 78 Resp: 26116

Ion Ratio Lower Upper

78 100

77 22.4 19.2 28.8



#43

Isopropyl Acetate

Concen: 16.776 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

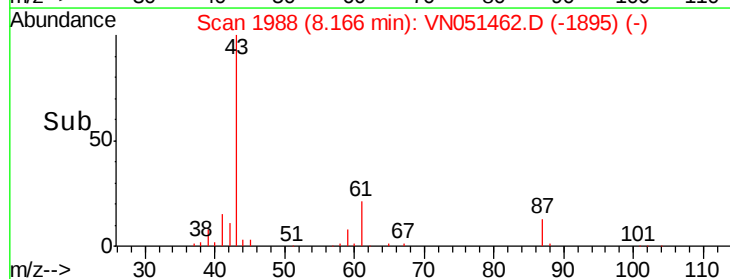
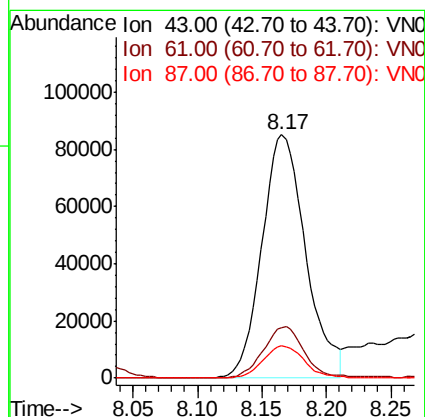
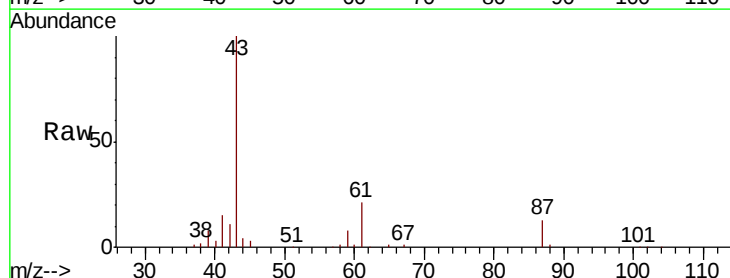
Tgt Ion: 43 Resp: 201521

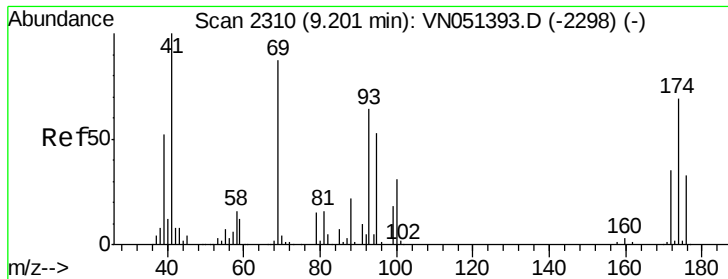
Ion Ratio Lower Upper

43 100

61 19.7 16.8 25.2

87 12.7 10.7 16.1

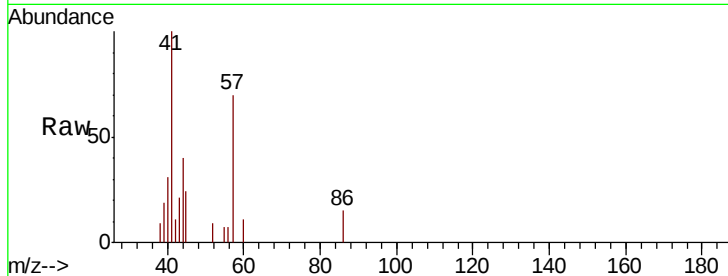




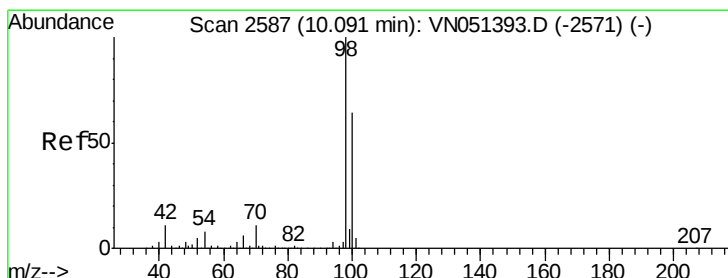
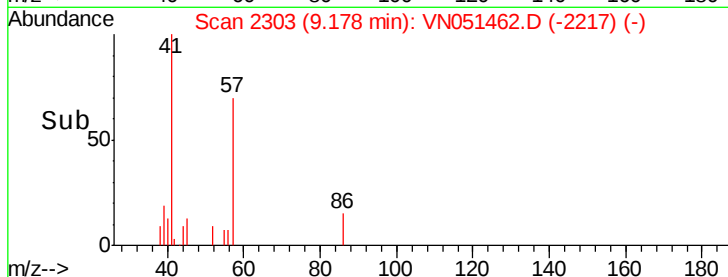
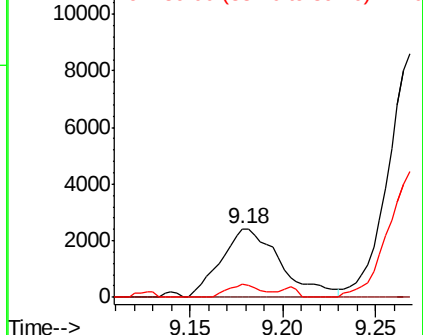
#48
Methvl methacrylate
Concen: 0.906 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

Instrument :
MSVOA_N
ClientSampleId :
JC-02-092118-I

Tot Ion: 41 Resp: 5426
Ion Ratio Lower Upper
41 100
69 0.0 70.4 105.6#
39 10.4 43.8 65.8#

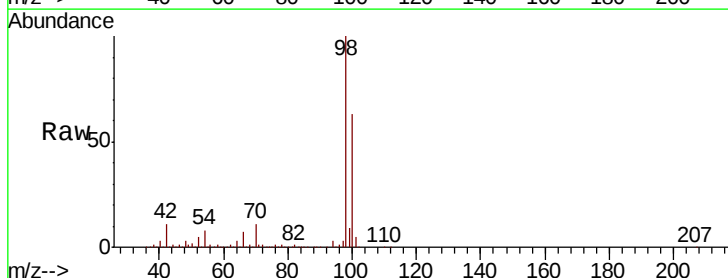


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

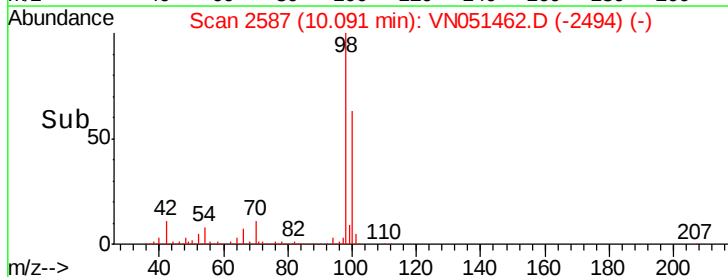
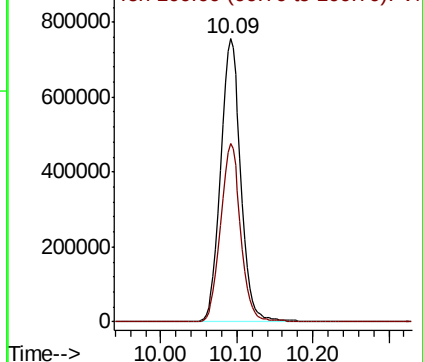


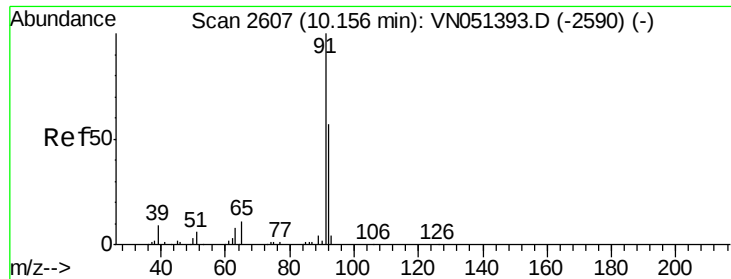
#50
Toluene-d8
Concen: 46.395 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

Tgt Ion: 98 Resp: 1393900
Ion Ratio Lower Upper
98 100
100 62.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 2.477 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

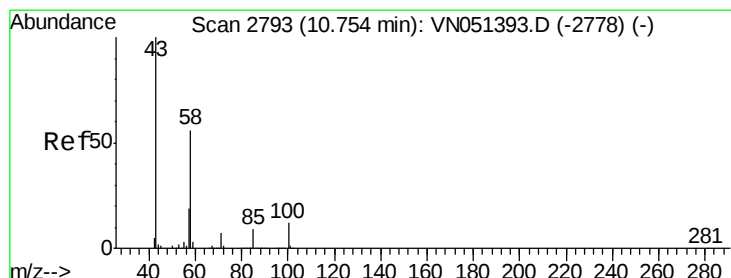
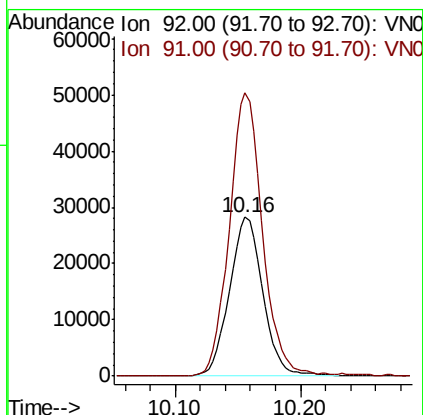
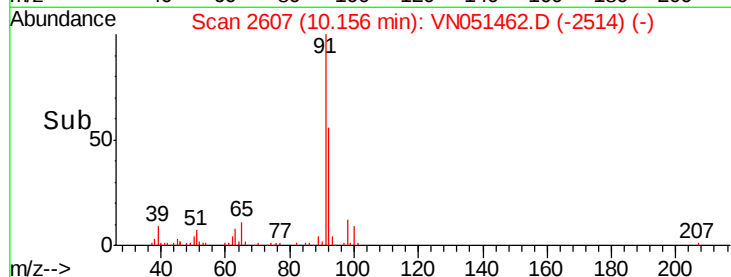
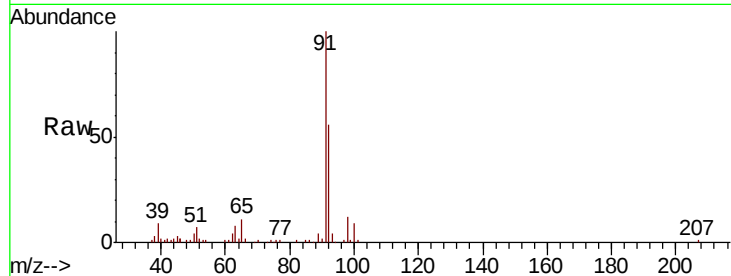
JC-02-092118-I

Tot Ion: 92 Resp: 52214

Ion Ratio Lower Upper

92 100

91 176.5 142.2 213.4



#59

2-Hexanone

Concen: 2.772 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN051462.D

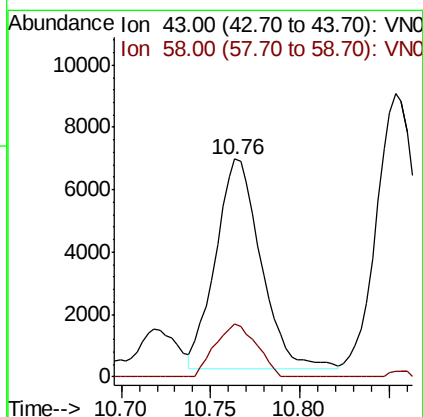
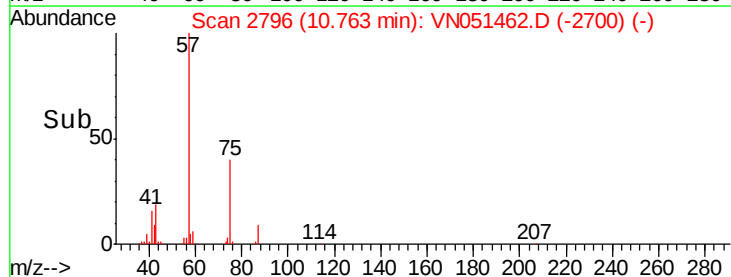
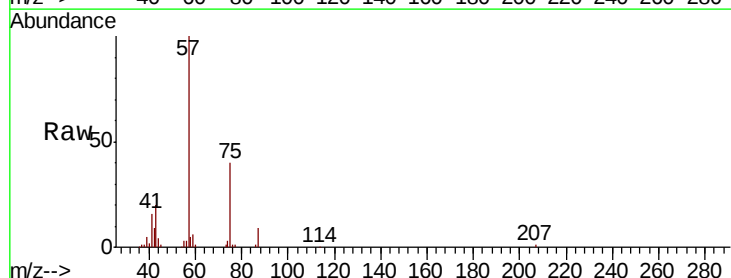
Acq: 24 Sep 2018 15:33

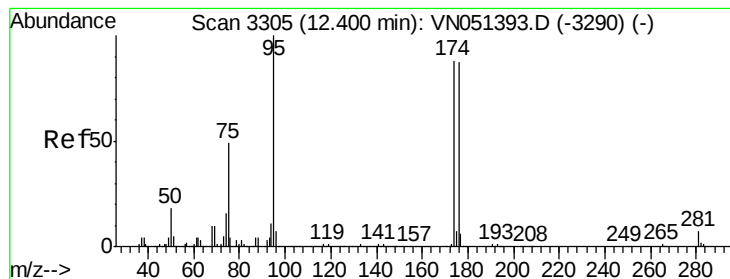
Tgt Ion: 43 Resp: 11874

Ion Ratio Lower Upper

43 100

58 23.3 27.7 83.0#





#62

4-Bromofluorobenzene

Concen: 39.566 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-I

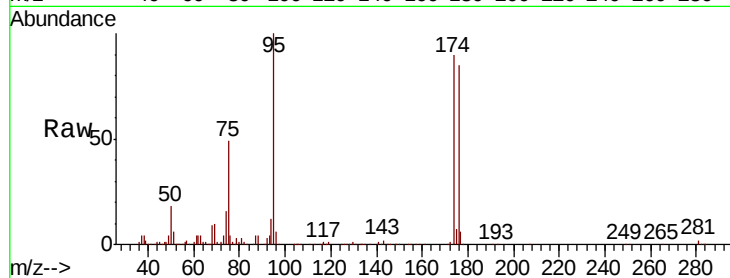
Tot Ion: 95 Resp: 384552

Ion Ratio Lower Upper

95 100

174 91.2 0.0 181.6

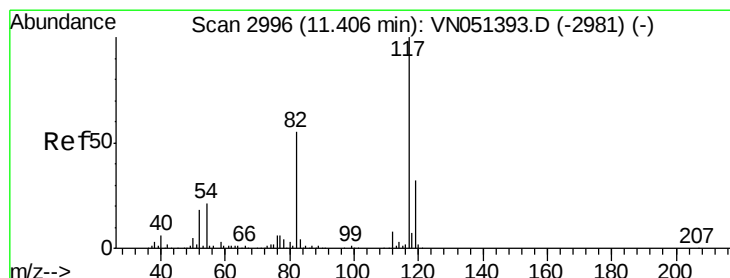
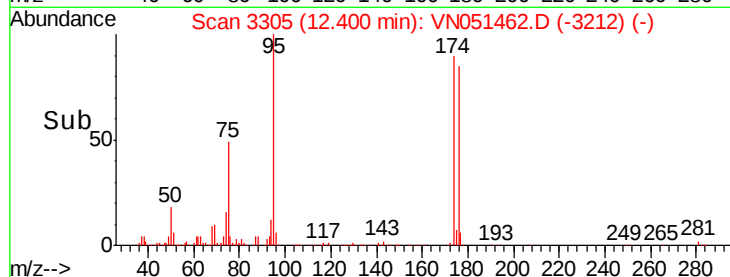
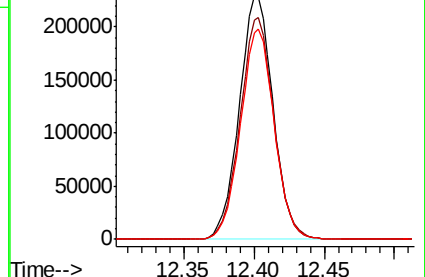
176 86.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

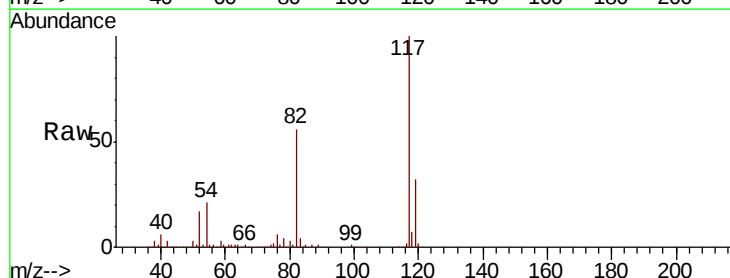
Tgt Ion: 117 Resp: 820976

Ion Ratio Lower Upper

117 100

82 55.7 44.2 66.2

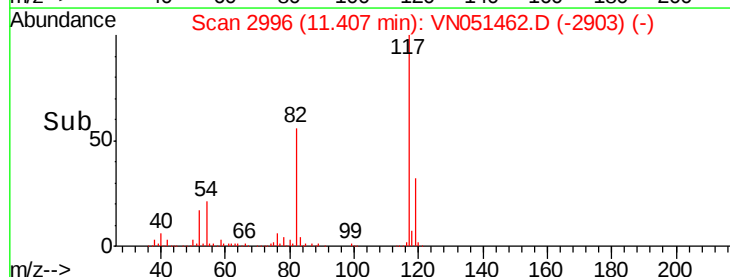
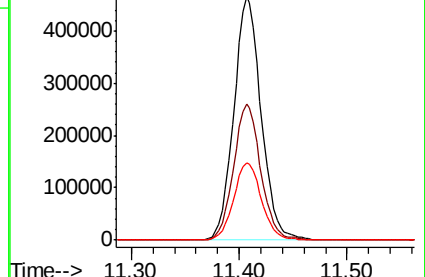
119 32.0 25.9 38.9

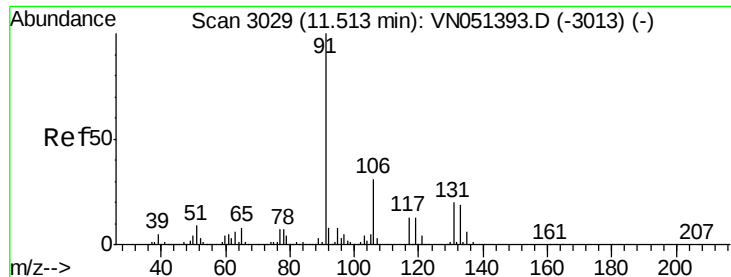


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

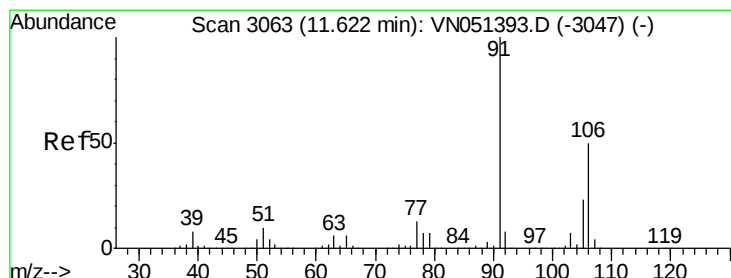
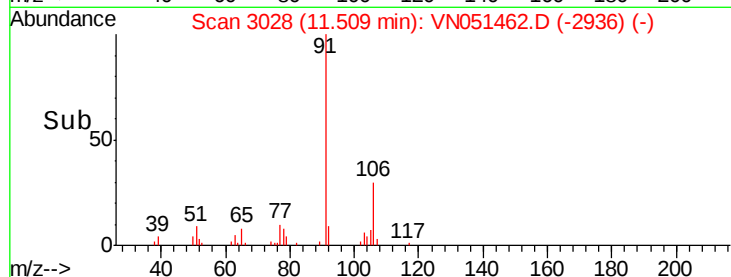
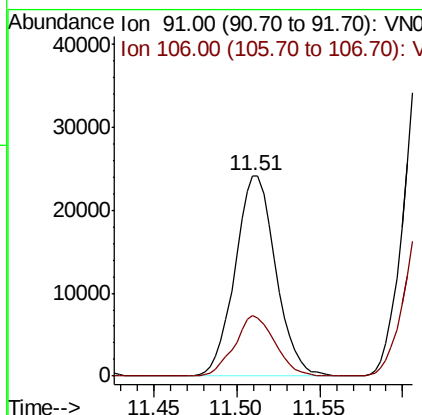
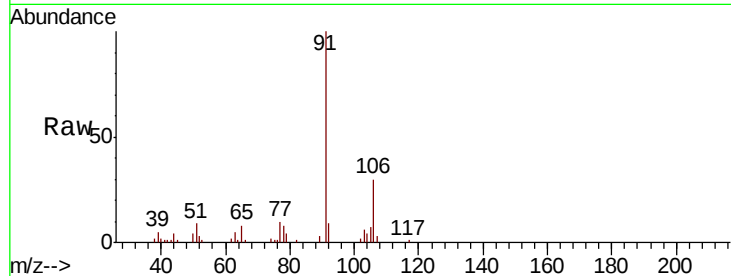




#67
Ethyl Benzene
Concen: 1.160 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

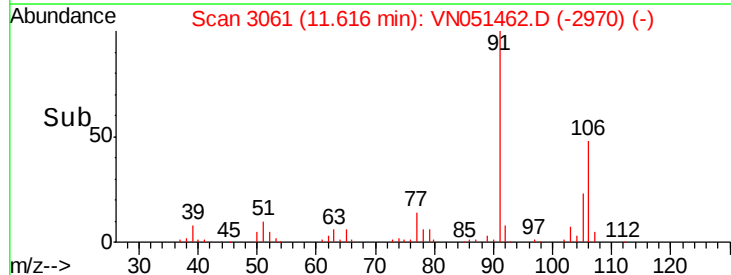
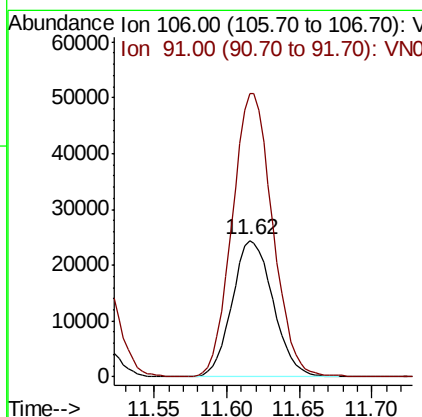
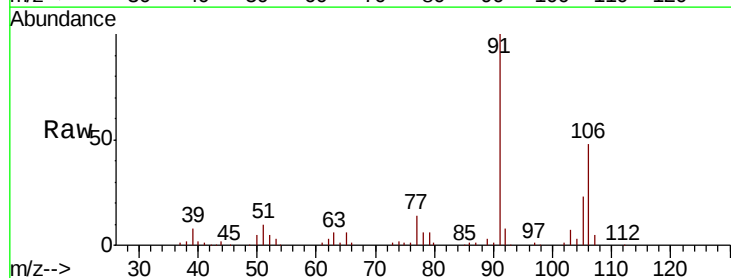
Instrument :
MSVOA_N
ClientSampleId :
JC-02-092118-I

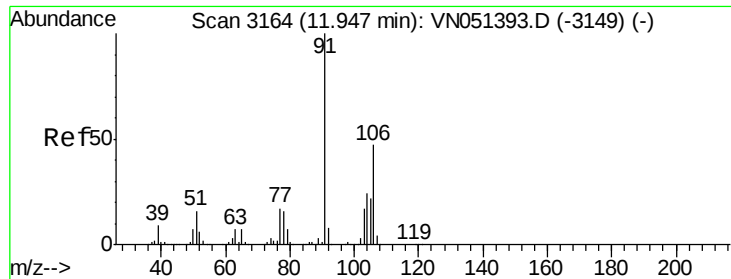
Tot Ion: 91 Resp: 41178
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4



#68
m/p-Xylenes
Concen: 3.490 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

Tgt Ion: 106 Resp: 47914
Ion Ratio Lower Upper
106 100
91 205.2 161.3 241.9

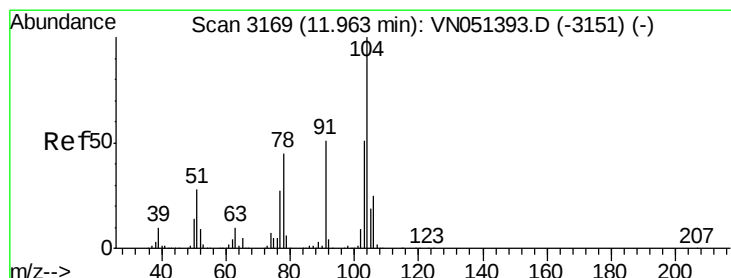
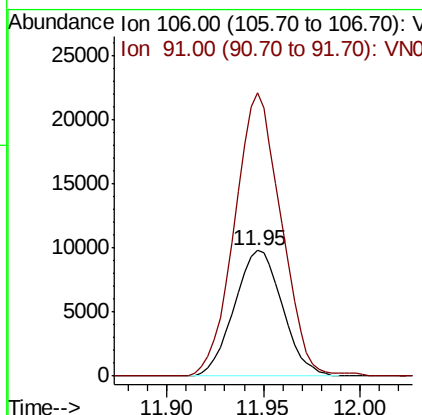
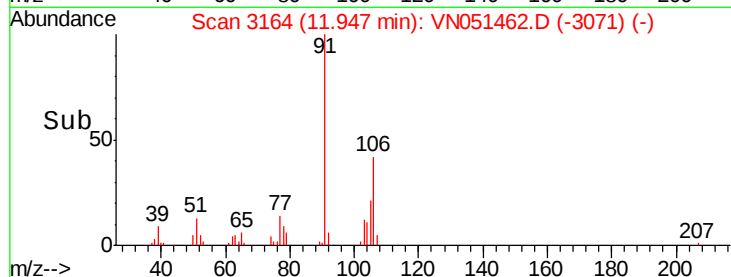
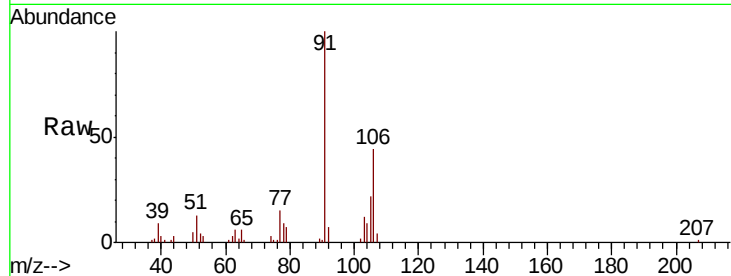




#69
o-Xylene
Concen: 1.285 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

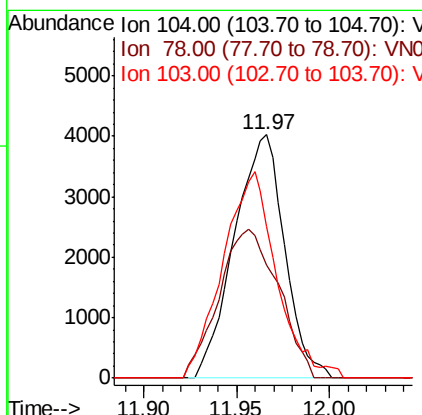
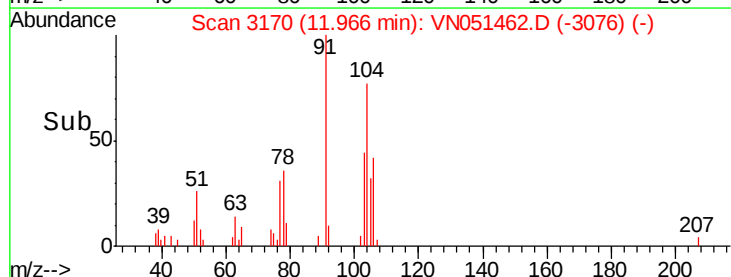
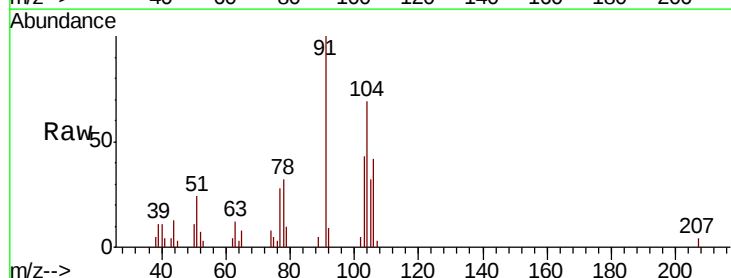
Instrument :
MSVOA_N
ClientSampleId :
JC-02-092118-I

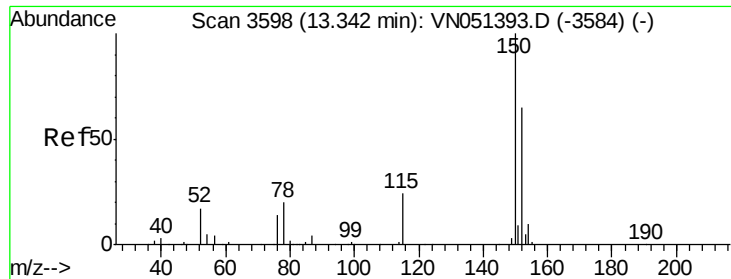
Tot Ion:106 Resp: 16965
Ion Ratio Lower Upper
106 100
91 218.1 105.3 315.9



#70
Styrene
Concen: 0.363 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

Tgt Ion:104 Resp: 7603
Ion Ratio Lower Upper
104 100
78 72.1 39.9 59.9#
103 90.2 44.6 66.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-I

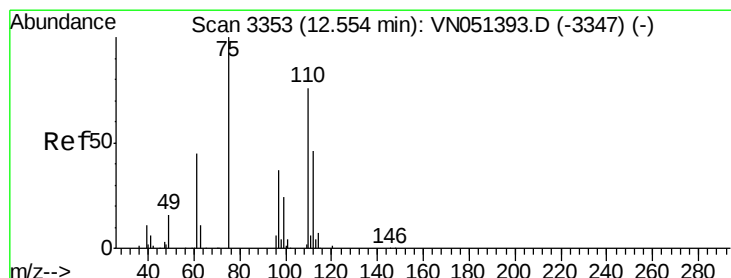
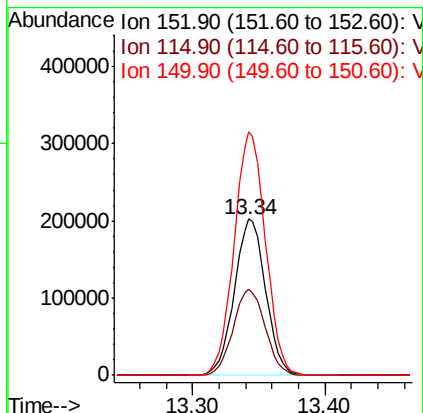
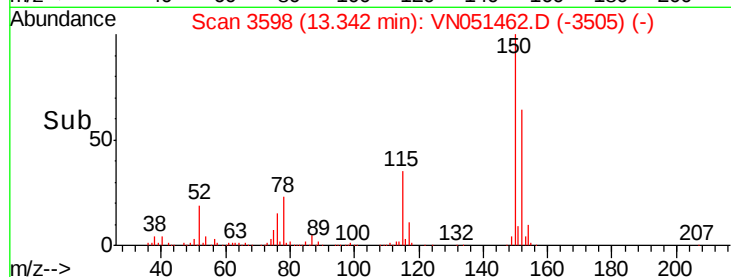
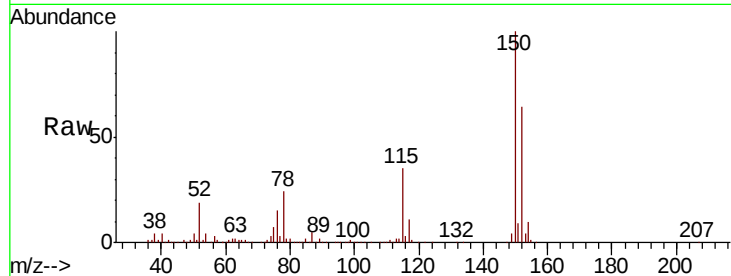
Tot Ion:152 Resp: 329254

Ion Ratio Lower Upper

152 100

115 56.7 28.3 84.9

150 156.6 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 34.177 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051462.D

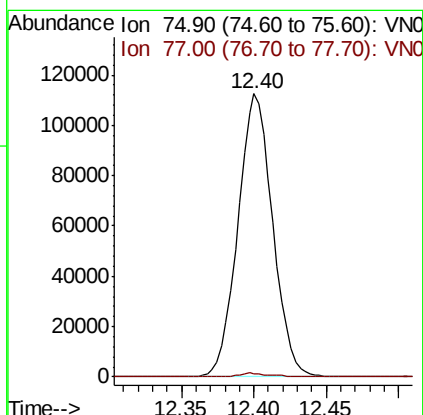
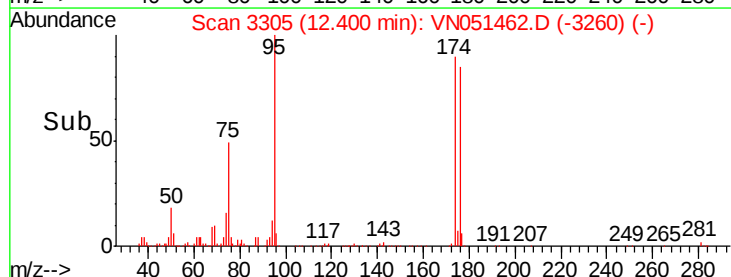
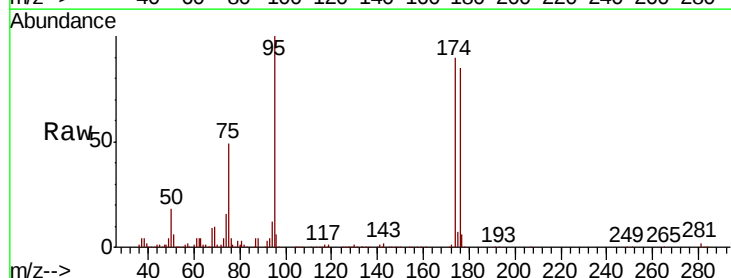
Acq: 24 Sep 2018 15:33

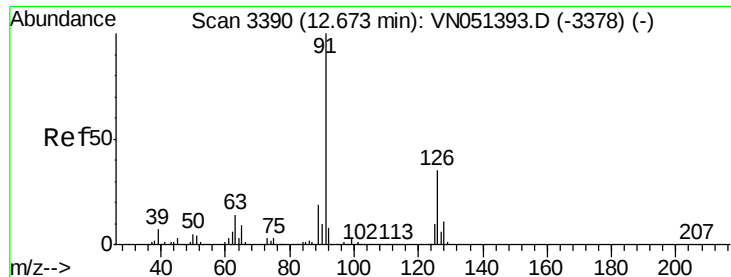
Tgt Ion: 75 Resp: 186804

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: 0.242 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. -0.01 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

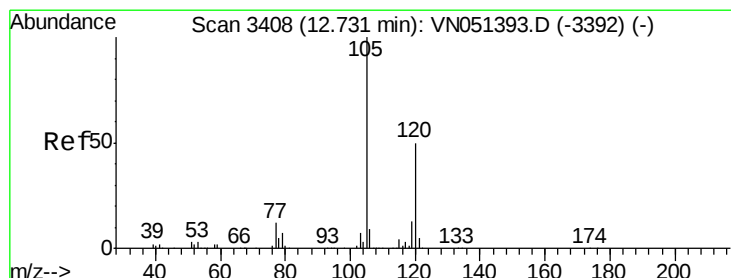
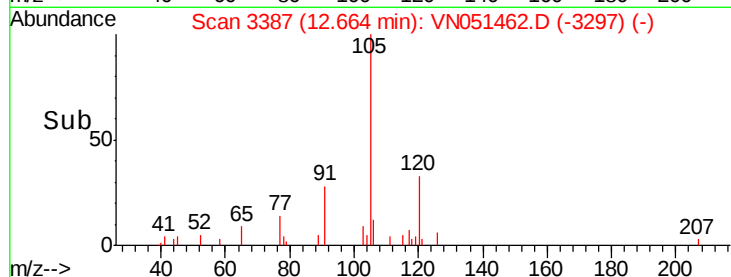
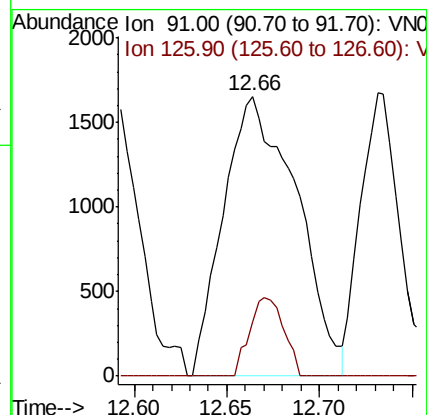
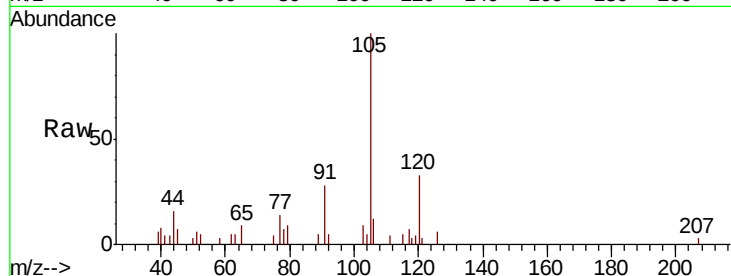
JC-02-092118-I

Tot Ion: 91 Resp: 4540

Ion Ratio Lower Upper

91 100

126 13.1 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.827 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051462.D

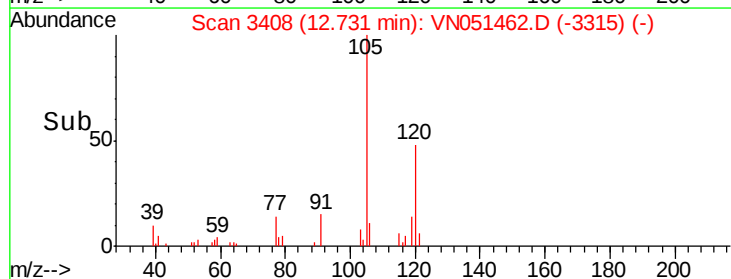
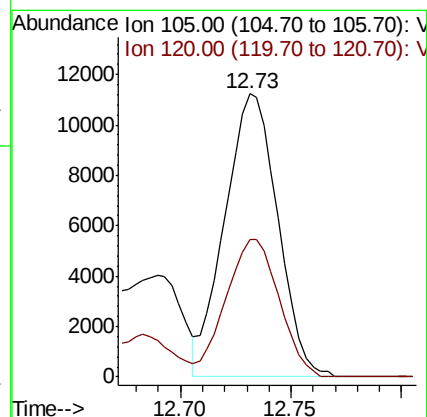
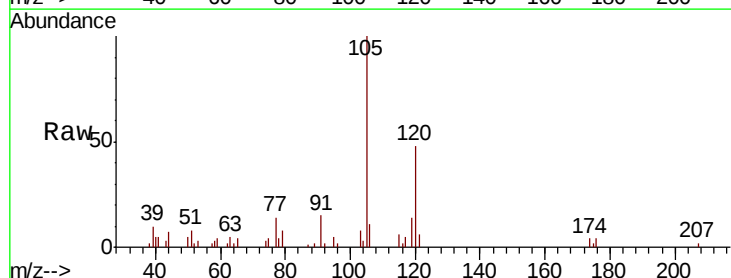
Acq: 24 Sep 2018 15:33

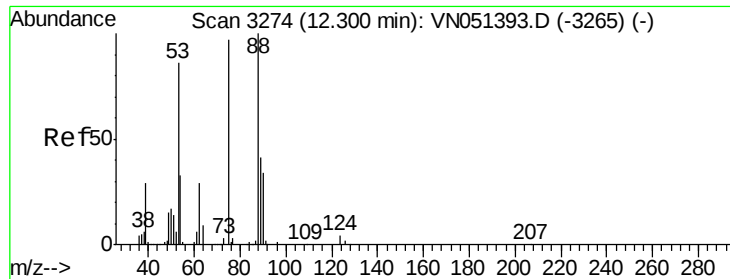
Tgt Ion: 105 Resp: 18725

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4

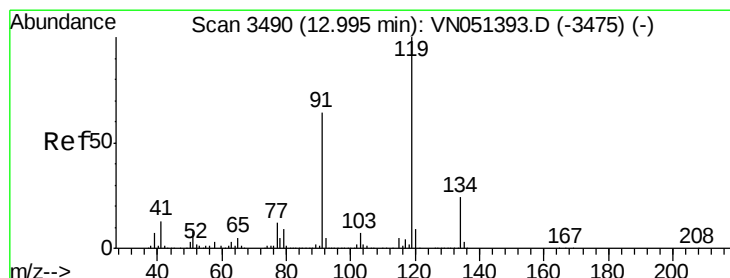
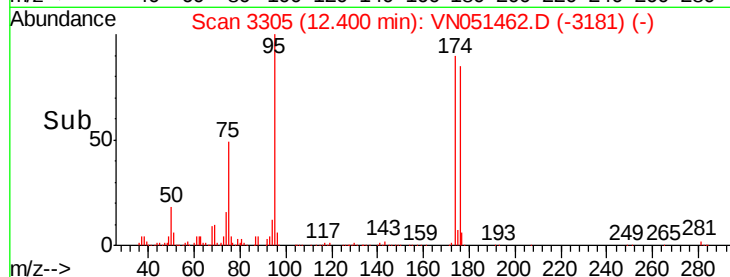
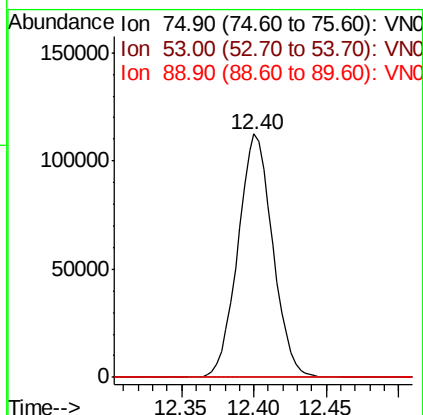
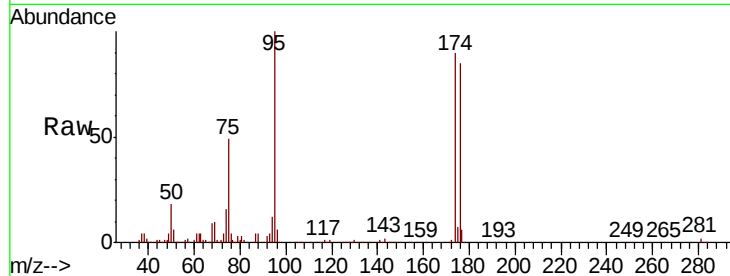




#81
trans-1,4-Dichloro-2-butene
Concen: 105.091 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

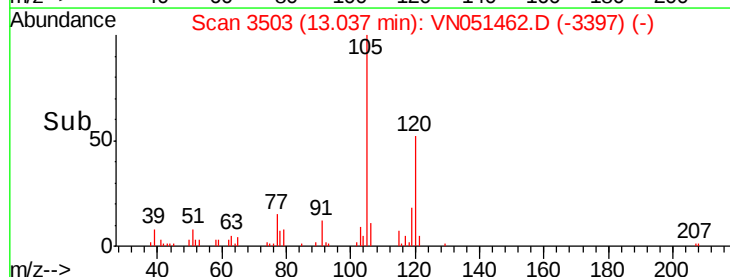
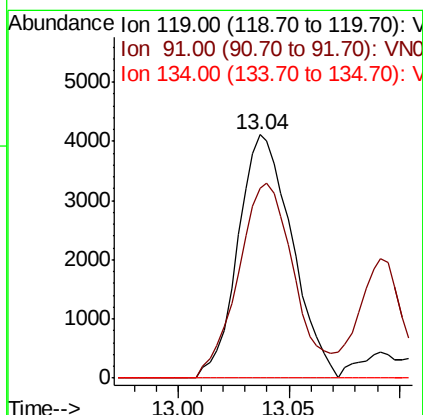
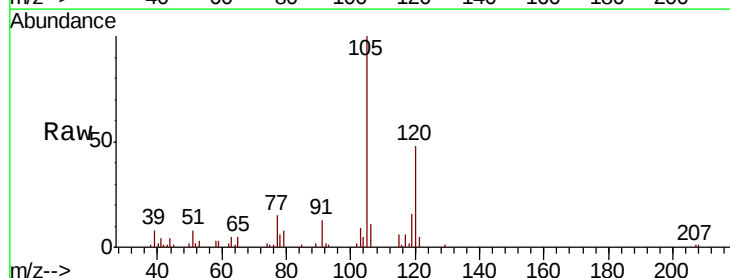
Instrument :
MSVOA_N
ClientSampleId :
JC-02-092118-I

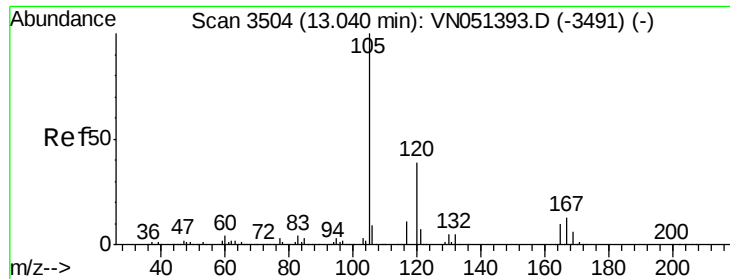
Tot Ion: 75 Resp: 186804
Ion Ratio Lower Upper
75 100
53 0.3 73.9 110.9#
89 0.0 36.7 55.1#



#83
tert-Butylbenzene
Concen: 0.345 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.04 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

Tgt Ion: 119 Resp: 6947
Ion Ratio Lower Upper
119 100
91 82.7 31.7 95.1
134 0.0 12.3 36.9#

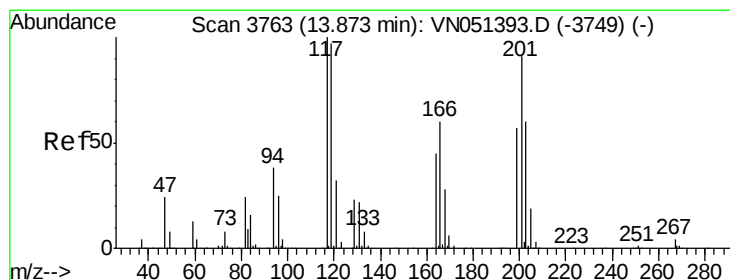
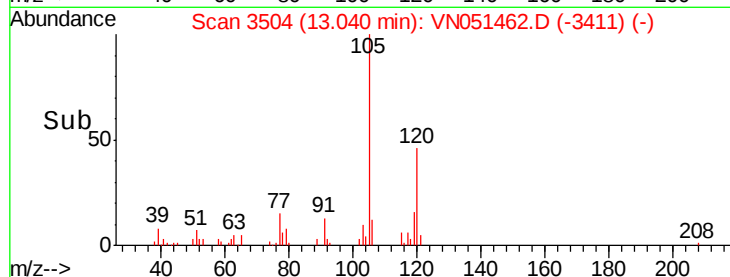
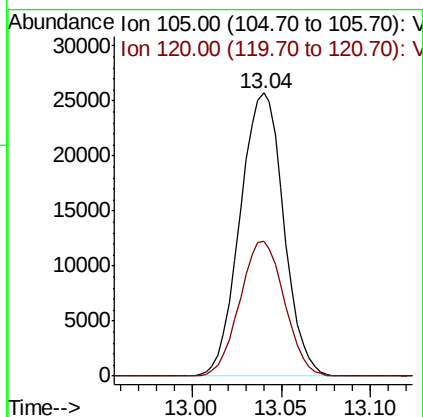
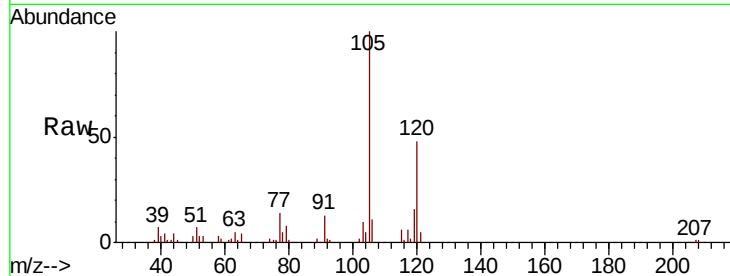




#84
 1,2,4-Trimethylbenzene
 Concen: 1.920 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051462.D
 Acq: 24 Sep 2018 15:33

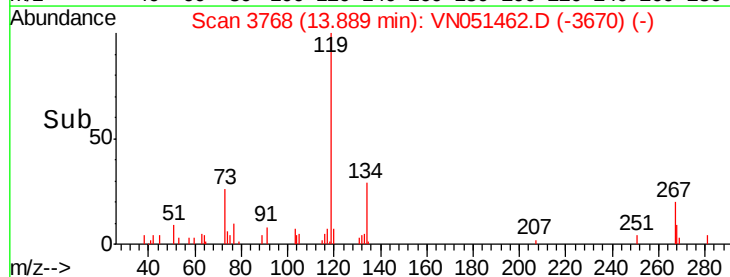
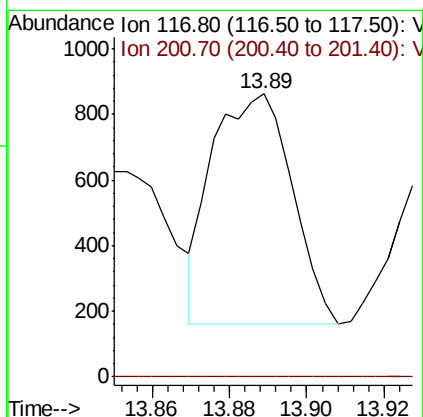
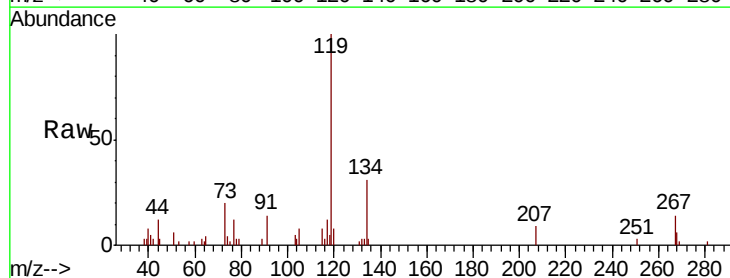
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-092118-I

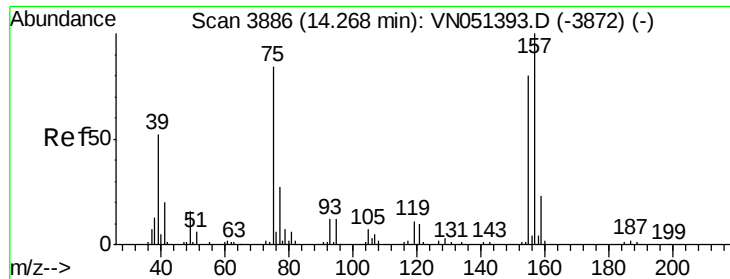
Tot Ion:105 Resp: 43837
 Ion Ratio Lower Upper
 105 100
 120 48.5 22.9 68.7



#90
 Hexachloroethane
 Concen: 0.215 ug/l
 RT: 13.89 min Scan# 3768
 Delta R.T. 0.02 min
 Lab File: VN051462.D
 Acq: 24 Sep 2018 15:33

Tgt Ion:117 Resp: 1009
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.5 136.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.043 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.01 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-I

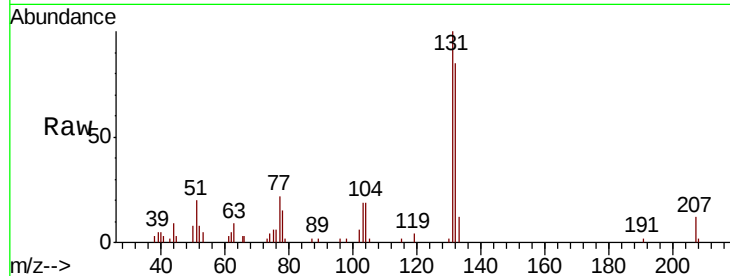
Tot Ion: 75 Resp: 964

Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.6#

157 0.0 58.4 175.1#



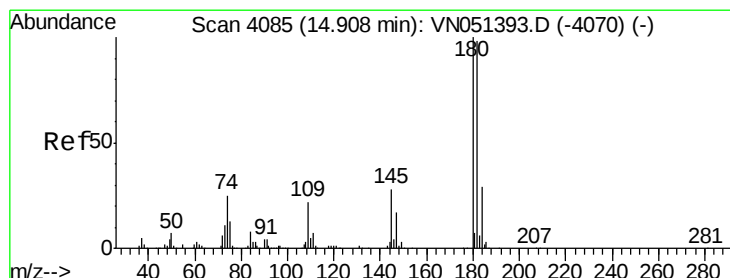
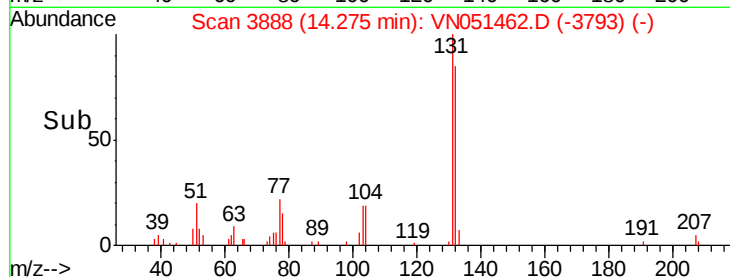
Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-3872) (-)

Ion 154.80 (154.50 to 155.50): VN051393.D (-3872) (-)

Ion 156.80 (156.50 to 157.50): VN051393.D (-3872) (-)

14.27

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 5.999 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

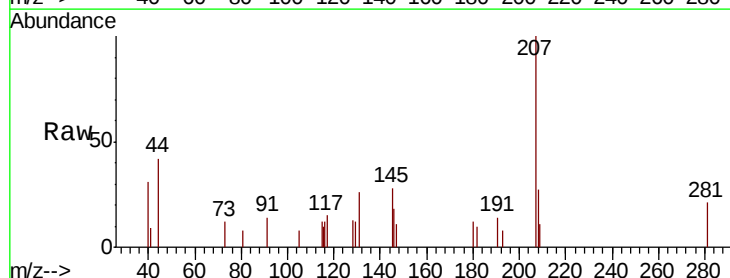
Tgt Ion: 180 Resp: 128

Ion Ratio Lower Upper

180 100

182 175.8 48.5 145.6#

145 0.0 14.1 42.4#



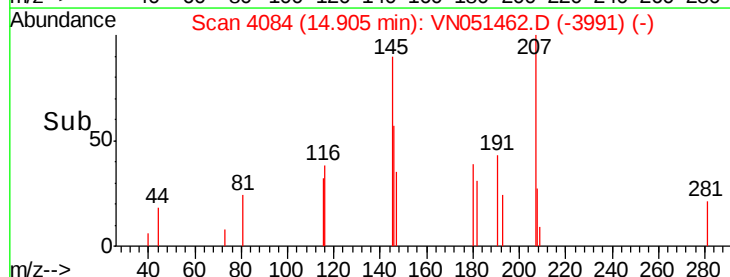
Abundance Ion 179.80 (179.50 to 180.50): VN051393.D (-4070) (-)

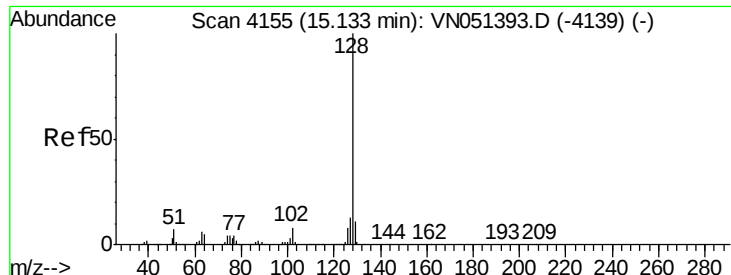
Ion 181.80 (181.50 to 182.50): VN051393.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN051393.D (-4070) (-)

14.90

Time-->





#95

Naphthalene

Concen: 98.446 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051462.D

Acq: 24 Sep 2018 15:33

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-I

Tot Ion:128 Resp: 1318864

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.7 8.6 12.8

