

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051104.D
 Acq On : 11 Sep 2018 2:49
 Operator : MD\SY
 Sample : J4779-03
 Misc : 5.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-090618-B

Quant Time: Sep 11 05:40:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	562872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	854772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	750314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317621	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	332899	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	7.59	113	320077	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
50) Toluene-d8	10.09	98	1182685	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.40	95	344296	42.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.40%	

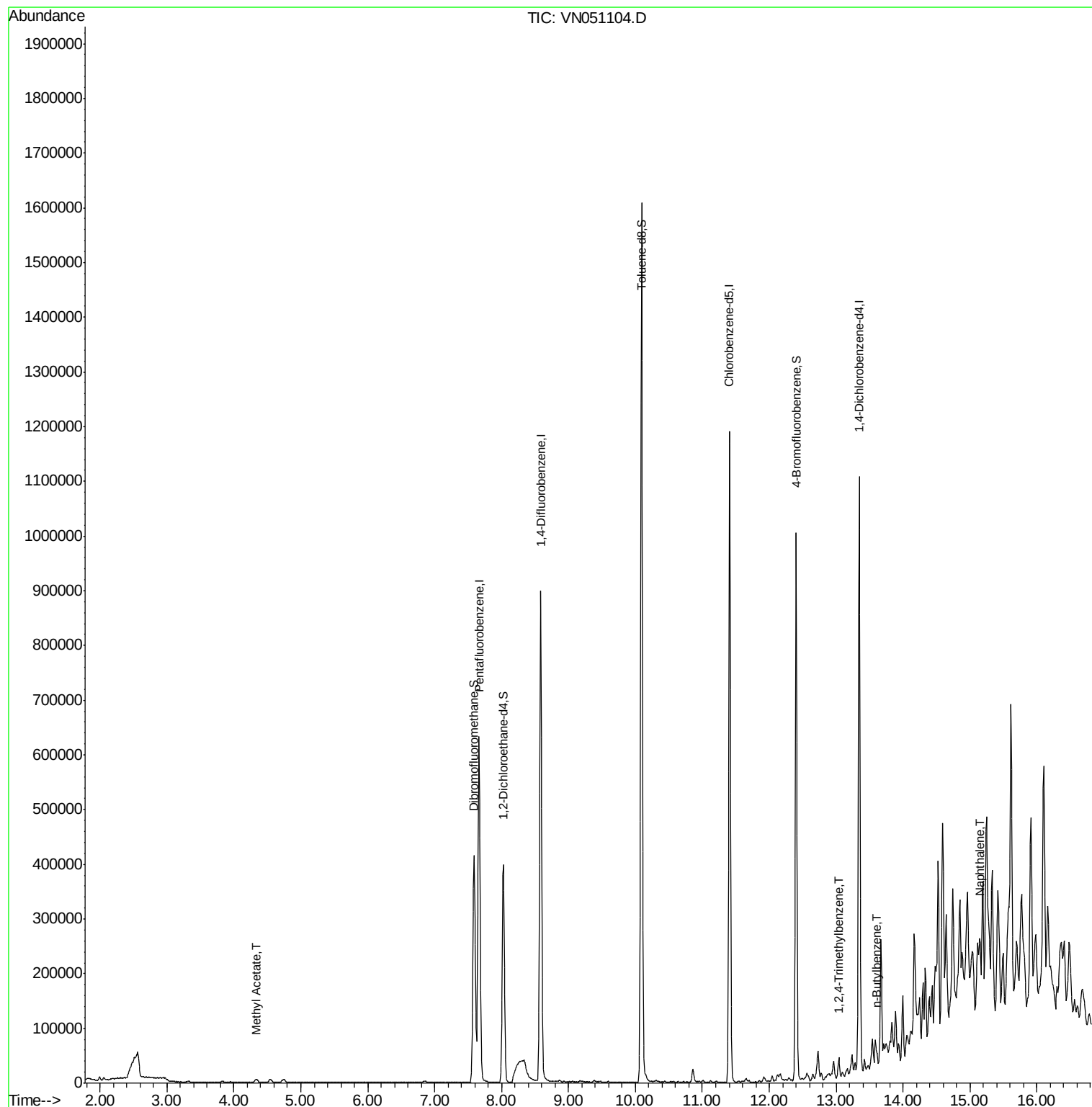
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.32	43	11248	2.24	ug/l #	83
84) 1,2,4-Trimethylbenzene	13.04	105	19950	0.94	ug/l	96
89) n-Butylbenzene	13.61	91	10960	0.68	ug/l #	79
95) Naphthalene	15.13	128	16669	6.59	ug/l #	80

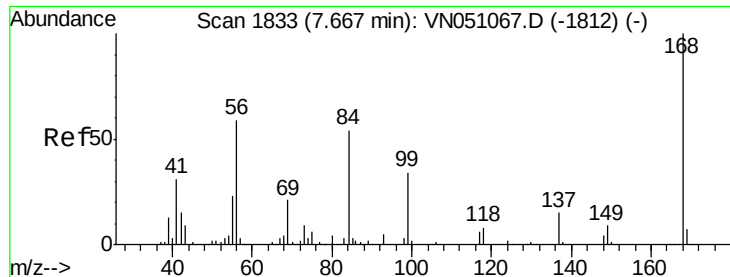
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

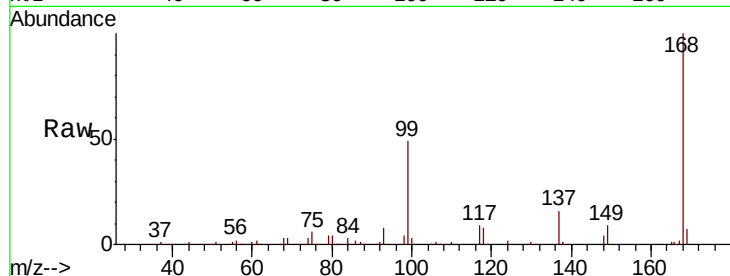
SU-03-090618-B

Tot Ion:168 Resp: 562872

Ion Ratio Lower Upper

168 100

99 49.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051104.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051104.D (-1740) (-)

7.66

250000

200000

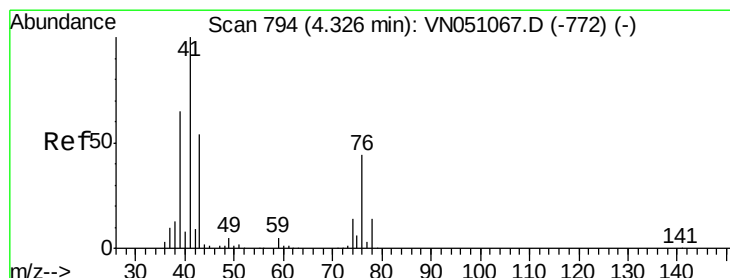
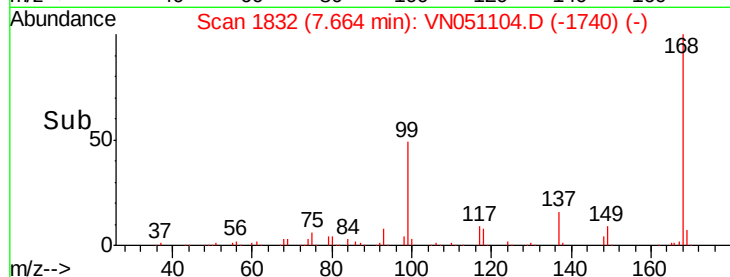
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.24 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051104.D

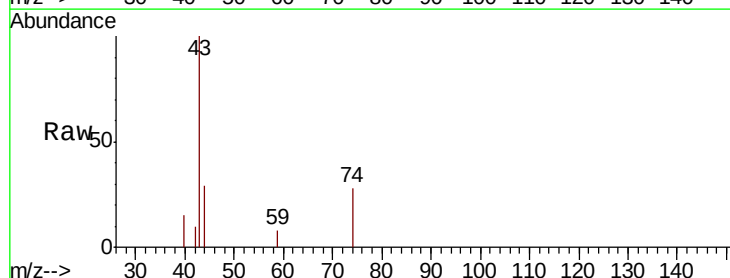
Acq: 11 Sep 2018 2:49

Tgt Ion: 43 Resp: 11248

Ion Ratio Lower Upper

43 100

74 17.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051104.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN051104.D (-701) (-)

4.32

4000

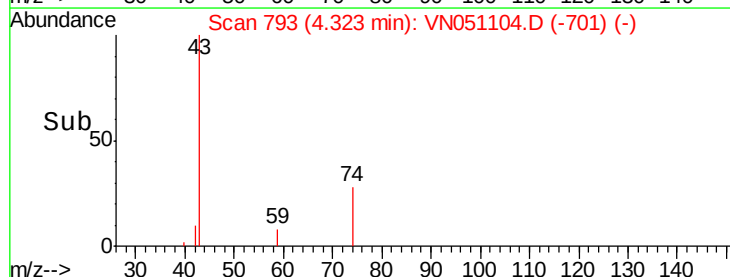
3000

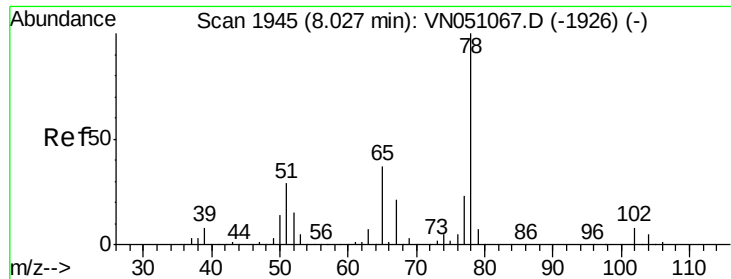
2000

1000

0

Time-->

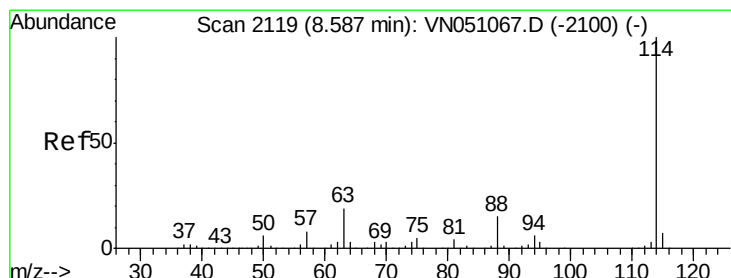
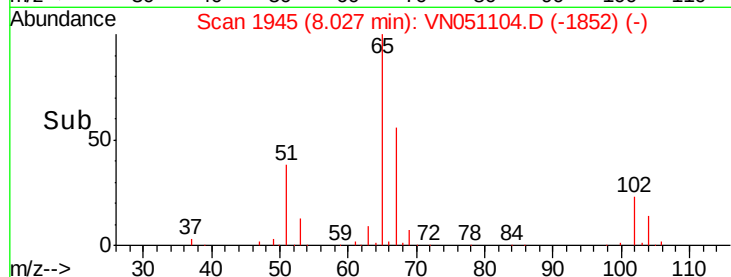
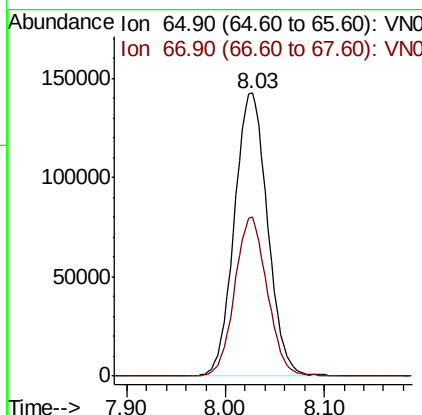
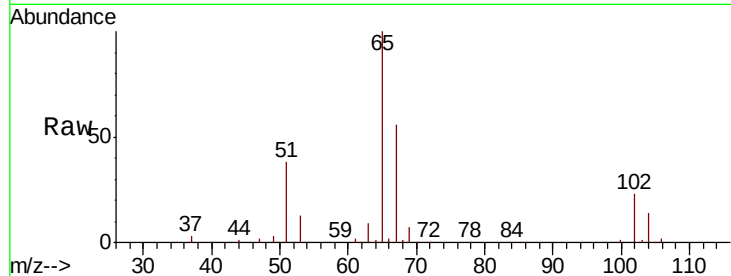




#33
 1,2-Dichloroethane-d4
 Concen: 53.15 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

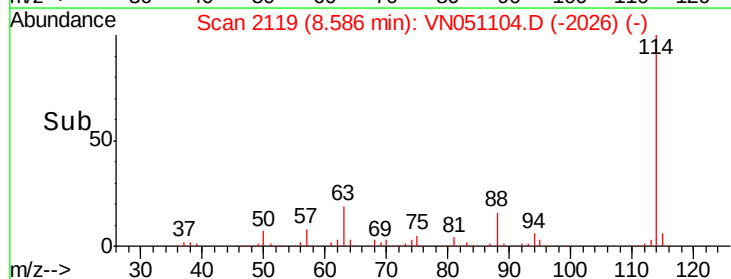
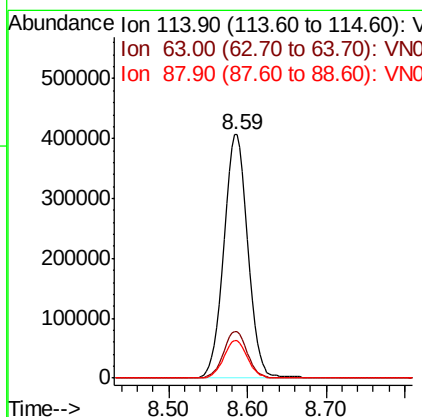
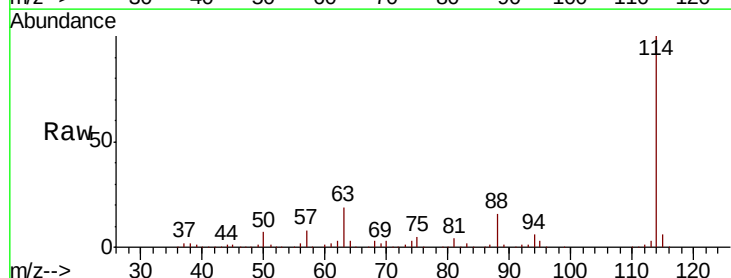
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-090618-B

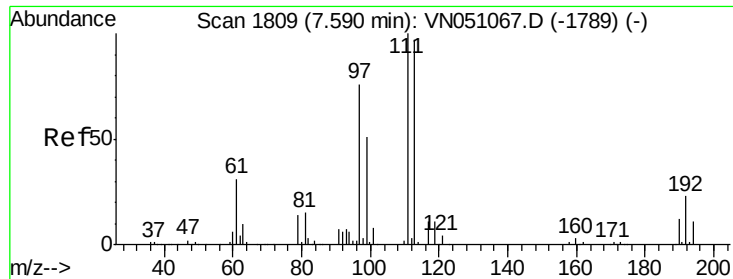
Tot Ion: 65 Resp: 332899
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

Tgt Ion: 114 Resp: 854772
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.6 0.0 30.8

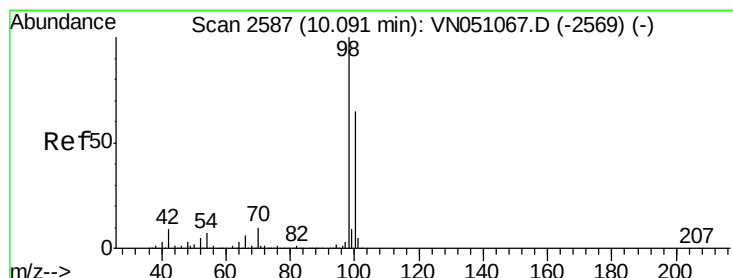
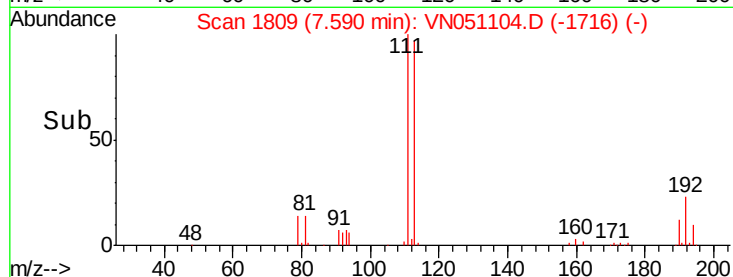
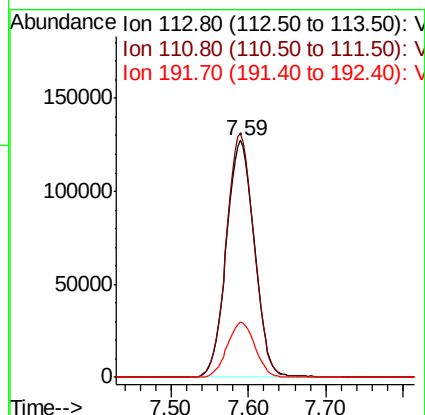
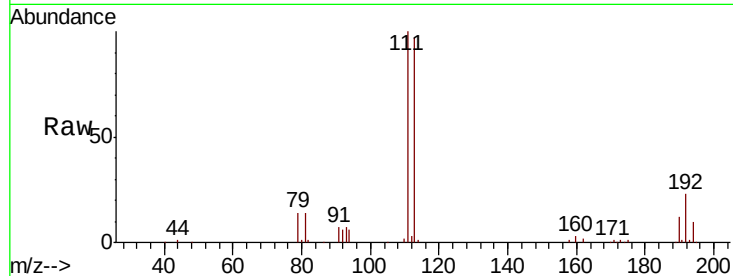




#35
 Dibromofluoromethane
 Concen: 49.83 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

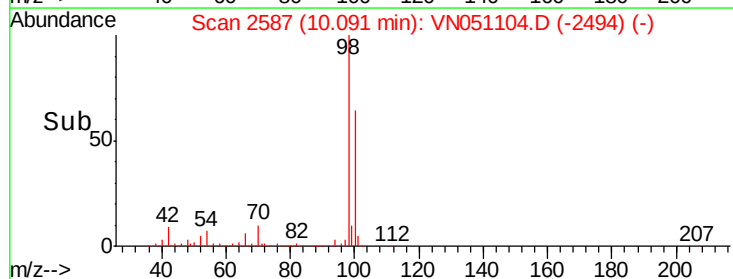
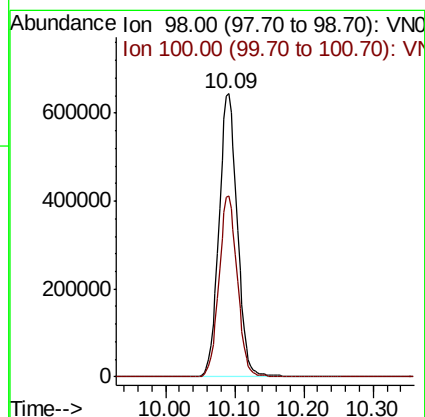
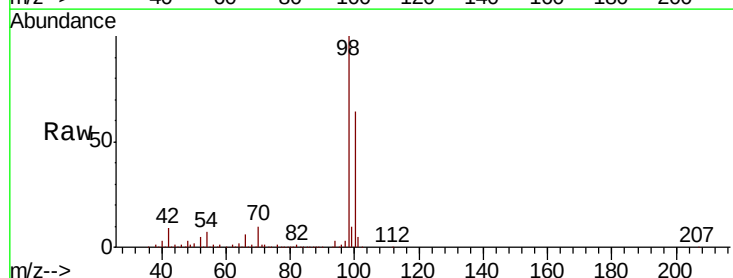
Instrument :
 MSVOA_N
 ClientSampled :
 SU-03-090618-B

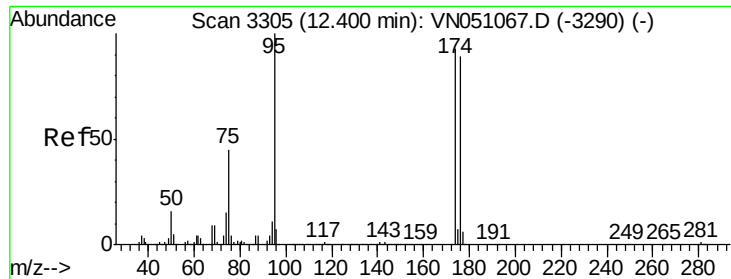
Tot Ion:113 Resp: 320077
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.0 124.6
 192 23.1 18.7 28.1



#50
 Toluene-d8
 Concen: 48.52 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

Tgt Ion: 98 Resp: 1182685
 Ion Ratio Lower Upper
 98 100
 100 63.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 42.70 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

SU-03-090618-B

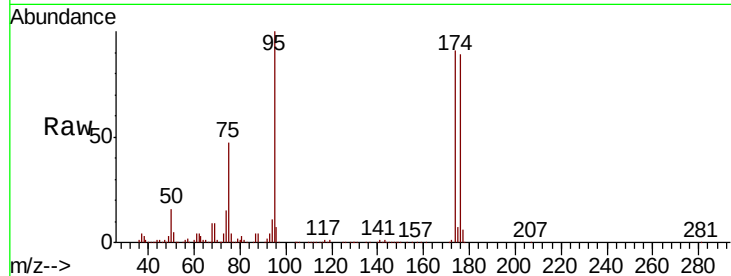
Tot Ion: 95 Resp: 344296

Ion Ratio Lower Upper

95 100

174 92.9 0.0 184.8

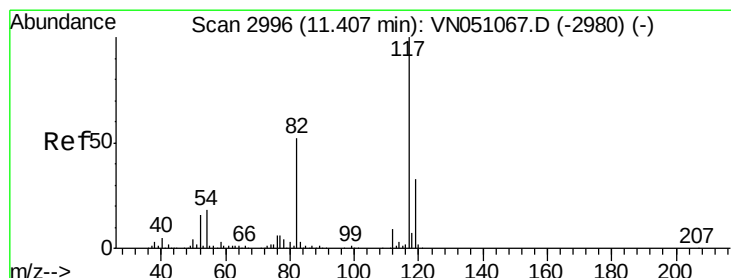
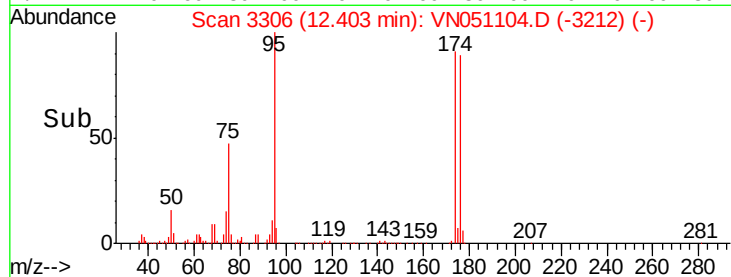
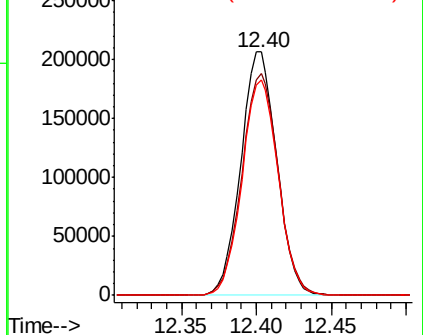
176 89.3 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051104.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051104.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051104.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

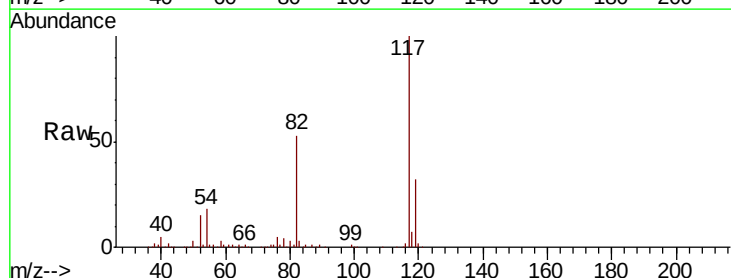
Tgt Ion: 117 Resp: 750314

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.6

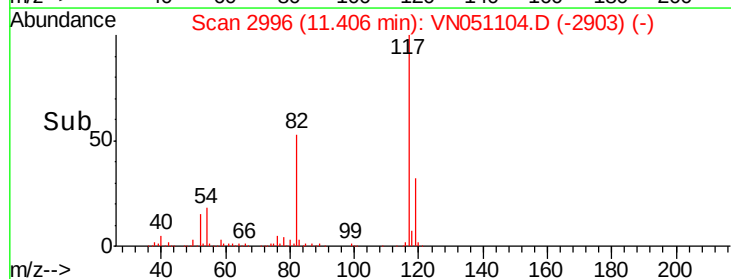
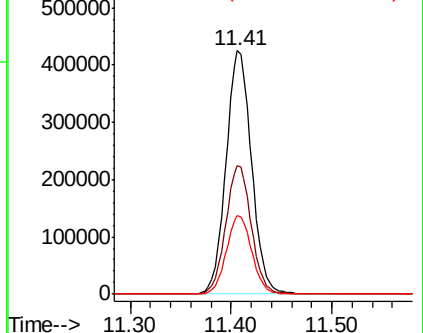
119 32.5 26.2 39.2

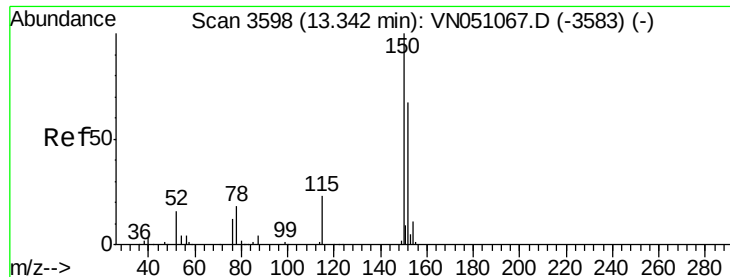


Abundance Ion 116.90 (116.60 to 117.60): VN051104.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051104.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051104.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

SU-03-090618-B

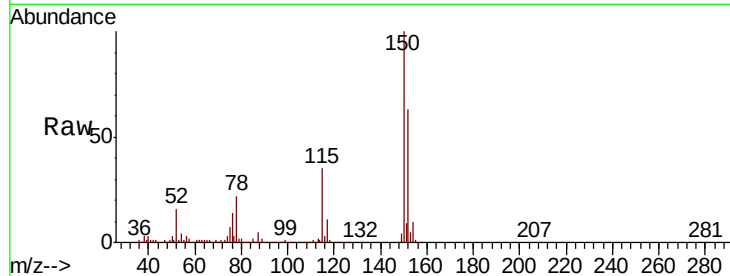
Tot Ion:152 Resp: 317621

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

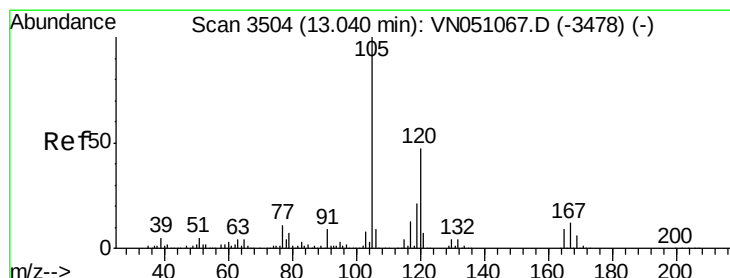
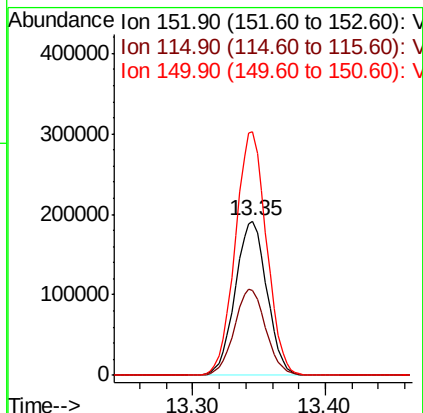
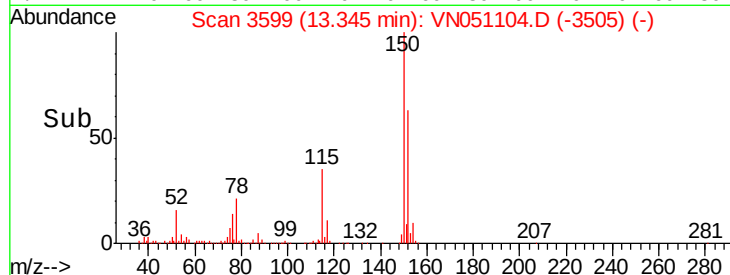
150 155.7 0.0 349.0



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: 0.94 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN051104.D

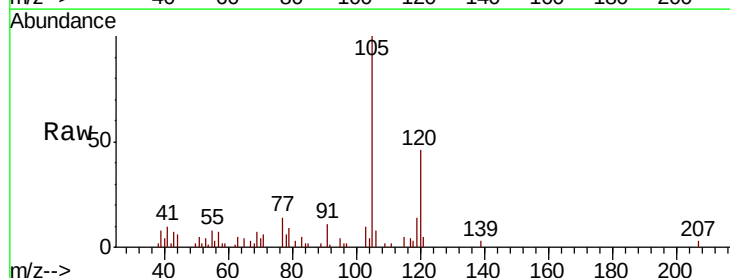
Acq: 11 Sep 2018 2:49

Tgt Ion:105 Resp: 19950

Ion Ratio Lower Upper

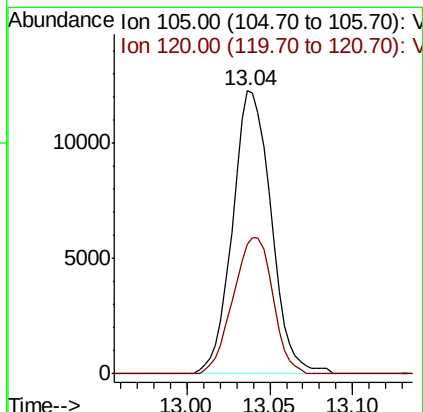
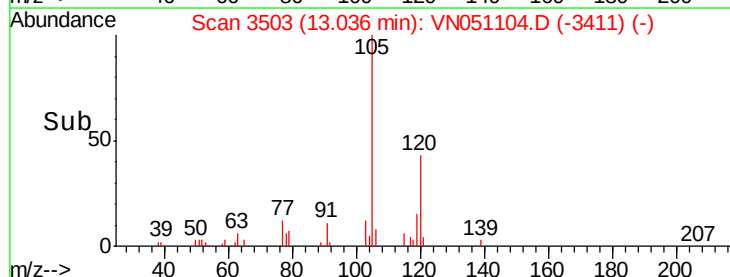
105 100

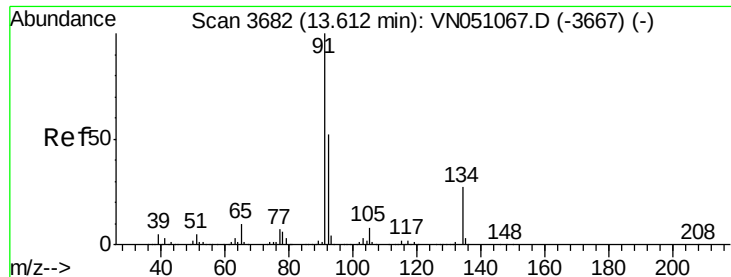
120 49.3 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.68 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

SU-03-090618-B

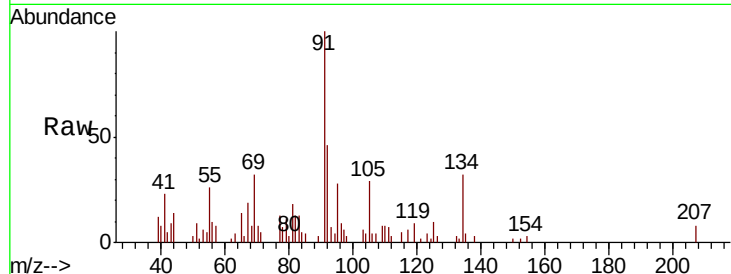
Tot Ion: 91 Resp: 10960

Ion Ratio Lower Upper

91 100

92 55.8 26.2 78.6

134 0.0 13.7 41.1#

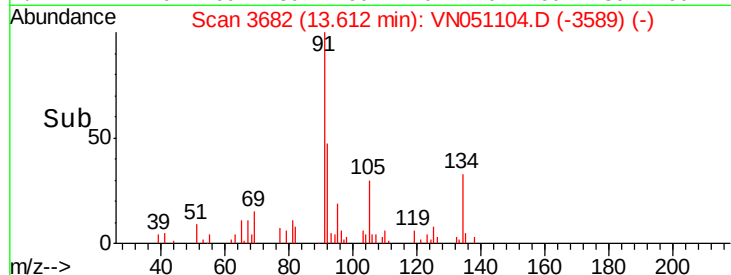


Abundance Ion 91.00 (90.70 to 91.70): VN051104.D (-3589) (-)

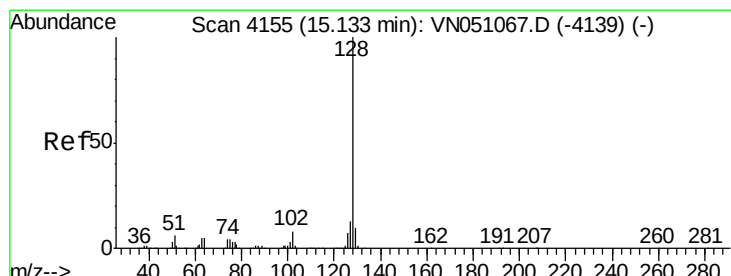
Ion 92.00 (91.70 to 92.70): VN051104.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN051104.D (-3589) (-)

Time-->



Time-->



#95

Naphthalene

Concen: 6.59 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

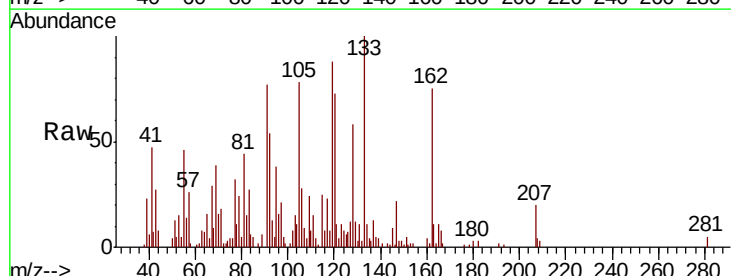
Tgt Ion: 128 Resp: 16669

Ion Ratio Lower Upper

128 100

127 7.6 10.6 15.8#

129 0.0 8.6 12.8#

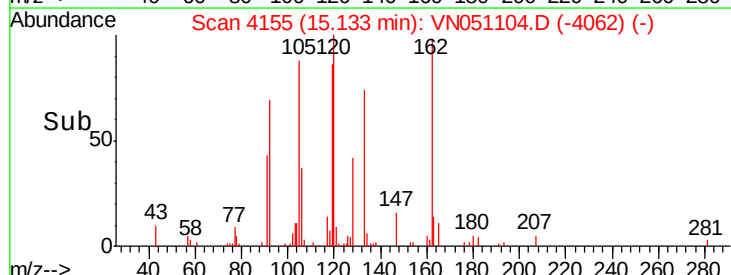


Abundance Ion 128.00 (127.70 to 128.70): VN051104.D (-4062) (-)

Ion 127.00 (126.70 to 127.70): VN051104.D (-4062) (-)

Ion 129.00 (128.70 to 129.70): VN051104.D (-4062) (-)

Time-->



Time-->