

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 03:55:03 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	439661	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
35) Dibromofluoromethane	7.59	113	386595	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	10.09	98	1393900	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
62) 4-Bromofluorobenzene	12.40	95	384552	39.57	ug/l	0.00
Spiked Amount			Recovery	=	79.14%	

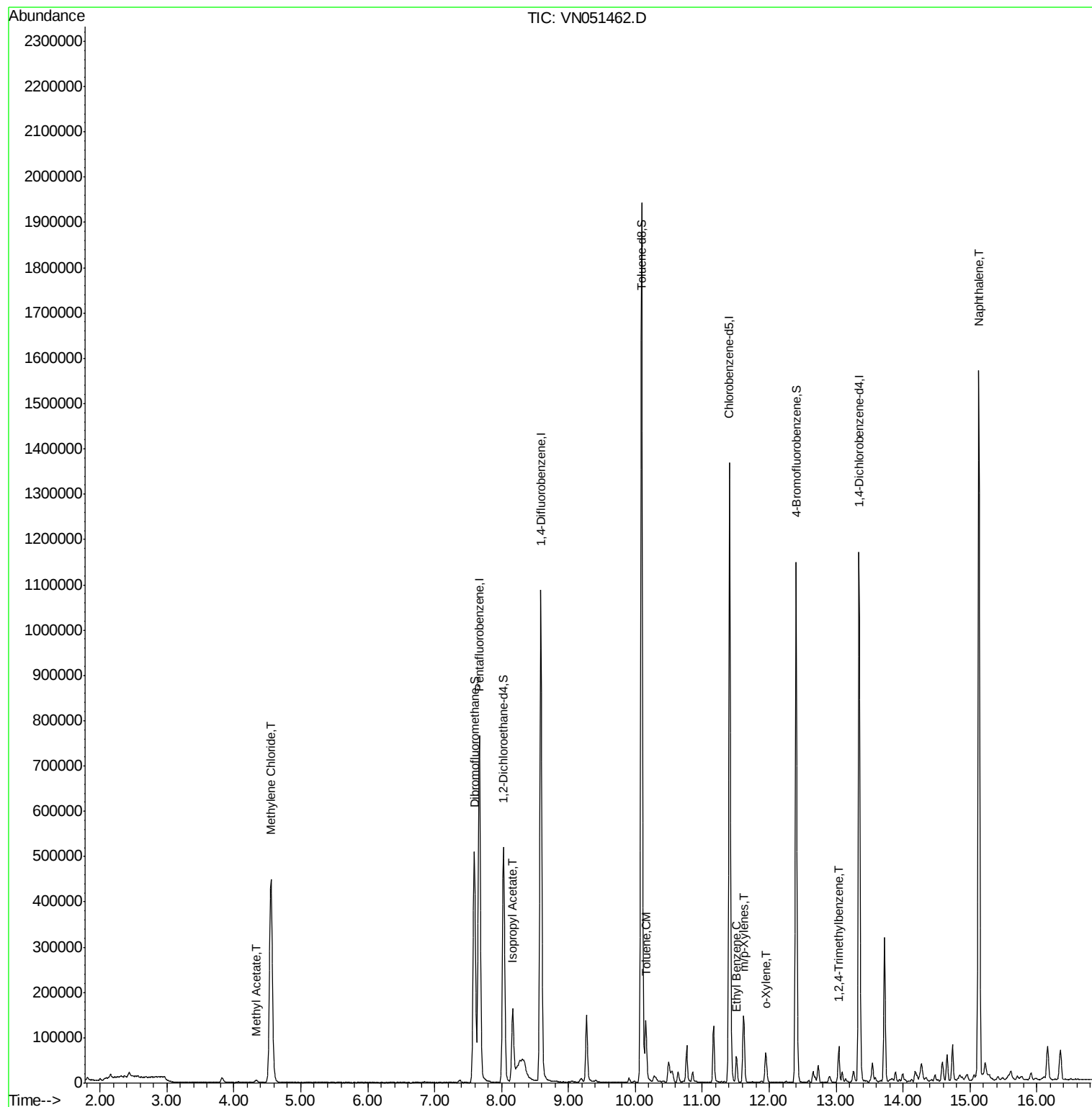
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	10720	1.695	ug/l #	77
20) Methylene Chloride	4.55	84	338874	41.242	ug/l	99
43) Isopropyl Acetate	8.17	43	201521	16.776	ug/l	98
52) Toluene	10.16	92	52214	2.477	ug/l	99
67) Ethyl Benzene	11.51	91	41178	1.160	ug/l	98
68) m/p-Xylenes	11.62	106	47914	3.490	ug/l	98
69) o-Xylene	11.95	106	16965	1.285	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	43837	1.920	ug/l	96
95) Naphthalene	15.13	128	1318864	98.446	ug/l	100

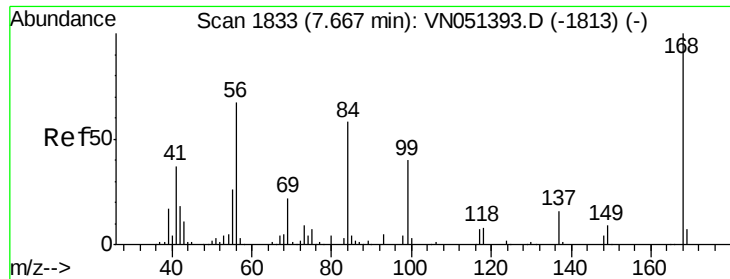
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

Instrument :

MSVOA_N

ClientSampleId :

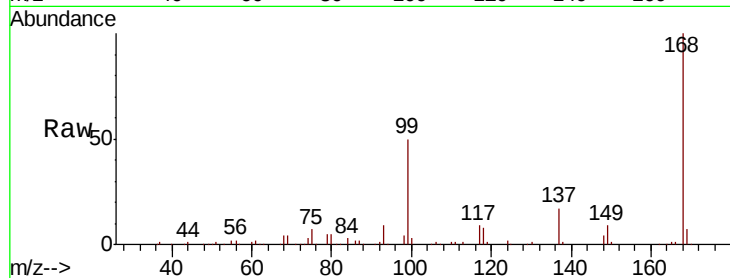
JC-02-092118-I

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

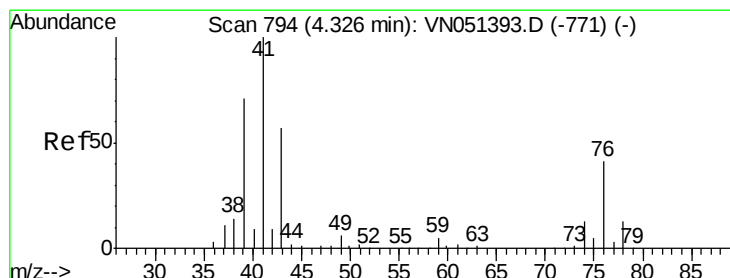
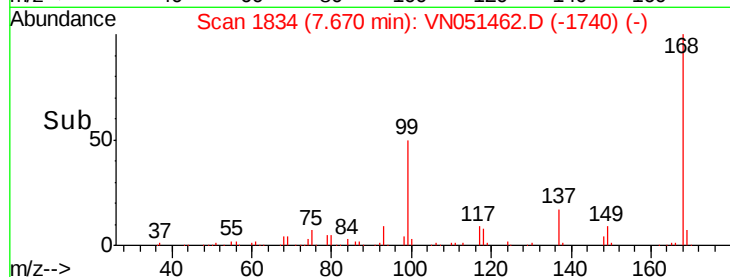
100000

50000

0

7.60 7.70 7.80

Time-->



#18

Methyl Acetate

Concen: 1.695 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051462.D

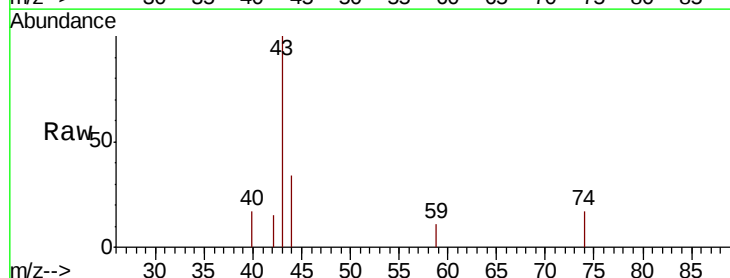
Acq: 24 Sep 2018 15:33

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) (-)

Ion 74.00 (73.70 to 74.70): VN051393.D (-771) (-)

4.34

3000

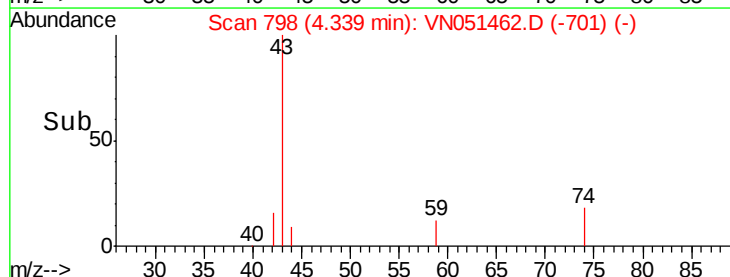
2000

1000

0

4.20 4.30 4.40

Time-->

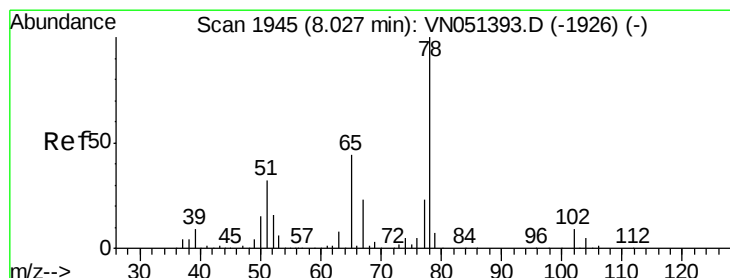
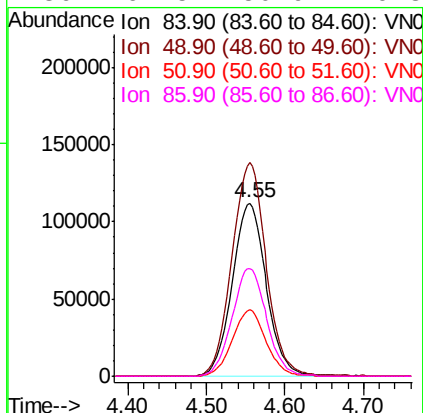
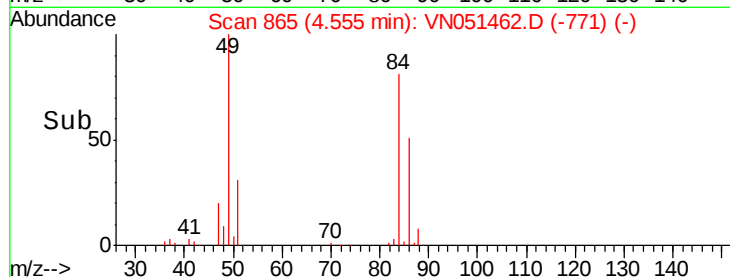
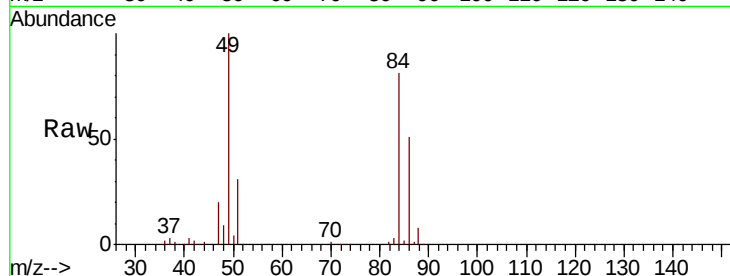




#20
Methvlene Chloride
Concen: 41.242 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

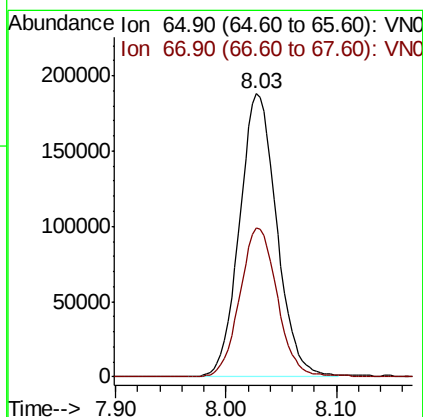
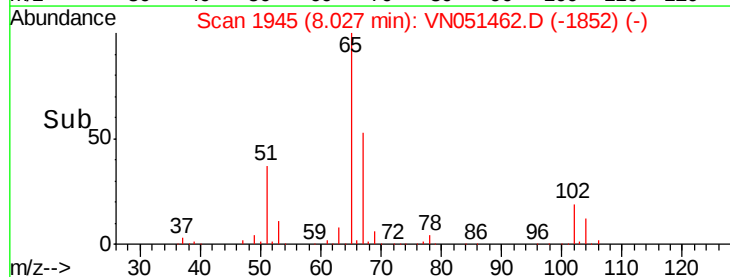
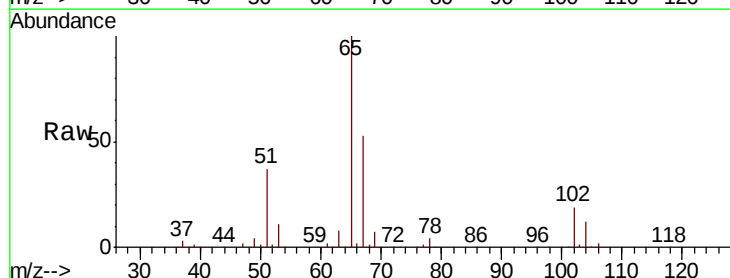
Instrument :
MSVOA_N
ClientSampleId :
JC-02-092118-I

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



#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

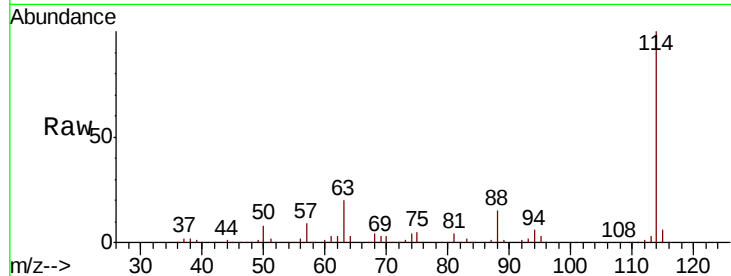




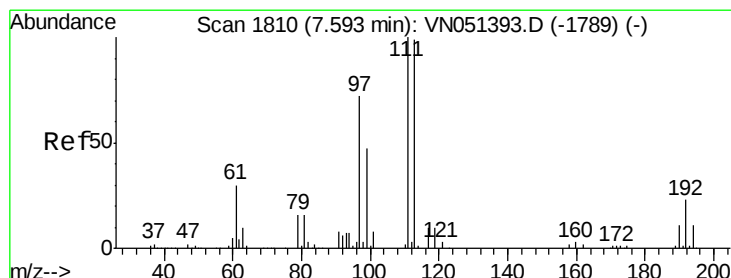
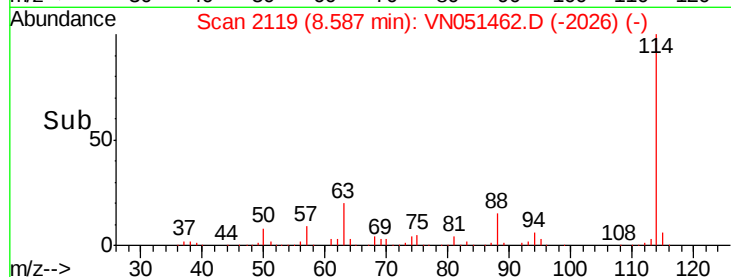
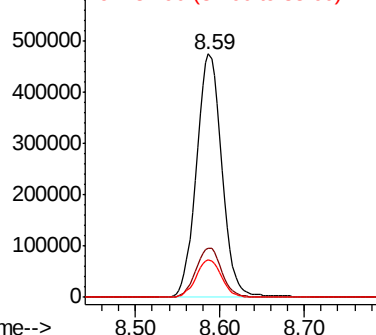
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051462.D
 Acq: 24 Sep 2018 15:33

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

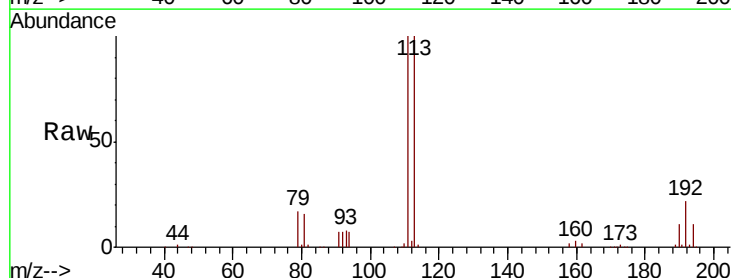


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

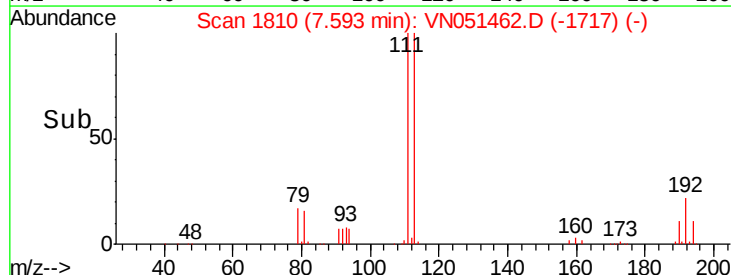
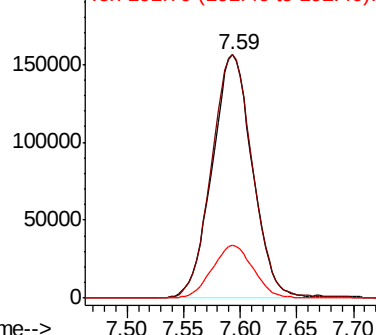


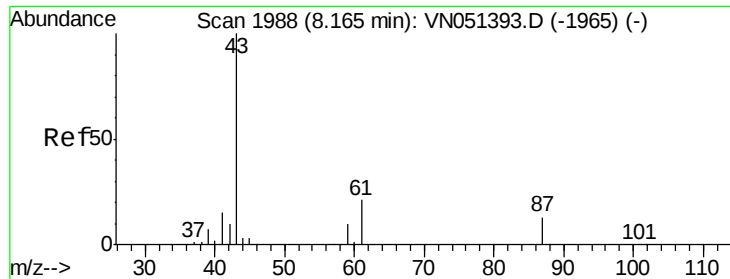
#35
 Dibromofluoromethane
 Concen: 48.454 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051462.D
 Acq: 24 Sep 2018 15:33

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





#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

Instrument :

MSVOA_N

ClientSampleId :

JC-02-092118-I

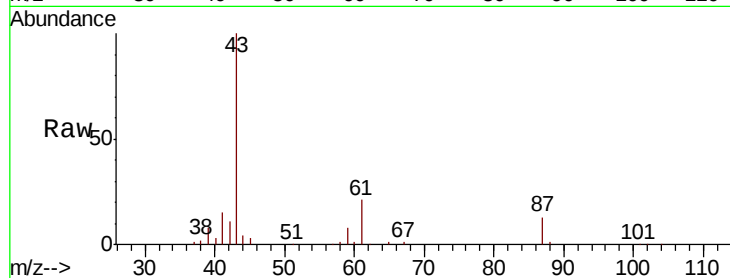
Tot Ion: 43 Resp: 201521

Ion Ratio Lower Upper

43 100

61 19.7 16.8 25.2

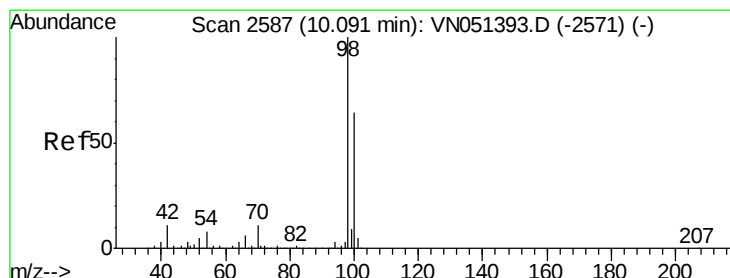
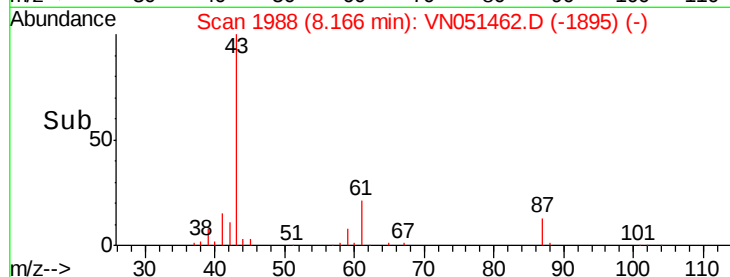
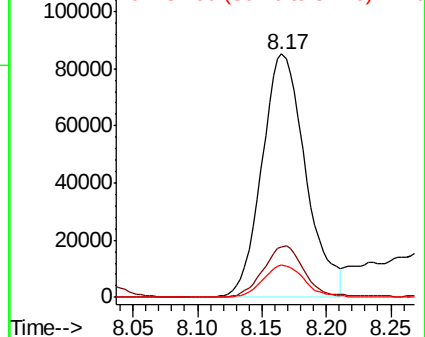
87 12.7 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): 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

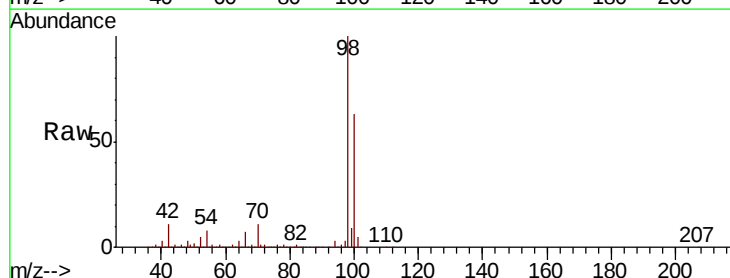
Acq: 24 Sep 2018 15:33

Tgt Ion: 98 Resp: 1393900

Ion Ratio Lower Upper

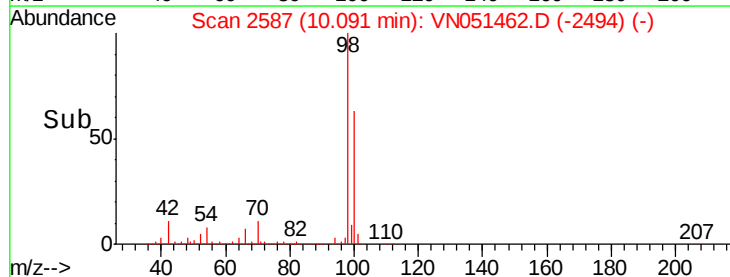
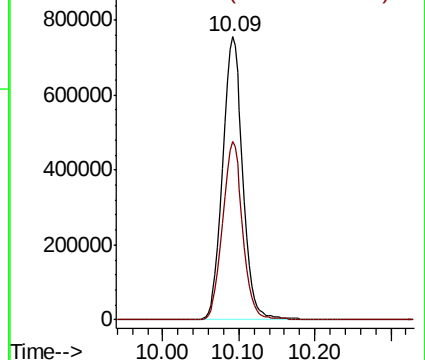
98 100

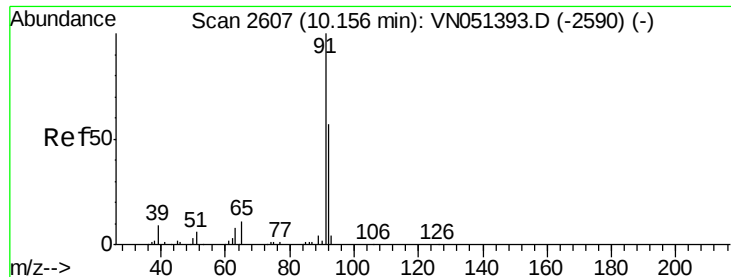
100 62.9 50.6 75.8



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 :

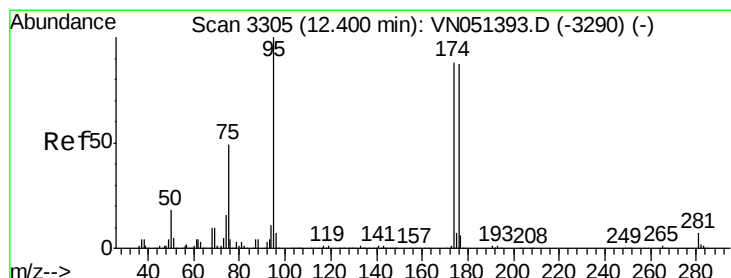
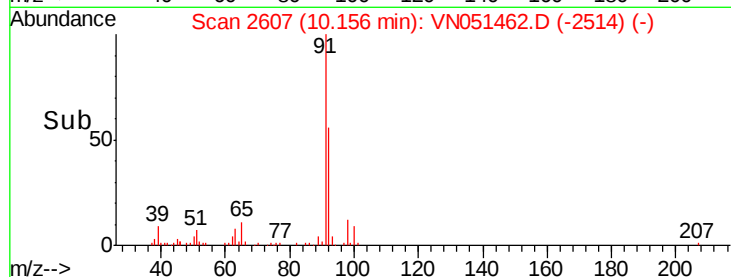
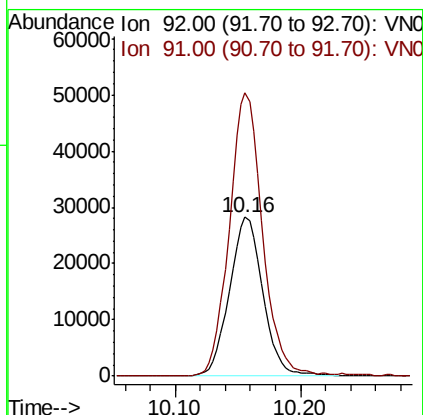
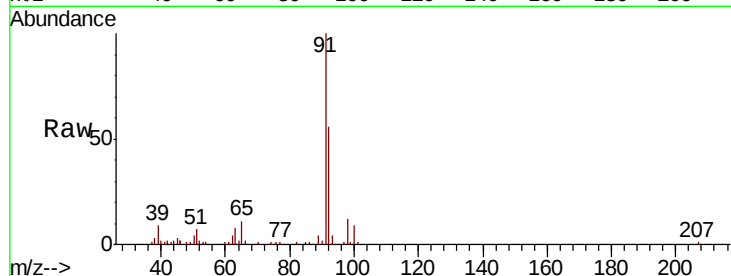
JC-02-092118-I

Tot Ion: 92 Resp: 52214

Ion Ratio Lower Upper

92 100

91 176.5 142.2 213.4



#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

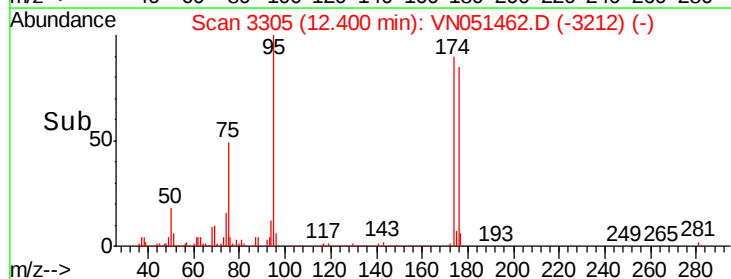
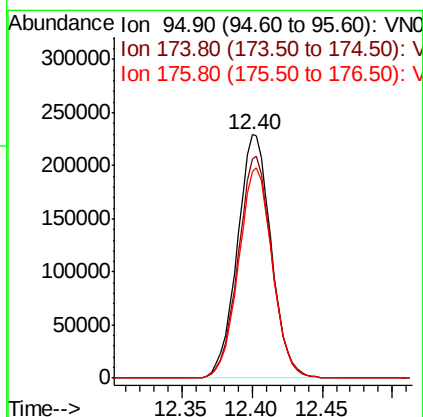
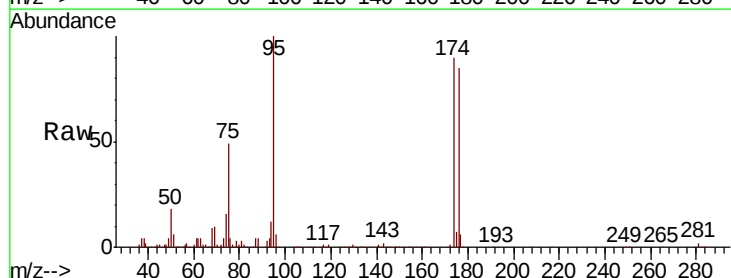
Tgt Ion: 95 Resp: 384552

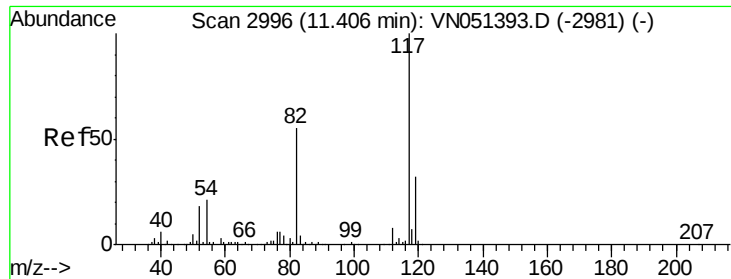
Ion Ratio Lower Upper

95 100

174 91.2 0.0 181.6

176 86.3 0.0 176.4

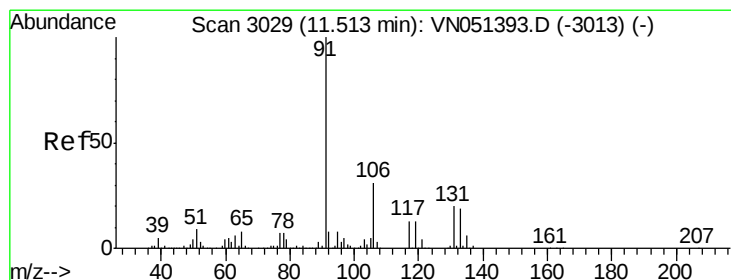
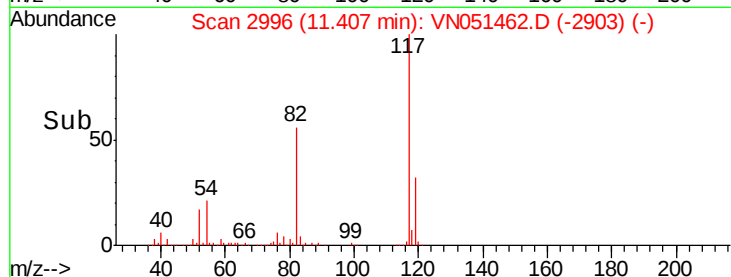
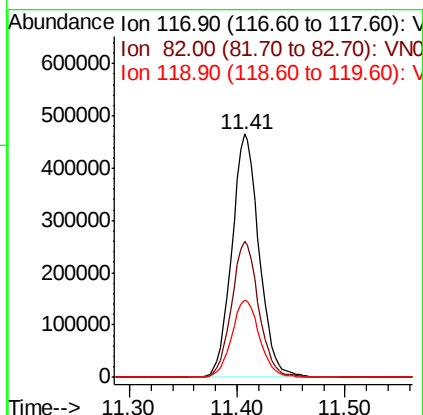
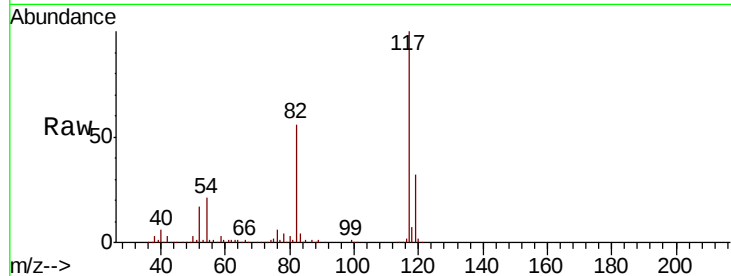




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

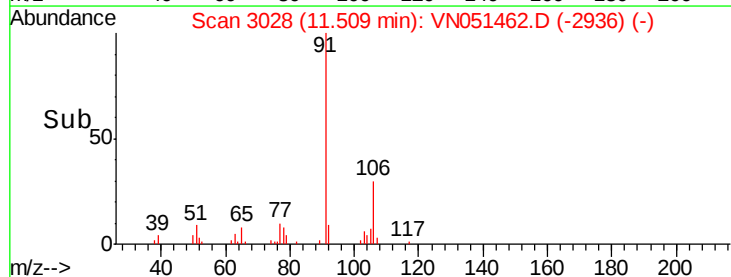
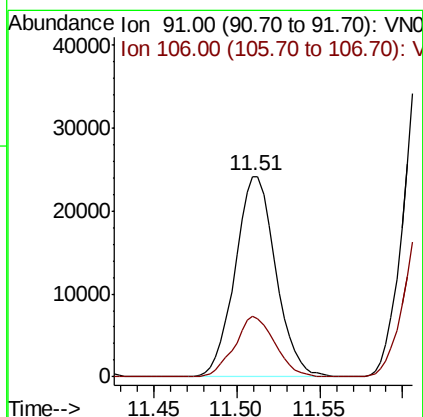
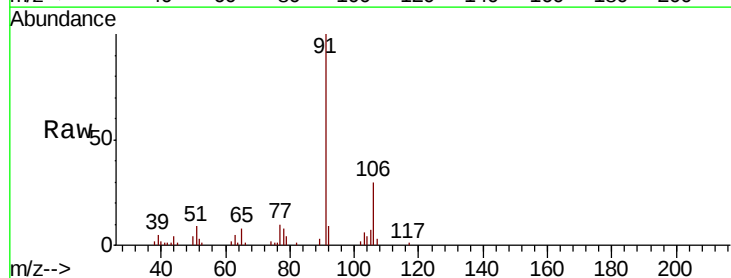
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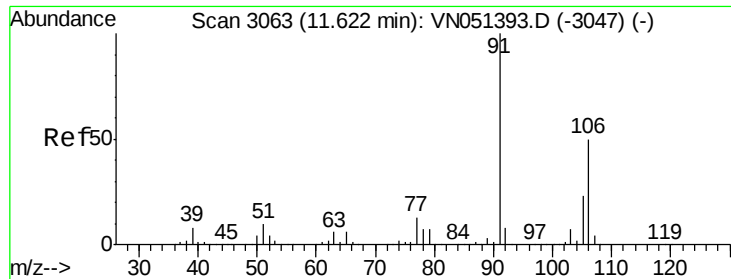
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.2	66.2
119	32.0	25.9	38.9



#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

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.0	37.4

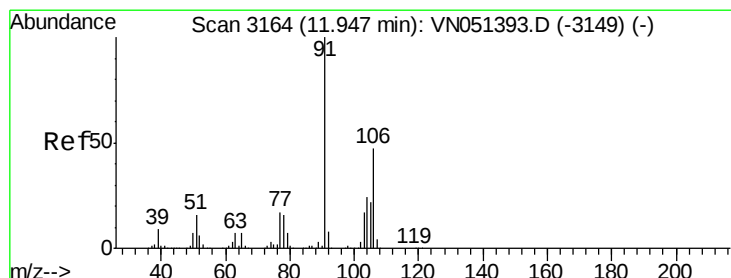
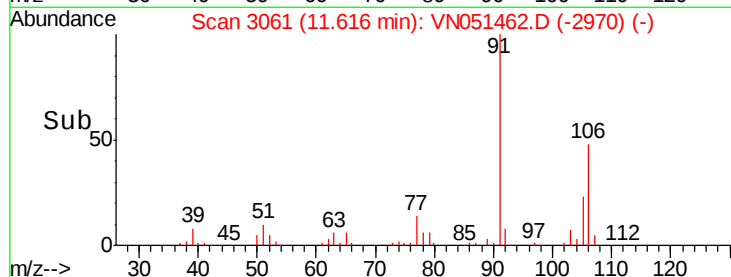
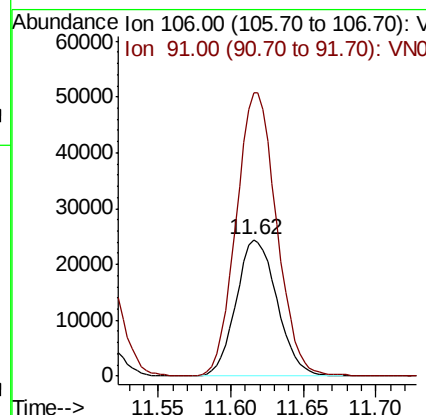
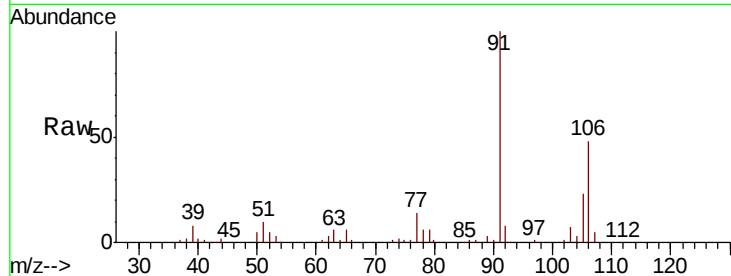




#68
m/p-Xylenes
Concen: 3.490 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN051462.D
Acq: 24 Sep 2018 15:33

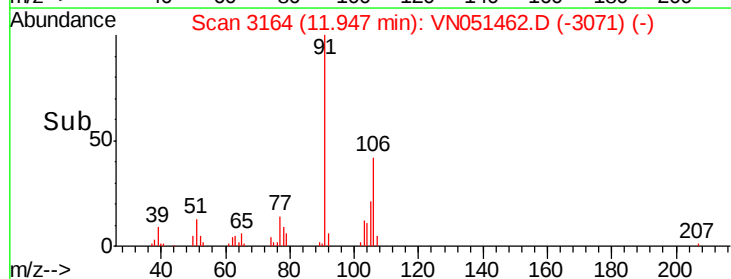
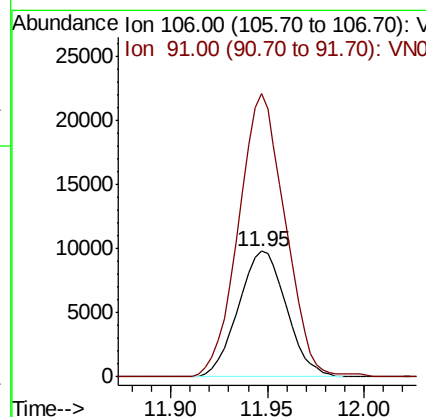
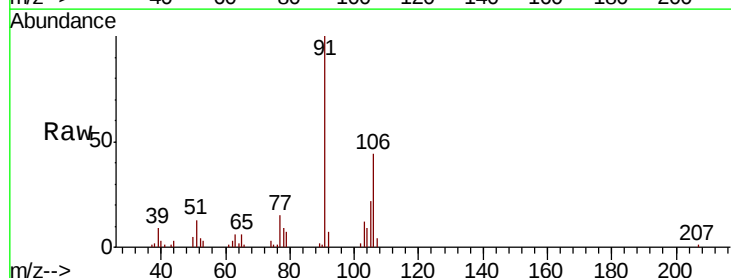
Instrument :
MSVOA_N
ClientSampleId :
JC-02-092118-I

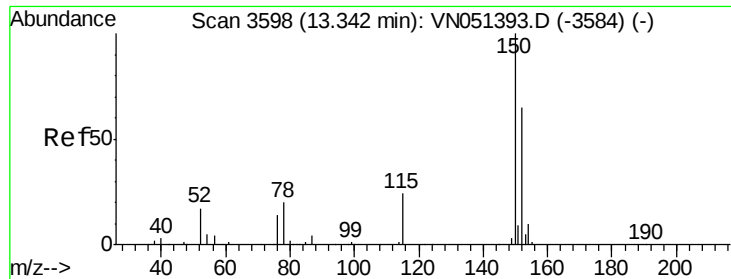
Tot Ion:106 Resp: 47914
Ion Ratio Lower Upper
106 100
91 205.2 161.3 241.9



#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

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





#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

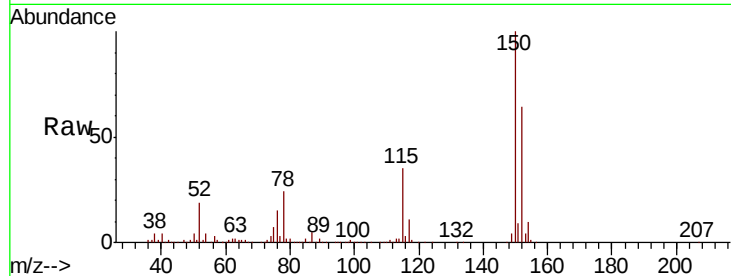
Tot Ion:152 Resp: 329254

Ion Ratio Lower Upper

152 100

115 56.7 28.3 84.9

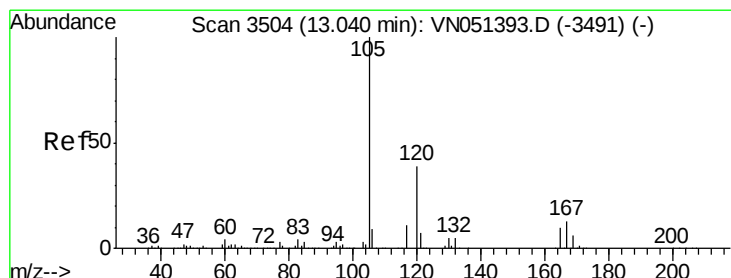
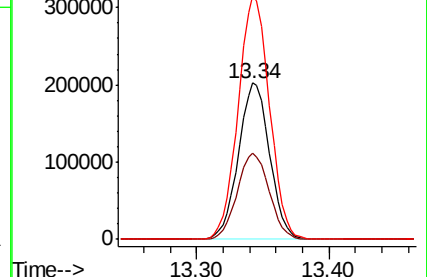
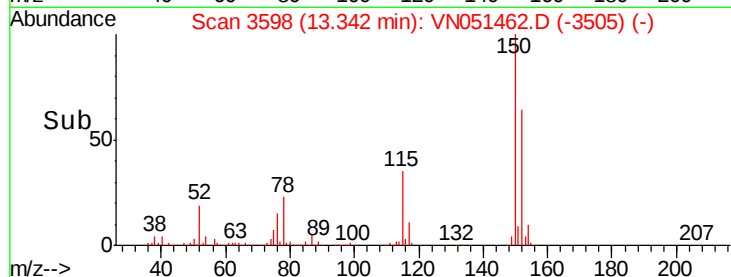
150 156.6 0.0 353.6



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



#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

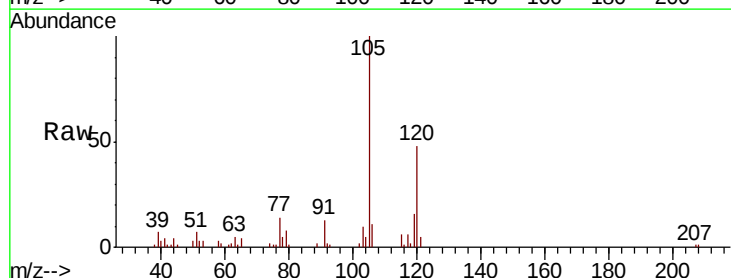
Acq: 24 Sep 2018 15:33

Tgt Ion:105 Resp: 43837

Ion Ratio Lower Upper

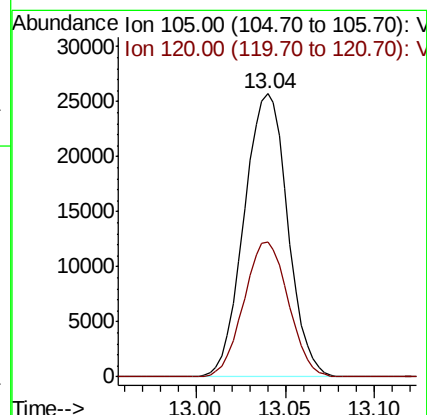
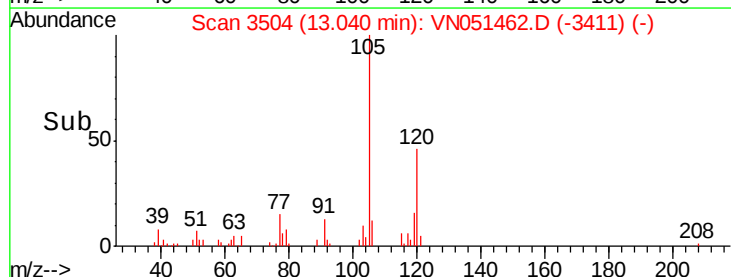
105 100

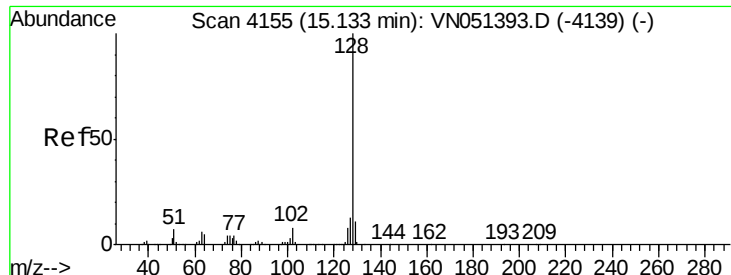
120 48.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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

